



C6498829



MODEL 700™ M24

Model **SWS**™

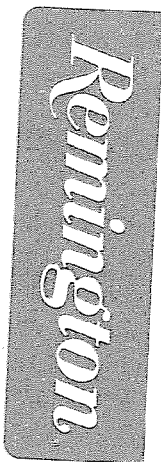
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00124476

Serial: C6498829 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 1/30/2007 9:58:33 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: USFPO FOR COLORADO

USFPO FOR COLORADO

Address 1: 1181 KILMER STREET

1181 KILMER STREET

Address 2:

PO Box:

PO Box:

City: GOLDEN

GOLDEN

State: CO

Zip Code: 80401

Country: US

State: CO

Zip Code: 80401

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

naglej

1/30/2007

11:03 AM

EAPS

NUM

INS

SCRL

H start

2 Mic...

Arms S...

Part S...

3 Int...

5 Mic...

Travel

1 FEB 2007

Serial Number:

C6498829

Model: M24 SWS



RE00124476

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6498829.___0
FILE DATE AND TIME: 03/02/2007 15:04

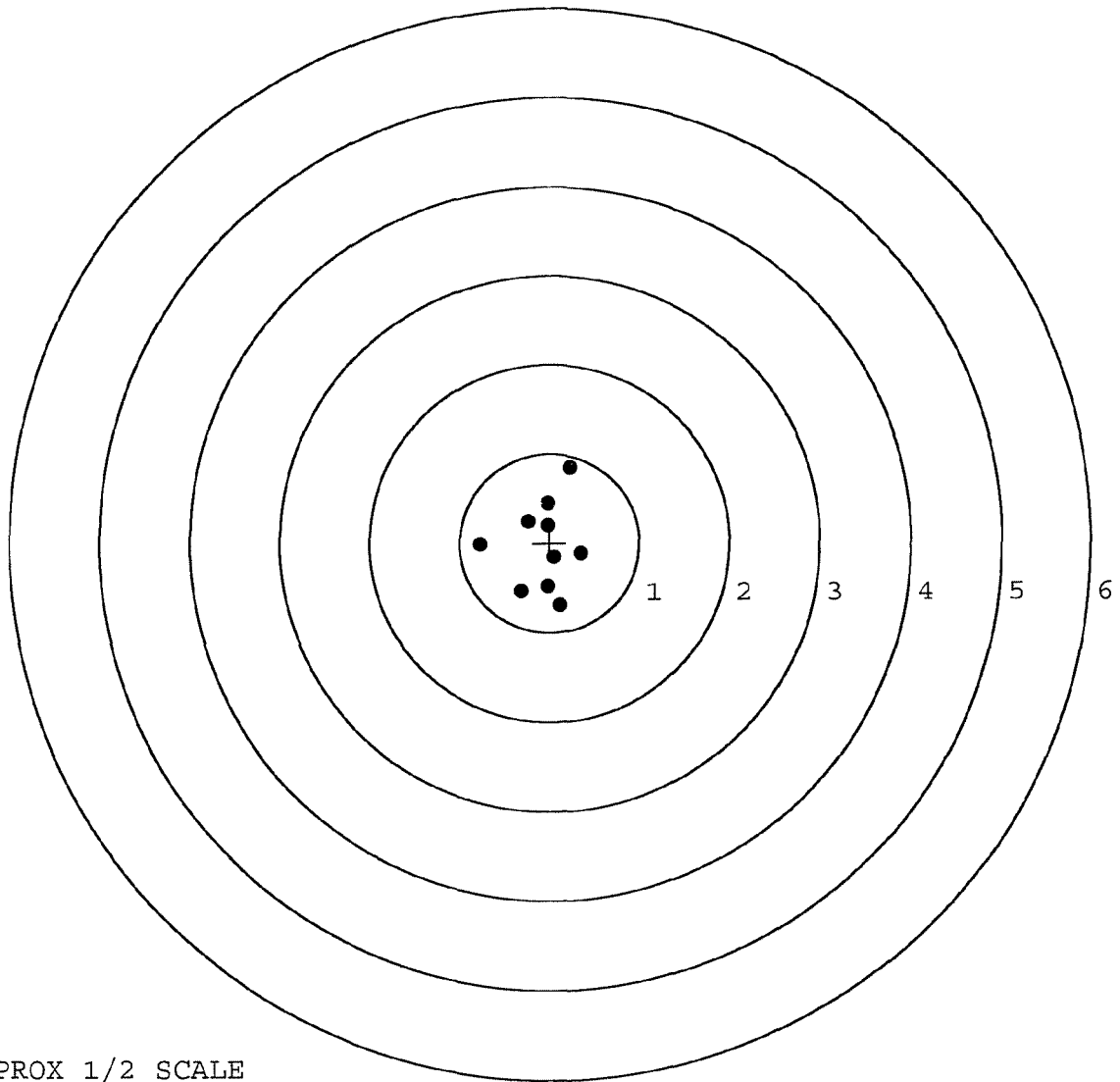
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.029
The Average Y Centroid of the Five Target Set:	-0.065
The Average Point of Impact of the Five Target Set:	0.071
The Average Mean Radius of the Five Target Set:	0.576
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.142
The Distance from Centroid Target #3 to Centroid Target #1:	0.061
The Distance from Centroid Target #4 to Centroid Target #1:	0.110
The Distance from Centroid Target #5 to Centroid Target #1:	0.270

SERIAL NUMBER: C6498829. __0
 TARGET NUMBER: 1
 FILE DATE: 03/02/2007
 FILE TIME: 15:04

X CENTROID: -0.064
 Y CENTROID: -0.030
 POA TO CENTROID: 0.071
 HORZ SPREAD: 1.119
 VERT SPREAD: 1.545
 GROUP SPREAD: 1.549
 MIN RADIUS: 0.176
 MAX RADIUS: 0.920
 MEAN RADIUS: 0.498
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.118	-0.703
2:	-0.021	-0.487
3:	-0.321	-0.544
4:	-0.771	-0.014
5:	0.229	0.842
6:	-0.022	0.443
7:	-0.240	0.241
8:	-0.014	0.196
9:	0.348	-0.114
10:	0.051	-0.164

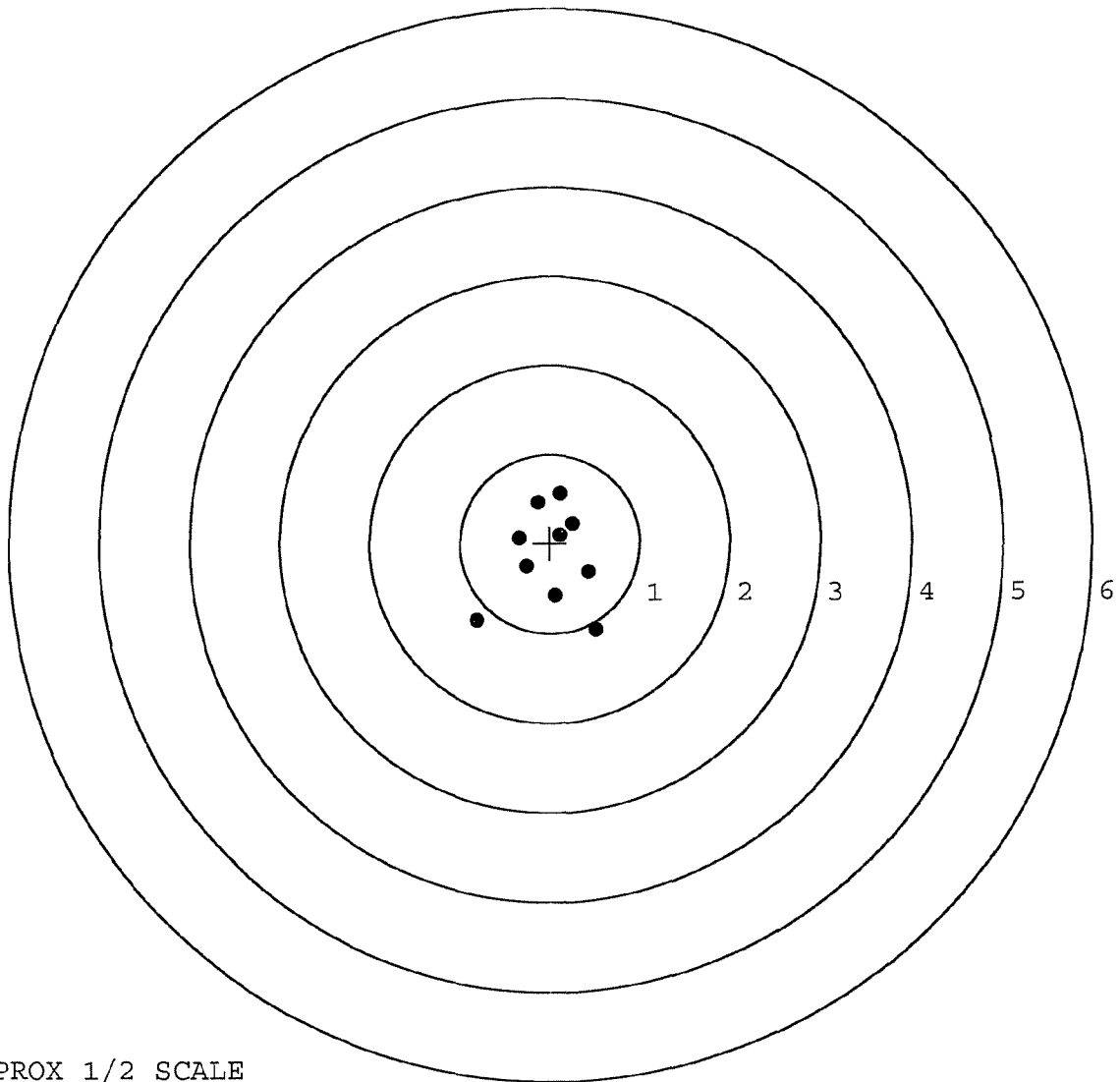


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498829. __0
 TARGET NUMBER: 2
 FILE DATE: 03/02/2007
 FILE TIME: 15:04

X CENTROID: -0.008
 Y CENTROID: -0.161
 POA TO CENTROID: 0.161
 HORZ SPREAD: 1.327
 VERT SPREAD: 1.523
 GROUP SPREAD: 1.697
 MIN RADIUS: 0.274
 MAX RADIUS: 1.066
 MEAN RADIUS: 0.571
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.512	-0.964
2:	0.054	-0.589
3:	0.429	-0.323
4:	-0.815	-0.858
5:	-0.263	-0.262
6:	-0.349	0.056
7:	0.253	0.223
8:	0.119	0.092
9:	-0.138	0.456
10:	0.118	0.559

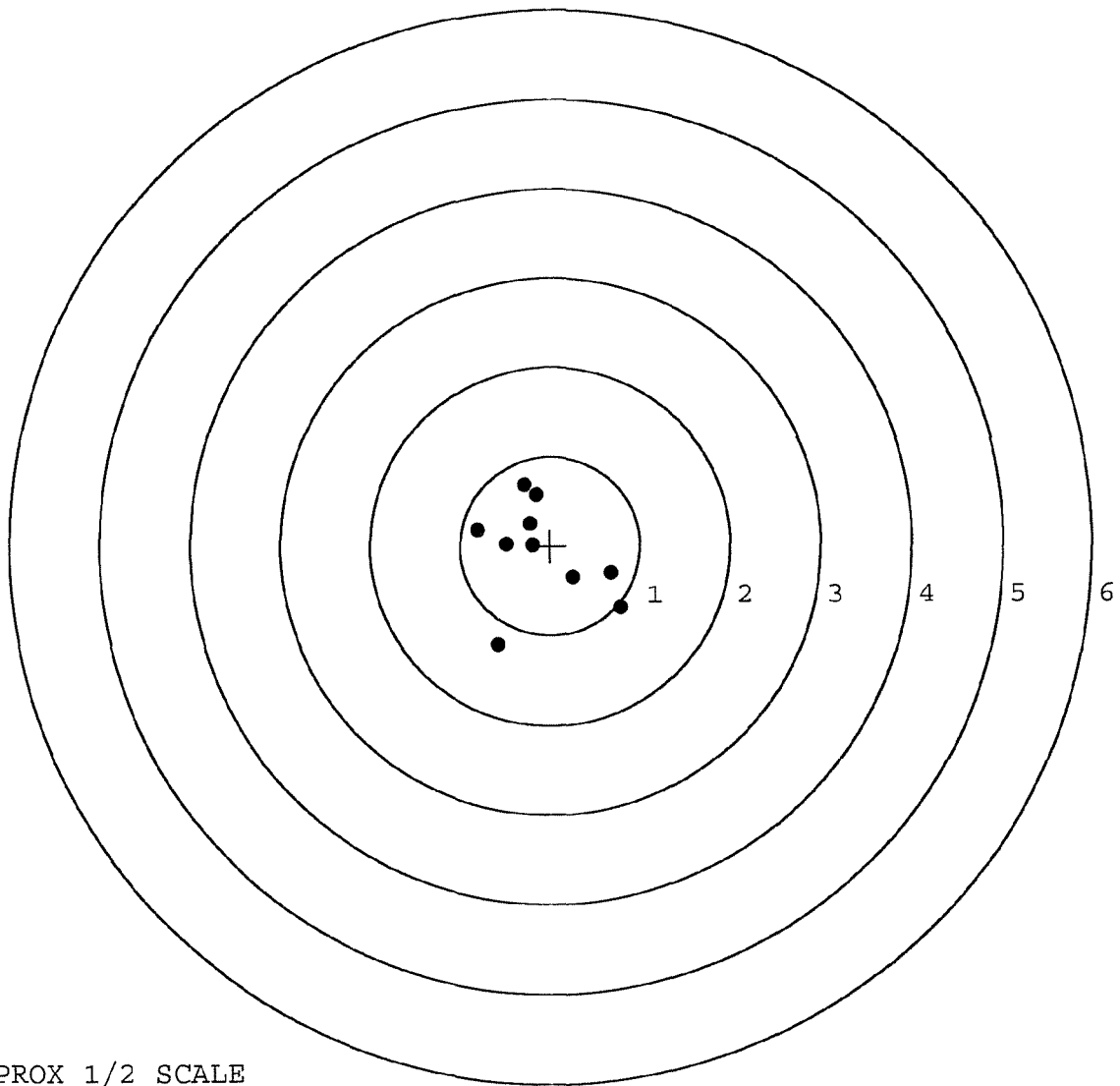


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498829. 0
 TARGET NUMBER: 3
 FILE DATE: 03/02/2007
 FILE TIME: 15:04

X CENTROID: -0.104
 Y CENTROID: -0.076
 POA TO CENTROID: 0.129
 HORZ SPREAD: 1.589
 VERT SPREAD: 1.795
 GROUP SPREAD: 1.820
 MIN RADIUS: 0.129
 MAX RADIUS: 1.143
 MEAN RADIUS: 0.654
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.289	0.684
2:	-0.156	0.567
3:	-0.197	0.013
4:	-0.488	0.021
5:	-0.807	0.180
6:	-0.591	-1.111
7:	0.258	-0.354
8:	0.674	-0.311
9:	0.782	-0.700
10:	-0.229	0.248



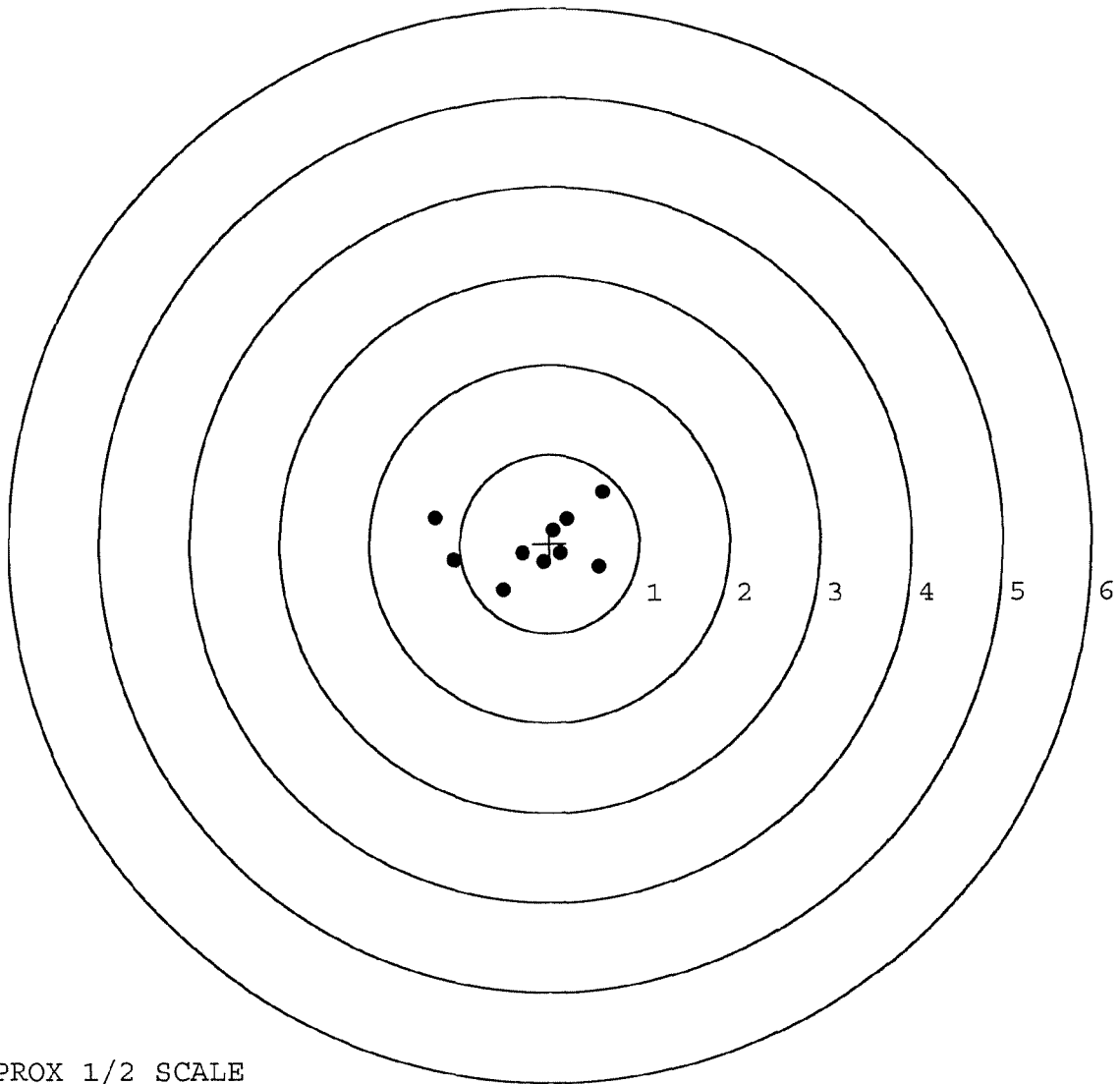
TARGET APPROX 1/2 SCALE

BARBER - M24 0008476

SERIAL NUMBER: C6498829. __0
 TARGET NUMBER: 4
 FILE DATE: 03/02/2007
 FILE TIME: 15:04

X CENTROID: -0.172
 Y CENTROID: -0.008
 POA TO CENTROID: 0.173
 HORZ SPREAD: 1.866
 VERT SPREAD: 1.100
 GROUP SPREAD: 1.900
 MIN RADIUS: 0.162
 MAX RADIUS: 1.140
 MEAN RADIUS: 0.582
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.548	-0.254
2:	0.593	0.583
3:	0.187	0.285
4:	-1.273	0.288
5:	-1.063	-0.191
6:	-0.514	-0.517
7:	-0.301	-0.107
8:	0.045	0.152
9:	0.124	-0.110
10:	-0.070	-0.208



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6498829. 0

TARGET NUMBER: 5

FILE DATE: 03/02/2007

FILE TIME: 15:04

POINT#	X	Y
1:	1.357	0.370
2:	0.666	0.478
3:	0.683	-0.201
4:	0.124	-0.659
5:	0.108	0.292
6:	-0.657	0.248
7:	-0.443	-0.485
8:	0.229	-0.114
9:	0.038	-0.341
10:	-0.060	-0.088

X CENTROID: 0.204

Y CENTROID: -0.050

POA TO CENTROID: 0.211

HORZ SPREAD: 2.014

VERT SPREAD: 1.137

GROUP SPREAD: 2.018

MIN RADIUS: 0.069

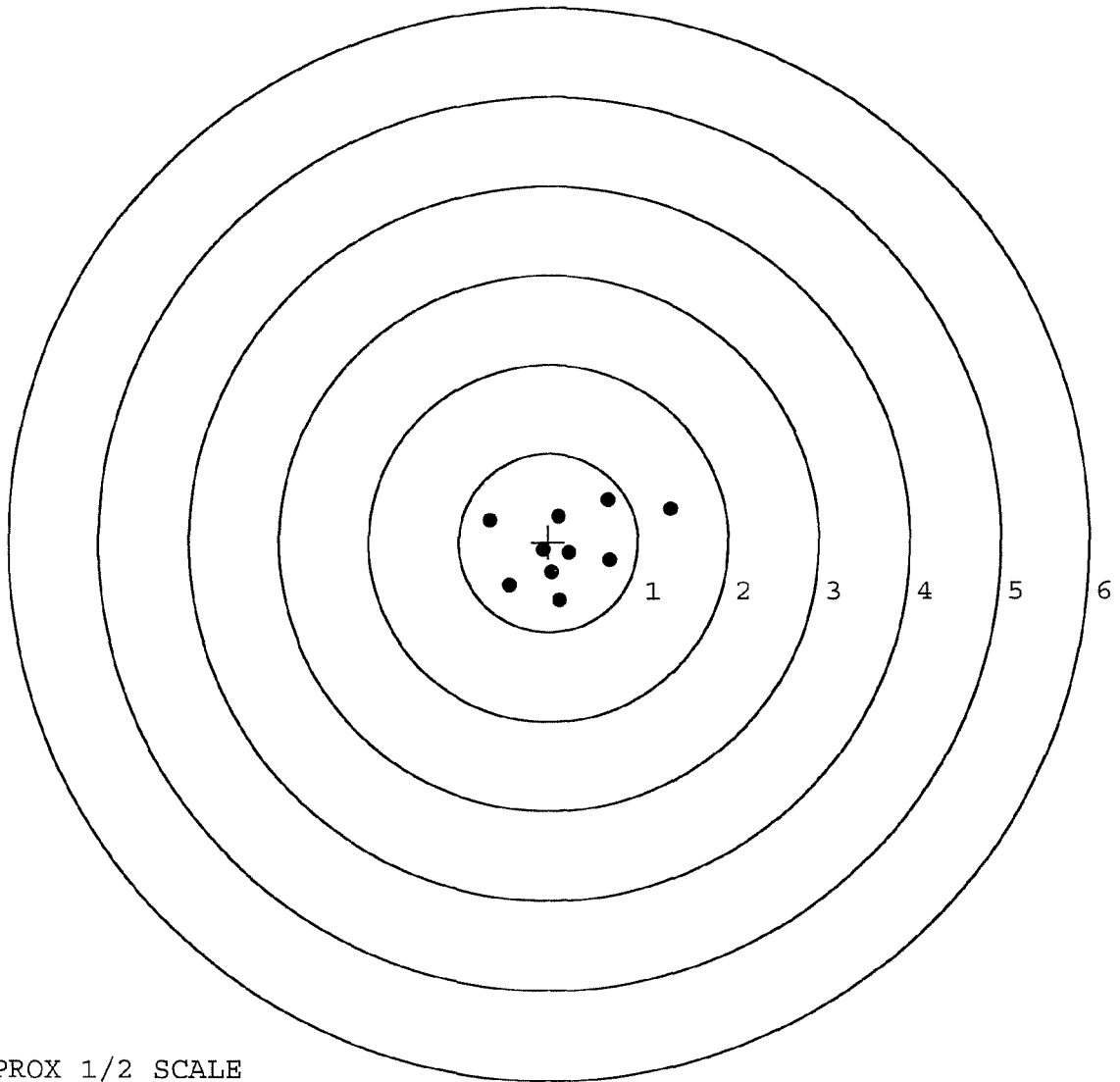
MAX RADIUS: 1.227

MEAN RADIUS: 0.576

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

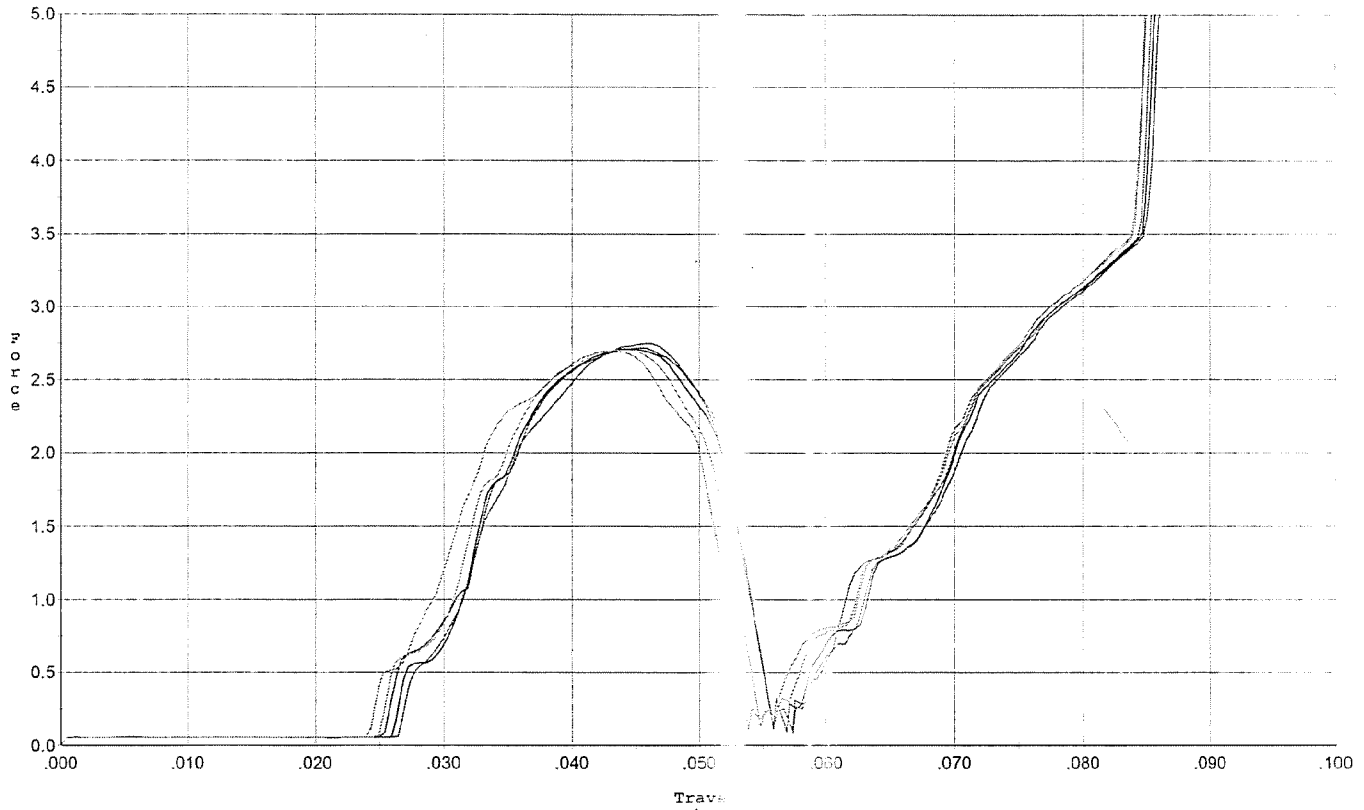


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 1/3/07

Model: M24
 Serial No: Form #F005
 Trigger: 2.5 initl.



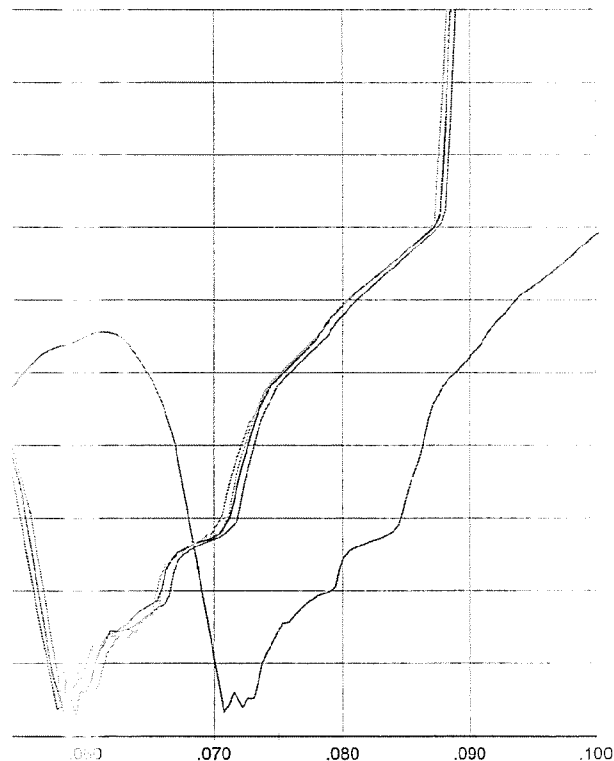
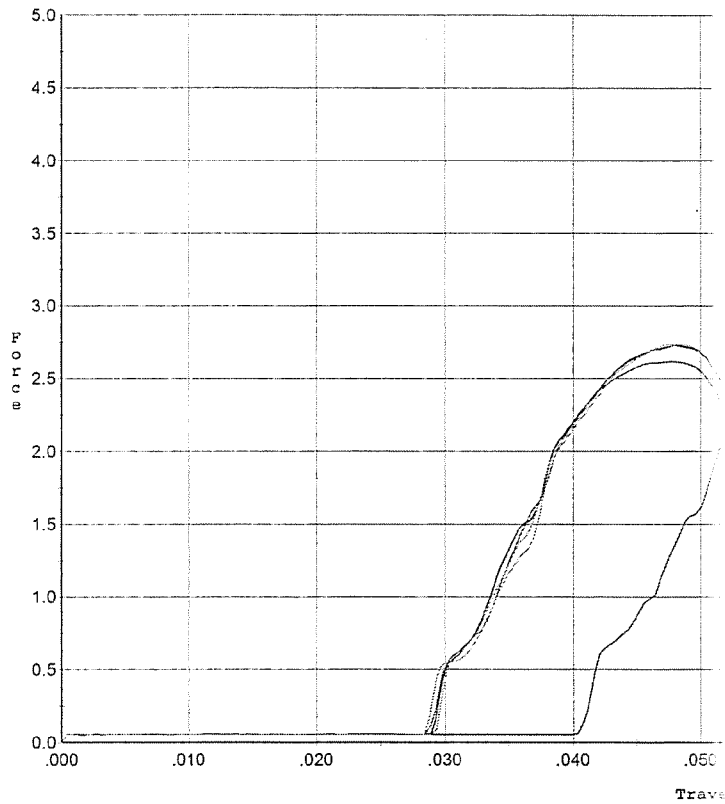
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.717	0.054	0.026	0.037	0.055		Set Trigger
2	2.708	0.054	0.026	0.037	0.055		Set Trigger
3	2.747	0.053	0.027	0.037	0.054		Set Trigger
4	2.704	0.052	0.025	0.037	0.054		Set Trigger
5	2.701	0.051	0.024	0.037	0.054		Set Trigger

Aug 2.71

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 1/3/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 after 50 cycles



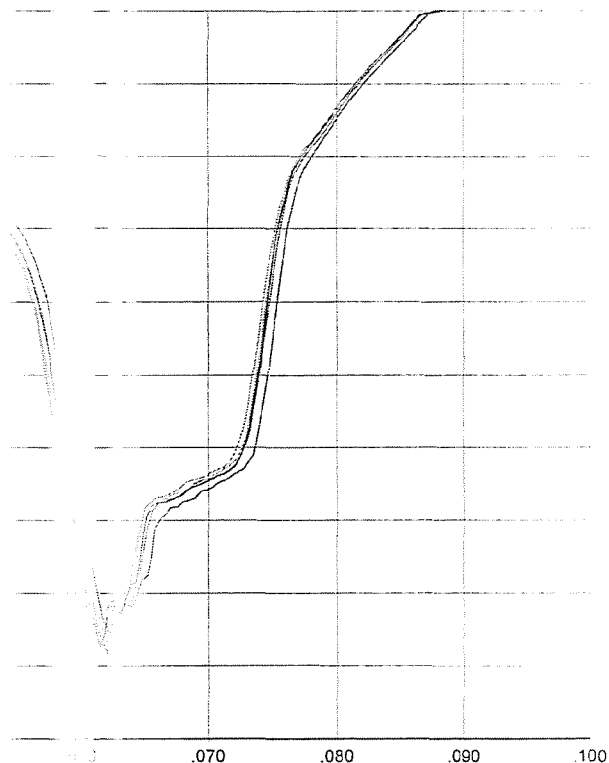
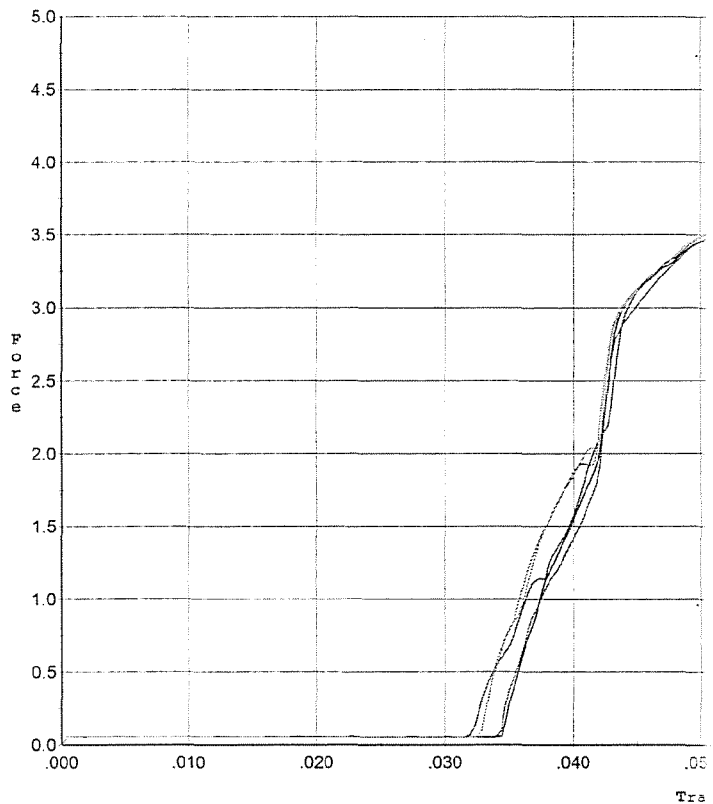
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.780	0.069	0.041	0.04	0.056		Set Trigger
2	2.725	0.055	0.029	0.03	0.052		Set Trigger
3	2.615	0.054	0.029	0.03	0.050		Set Trigger
4	2.734	0.055	0.030	0.03	0.052		Set Trigger
5	2.728	0.056	0.029	0.03	0.053		Set Trigger

Avg 2.71

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 1/3/07

Model: M24
 Serial No: Form #F005
 Trigger: 3.0 initl.



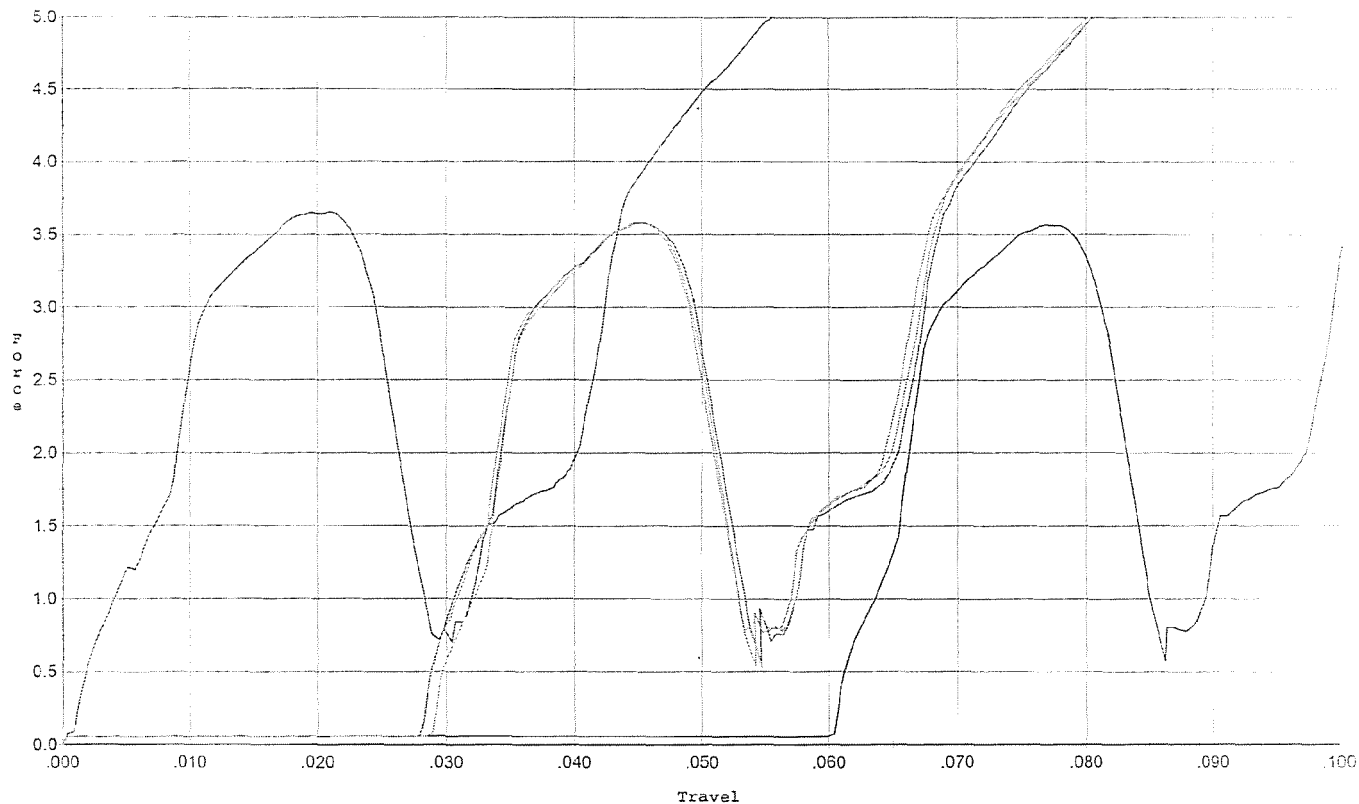
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.600	0.057	0.032	0.003	0.065		Set Trigger
2	3.555	0.057	0.035	0.003	0.062		Set Trigger
3	3.550	0.059	0.035	0.003	0.064		Set Trigger
4	3.571	0.058	0.033	0.003	0.066		Set Trigger
5	3.545	0.057	0.033	0.003	0.064		Set Trigger

Avg 3.56

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 1/3/07

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 after 20 cycles



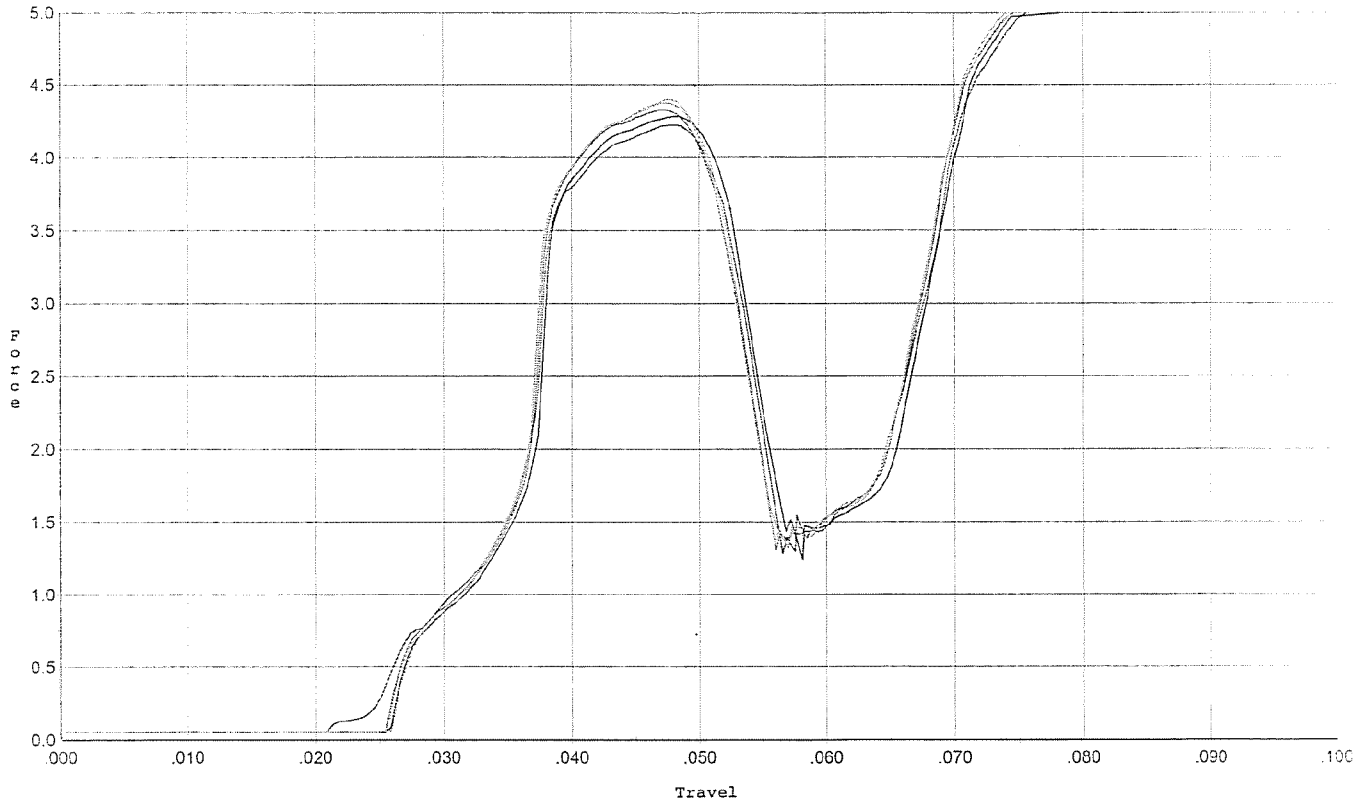
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.656	0.024	0.00	0.035	0.057		Set Trigger
2	3.564	0.082	0.061	0.037	0.063		Set Trigger
3	3.579	0.049	0.028	0.034	0.060		Set Trigger
4	3.578	0.050	0.029	0.034	0.058		Set Trigger
5	3.582	0.051	0.028	0.034	0.061		Set Trigger

Avg 3.59

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 1/3/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 initl.



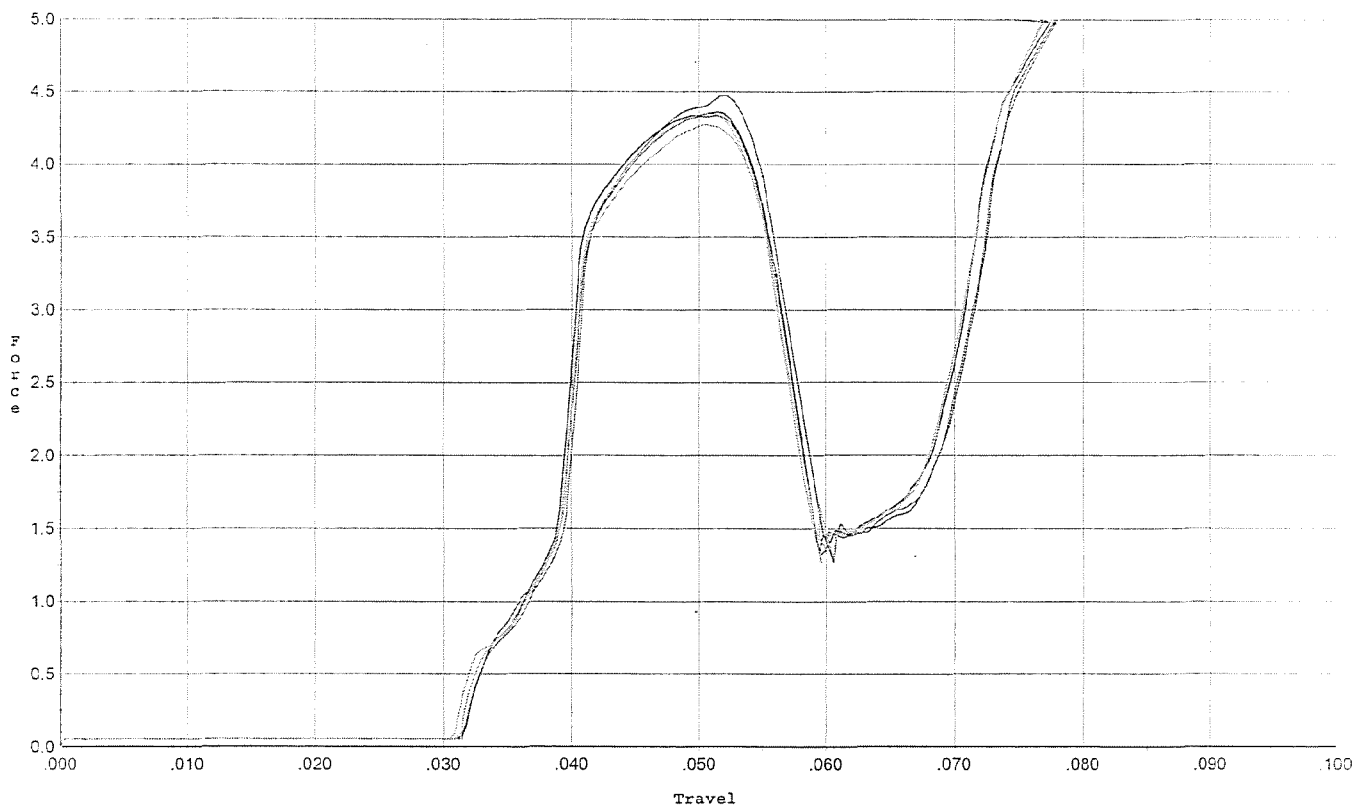
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.223	0.053	0.025	0.034	0.079		Set Trigger
2	4.282	0.052	0.026	0.034	0.077		Set Trigger
3	4.330	0.053	0.026	0.034	0.077		Set Trigger
4	4.399	0.052	0.026	0.033	0.077		Set Trigger
5	4.375	0.053	0.026	0.034	0.078		Set Trigger

Avg 4.32

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 1/3/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 after 20 cycles



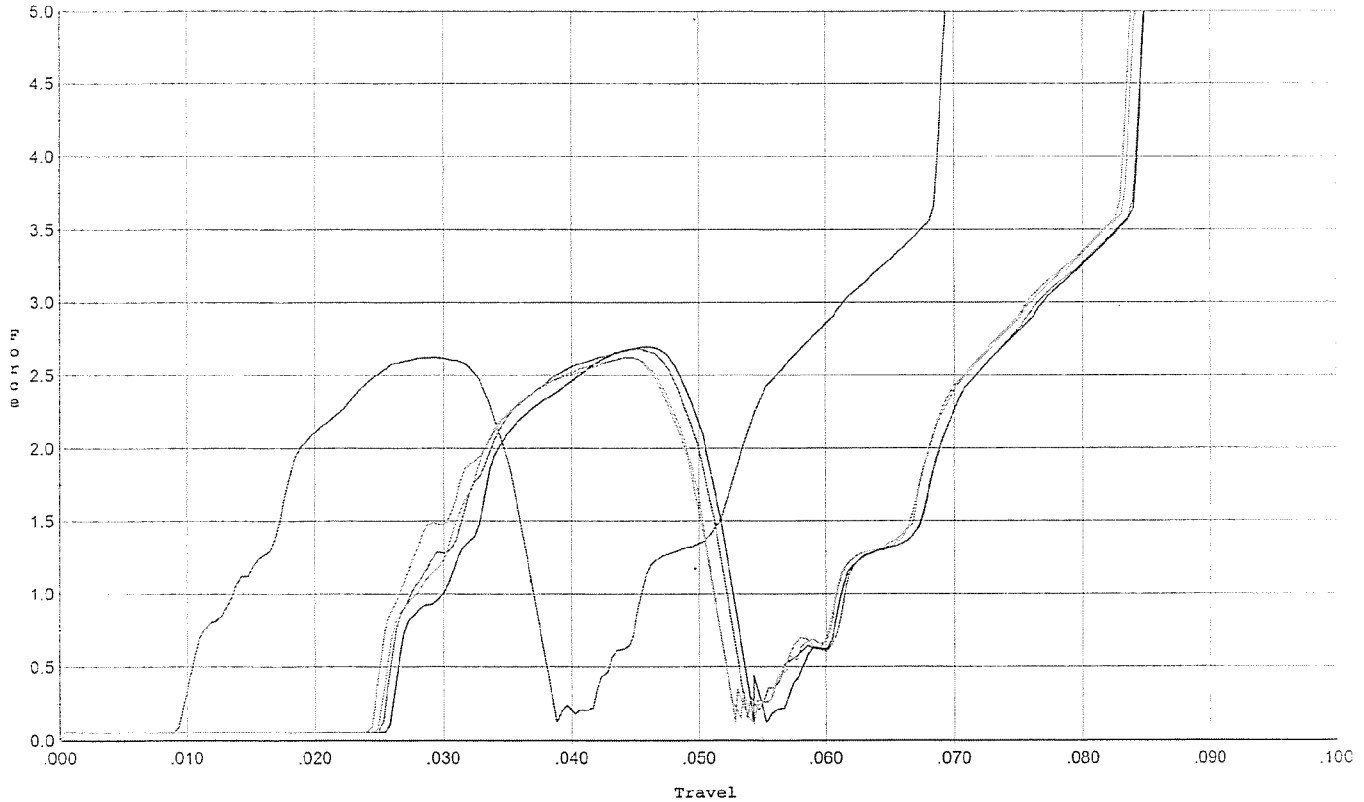
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.472	0.055	0.032	0.034	0.076		Set Trigger
2	4.358	0.056	0.032	0.033	0.077		Set Trigger
3	4.335	0.056	0.032	0.034	0.075		Set Trigger
4	4.347	0.055	0.032	0.034	0.074		Set Trigger
5	4.274	0.055	0.031	0.034	0.073		Set Trigger

Aug 4.35

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 1/3/07

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 reset final test



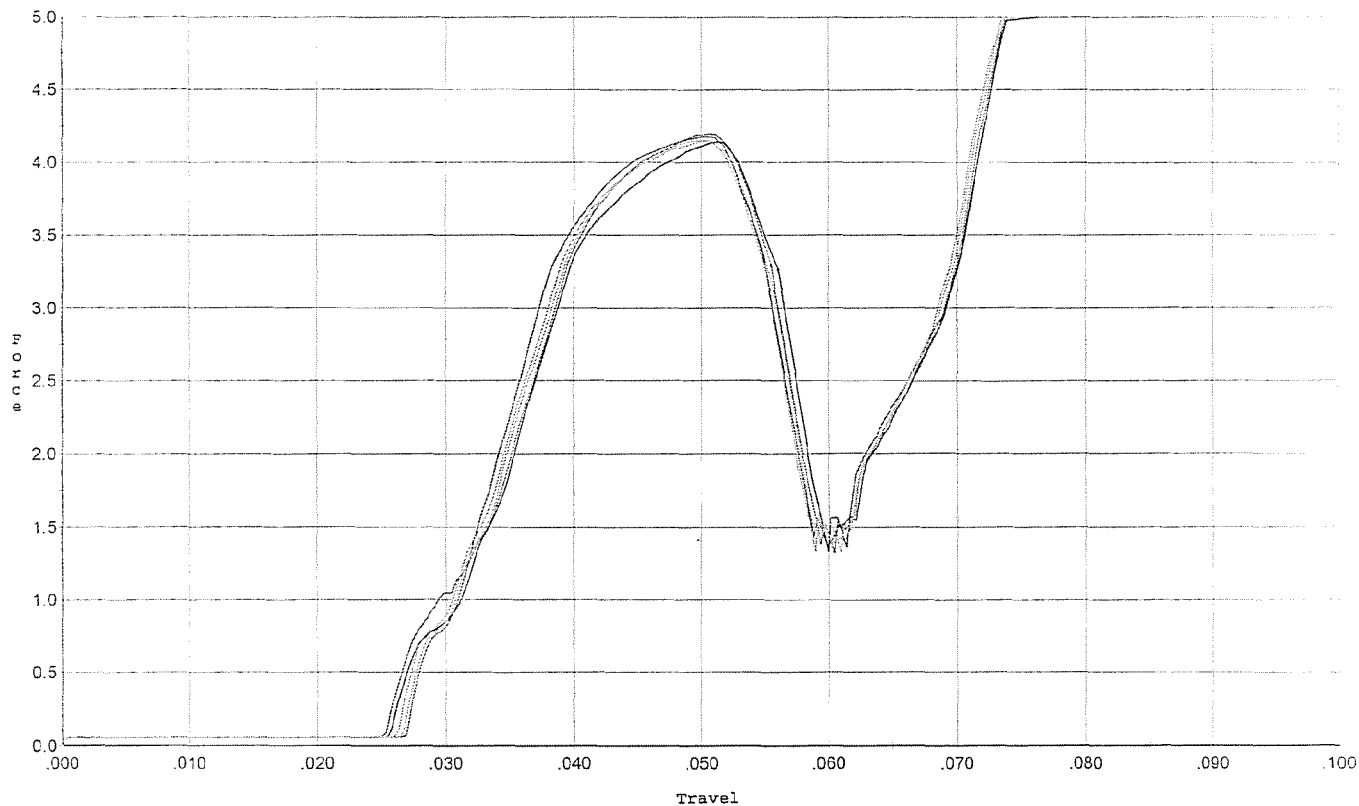
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.622	0.037	0.010	0.041	0.051		Set Trigger
2	2.696	0.052	0.026	0.037	0.053		Set Trigger
3	2.686	0.051	0.025	0.037	0.054		Set Trigger
4	2.620	0.050	0.025	0.038	0.051		Set Trigger
5	2.624	0.050	0.025	0.037	0.053		Set Trigger

AUG 2.65

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: S. Day 1/3/07

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 reset for target and accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.177	0.055	0.026	0.033	0.088		Set Trigger
2	4.141	0.056	0.026	0.032	0.087		Set Trigger
3	4.196	0.055	0.027	0.033	0.086		Set Trigger
4	4.148	0.056	0.027	0.032	0.086		Set Trigger
5	4.150	0.055	0.027	0.033	0.085		Set Trigger

Aug 4.15

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

R & E NUMBER	124476			
SERIAL NUMBER	C16498829			
LOG-IN DATE	1-30-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		2-6-07	RTZ
505	RE-BARREL		2-7-07	RTZ
560	ASSEMBLE		2-17-07	RTZ
600	PROOF		2-7-07	Fm
605	CHECK HEADSPACE	INSPECTED	2-7-07	Fm
610	DIS-ASSEMBLE GUN	FEB 13 2007	2-7-07	RTZ
612	MAGNAFLUX	OPERATOR APD	2-13-07	APD
510	DRILL AND TAP		2-12-07	TRW
615	ROLLMARK CALIBER		2-13-07	CW
618	ROTO-BLAST		2-13-07	LB
620	APPLY COATINGS		2-18-07	WB
625	FINAL ASSEMBLY		3-1-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	3-2-07	TRW
650	TARGET	PASS FAIL	3-2-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	3-2-07	Fm
670	FINAL INSPECTION		3/6/07	non
	A) HEADSPACE	PASS FAIL	3/6/07	non
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	280 282 279 283 277 3-6-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	50 50 50 3-6-07	DA
	G) SAFETY OFF FORCE	2 LBS MIN	20 20 20 3-6-07	DA
	I) FIRING PIN INDENT	.020	.023 .022 .022 3-6-07	DA
690	PACK		3-9-07	DA

Remington®



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

MODEL 700™ M24

SERIAL NO.

C6498829

ORDER NO.

5716

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

01



5716 C6498829

UPC



0 47700 25716 7

BARBER - M24 0008487

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0008487008526

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498829

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/17/90	RW
600	Proof		5/17/90	RW
607	Check Headspace		5/17/90	RW
610	Dis-assemble Gun		5/17/90	RW
612	Magnaflux Barrel Action		5/22/90	KCR
	Magnaflux Bolt		5/22/90	KCR
615	Rollmark Caliber		5/22/90	GS
617	Drill and Tap Sight Holes		5/23/90	LB
618	Polish Barrel <i>LB</i>		5/24/90	WB
620	Apply Coatings (Barrel Action)		6/4/90	JA
	Apply Coating (Bolt)		6/4/90	JA
625	Final Assembly A) Clean inside of Bolt Assembly		6/4/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/4/90	RW
	C) Inspect Ejector Hole for Chamfer		6/4/90	RW
	D) Oil Firing Pin Ass'y		6/4/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-11-90	RL

BARBER - M24 0008489

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3	3	3			6/12/90	WB
	G) Safety Off Force	2	2	2			6/12/90	WB
	H) Trigger Pull Test & Retainability						6-11-90	JL
	I) Firing Pin Indent	.023	.022	.0215			6/12/90	WB
	J) Assemble Stock						6/13/90	RW
	K) Assemble Swivel Studs						6/14/90	JL
	L) Attach Front and Rear Sight Assemblies						6/13/90	RW
	M) Iron Sight Alignment						6/13/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/13/90	RW
	O) Attach Scope to Rifle						6/13/90	WB
	P) Detach & Attach Scope 20 Times						6/13/90	WB
640	Gallery Target & Test						6-13-90	DH
	A) Time						6-13-90	DH
	B) Malfunctions						6-13-90	DH
	C) Pierced Primers						6-13-90	DH
	D) Optical Clarity of Scope						6-13-90	DH
645	Inspect for Live Ammo						6-13-90	DH
655	Final Inspection							
	A) Headspace						6/14/90	JL
	B) Trigger Pull	2.36	2.35	2.32	2.36	2.27	6/14/90	JL
	C) Function						6/14/90	JL
660	Pack						6-19-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6498829

DATE 6-11-90

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.47	2.35	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.32	2.30	2.35	
PULL #3	2.22	2.35	2.42	2.32	
PULL #4	2.48	2.41	2.40	2.36	
PULL #5	2.42	2.33	2.45	2.27	
TOTAL	11.72	11.88	11.92		
AVG.	2.344	2.376	2.384		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.34		
PULL #2	3.37	3.40		
PULL #3	3.35	3.39		
PULL #4	3.35	3.40		
PULL #5	3.42	3.35		
TOTAL	16.83	16.88		
AVG.	3.366	3.376		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.61	4.40		4.41
PULL #2	4.42	4.43		4.44
PULL #3	4.36	4.35		4.46
PULL #4	4.37	4.38		4.45
PULL #5	4.31	4.43		4.41
TOTAL	21.97	21.99		22.17
AVG.	4.394	4.398		4.434

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498829
13 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.248365
1 TO	2	.194366
1 TO	3	.219246
1 TO	4	.229713
1 TO	5	.390114

53
41 <----POA

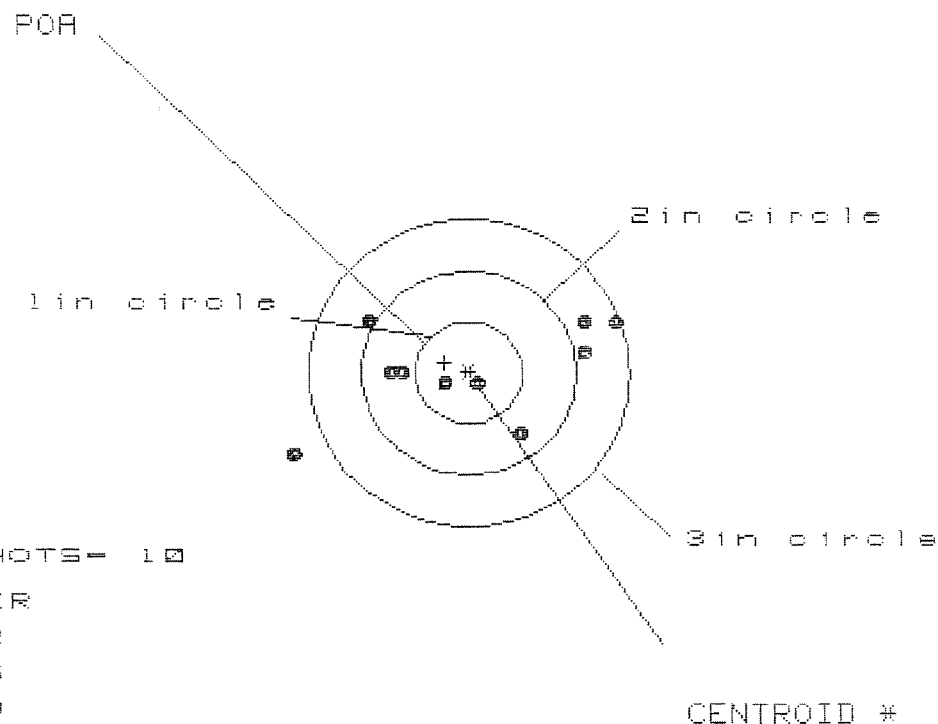
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0562
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0528
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0771121
THE AMR FOR THIS RIFLE IS: .8362

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498829

CENTERFIRE PATTERNS

1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 3.032

VS = 1.239

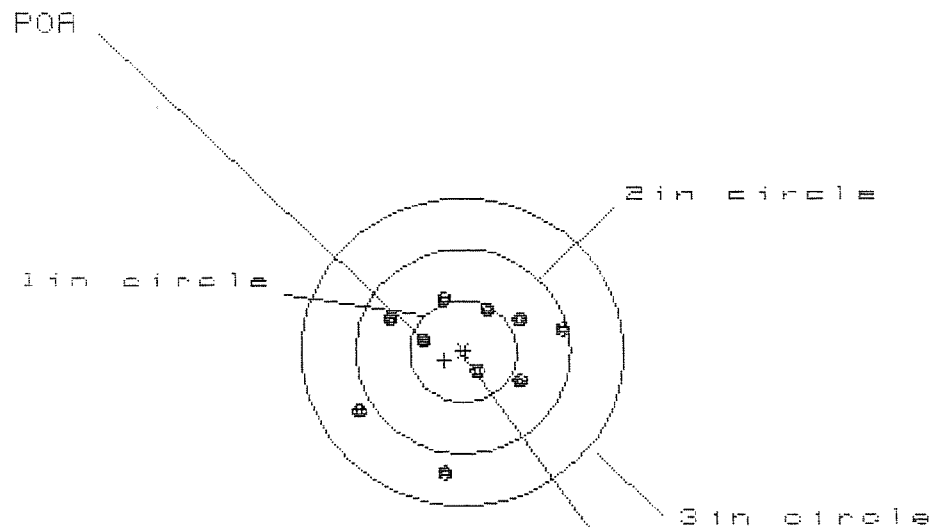
GS = 3.275

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.406	1.226	1.062
MINIMUM X	-1.626	-1.089	-.936
MAXIMUM Y	.479	.394	.436
MINIMUM Y	-.760	-.718	-.669
CENTROID X	.226	.406	.253
CENTROID Y	-.103	-.018	-.067
POA TO CENTROID in.	.248	.407	.262
MIN RADIUS	.125	.171	.129
MEAN RADIUS	.907	.824	.730
MAX RADIUS	1.795	1.287	1.084
HORIZONTAL SPREAD	3.032	2.315	1.998
VERTICAL SPREAD	1.239	1.112	1.105
EXTREME SPREAD	3.275	2.315	2.022
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C649B829

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS = 1.8883

VS = 1.701

GS = 2.032

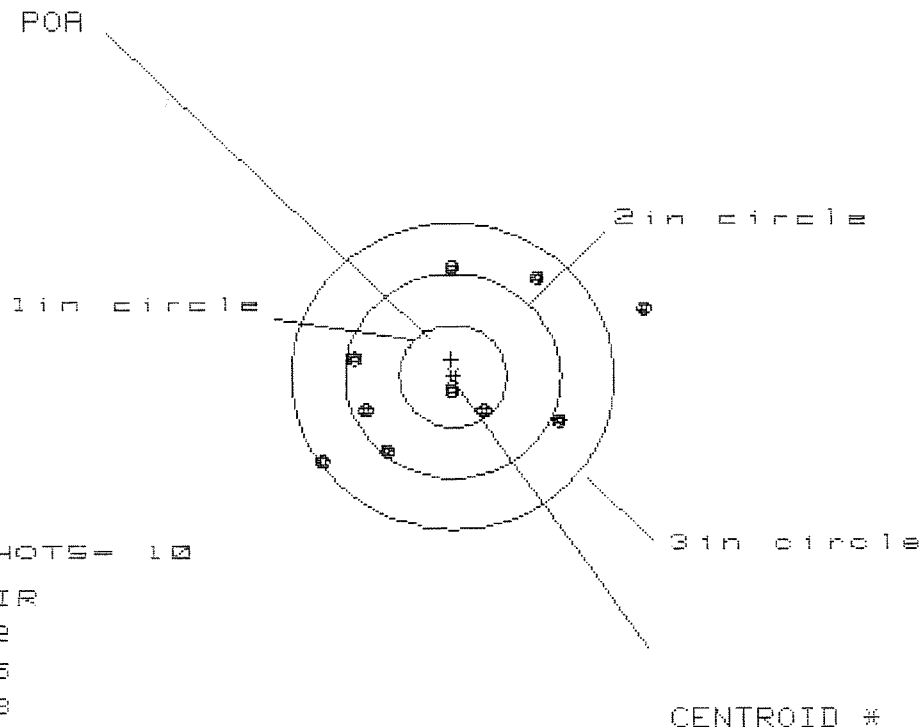
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.910	.886	.764
MINIMUM X	-.954	-.977	-.859
MAXIMUM Y	.563	.436	.351
MINIMUM Y	-1.138	-.684	-.473
CENTROID X	.173	.196	.318
CENTROID Y	.084	.211	.296
POA TO CENTROID in.	.192	.288	.435
MIN RADIUS	.255	.348	.267
MEAN RADIUS	.702	.633	.544
MAX RADIUS	1.158	1.193	.871
HORIZONTAL SPREAD	1.863	1.863	1.623
VERTICAL SPREAD	1.701	1.120	.824
EXTREME SPREAD	2.032	2.032	1.626
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

13 Jun 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8438823

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS = 2.997

VS = 1.869

GS = 3.365

CENTROID #

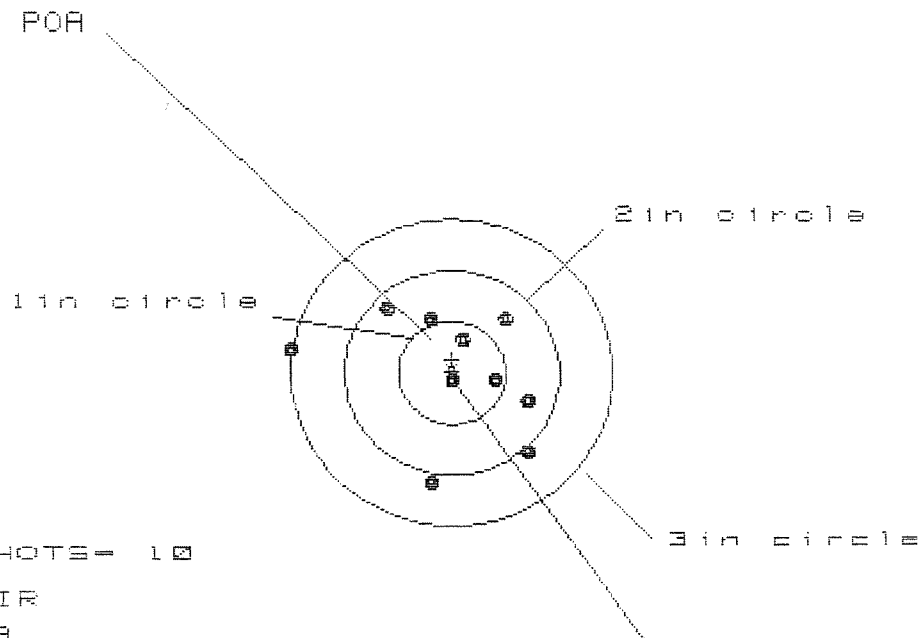
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.741	1.178	1.045
MINIMUM X	:	-1.256	-1.063	-.851
MAXIMUM Y	:	1.026	1.102	1.007
MINIMUM Y	:	-.843	-.767	-.755
CENTROID X	:	.016	-.177	-.044
CENTROID Y	:	-.166	-.242	-.147
POA TO CENTROID in.	:	.167	.300	.153
MIN RADIUS	:	.156	.167	.170
MEAN RADIUS	:	1.010	.887	.839
MAX RADIUS	:	1.872	1.419	1.260
HORIZONTAL SPREAD	:	2.997	2.241	1.896
VERTICAL SPREAD	:	1.869	1.869	1.762
EXTREME SPREAD	:	3.365	2.711	2.181
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498829

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 2.218

VS = 1.737

GS = 2.411

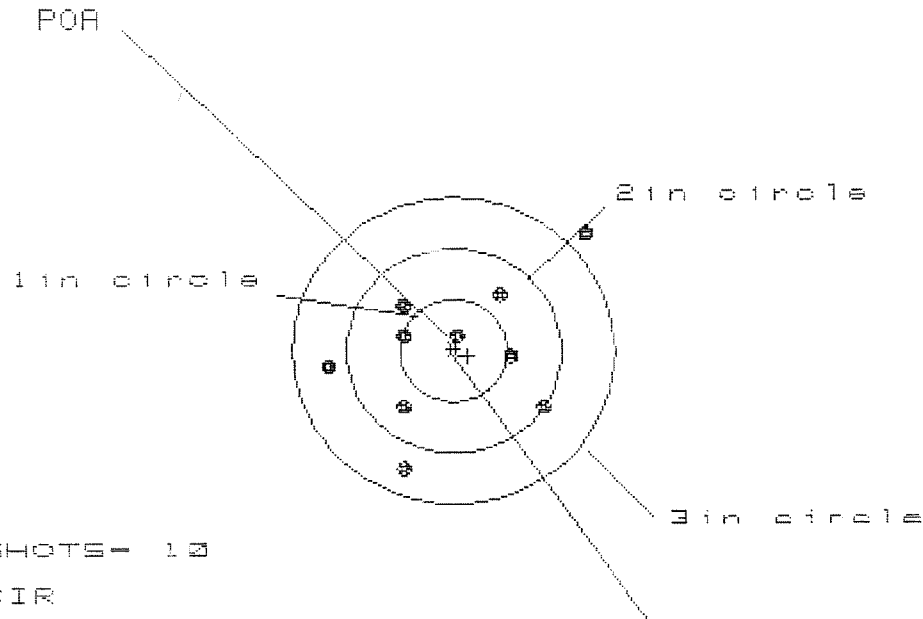
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.740	.576	.530
MINIMUM X	-1.478	-.747	-.793
MAXIMUM Y	.628	.651	.515
MINIMUM Y	-1.109	-1.086	-.850
CENTROID X	-.002	.162	.208
CENTROID Y	-.131	-.154	-.018
POA TO CENTROID in.	.131	.223	.209
MIN RADIUS	.045	.151	.220
MEAN RADIUS	.727	.621	.534
MAX RADIUS	1.492	1.148	1.001
HORIZONTAL SPREAD	2.218	1.323	1.323
VERTICAL SPREAD	1.737	1.737	1.365
EXTREME SPREAD	2.411	1.901	1.901
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

13 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498029

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 8

HS = 2.338

VS = 2.351

GS = 2.880

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.185	.914	.871
MINIMUM X	-1.153	-1.022	-1.065
MAXIMUM Y	1.169	.707	.576
MINIMUM Y	-1.182	-1.052	-.562
CENTROID X	-.132	-.263	-.228
CENTROID Y	.052	-.078	.053
POA TO CENTROID in.	.142	.275	.226
MIN RADIUS	.126	.302	.173
MEAN RADIUS	.835	.743	.673
MAX RADIUS	1.665	1.107	1.078
HORIZONTAL SPREAD	2.338	1.936	1.936
VERTICAL SPREAD	2.351	1.759	1.138
EXTREME SPREAD	2.880	1.999	1.976
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		