

G686 3596

Replaces

C 6349217

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: RE00173923

Serial: C6349217 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Status:

Closed 8/27/2009 2:55:39 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: SUPPLY DIVISION USAR SUPPLY DIVISION USAR

Address 1: BLDG 490 BLDG 490

Address 2: PO Box: PO Box:

City: FORT BENNING FORT BENNING

State: GA Zip Code: 31905 Country: US State: GA Zip Code: 31905 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
A007	With Stud	3
A008	With Swivel	2
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

Refresh

Close

Repair

nagletj

8/28/2009

8:29 AM

CAPS

NUM

INS

SCRL

Hstar

Microsoft Office...

Internet Explorer

Microsoft Office...

Arms Services Rep...

Part Search by Mat...

8:29 AM

G 6863596

Serial Number: ~~C6349217~~

Model: M24 SWS



RE00173923

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER	<u>173923</u>		
SERIAL NUMBER	<u>66349217</u>		
LOG-IN DATE	<u>8-27-09</u>		

66863596

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-2-09	RTZ
505	RE-BARREL	9-4-09	RTZ
420	ASSEMBLE	9-4-09	RTZ
440	PROOF	9-4-09	SPD.
460	CHECK HEADSPACE	9-4-09	SPD.
470	DIS-ASSEMBLE GUN	9-4-09	SPD.
480	MAGNAFLUX	9/16/09	Ⓟ
510	DRILL AND TAP	9-2-09	SP
500	ROLLMARK CALIBER	9/10/09	SP
520	GOFF BLAST BBL / REC	9/10	SP
530 & 540	APPLY COATINGS	9/16	
560	FINAL ASSEMBLY	9-22-09	RTZ
640	FUNCTION TEST AND	9-22-09	SPD.
650	TARGET	9-22-09	SPD.
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-22-09	RP
	A) HEADSPACE	9-24-09	TC
	B) TRIGGER PULL	9-24-09	TC
		2.69 2.57 2.56 2.66 2.69	
680	F) SAFETY ON FORCE	9-24-09	TC
	G) SAFETY OFF FORCE	9-24-09	TC
	I) FIRING PIN INDENT	9-24-09	TC
690	PACK	9-25-09	Fm

MAGNA - FLUX
 OPERATOR Ⓟ

PASS FAIL
 PASS FAIL

N/A

+/- .5 LBS
 MIN 2.50 LBS
 MAX 4.0 LBS

2 LBS MIN
 10 LBS MAX

2 LBS
 MIN

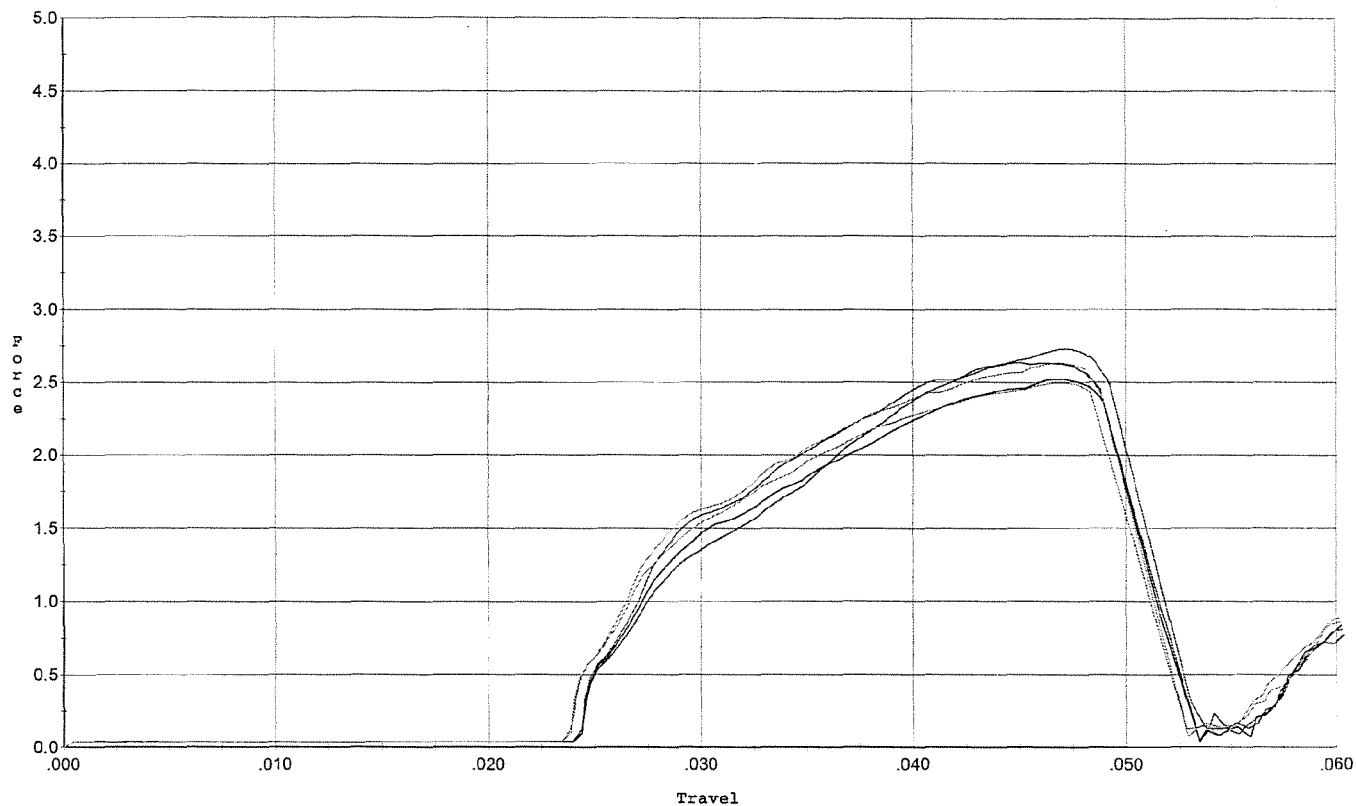
.020

F006 REV 1/2009

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 8/31/2009

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



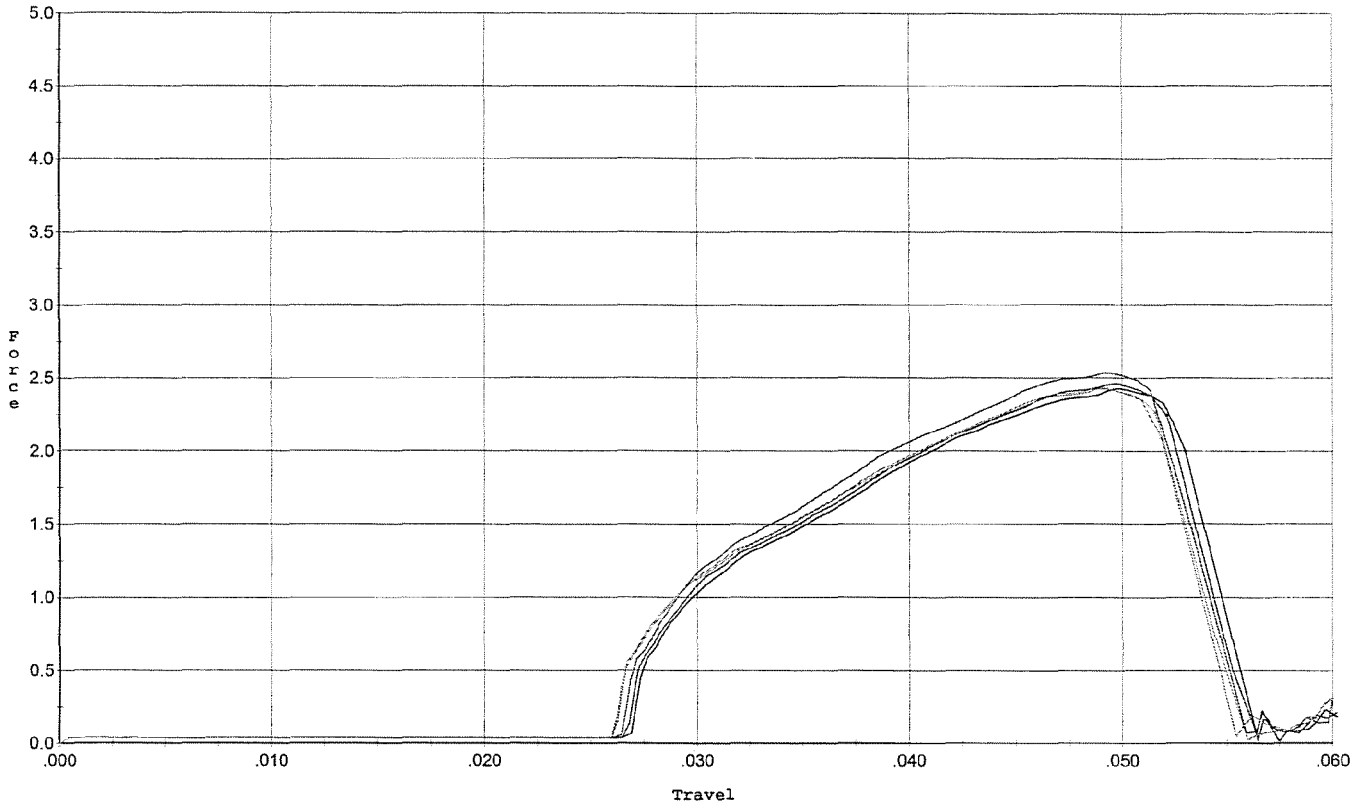
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.634	0.049	0.024	0.037	0.048		Set Trigger
2	2.521	0.049	0.024	0.037	0.048		Set Trigger
3	2.729	0.049	0.024	0.037	0.052		Set Trigger
4	2.636	0.049	0.024	0.037	0.051		Set Trigger
5	2.496	0.050	0.024	0.037	0.050		Set Trigger

A-2.60

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 8/31/2009

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



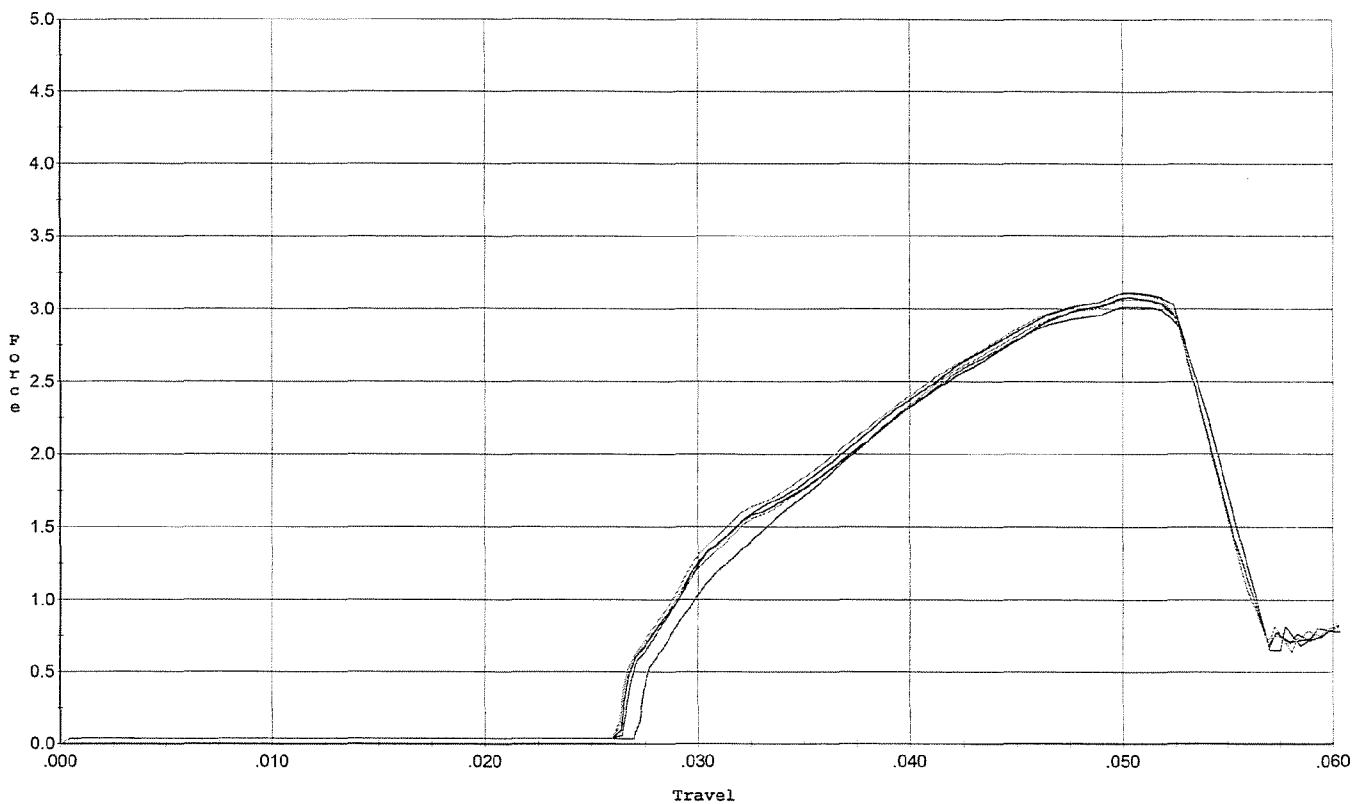
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.464	0.052	0.027	0.039	0.048		Set Trigger
2	2.430	0.053	0.027	0.039	0.048		Set Trigger
3	2.534	0.053	0.027	0.039	0.051		Set Trigger
4	2.425	0.052	0.026	0.039	0.047		Set Trigger
5	2.437	0.052	0.026	0.039	0.047		Set Trigger

A 2.45

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 8/31/2009

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



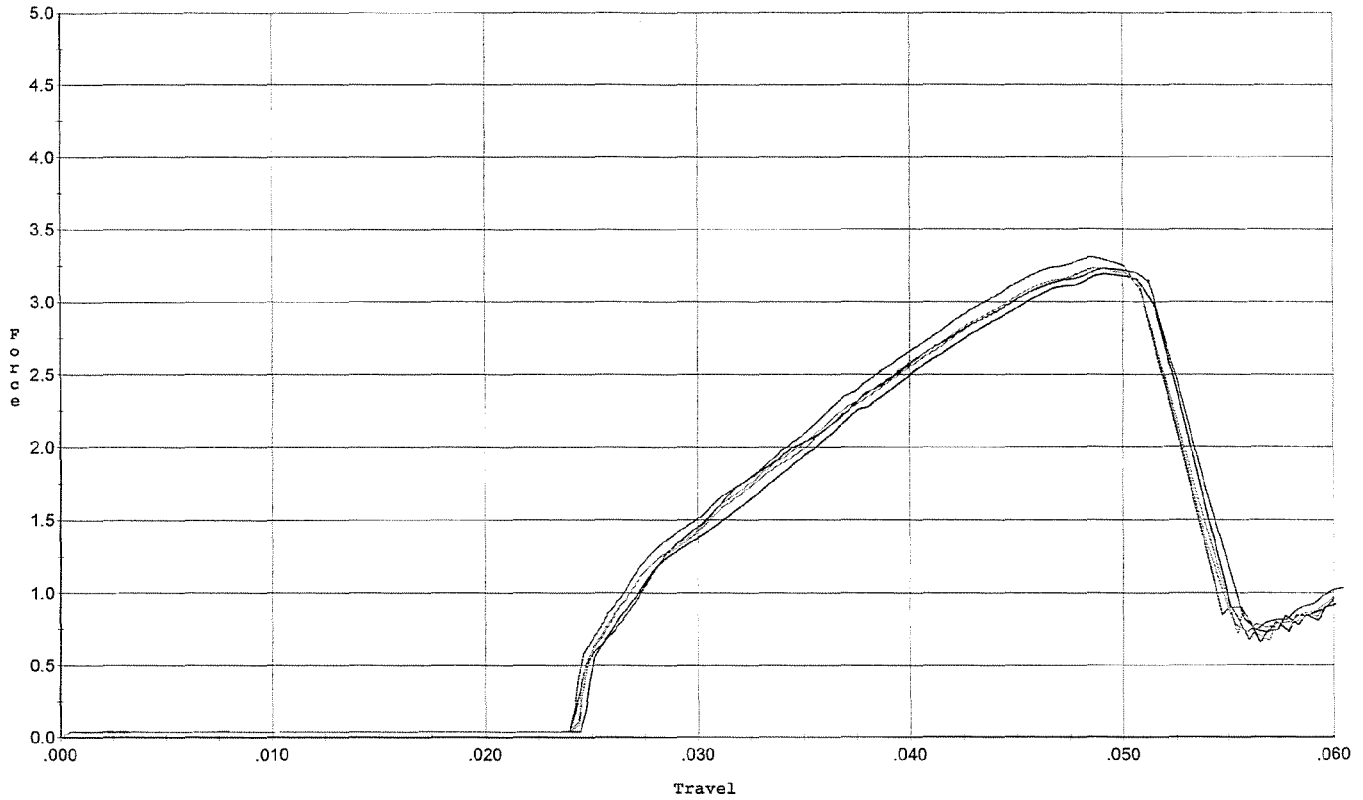
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.114	0.054	0.027	0.036	0.062		Set Trigger
2	3.080	0.053	0.026	0.036	0.059		Set Trigger
3	3.012	0.053	0.027	0.036	0.058		Set Trigger
4	3.104	0.053	0.026	0.036	0.061		Set Trigger
5	3.064	0.053	0.026	0.036	0.059		Set Trigger

4.3.07

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 8/31/2009

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



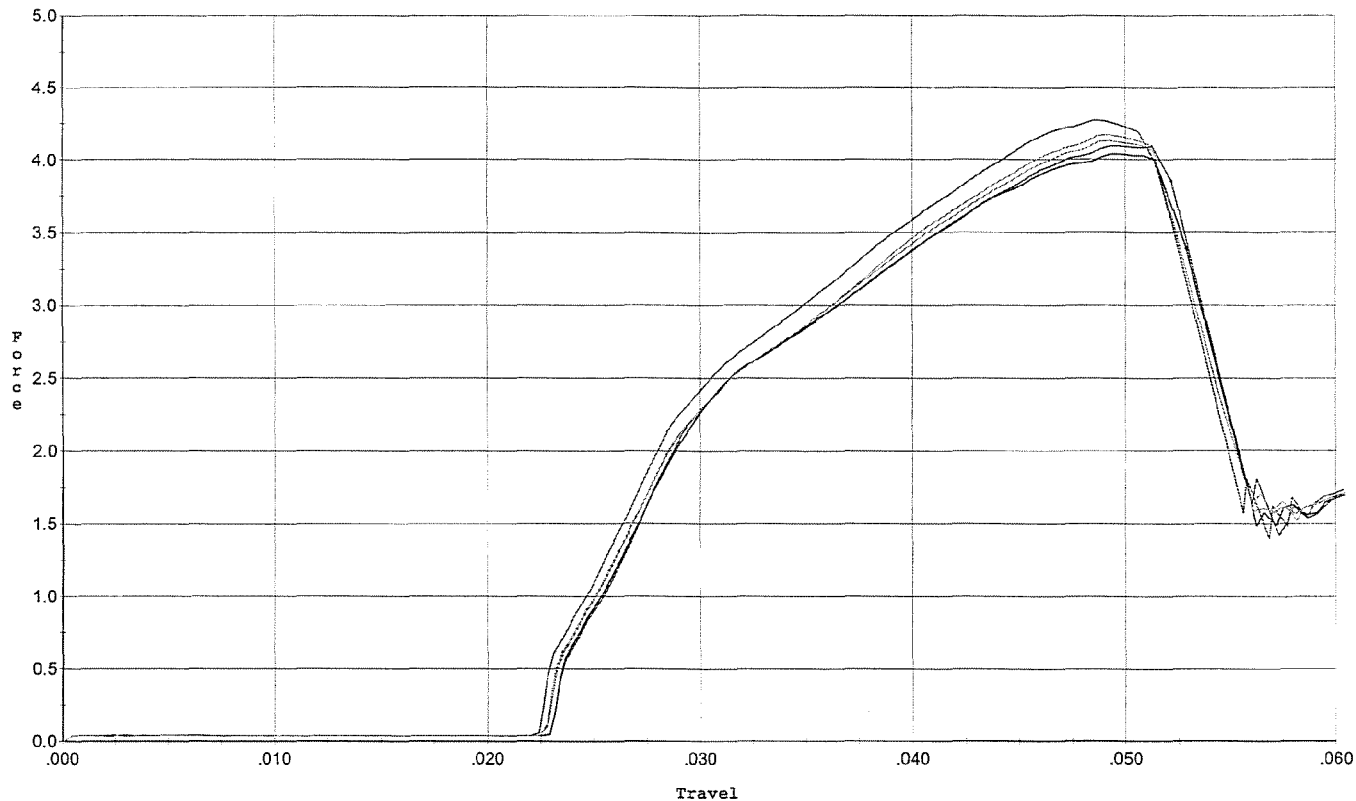
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.232	0.051	0.024	0.036	0.063		Set Trigger
2	3.193	0.051	0.025	0.035	0.061		Set Trigger
3	3.311	0.051	0.024	0.035	0.064		Set Trigger
4	3.233	0.051	0.024	0.036	0.062		Set Trigger
5	3.231	0.051	0.025	0.036	0.061		Set Trigger

A3.24

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 8/31/2009

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



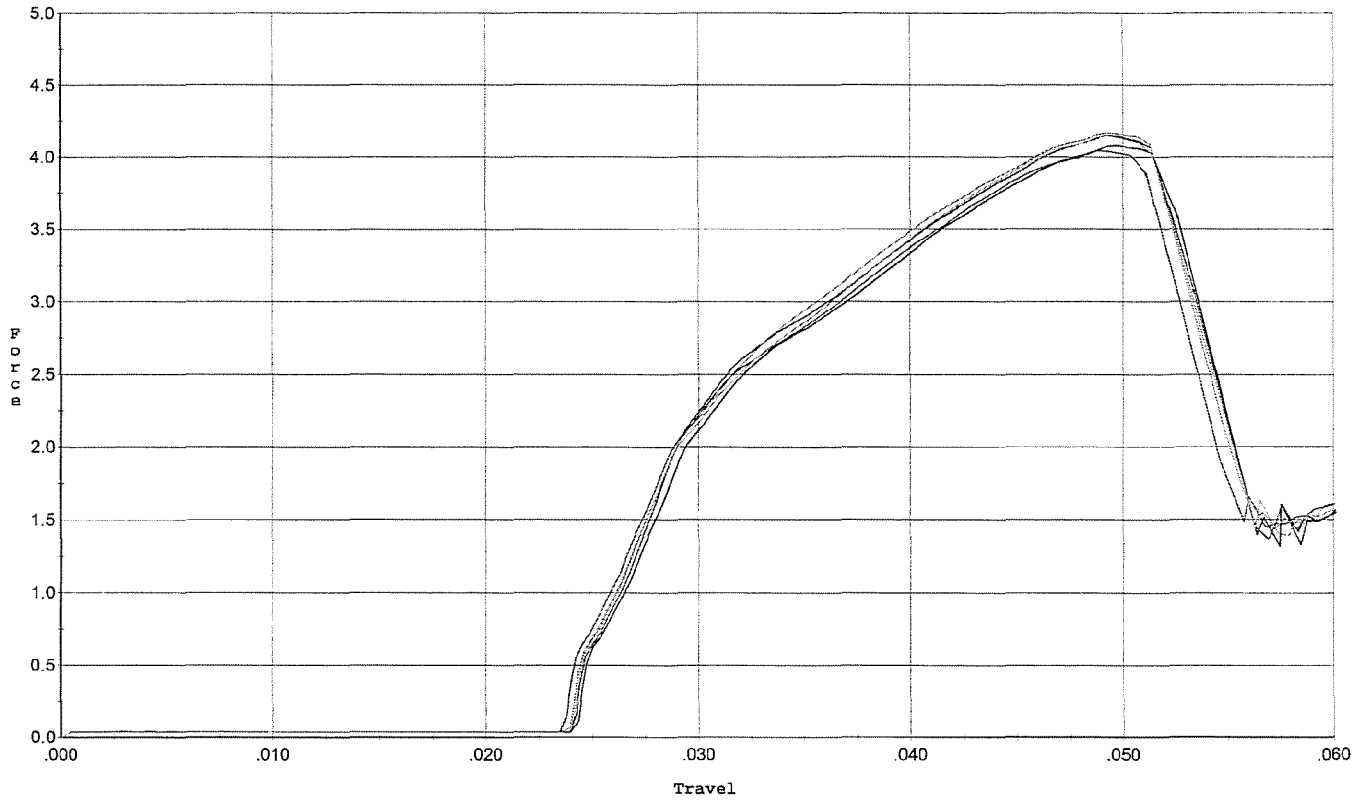
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.095	0.052	0.023	0.032	0.088		Set Trigger
2	4.037	0.053	0.023	0.032	0.088		Set Trigger
3	4.274	0.051	0.023	0.032	0.091		Set Trigger
4	4.132	0.051	0.023	0.033	0.087		Set Trigger
5	4.173	0.051	0.023	0.033	0.087		Set Trigger

A-4-14

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: cms 8/31/2009

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



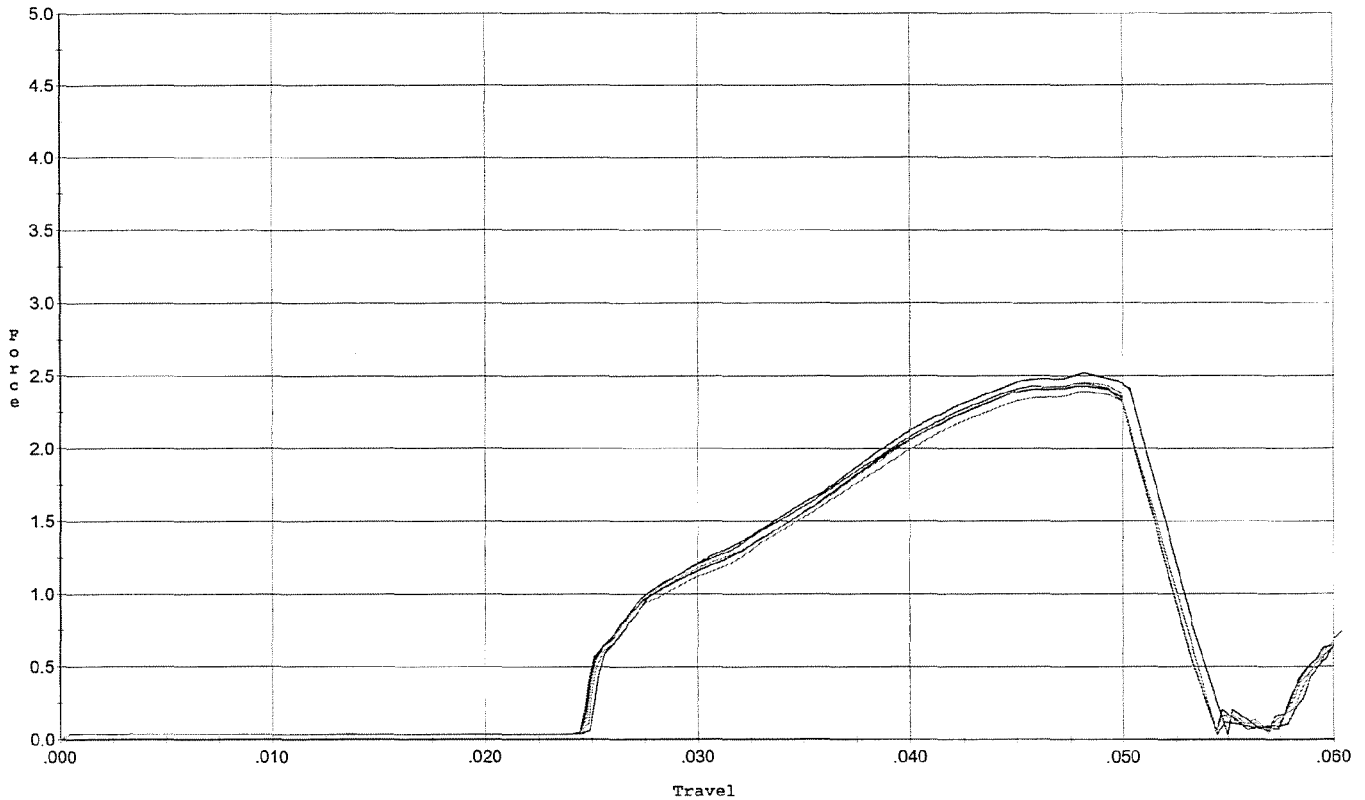
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.152	0.053	0.024	0.032	0.089		Set Trigger
2	4.081	0.053	0.024	0.033	0.086		Set Trigger
3	4.045	0.051	0.024	0.033	0.083		Set Trigger
4	4.147	0.051	0.024	0.033	0.085		Set Trigger
5	4.168	0.051	0.024	0.033	0.085		Set Trigger

4-4-11

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 8/31/2009

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



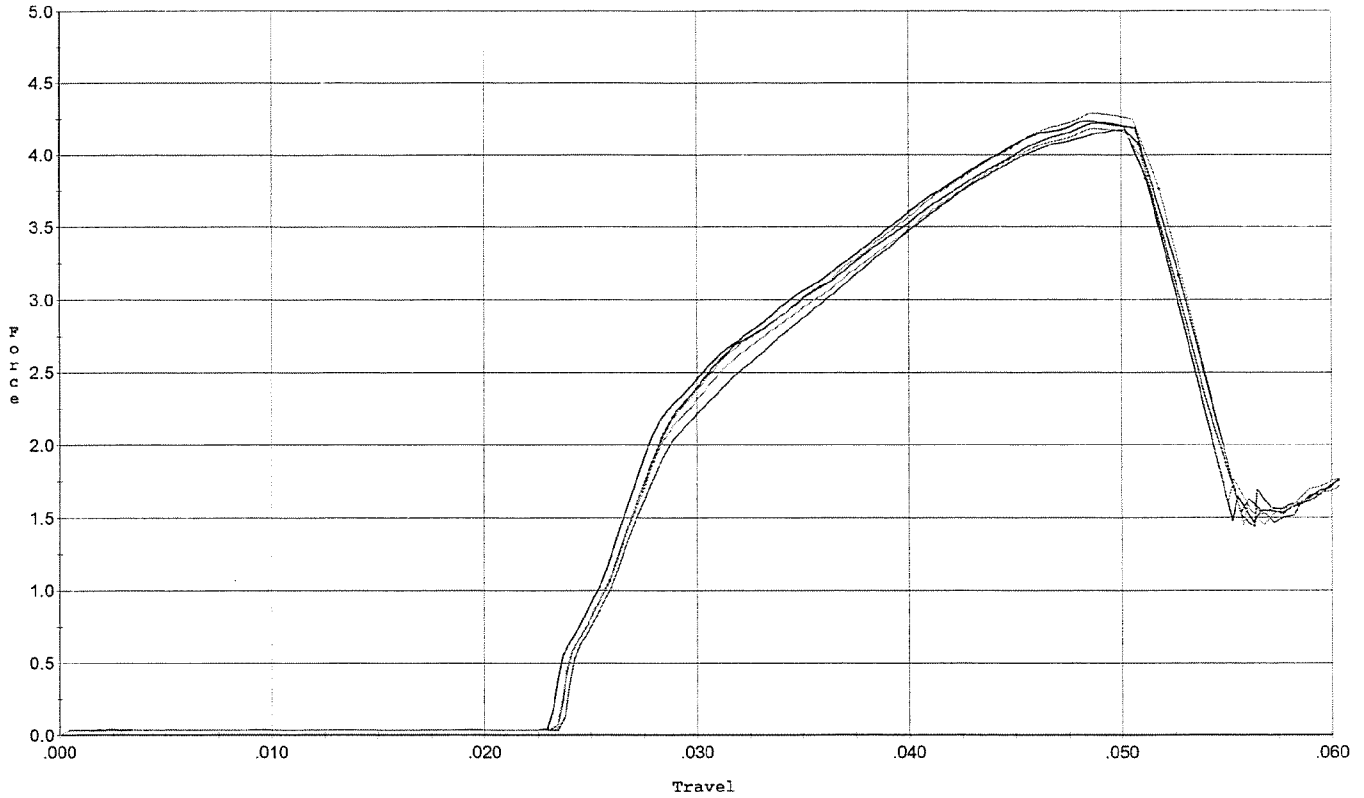
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.520	0.050	0.025	0.037	0.048		Set Trigger
2	2.429	0.050	0.025	0.038	0.046		Set Trigger
3	2.445	0.050	0.025	0.038	0.047		Set Trigger
4	2.392	0.050	0.025	0.038	0.045		Set Trigger
5	2.455	0.050	0.025	0.038	0.046		Set Trigger

A 2.44

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 8/31/2009

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.217	0.053	0.024	0.032	0.090		Set Trigger
2	4.235	0.051	0.023	0.032	0.088		Set Trigger
3	4.174	0.051	0.024	0.033	0.084		Set Trigger
4	4.183	0.051	0.024	0.032	0.085		Set Trigger
5	4.286	0.052	0.024	0.032	0.089		Set Trigger

A-24-21

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6863596.__0
FILE DATE AND TIME: 09/23/2009 08:09

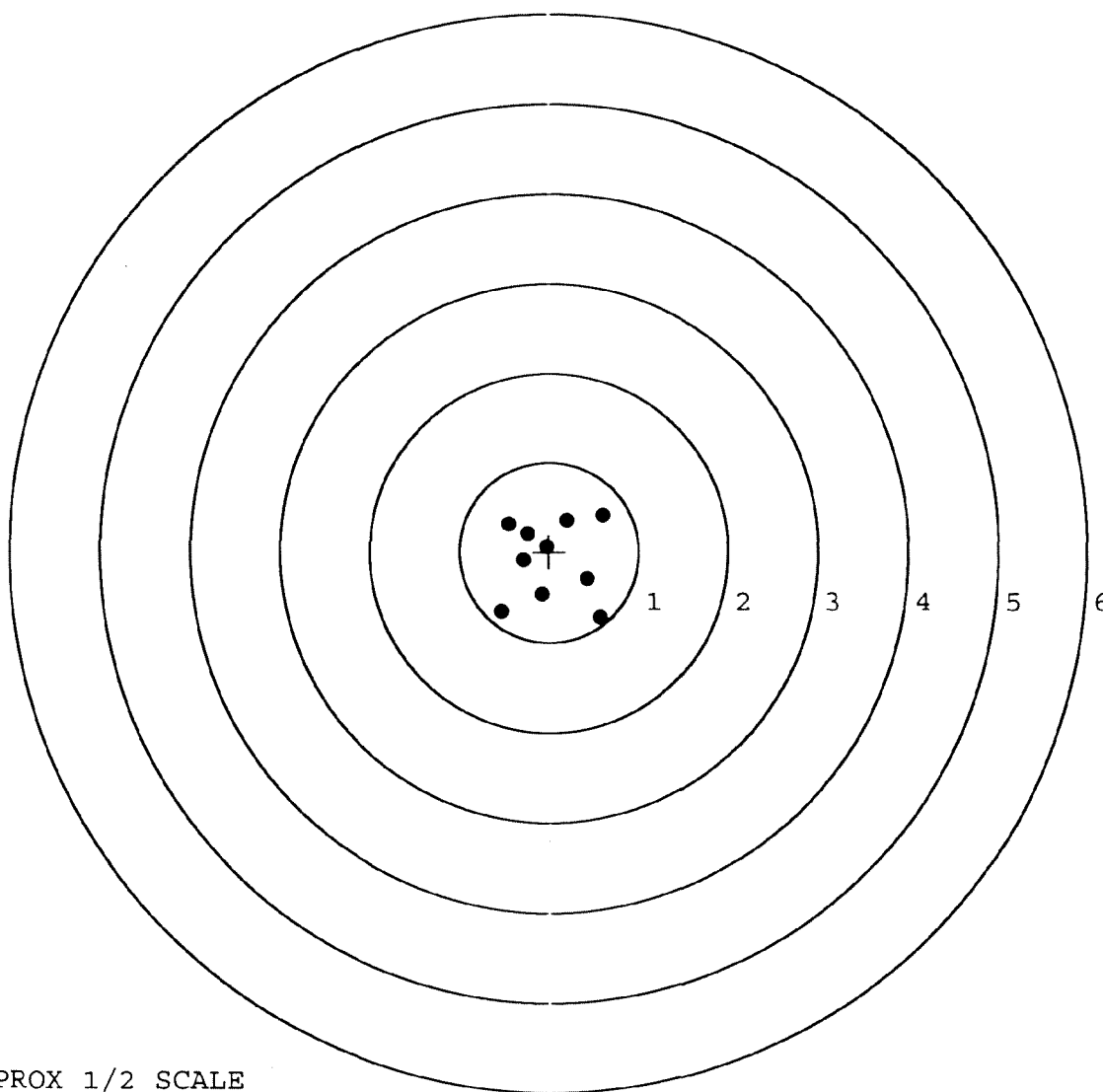
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.022
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.044
The Average Mean Radius of the Five Target Set:	0.594
The Distance from POA to Centroid Target #1:	0.097
The Distance from Centroid Target #2 to Centroid Target #1:	0.043
The Distance from Centroid Target #3 to Centroid Target #1:	0.284
The Distance from Centroid Target #4 to Centroid Target #1:	0.187
The Distance from Centroid Target #5 to Centroid Target #1:	0.169

SERIAL NUMBER: G6863596. __0
TARGET NUMBER: 1
FILE DATE: 09/23/2009
FILE TIME: 08:09

X CENTROID: 0.014
Y CENTROID: -0.095
POA TO CENTROID: 0.097
HORZ SPREAD: 1.128
VERT SPREAD: 1.136
GROUP SPREAD: 1.464
MIN RADIUS: 0.157
MAX RADIUS: 0.846
MEAN RADIUS: 0.522
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.572	-0.732
2:	0.425	-0.303
3:	-0.085	-0.479
4:	-0.534	-0.663
5:	0.594	0.404
6:	0.200	0.348
7:	-0.032	0.054
8:	-0.291	-0.094
9:	-0.250	0.200
10:	-0.456	0.310



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863596. 0

TARGET NUMBER: 2

FILE DATE: 09/23/2009

FILE TIME: 08:09

X CENTROID: 0.025

Y CENTROID: -0.054

POA TO CENTROID: 0.060

HORZ SPREAD: 2.066

VERT SPREAD: 1.468

GROUP SPREAD: 2.183

MIN RADIUS: 0.021

MAX RADIUS: 1.522

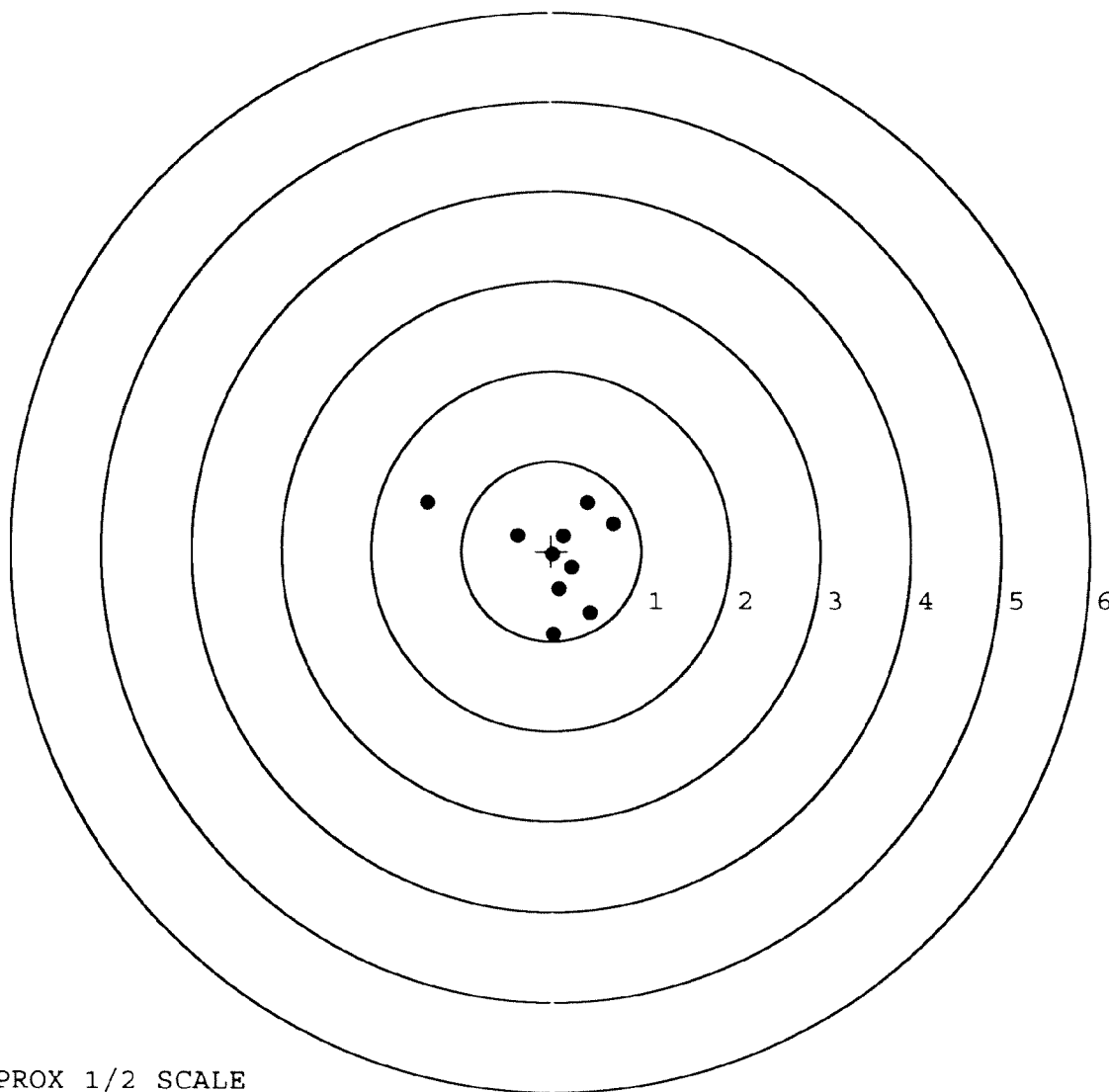
MEAN RADIUS: 0.595

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.379	0.534
2:	-0.377	0.174
3:	0.403	0.538
4:	0.687	0.304
5:	0.136	0.168
6:	0.014	-0.036
7:	0.228	-0.183
8:	0.087	-0.420
9:	0.429	-0.690
10:	0.022	-0.930



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863596.___0

TARGET NUMBER: 3

FILE DATE: 09/23/2009

FILE TIME: 08:09

X CENTROID: -0.269

Y CENTROID: -0.088

POA TO CENTROID: 0.283

HORZ SPREAD: 2.062

VERT SPREAD: 2.834

GROUP SPREAD: 2.895

MIN RADIUS: 0.336

MAX RADIUS: 1.768

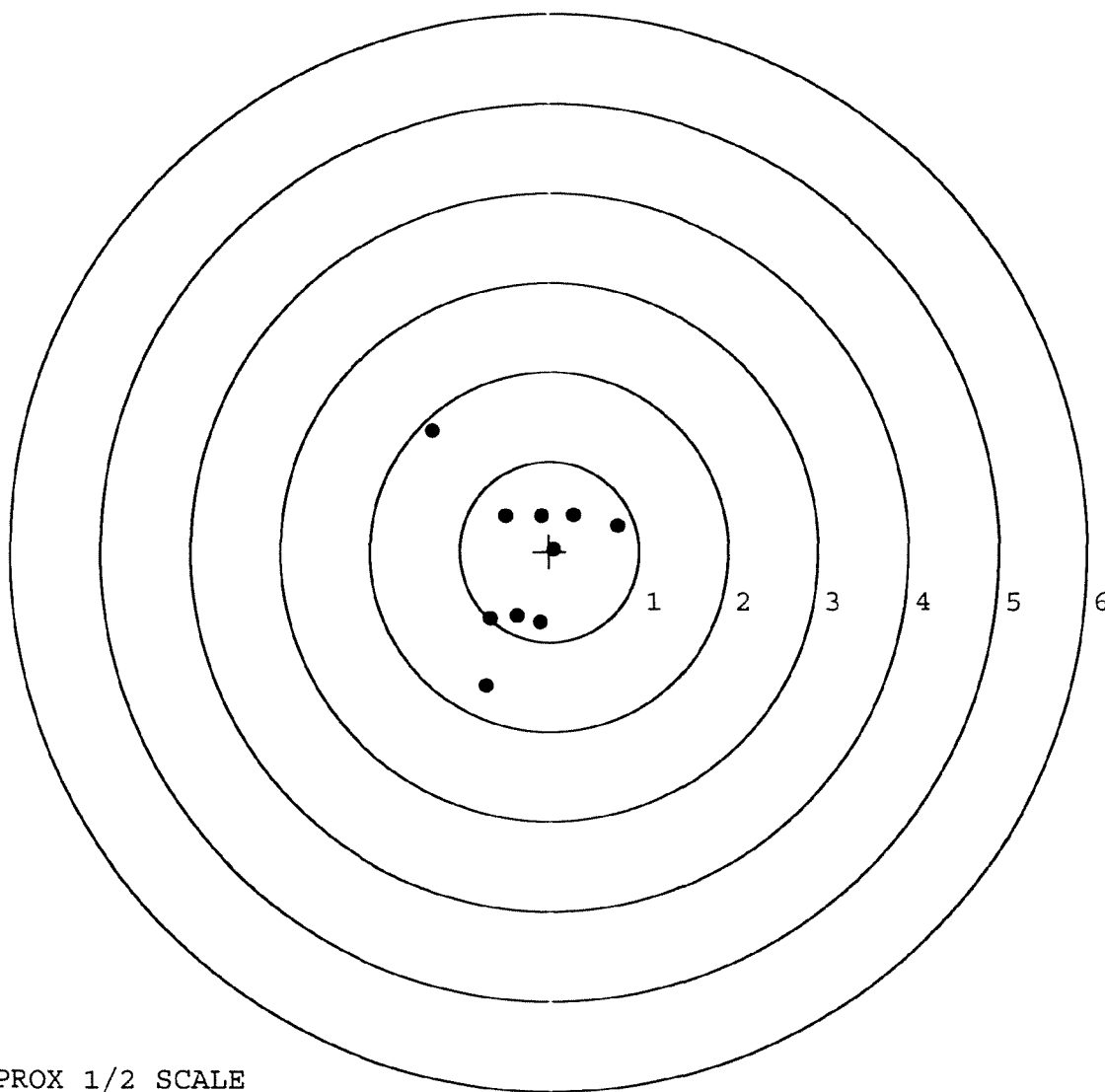
MEAN RADIUS: 0.855

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.304	1.345
2:	-0.500	0.394
3:	-0.099	0.398
4:	0.266	0.403
5:	0.758	0.281
6:	0.048	0.022
7:	-0.110	-0.785
8:	-0.373	-0.710
9:	-0.666	-0.741
10:	-0.713	-1.489



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863596.___0

TARGET NUMBER: 4

FILE DATE: 09/23/2009

FILE TIME: 08:09

X CENTROID: -0.051

Y CENTROID: 0.079

POA TO CENTROID: 0.094

HORZ SPREAD: 1.540

VERT SPREAD: 1.285

GROUP SPREAD: 1.569

MIN RADIUS: 0.132

MAX RADIUS: 0.959

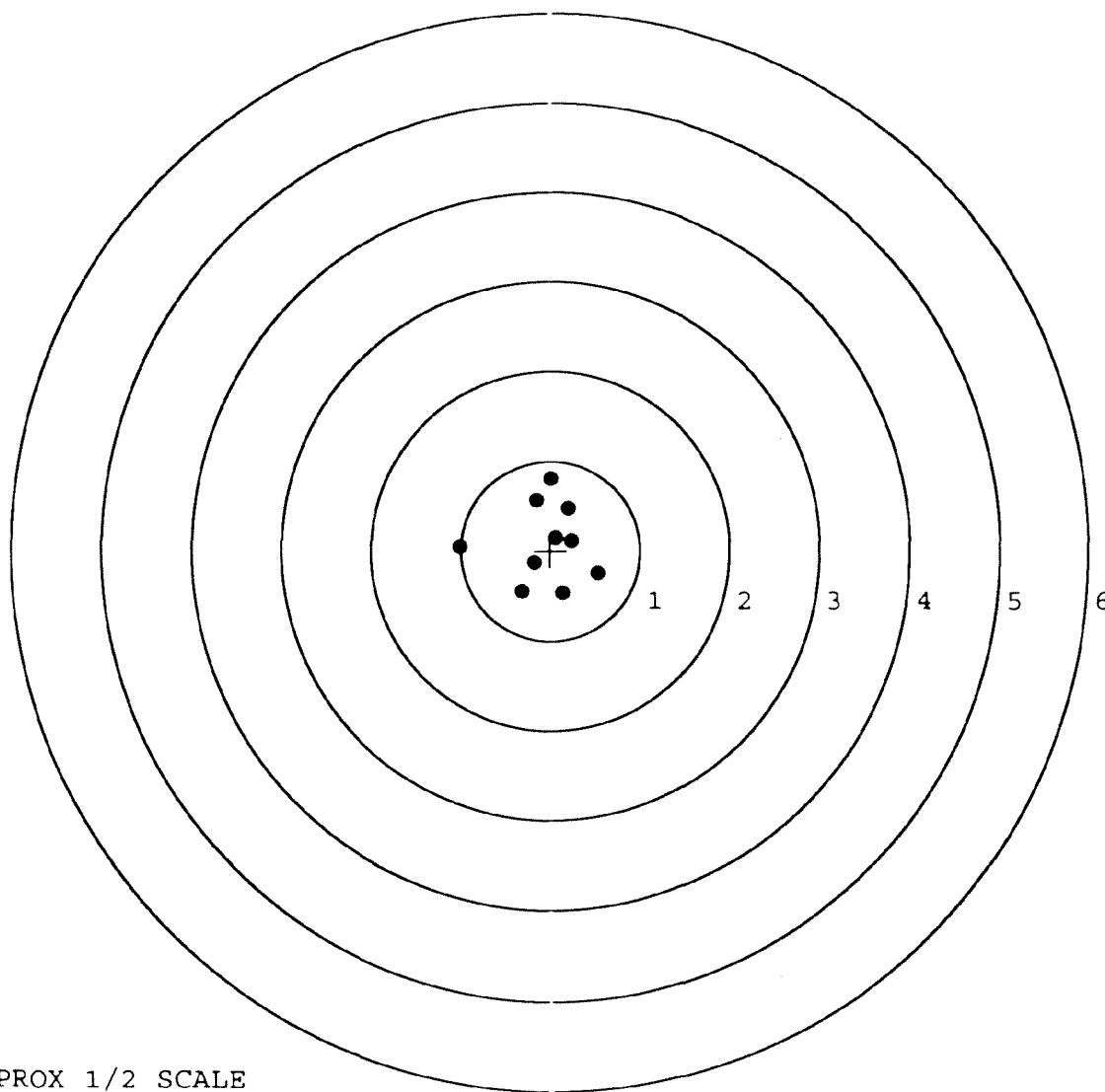
MEAN RADIUS: 0.518

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.010	0.040
2:	-0.321	-0.458
3:	-0.181	-0.140
4:	0.136	-0.479
5:	0.530	-0.258
6:	0.003	0.806
7:	-0.162	0.563
8:	0.194	0.467
9:	0.234	0.107
10:	0.064	0.143



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863596. __0

TARGET NUMBER: 5

FILE DATE: 09/23/2009

FILE TIME: 08:09

X CENTROID: 0.171

Y CENTROID: -0.034

POA TO CENTROID: 0.175

HORZ SPREAD: 1.168

VERT SPREAD: 1.397

GROUP SPREAD: 1.585

MIN RADIUS: 0.138

MAX RADIUS: 1.146

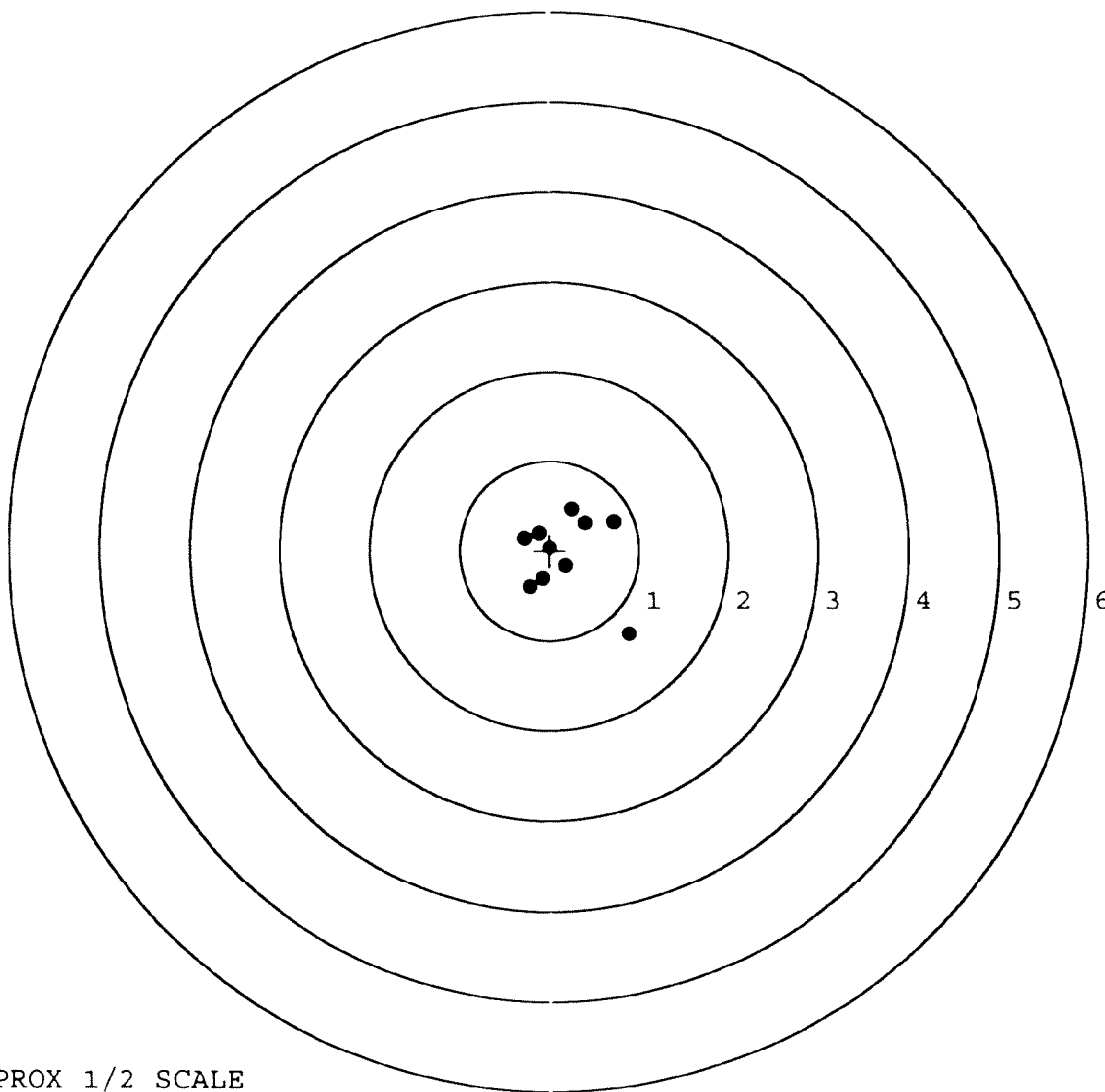
MEAN RADIUS: 0.483

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.248	0.465
2:	0.397	0.313
3:	0.719	0.322
4:	0.883	-0.932
5:	-0.225	-0.406
6:	-0.080	-0.309
7:	0.182	-0.171
8:	-0.285	0.140
9:	-0.124	0.206
10:	-0.003	0.034



TARGET APPROX 1/2 SCALE

Remington



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

MODEL 700™ H24

SERIAL NO.

C6349217

ORDER NO.

5716

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

01



5716 C6349217

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400093573

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349217

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 2	90	RW
600	Proof	5 2	90	RW
607	Check Headspace	5 2	90	RW
610	Dis-assemble Gun	5 2	90	RW
612	Magnaflux Barrel Action	5-8-90		KCR
	Magnaflux Bolt	5-8-90		KCR
615	Rollmark Caliber		5/8/90	CS
617	Drill and Tap Sight Holes		5/9/90	FB
618	Polish Barrel RW		5/10/90	WB
620	Apply Coatings (Barrel Action)		5/16/90	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/18/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/18/90	RW
	C) Inspect Ejector Hole for Chamfer		5/18/90	RW
	D) Oil Firing Pin Ass'y		5/18/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/21/90	21

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2	5/22/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2	5/22/90	WB
	H) Trigger Pull Test & Retainability				5/21/90	HL
	I) Firing Pin Indent	.0225	.023	.023	5/22/90	WB
	J) Assemble Stock				5/22/90	RW
	K) Assemble Swivel Studs				24 May 90	DS
	L) Attach Front and Rear Sight Assemblies				5/22/90	RW
	M) Iron Sight Alignment				5/22/90	RW
	N) Detach Front & Rear Sights & place in numbered container				5/22/90	RW
	O) Attach Scope to Rifle				5/22/90	WB
	P) Detach & Attach Scope 20 Times				5/22/90	WB
640	Gallery Target & Test				5-22-90	DH
	A) Time				5-22-90	DH
	B) Malfunctions				5-22-90	DH
	C) Pierced Primers				5-22-90	DH
	D) Optical Clarity of Scope				5-22-90	DH
645	Inspect for Live Ammo				5-22-90	DH
655	Final Inspection					
	A) Headspace				24 May 90	DS
	B) Trigger Pull	232	229	229	24 May 90	DS
	C) Function				24 May 90	DS
660	Pack				6/20/90	DH

SWS TRIGGER PULL TEST

TIM

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO 06349217

DATE 5/21/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.33	2.31	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.17	2.28	2.29	
PULL #3	2.18	2.26	2.30	2.29	
PULL #4	2.27	2.23	2.24	2.32	
PULL #5	2.19	2.17	2.26	2.27	
TOTAL	11.12	11.16	11.39		
AVG.	2.224	2.232	2.278		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.49	3.37		
PULL #2	3.45	3.50		
PULL #3	3.52	3.45		
PULL #4	3.32	3.50		
PULL #5	3.53	3.51		
TOTAL	17.31	17.33		
AVG.	3.462	3.466		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.49	4.32		4.06
PULL #2	4.47	4.13		4.15
PULL #3	4.45	4.22		4.19
PULL #4	4.52	4.10		4.14
PULL #5	4.21	4.26		4.22
TOTAL	22.14	21.02		20.76
AVG.	4.428	4.204		4.152

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349217
23 May 1990

CENTROIDAL DISTANCES

0 TO	1	.451701
1 TO	2	.423562
1 TO	3	.361437
1 TO	4	.260526
1 TO	5	.218753

$\frac{3}{5}$ ←----POA

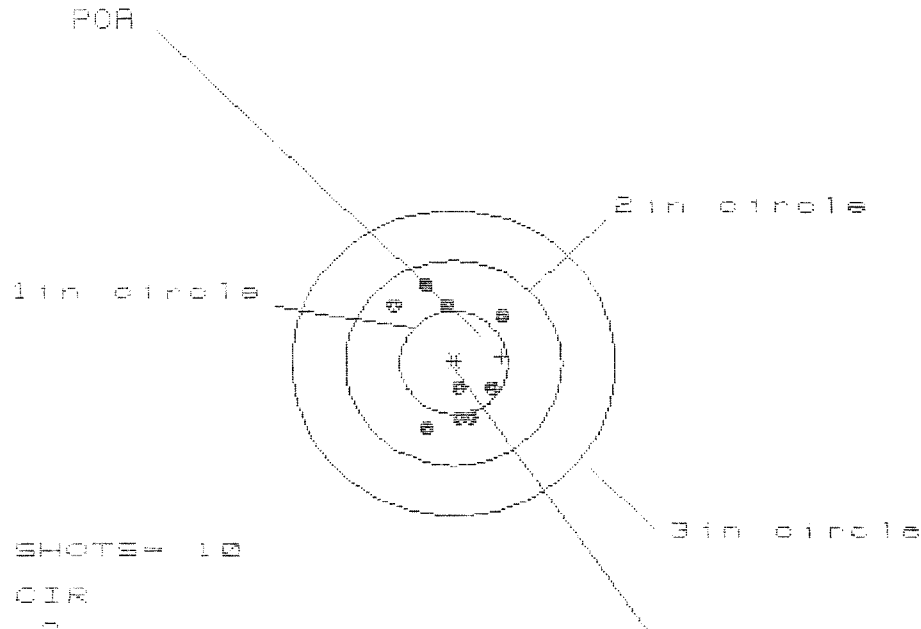
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3146
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0016
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .314604
THE AMR FOR THIS RIFLE IS: .7846

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CS343217

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 10

3 in = 10

HSI = .992

VS = 1.416

GS = 1.418

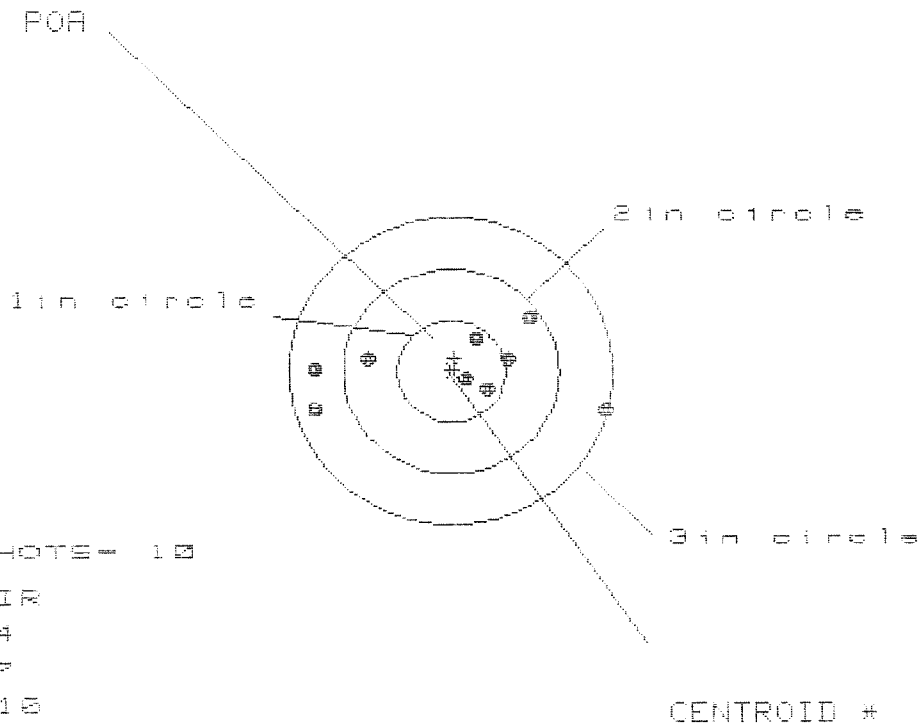
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.412	.347	.306
MINIMUM X	-.580	-.335	-.310
MAXIMUM Y	.768	.836	.734
MINIMUM Y	-.648	-.580	-.475
CENTROID X	-.447	-.382	-.341
CENTROID Y	-.065	-.133	-.237
POA TO CENTROID in.	.452	.405	.415
MIN RADIUS	.261	.180	.076
MEAN RADIUS	.560	.500	.403
MAX RADIUS	.841	.900	.761
HORIZONTAL SPREAD	.992	.682	.616
VERTICAL SPREAD	1.416	1.416	1.209
EXTREME SPREAD	1.418	1.418	1.287
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	10		
NUMBER IN THREE INCH CIRCLE =	10		

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349217

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS = 2.738

VS = .970

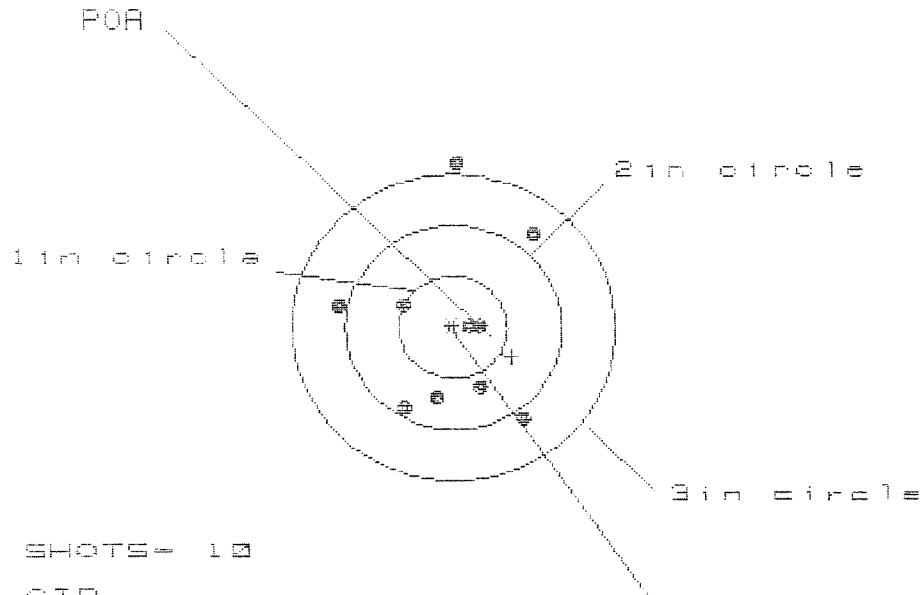
GS = 2.767

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.420	.852	.707
MINIMUM X	:	-1.318	-1.160	-1.305
MAXIMUM Y	:	.569	.525	.469
MINIMUM Y	:	-.401	-.444	-.246
CENTROID X	:	-.028	-.186	-.041
CENTROID Y	:	-.127	-.083	-.027
POR TO CENTROID in.	:	.130	.204	.049
MIN RADIUS	:	.144	.302	.229
MEAN RADIUS	:	.747	.705	.586
MAX RADIUS	:	1.476	1.240	1.309
HORIZONTAL SPREAD	:	2.738	2.012	2.012
VERTICAL SPREAD	:	.970	.969	.715
EXTREME SPREAD	:	2.767	2.231	2.092
NUMBER IN ONE INCH CIRCLE =	:	4		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	10		

32 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349217

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 1.790

VS= 2.444

GS= 2.523

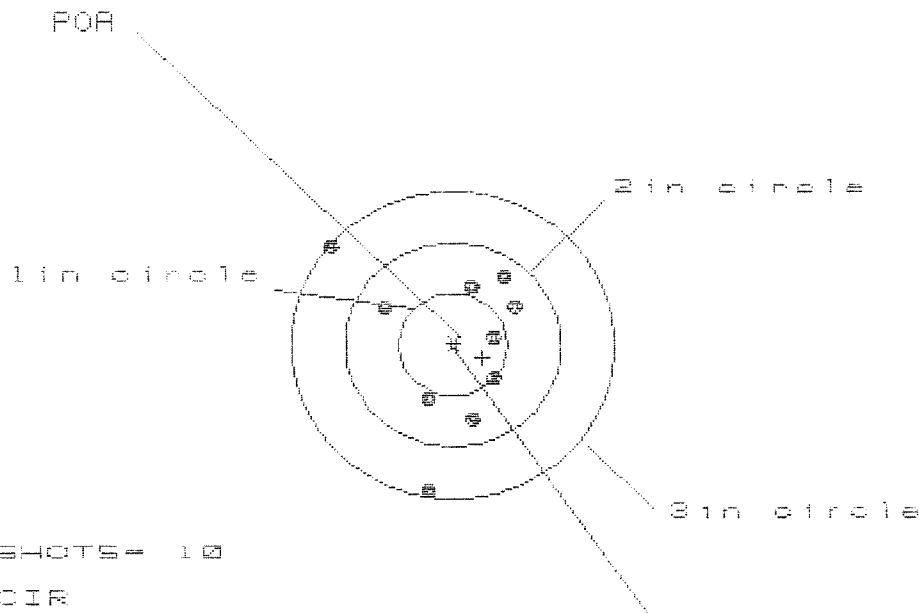
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.730	.732	.741
MINIMUM X	:	-1.050	-1.048	-.957
MAXIMUM Y	:	1.579	1.078	.528
MINIMUM Y	:	-.865	-.690	-.555
CENTROID X	:	-.541	-.543	-.634
CENTROID Y	:	.284	.109	-.026
POA TO CENTROID in.	:	.611	.554	.635
MIN RADIUS	:	.179	.271	.409
MEAN RADIUS	:	.799	.695	.616
MAX RADIUS	:	1.579	1.303	1.073
HORIZONTAL SPREAD	:	1.700	1.700	1.698
VERTICAL SPREAD	:	2.444	1.768	1.083
EXTREME SPREAD	:	2.523	2.049	1.992
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/05349217

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 1.688

VS= 2.355

GS= 2.537

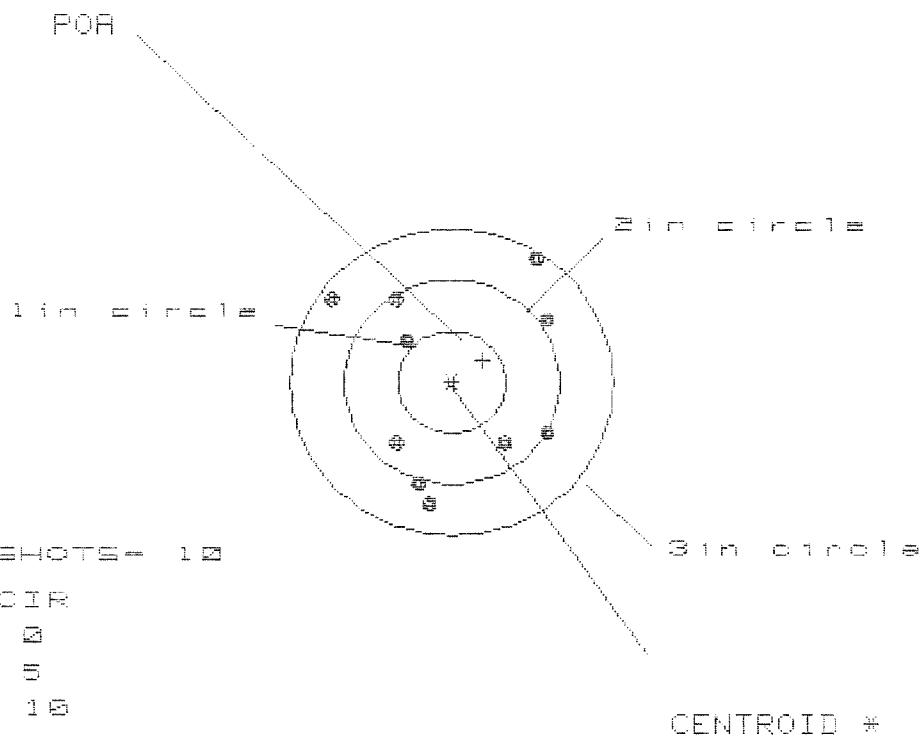
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.561	.436	.397
MINIMUM X	-1.127	-.735	-.774
MAXIMUM Y	.977	.764	.605
MINIMUM Y	-1.378	-1.269	-.805
CENTROID X	-.272	-.147	-.108
CENTROID Y	.128	.019	.178
POA TO CENTROID in.	.301	.148	.208
MIN RADIUS	.416	.324	.250
MEAN RADIUS	.791	.687	.590
MAX RADIUS	1.492	1.307	.829
HORIZONTAL SPREAD	1.688	1.171	1.171
VERTICAL SPREAD	2.355	2.033	1.410
EXTREME SPREAD	2.537	2.126	1.443
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

22 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349217

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

10 = 0.000

50 = 0.000

100 = 0.000

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.898	.989	.855
MINIMUM X	:	-1.158	-1.067	-.581
MAXIMUM Y	:	1.178	.972	1.093
MINIMUM Y	:	-1.211	-1.080	-.959
CENTROID X	:	-.285	-.376	-.242
CENTROID Y	:	-.212	-.343	-.464
POA TO CENTROID in.	:	.356	.509	.524
MIN RADIUS	:	.584	.591	.581
MEAN RADIUS	:	1.026	.963	.882
MAX RADIUS	:	1.432	1.441	1.238
HORIZONTAL SPREAD	:	2.056	2.056	1.436
VERTICAL SPREAD	:	2.389	2.052	2.052
EXTREME SPREAD	:	2.595	2.466	2.080
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	