

05348846

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00173922

Serial: C6348846 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1999

Repairman:

Status:

Closed 8/27/2009 2:55:34 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

FPL:

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
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

naglej

8/28/2009

8:29 AM

CAPS

NUM

INS

SCRL

start

Microsoft Office ...

Internet Explorer

Microsoft Office ...

Arms Services Repal...

Part Search by Mate...

8:29 AM

Serial Number: C6348846

Model: M24 SWS



RE00173922

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

173922

SERIAL NUMBER

C6348846

LOG-IN DATE

8-27-09

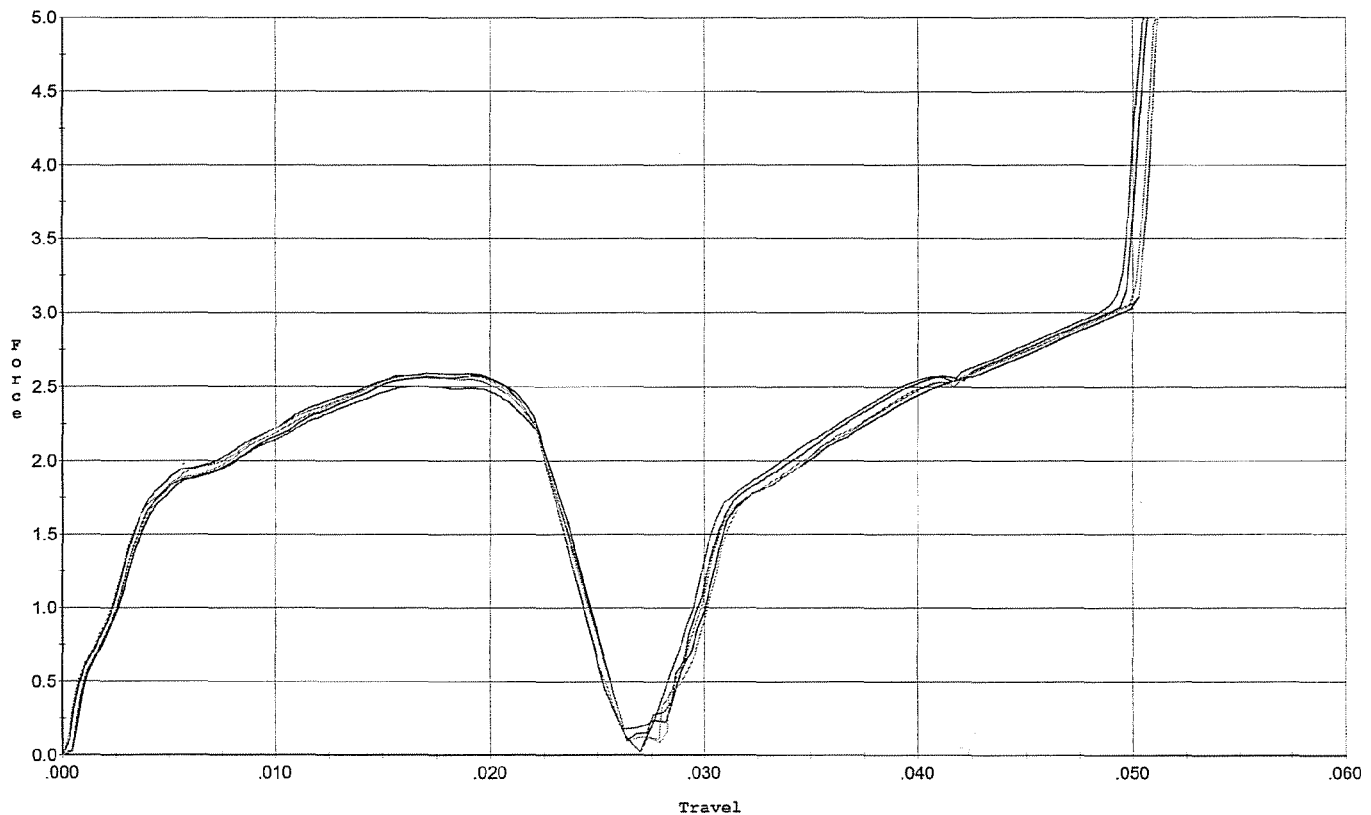
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-2-09	RJZ
505	RE-BARREL	9-4-09	RJZ
420	ASSEMBLE	9-4-09	RJZ
440	PROOF	9-4-09	RJZ
460	CHECK HEADSPACE	9-4-09	RJZ
470	DIS-ASSEMBLE GUN	9-4-09	RJZ
480	MAGNAFLUX	9/10/09	RJZ
510	DRILL AND TAP	9-8-09	SP
500	ROLLMARK CALIBER	9/10/09	SP
520	GOFF BLAST BBL / REC	9/10/09	SP
530 & 540	APPLY COATINGS	9/16	SP
560	FINAL ASSEMBLY	9-21-09	RJZ
640	FUNCTION TEST AND	9-21-09	RJZ
650	TARGET	9-21-09	RJZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-21-09	RP
	A) HEADSPACE	9-23-09	RJZ
	B) TRIGGER PULL	2.75 2.70 2.68 2.67 2.68 9-22-09	TL
680	F) SAFETY ON FORCE	6-0 6-0 6-0 9-23-09	RJZ
	G) SAFETY OFF FORCE	2-0 2-0 2-0	
	I) FIRING PIN INDENT	.021 .021 .021	
690	PACK	9/25/09	Fm

F006 REV 1/2009

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/1/2009

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



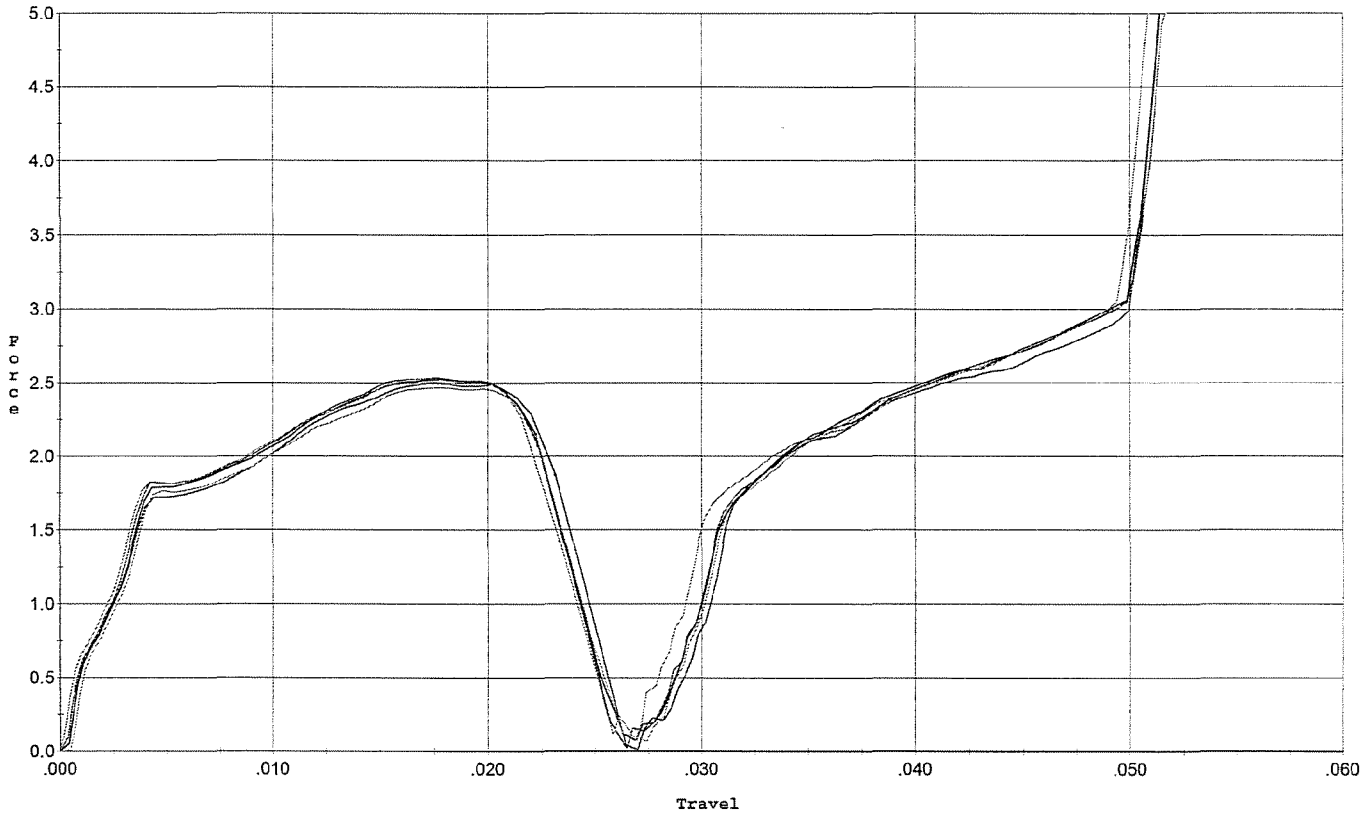
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.588	0.022	0.00	0.032	0.043		Single Action
2	2.573	0.024	0.00	0.032	0.045		Single Action
3	2.505	0.024	0.00	0.032	0.045		Single Action
4	2.590	0.022	0.00	0.033	0.043		Single Action
5	2.572	0.022	0.00	0.033	0.043		Single Action

A 2.56

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: cms 9/1/2009

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



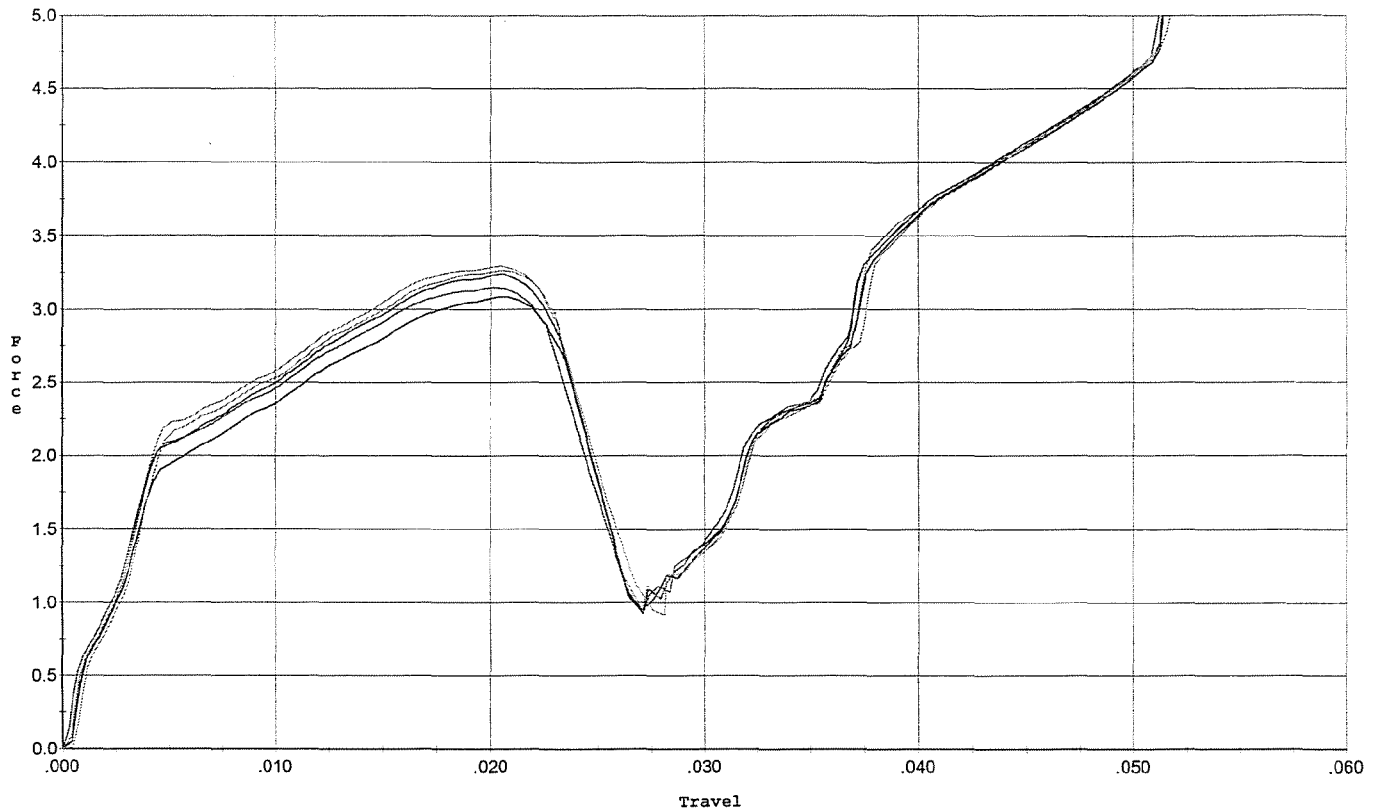
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.501	0.023	0.00	0.033	0.043		Single Action
2	2.523	0.022	0.00	0.033	0.042		Single Action
3	2.534	0.022	0.00	0.033	0.042		Single Action
4	2.468	0.022	0.00	0.033	0.041		Single Action
5	2.526	0.023	0.00	0.033	0.044		Single Action

A-2-51

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/1/2009

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



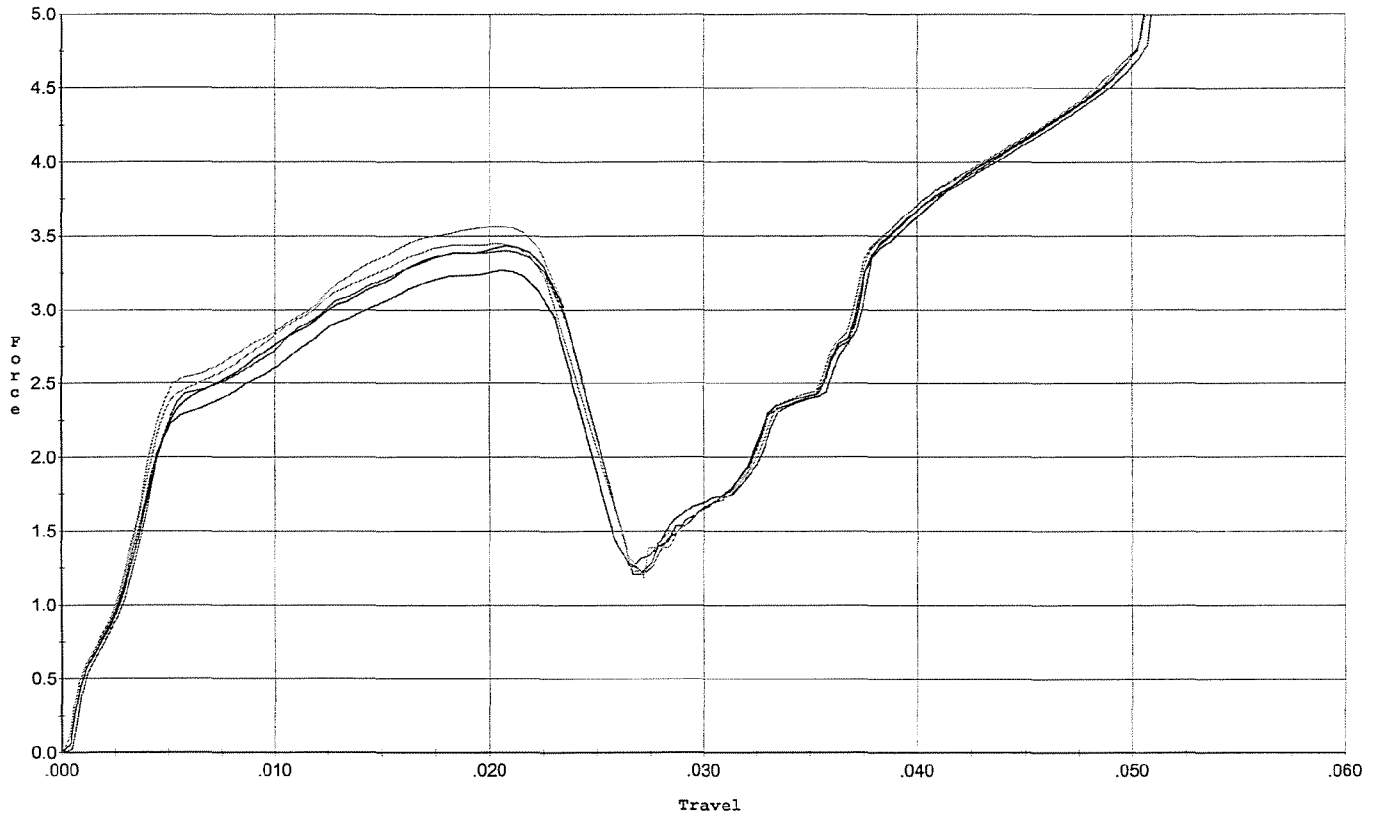
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.243	0.023	0.00	0.031	0.053		Single Action
2	3.083	0.023	0.00	0.031	0.051		Single Action
3	3.151	0.023	0.00	0.031	0.051		Single Action
4	3.264	0.023	0.00	0.031	0.053		Single Action
5	3.297	0.023	0.00	0.031	0.054		Single Action

A-3-20

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/1/2009

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



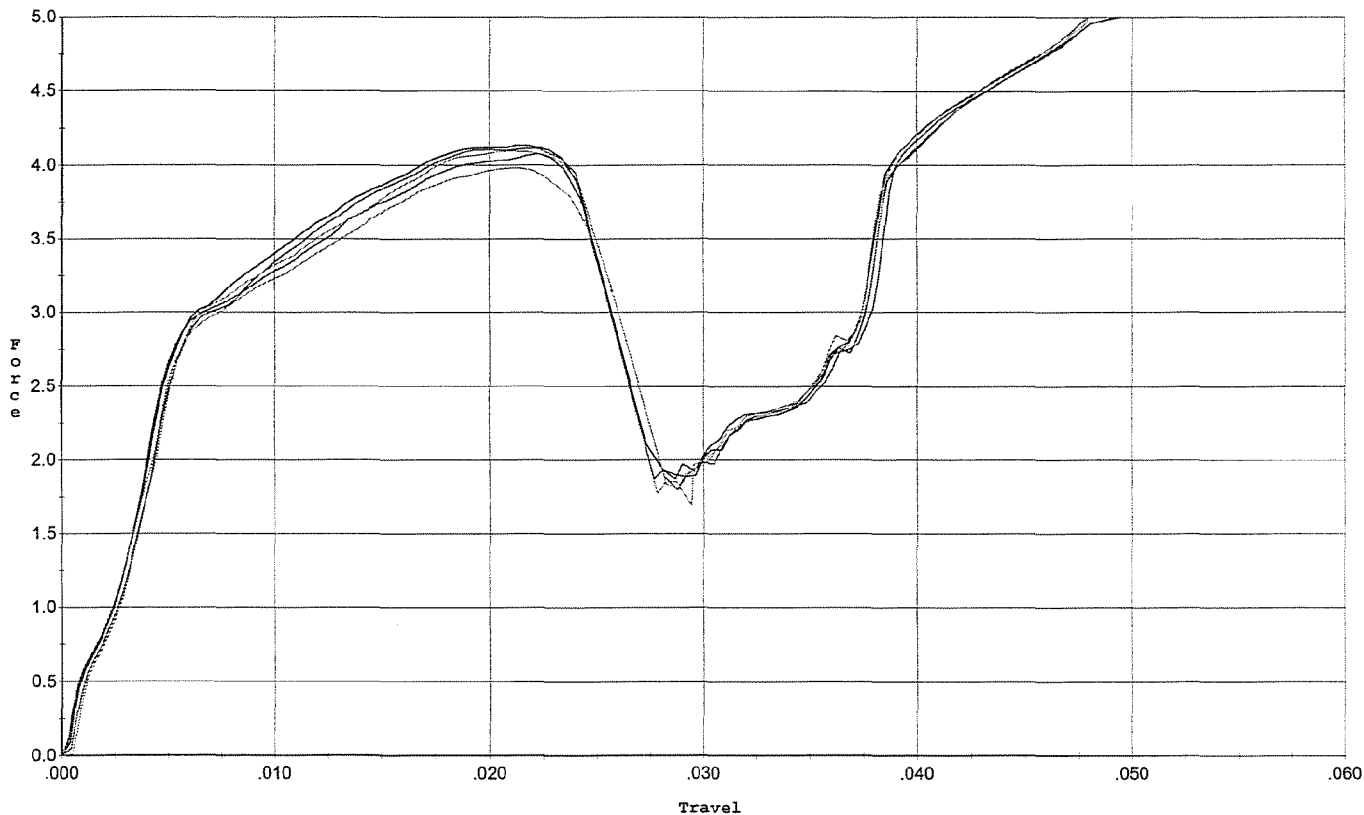
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.266	0.023	0.00	0.030	0.054		Single Action
2	3.434	0.023	0.00	0.030	0.057		Single Action
3	3.401	0.024	0.00	0.030	0.057		Single Action
4	3.449	0.023	0.00	0.030	0.056		Single Action
5	3.563	0.023	0.00	0.030	0.060		Single Action

A-3.42

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/1/2009

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



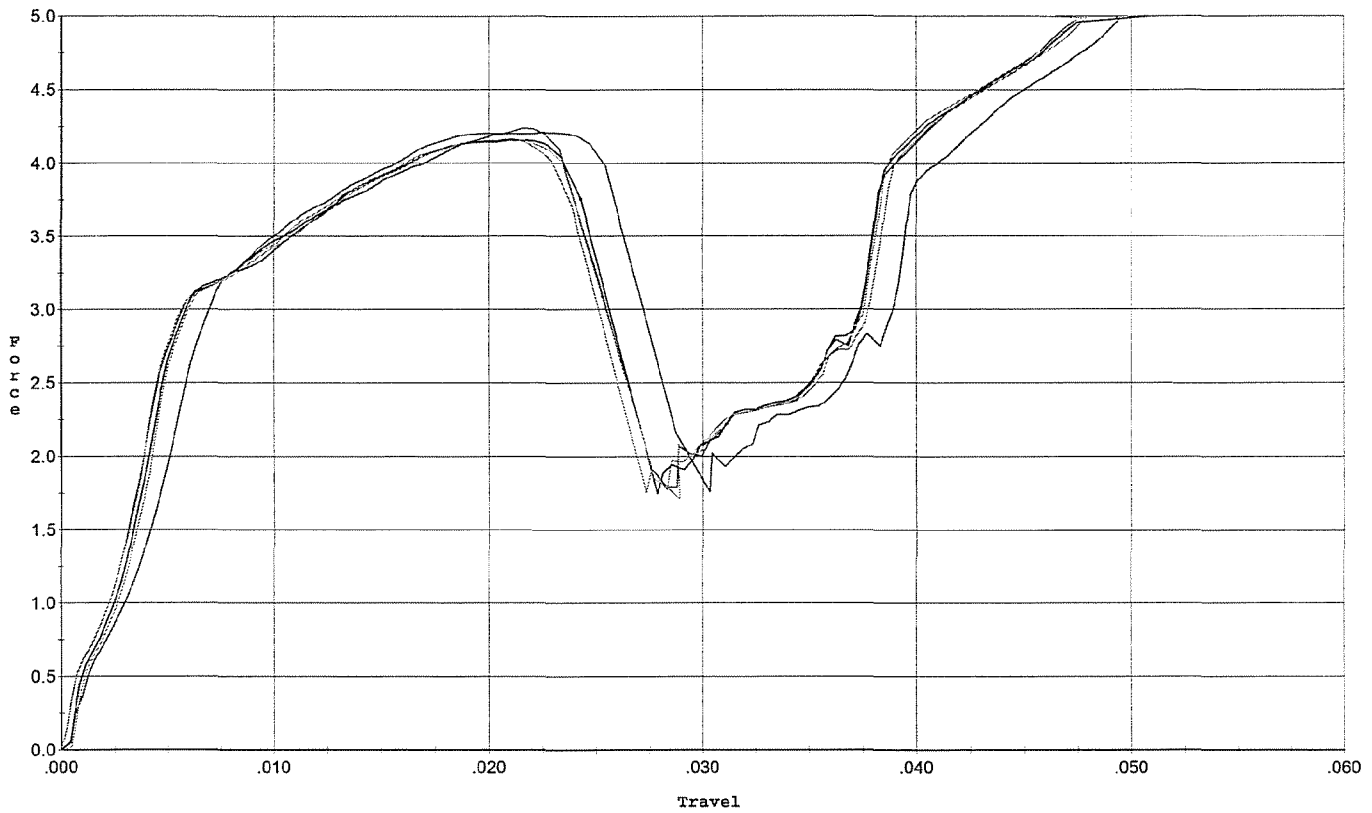
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.077	0.024	0.00	0.028	0.071		Single Action
2	4.135	0.024	0.00	0.028	0.072		Single Action
3	4.115	0.026	0.00	0.028	0.075		Single Action
4	4.095	0.026	0.00	0.028	0.075		Single Action
5	3.980	0.025	0.00	0.028	0.070		Single Action

1A 4.08

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: cms 9/1/2009

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



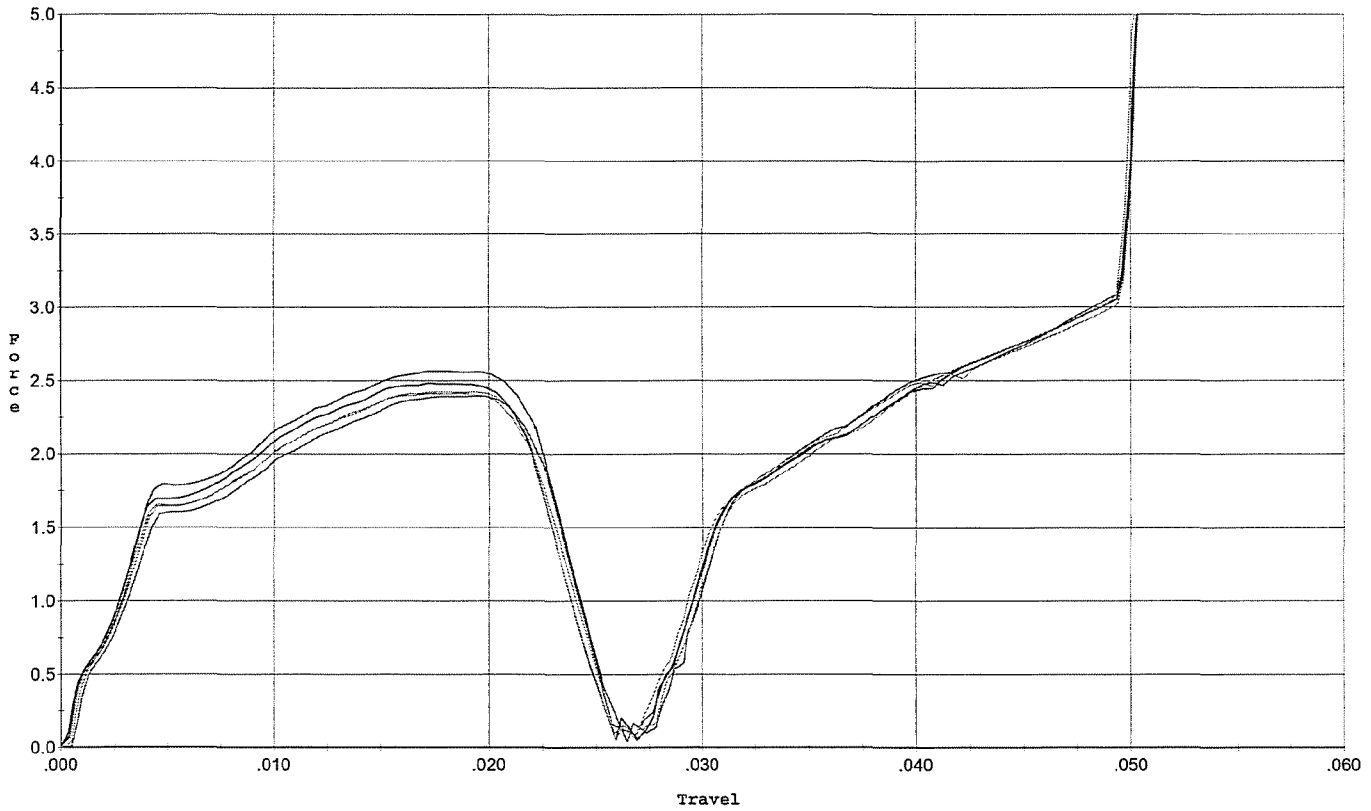
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.207	0.025	0.00	0.025	0.076		Single Action
2	4.158	0.024	0.00	0.028	0.073		Single Action
3	4.240	0.025	0.00	0.028	0.077		Single Action
4	4.159	0.025	0.00	0.028	0.074		Single Action
5	4.166	0.024	0.00	0.029	0.071		Single Action

A 4.18

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: cms 9/1/2009

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



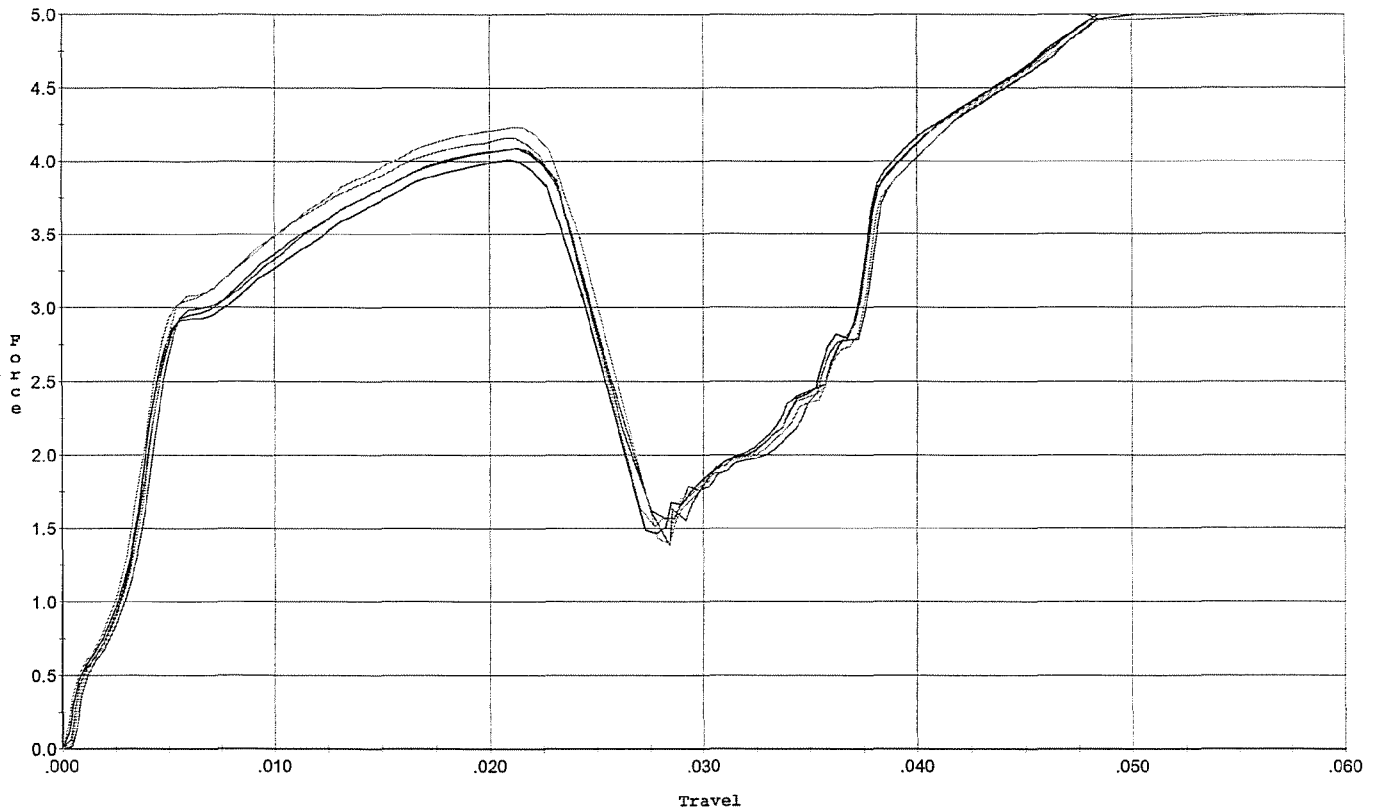
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.564	0.022	0.00	0.032	0.042		Single Action
2	2.482	0.022	0.00	0.032	0.040		Single Action
3	2.396	0.023	0.00	0.032	0.039		Single Action
4	2.425	0.024	0.00	0.032	0.042		Single Action
5	2.413	0.022	0.00	0.032	0.039		Single Action

A-2.45

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: cms 9/1/2009

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	4.085	0.023	0.00	0.029	0.067		Single Action
2	4.012	0.024	0.00	0.029	0.069		Single Action
3	4.091	0.023	0.00	0.029	0.066		Single Action
4	4.231	0.024	0.00	0.029	0.072		Single Action
5	4.159	0.023	0.00	0.029	0.069		Single Action

A 4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348846.__0

FILE DATE AND TIME: 09/22/2009 07:05

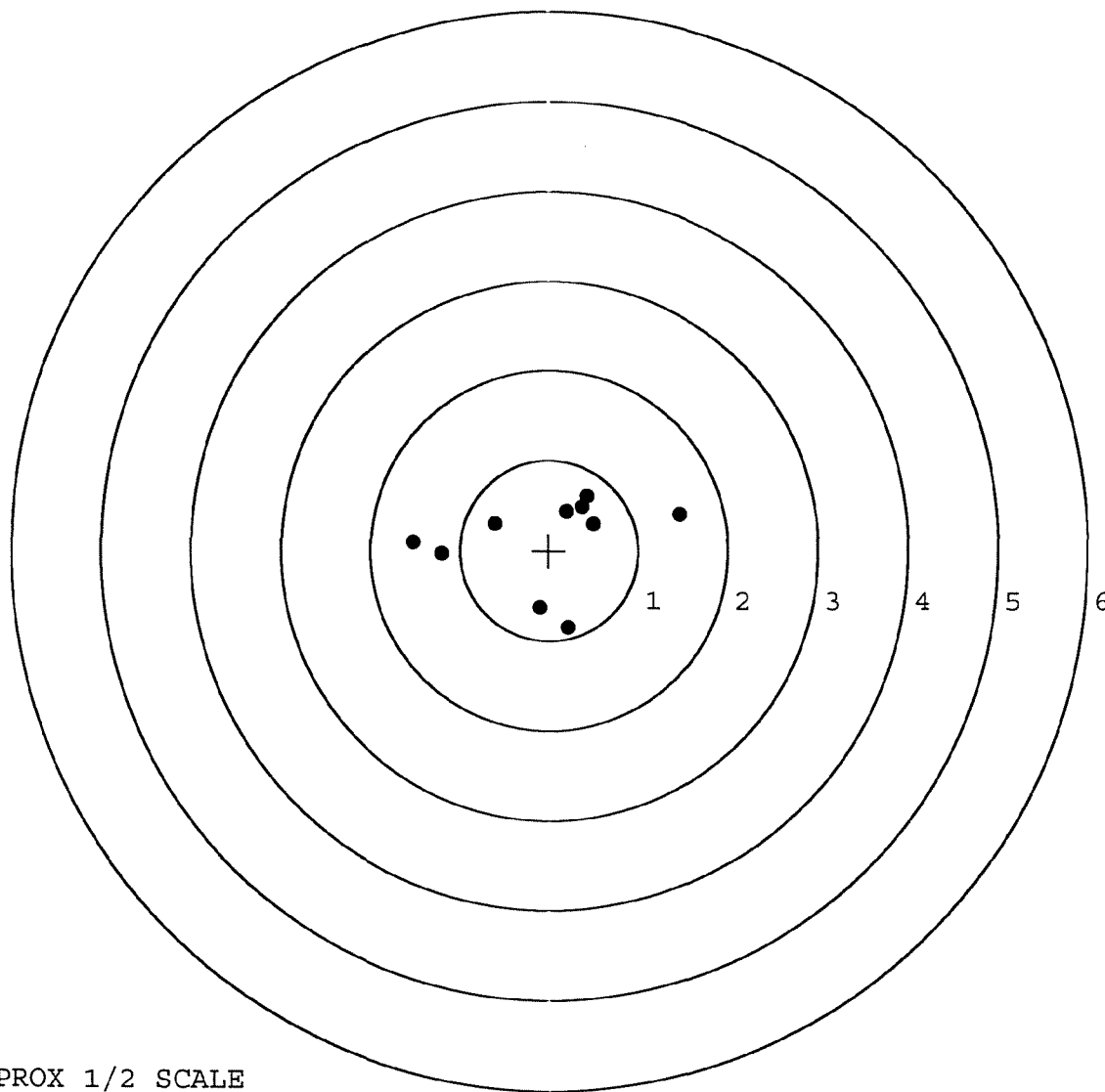
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.078
The Average Y Centroid of the Five Target Set:	0.051
The Average Point of Impact of the Five Target Set:	0.093
The Average Mean Radius of the Five Target Set:	0.662
The Distance from POA to Centroid Target #1:	0.113
The Distance from Centroid Target #2 to Centroid Target #1:	0.128
The Distance from Centroid Target #3 to Centroid Target #1:	0.118
The Distance from Centroid Target #4 to Centroid Target #1:	0.025
The Distance from Centroid Target #5 to Centroid Target #1:	0.235

SERIAL NUMBER: C6348846. __0
 TARGET NUMBER: 1
 FILE DATE: 09/22/2009
 FILE TIME: 07:05

POINT#	X	Y
1:	-1.523	0.098
2:	-1.203	-0.037
3:	-0.616	0.301
4:	-0.103	-0.639
5:	0.220	-0.860
6:	1.459	0.403
7:	0.423	0.604
8:	0.196	0.434
9:	0.496	0.297
10:	0.368	0.491

X CENTROID: -0.028
 Y CENTROID: 0.109
 POA TO CENTROID: 0.113
 HORZ SPREAD: 2.982
 VERT SPREAD: 1.464
 GROUP SPREAD: 2.998
 MIN RADIUS: 0.395
 MAX RADIUS: 1.516
 MEAN RADIUS: 0.874
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348846. __0

TARGET NUMBER: 2

FILE DATE: 09/22/2009

FILE TIME: 07:05

POINT#	X	Y
1:	1.183	1.353
2:	1.040	-0.675
3:	0.168	-0.500
4:	0.707	0.360
5:	-1.292	-0.802
6:	-0.858	0.421
7:	-0.880	-0.094
8:	-0.859	-0.267
9:	-0.239	0.379
10:	-0.166	0.014

X CENTROID: -0.120

Y CENTROID: 0.019

POA TO CENTROID: 0.121

HORZ SPREAD: 2.475

VERT SPREAD: 2.155

GROUP SPREAD: 3.282

MIN RADIUS: 0.047

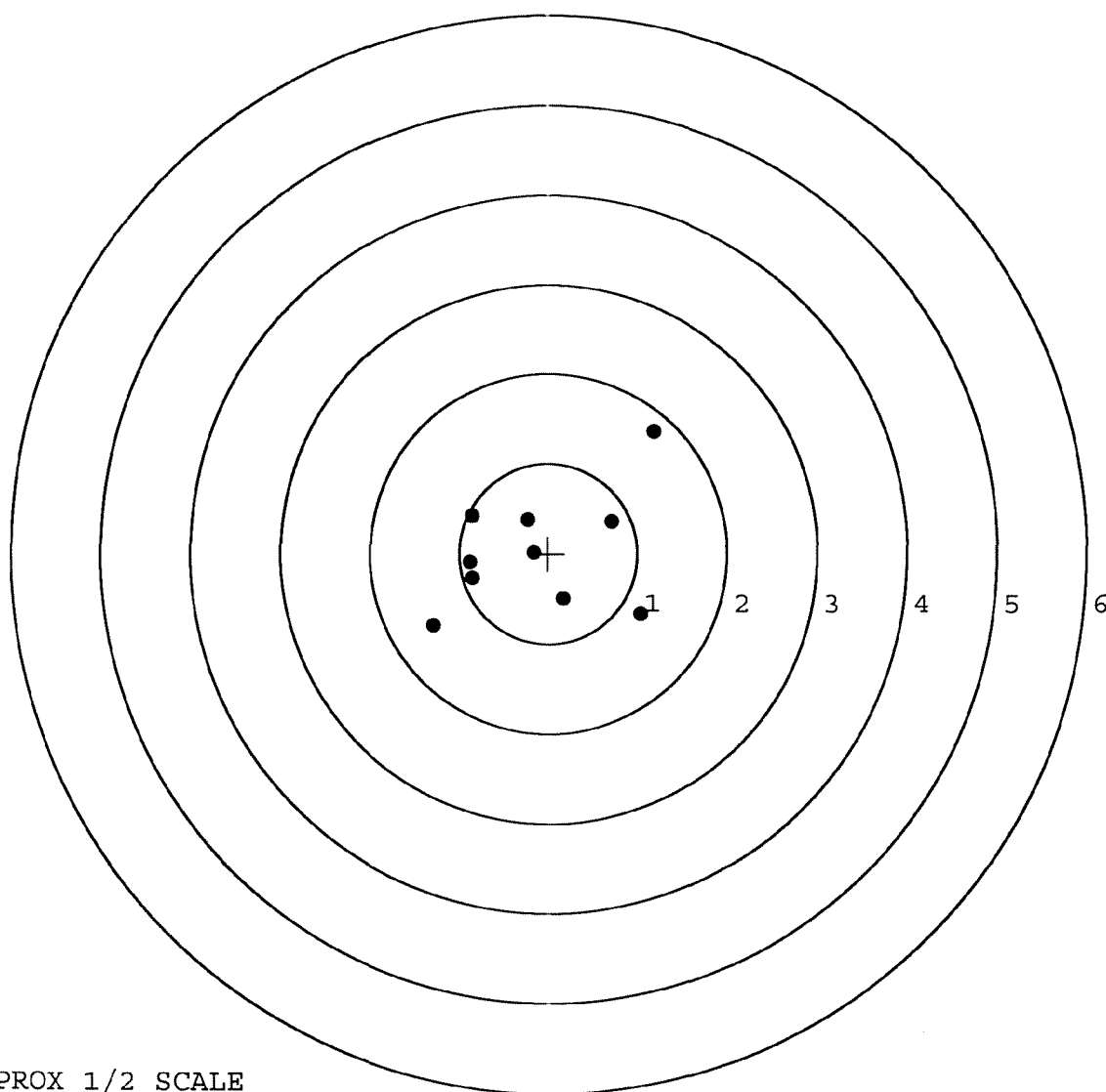
MAX RADIUS: 1.865

MEAN RADIUS: 0.896

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



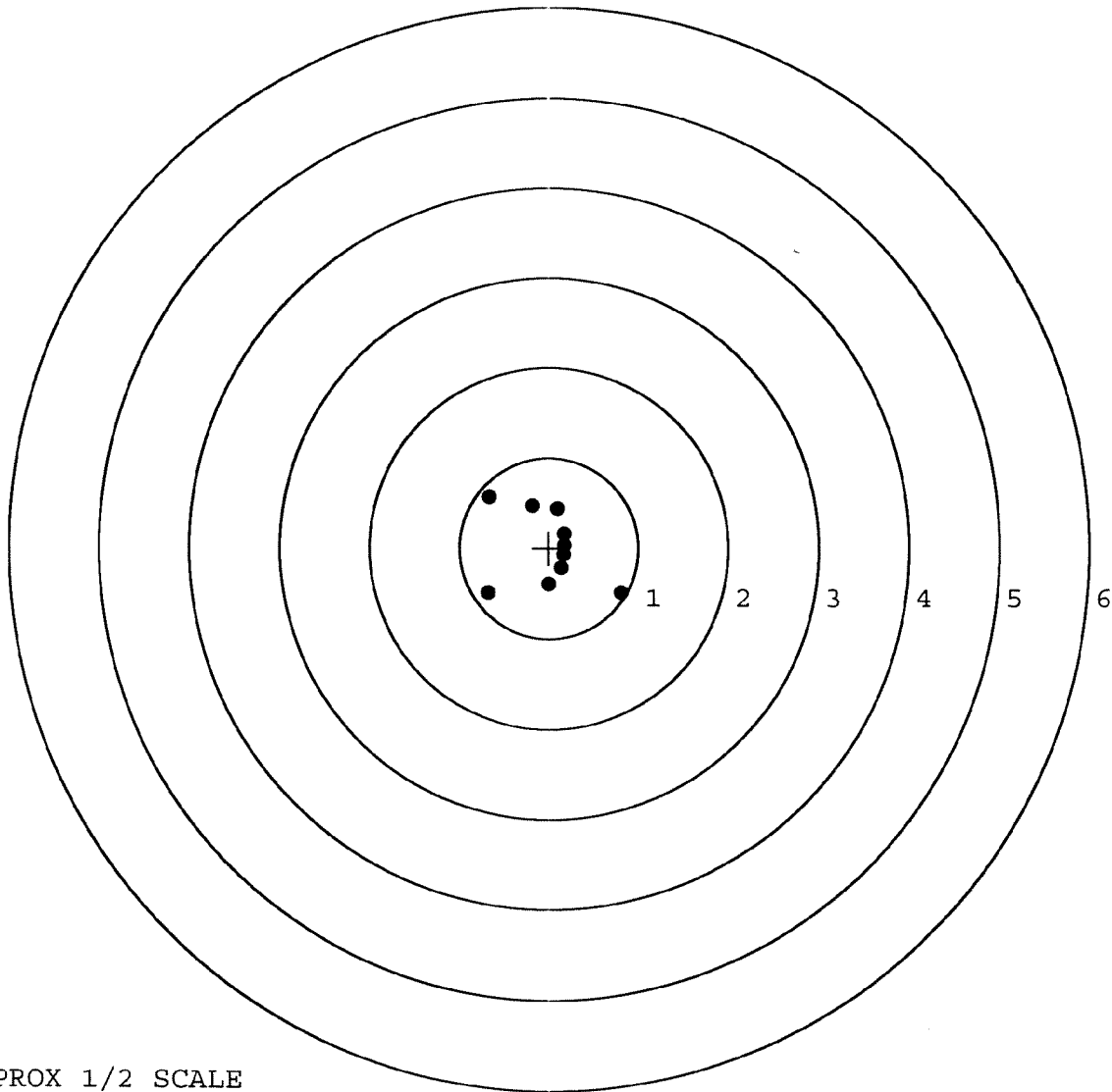
TARGET APPROX 1/2 SCALE

BARBER - M24 0039671

SERIAL NUMBER: C6348846. 0
TARGET NUMBER: 3
FILE DATE: 09/22/2009
FILE TIME: 07:05

POINT#	X	Y
1:	-0.667	0.567
2:	-0.681	-0.497
3:	0.812	-0.494
4:	-0.002	-0.405
5:	-0.182	0.471
6:	0.100	0.438
7:	0.174	0.155
8:	0.179	0.029
9:	0.173	-0.076
10:	0.143	-0.225

X CENTROID: 0.005
Y CENTROID: -0.004
POA TO CENTROID: 0.006
HORZ SPREAD: 1.493
VERT SPREAD: 1.064
GROUP SPREAD: 1.820
MIN RADIUS: 0.177
MAX RADIUS: 0.944
MEAN RADIUS: 0.489
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0039672

SERIAL NUMBER: C6348846. 0

TARGET NUMBER: 4

FILE DATE: 09/22/2009

FILE TIME: 07:05

POINT#	X	Y
1:	-0.871	0.383
2:	-0.650	-0.342
3:	-0.178	-0.629
4:	0.797	0.419
5:	-0.070	0.513
6:	0.170	0.426
7:	-0.112	0.108
8:	0.219	-0.059
9:	0.486	0.095
10:	0.168	0.239

X CENTROID: -0.004

Y CENTROID: 0.115

POA TO CENTROID: 0.115

HORZ SPREAD: 1.668

VERT SPREAD: 1.142

GROUP SPREAD: 1.668

MIN RADIUS: 0.108

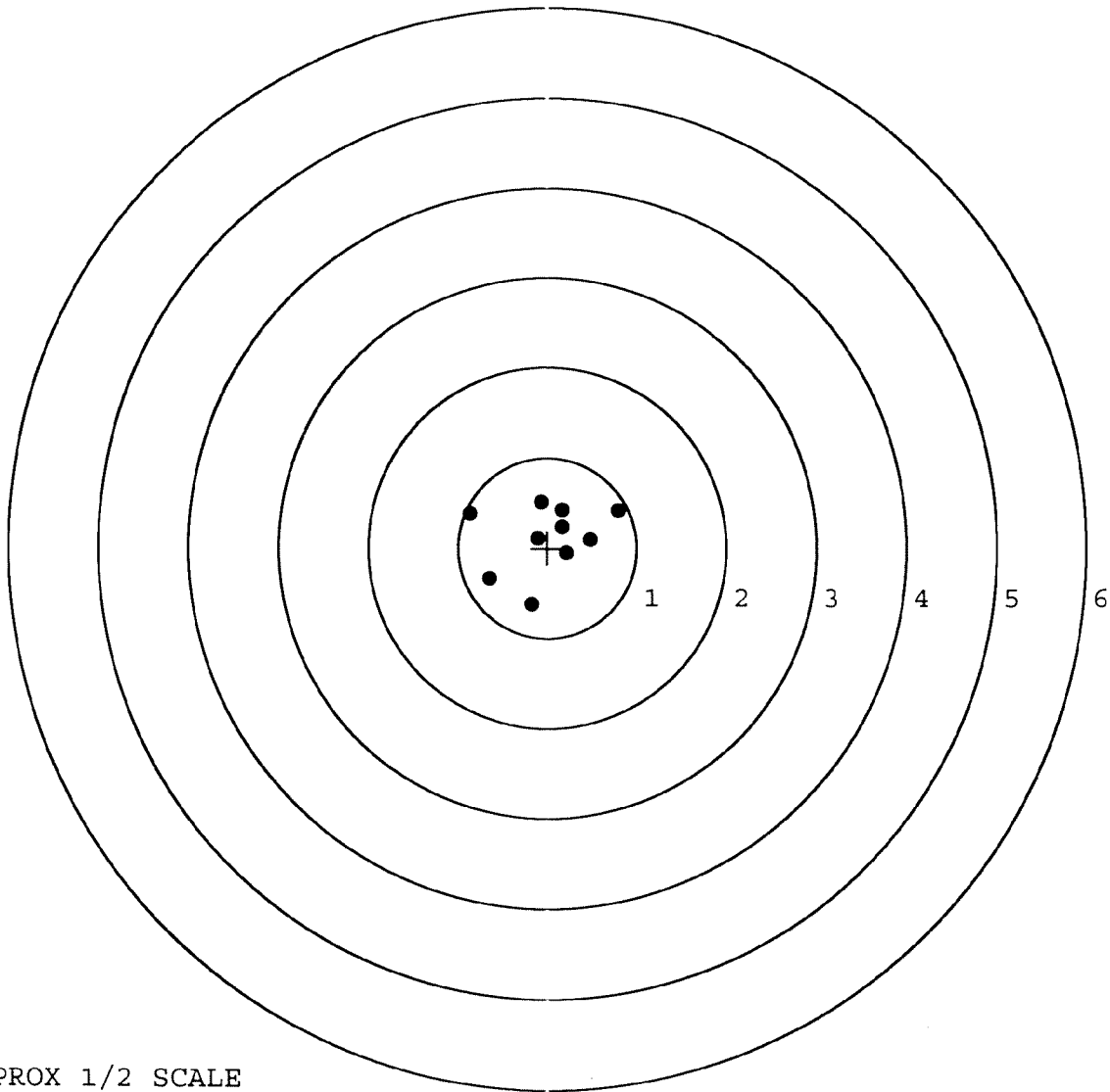
MAX RADIUS: 0.907

MEAN RADIUS: 0.517

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



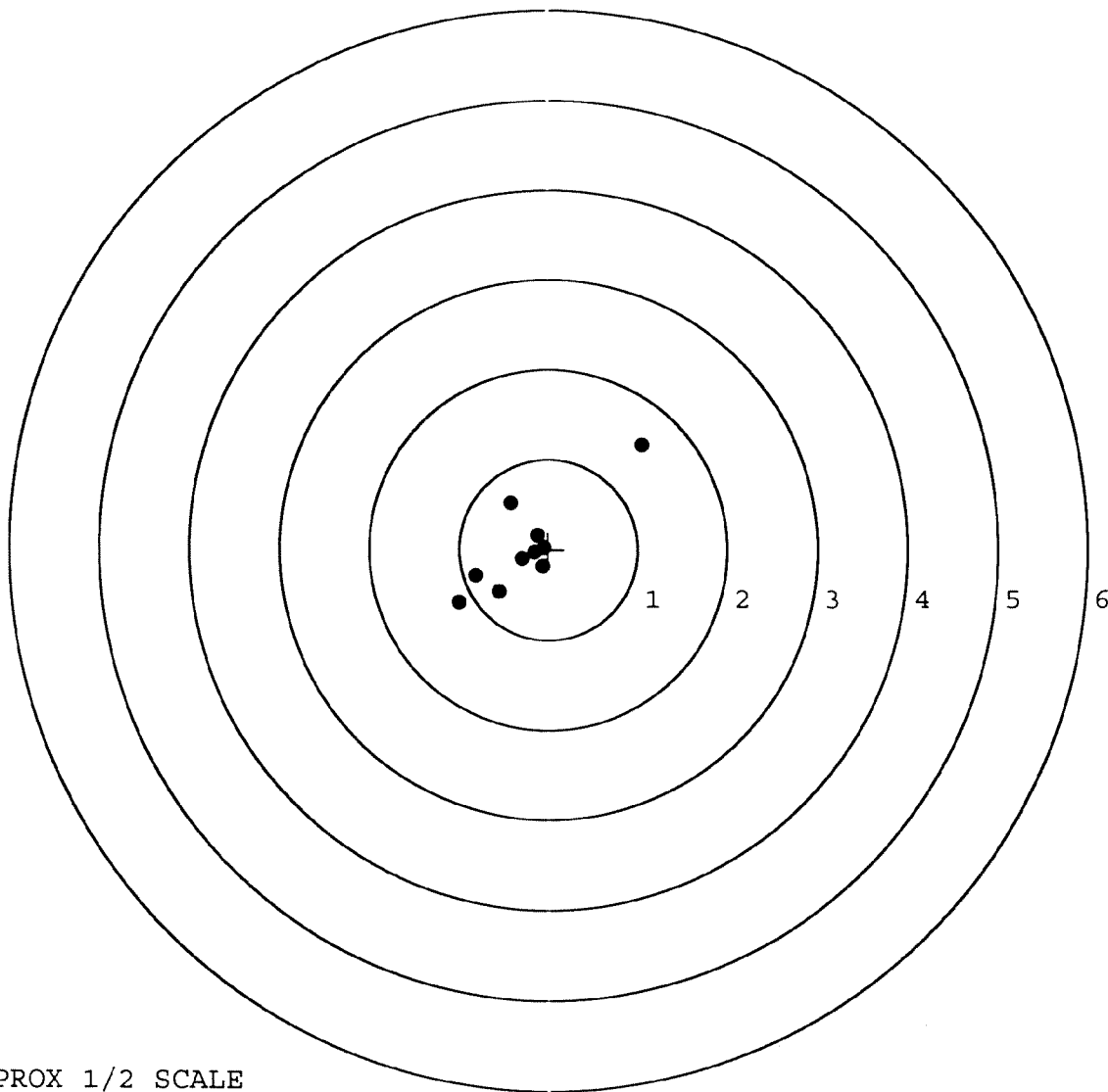
TARGET APPROX 1/2 SCALE

BARBER - M24 0039673

SERIAL NUMBER: C6348846. __0
 TARGET NUMBER: 5
 FILE DATE: 09/22/2009
 FILE TIME: 07:05

POINT#	X	Y
1:	1.051	1.155
2:	-0.425	0.515
3:	-0.814	-0.292
4:	-1.002	-0.591
5:	-0.554	-0.470
6:	-0.297	-0.105
7:	-0.126	0.160
8:	-0.049	0.021
9:	-0.063	-0.193
10:	-0.158	-0.035

X CENTROID: -0.244
 Y CENTROID: 0.016
 POA TO CENTROID: 0.244
 HORZ SPREAD: 2.053
 VERT SPREAD: 1.746
 GROUP SPREAD: 2.695
 MIN RADIUS: 0.100
 MAX RADIUS: 1.724
 MEAN RADIUS: 0.534
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

Remington[®]

DUPONT
REG. U.S. PAT. & TM. OFF.

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

MODEL 700TM H24

SERIAL NO.
C6348846

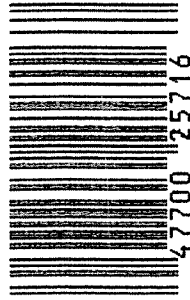
ORDER NO.
5716

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



5716 C6348846

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348846

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	14	89	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9-15-89	GS
7	Drill and Tap Sight Holes	9 15	89	ET
618	Polish Barrel	9 15	89	ET
620	Apply Coatings (Barrel Action)		9-25-89	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		13 Oct 89	GS

BARBER - M24 0039676		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	5	4	5			18 Oct 89	JLS
	G) Safety Off Force	3	3	3			18 Oct 89	JLS
	H) Trigger Pull Test & Retainability						13 Oct 89	JLS
	I) Firing Pin Indent	.021	.0215	.0215			18 Oct 89	JLS
	J) Assemble Stock						10/19/89	RW
	K) Assemble Swivel Studs						19 Oct 89	JLS
	L) Attach Front and Rear Sight Assemblies						12/11/89	RW
	M) Iron Sight Alignment						12/11/89	RW
	N) Detach Front & Rear Sights & place in numbered container						12/11/89	RW
	O) Attach Scope to Rifle						10/19/89	JLS
	P) Detach & Attach Scope 20 Times						10/19/89	JLS
640	Gallery Target & Test						10-19-89	JLS
	A) Time						10-19-89	JLS
	B) Malfunctions						10-19-89	JLS
	C) Pierced Primers						10-19-89	JLS
	D) Optical Clarity of Scope						10-19-89	JLS
645	Inspect for Live Ammo						10-9-89	JLS
655	Final Inspection						19 Oct 89	JLS
	A) Headspace						19 Oct 89	JLS
	B) Trigger Pull	209	217	209	235	222	19 Oct 89	JLS
	C) Function						19 Oct 89	JLS
660	Pack						18 Dec 89	JLS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348846

DATE 12 MAR 90

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	262	252	249	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	245	251	251	
PULL #3	261	252	241	
PULL #4	261	252	251	
PULL #5	252	241	241	
TOTAL	1281	1248	1286	
AVG.	2562	2496	2572	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	334	328	
PULL #2	336	323	
PULL #3	326	333	
PULL #4	338	324	
PULL #5	326	327	
TOTAL	1660	1635	
AVG.	332	327	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	389	423		
PULL #2	404	423		
PULL #3	404	422		
PULL #4	408	397		
PULL #5	408	415		
TOTAL	2013	2080		
AVG.	4026	416		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348846
19 Oct 1989

CENTROIDAL DISTANCES

0 TO	1	.142524
1 TO	2	.34572
1 TO	3	.335829
1 TO	4	.393081
1 TO	5	.46932

0.142524

-----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -0.0404
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -0.0536
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 0.0753457
THE AMR FOR THIS RIFLE IS: 1.089

19 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348846

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 2.288

VS= 3.851

GS= 3.313

CENTROID *

PATTERN #

:

1

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.002

.885

.901

MINIMUM X

:

-1.286

-1.403

-1.387

MAXIMUM Y

:

1.689

1.538

.877

MINIMUM Y

:

-1.362

-1.056

-.864

CENTROID X

:

.108

.225

.209

CENTROID Y

:

.093

.244

.052

POA TO CENTROID in.

:

.143

.332

.216

MIN RADIUS

:

.602

.486

.573

MEAN RADIUS

:

1.110

1.033

.942

MAX RADIUS

:

1.719

1.561

1.641

HORIZONTAL SPREAD

:

2.288

2.288

2.288

VERTICAL SPREAD

:

3.851

2.594

1.741

EXTREME SPREAD

:

3.313

2.766

2.562

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

4

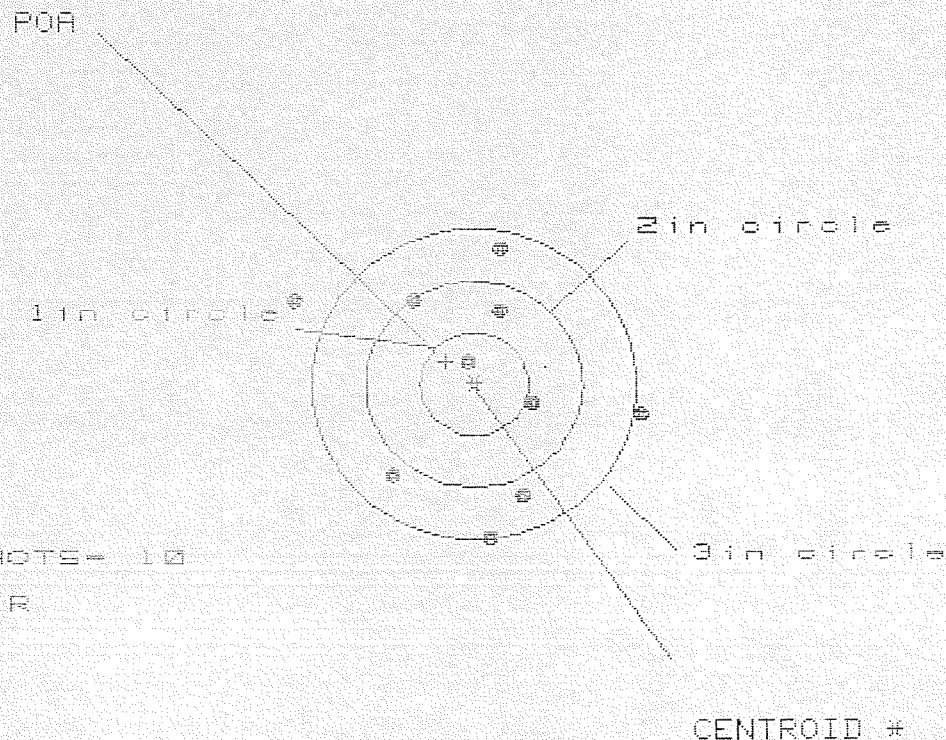
NUMBER IN THREE INCH CIRCLE =

7

19 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/09348846

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 3.155

VS= 2.806

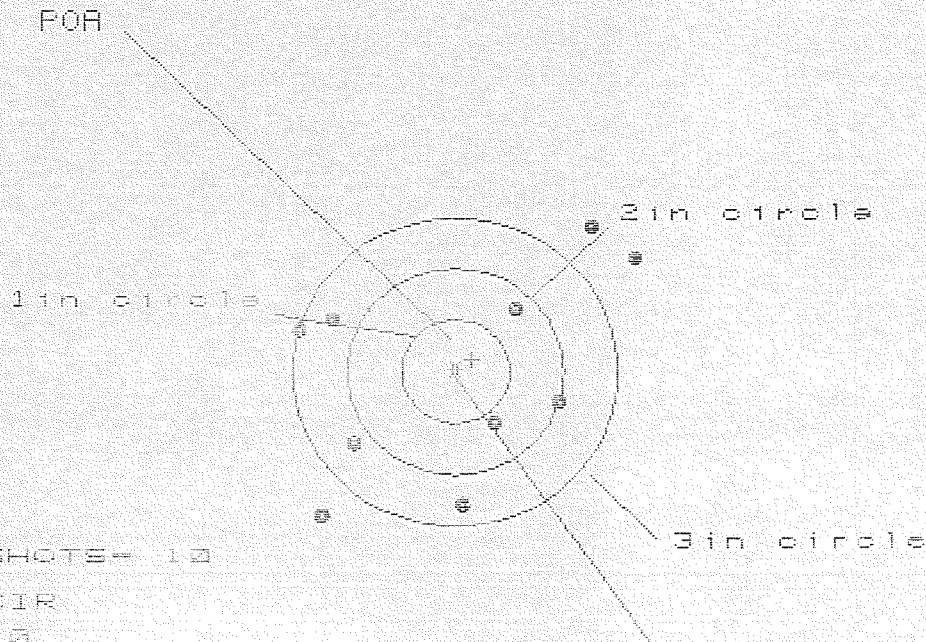
GS= 3.333

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.541	1.361	.494
MINIMUM X	-1.614	-.979	-.808
MAXIMUM Y	1.277	1.366	1.344
MINIMUM Y	-1.529	-1.440	-1.462
CENTROID X	.259	.439	.268
CENTROID Y	-.218	-.307	-.285
POA TO CENTROID in.	.336	.536	.392
MIN RADIUS	.268	.333	.336
MEAN RADIUS	1.110	1.023	.973
MAX RADIUS	1.805	1.442	1.454
HORIZONTAL SPREAD	3.155	2.340	1.302
VERTICAL SPREAD	2.806	2.806	2.806
EXTREME SPREAD	3.333	2.811	2.811
NUMBER IN ONE INCH CIRCLE	1	4	7
NUMBER IN TWO INCH CIRCLE	4	7	7
NUMBER IN THREE INCH CIRCLE	7	7	7

19 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340846

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS = 3.057

VS = 2.843

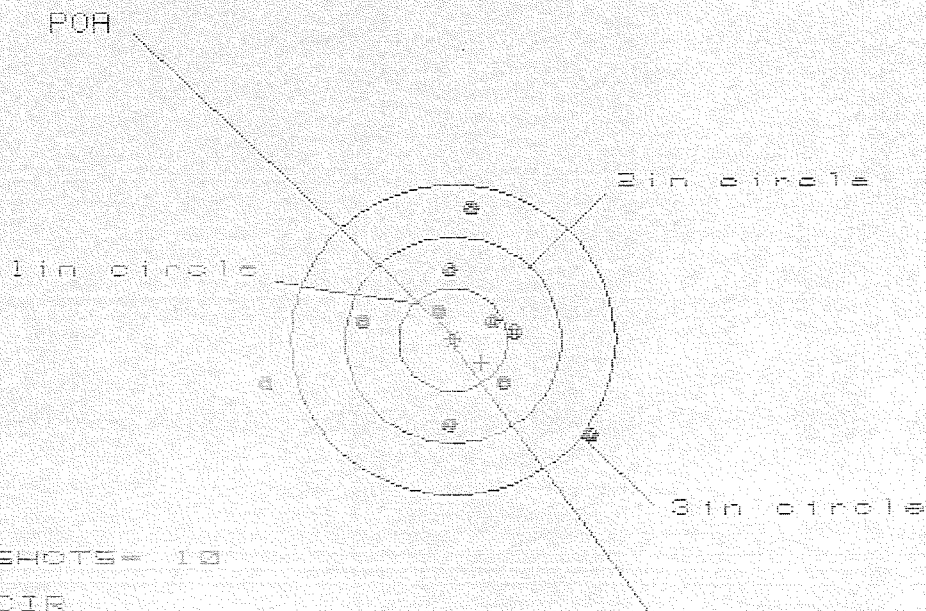
CS = 3.836

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.654	1.410	1.095
MINIMUM X	-1.403	-1.219	-1.043
MAXIMUM Y	1.444	1.565	.973
MINIMUM Y	-1.399	-1.278	-1.082
CENTROID X	-.158	-.342	-.518
CENTROID Y	-.112	-.233	-.429
POA TO CENTROID in.	.194	.414	.672
MIN RADIUS	.598	.650	.716
MEAN RADIUS	1.341	1.256	1.125
MAX RADIUS	1.979	2.106	1.412
HORIZONTAL SPREAD	3.057	2.629	2.348
VERTICAL SPREAD	2.843	2.843	2.055
EXTREME SPREAD	3.836	3.781	2.742
NUMBER IN ONE INCH CIRCLE	2	3	3
NUMBER IN TWO INCH CIRCLE	3	5	5
NUMBER IN THREE INCH CIRCLE	7	7	7

19 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346846

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS = 2.994

VS = 2.234

GS = 3.066

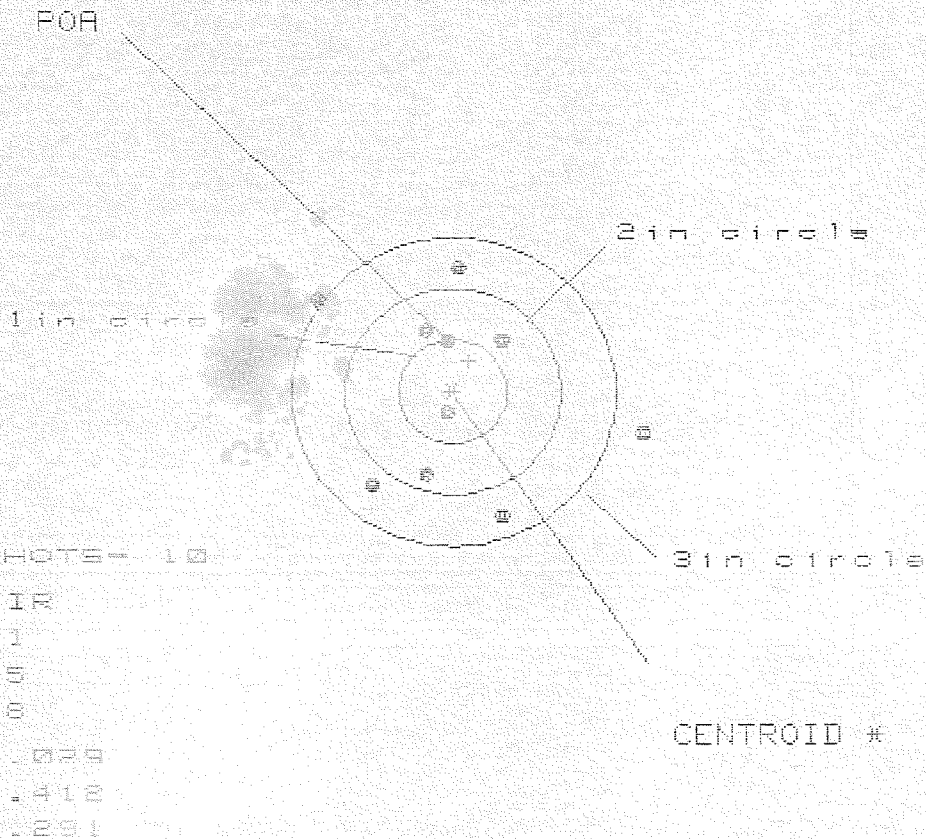
CENTROID #

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	1.223
MINIMUM X	-1.771
MAXIMUM Y	1.327
MINIMUM Y	-1.907
CENTROID X	-1.264
CENTROID Y	1.220
POA TO CENTROID IN.	1.344
MIN RADIUS	1.345
MEAN RADIUS	1.895
MAX RADIUS	1.917
HORIZONTAL SPREAD	2.994
VERTICAL SPREAD	2.234
EXTREME SPREAD	3.066
NUMBER IN ONE INCH CIRCLE	2
NUMBER IN TWO INCH CIRCLE	7
NUMBER IN THREE INCH CIRCLE	8

19 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CS34B046

CENTERFIRE PATTERNS # 5



PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.735	1.653	1.516
MINIMUM X	-1.294	-1.101	-1.722
MAXIMUM Y	1.167	1.120	1.222
MINIMUM Y	-1.245	-1.292	-1.190
CENTROID X	-1.147	-1.340	-1.203
CENTROID Y	-1.301	-1.254	-1.356
POA TO CENTROID IN.	1.335	1.424	1.409
MIN RADIUS	1.214	1.266	1.145
MEAN RADIUS	1.997	1.888	1.813
MAX RADIUS	1.786	1.425	1.277
HORIZONTAL SPREAD	3.029	1.754	1.233
VERTICAL SPREAD	2.412	2.412	2.412
EXTREME SPREAD	3.291	2.709	2.433
NUMBER IN ONE INCH CIRCLE	1	5	8
NUMBER IN TWO INCH CIRCLE	5	8	8
NUMBER IN THREE INCH CIRCLE	8	8	8

Start 10:35 AM

Number:

Model: 700



RE00016035

BARBER - M24 0039685

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348846

10 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1298

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1628

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .208211

THE AMR FOR THIS RIFLE IS: .9516

CENTROIDAL DISTANCES

0 TO	1	.407806
1 TO	2	.458917
1 TO	3	1.31384
1 TO	4	.958293
1 TO	5	.0987168

1 2
+ <----POA
4
3

BARBER - M24 0039686

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .408

MIN RADIUS : .304

MEAN RADIUS : 1.018

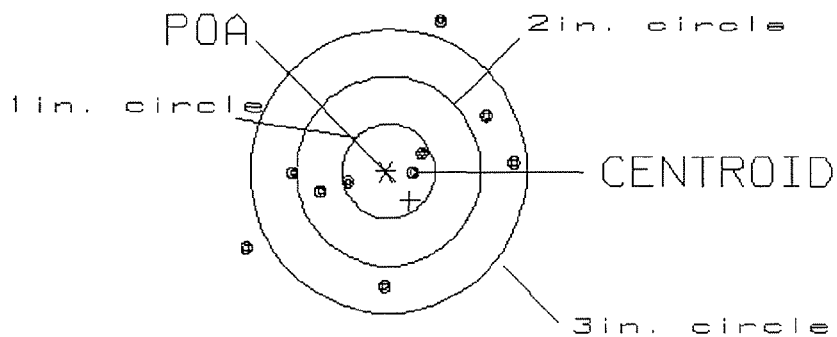
MAX RADIUS : 1.737

CENTROID X : -.259

CENTROID Y : .315

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348846.1.1

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.90

3

VS= 2.76

5

GS= 3.19

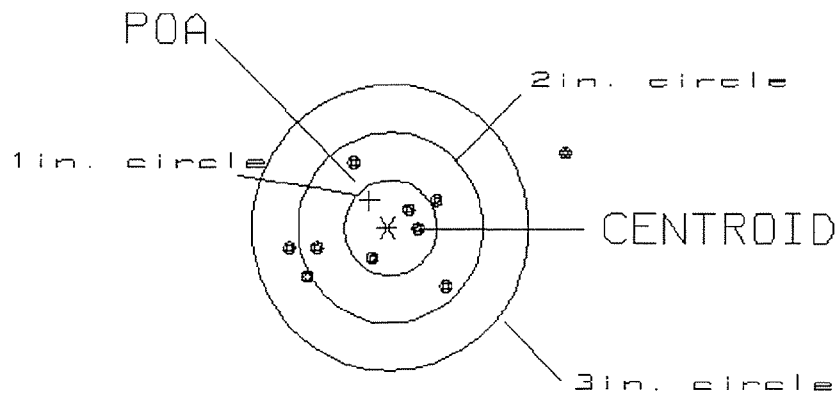
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .348
 MIN RADIUS : .253
 MEAN RADIUS : .813
 MAX RADIUS : 2.025
 CENTROID X : .199
 CENTROID Y : -.286

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348846.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.93

3

VS= 1.41

7

GS= 3.10

9

BARBER - M24 0039688

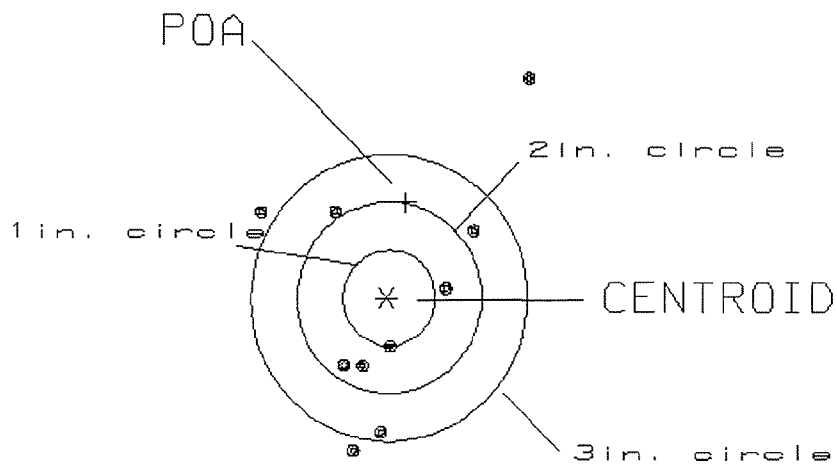
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
POA TO CENTROID: 1.020
MIN RADIUS : .502
MEAN RADIUS : 1.238
MAX RADIUS : 2.738
CENTROID X : -.212
CENTROID Y : -.998

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348846.1.1

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.83

0

VS= 3.94

4

GS= 4.35

7

BARBER - M24 0039689

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .651

MIN RADIUS : .345

MEAN RADIUS : .826

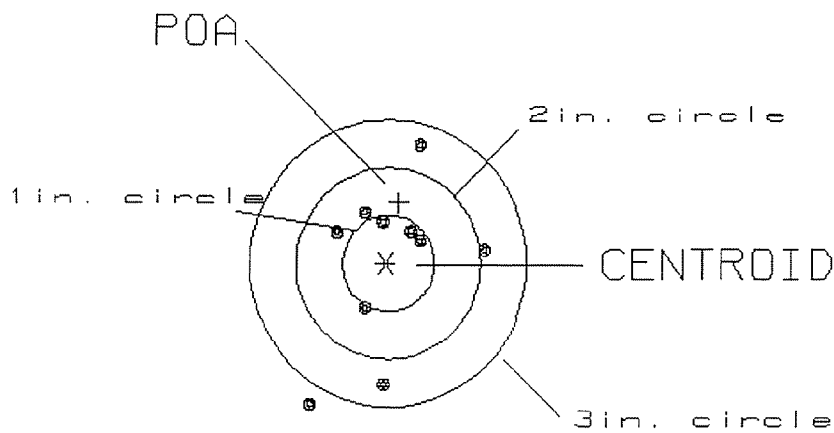
MAX RADIUS : 1.715

CENTROID X : -.141

CENTROID Y : -.636

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348846.1.1

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 1.92

4

VS= 2.67

6

GS= 2.94

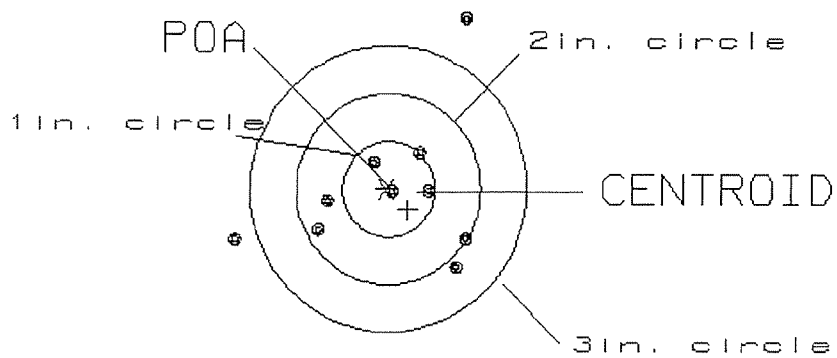
9

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .322
 MIN RADIUS : .065
 MEAN RADIUS : .863
 MAX RADIUS : 1.940
 CENTROID X : -.236
 CENTROID Y : .219

10 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348846.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.46

3

VS= 2.55

7

GS= 3.36

8

BARBER - M24 0039691

Remington Test Lab, Ilion, N.Y.

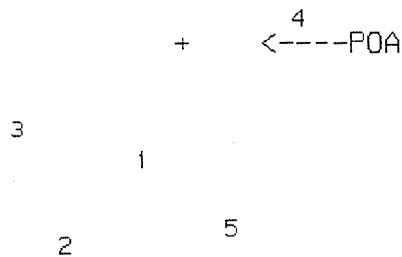
Centroidal distance calculations for Rifle # c6348846
5 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.2142$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.7612$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.790764$

THE AMR FOR THIS RIFLE IS: 1.54

CENTROIDAL DISTANCES

Ø TO	1	.834278
1 TO	2	.769608
1 TO	3	.862217
1 TO	4	1.42075
1 TO	5	.755622



PATTERN #: 1

POA TO CENTROID: .835

MIN RADIUS : .149

MEAN RADIUS : 1.958

MAX RADIUS : 3.456

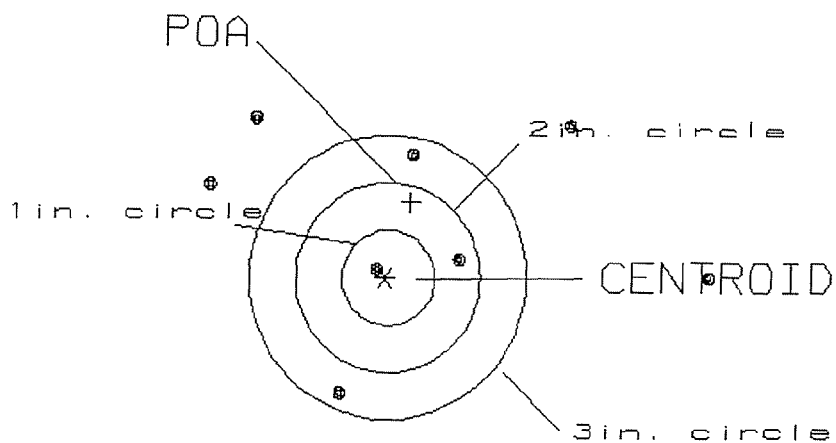
CENTROID X : -.274

CENTROID Y : -.788

4 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340046

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 5.41

1

VS= 4.47

2

GS= 5.52

4

BARBER - M24 0039693

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: 1.572

MIN RADIUS : .307

MEAN RADIUS : 1.368

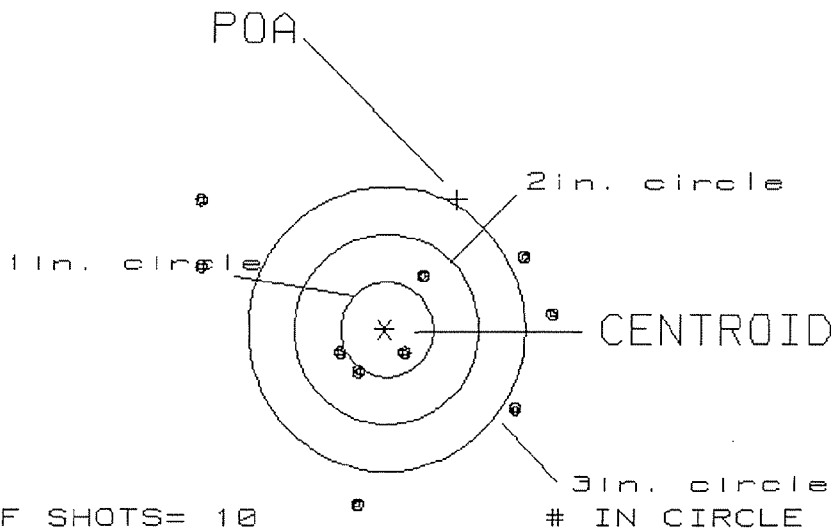
MAX RADIUS : 2.473

CENTROID X : -.790

CENTROID Y : -1.359

4 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348846

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 3.88

1

VS= 3.26

4

GS= 4.06

4

BARBER - M24 0039694

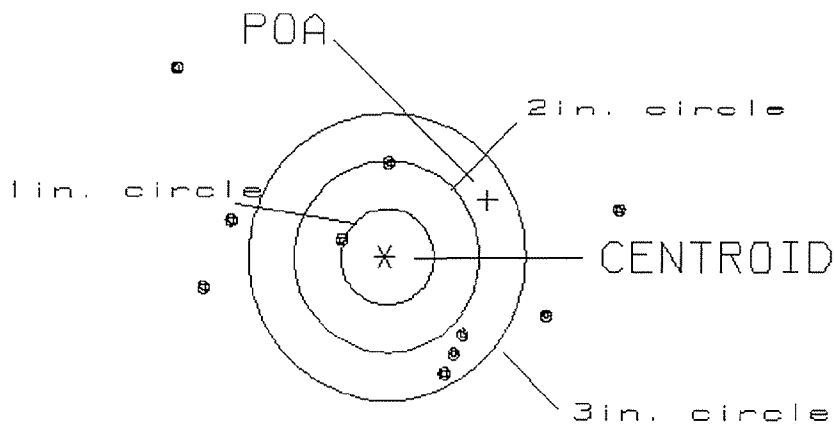
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐
POA TO CENTROID: 1.254
MIN RADIUS : .540
MEAN RADIUS : 1.640
MAX RADIUS : 3.048
CENTROID X : -1.111
CENTROID Y : -.581

4 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348846

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 4.86

0

VS= 3.16

2

GS= 5.09

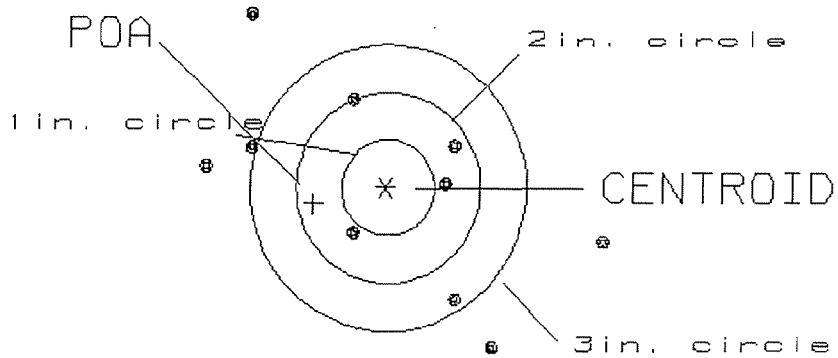
5

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .795
 MIN RADIUS : .599
 MEAN RADIUS : 1.484
 MAX RADIUS : 2.405
 CENTROID X : .777
 CENTROID Y : .168

4 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348846

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.31
 VS= 3.52
 GS= 4.50

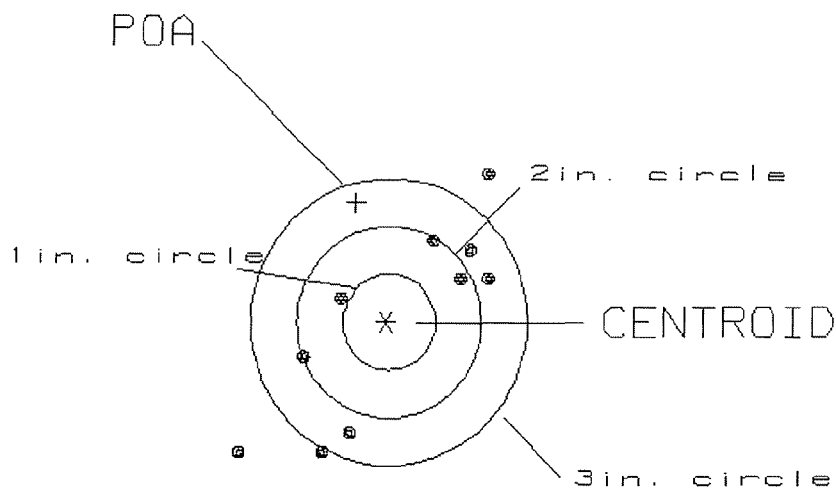
0
 3
 5

PATTERN #: 5
 POA TO CENTROID: 1.288
 MIN RADIUS : .597
 MEAN RADIUS : 1.249
 MAX RADIUS : 2.075
 CENTROID X : .327
 CENTROID Y : -1.246

4 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348846

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.65
 VS= 2.90
 GS= 3.90

0
 3
 7

Final Inspection

SOL 6348846

DATE REC'D: 10-24-00

DATE RET'D:

Auditor RCK

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☒ FINISH☒ Looseness☒ CLARITY

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER <u>16035</u>			
SERIAL NUMBER <u>C-6348846</u>			
LOG-IN DATE <u>10-24-00</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<u>10-26-00</u>	<u>ek</u>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<u>11-1-00</u>	<u>ek</u>
605	CHECK HEADSPACE	<u>11-1-00</u>	<u>ek</u>
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	<u>11-15-00</u>	<u>ek</u>
655	FINAL INSPECT	<u>11-18-00</u>	<u>ek</u>
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			