

C6611599

MODEL 700™ M24

Model **S&S**™

Action _____

Barrel Length _____

Capacity _____

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: **RE00145805**

Serial: C6611599 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 5/23/2008 10:30:17 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: **TRANSPORTATION OFFICE**

TRANSPORTATION OFFICE

Address 1: **BLDG 330**

BLDG 330

Address 2: **4885 CHILES AVE**

PO Box:

4885 CHILES AVE

PO Box:

City: **FORT CARSON**

FORT CARSON

State: **CO**

Zip Code: **80913**

Country: **US**

State: **CO**

Zip Code: **80913**

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
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

5/23/2008

4:02 PM

CAPS

NUM

INS

SCRL



3 Microsoft Of...

My Excite - Win...

Organizational A...

Arms Services R...



4:02 PM

Number: **C6611599**

Model: **M24 SWS**



RE00145805

Remington.

Remington Arms Company, Inc.
www.remington.com

THOMAS J. NAGLE

M-24 Contract Coordinator
Supervisor, Service Department

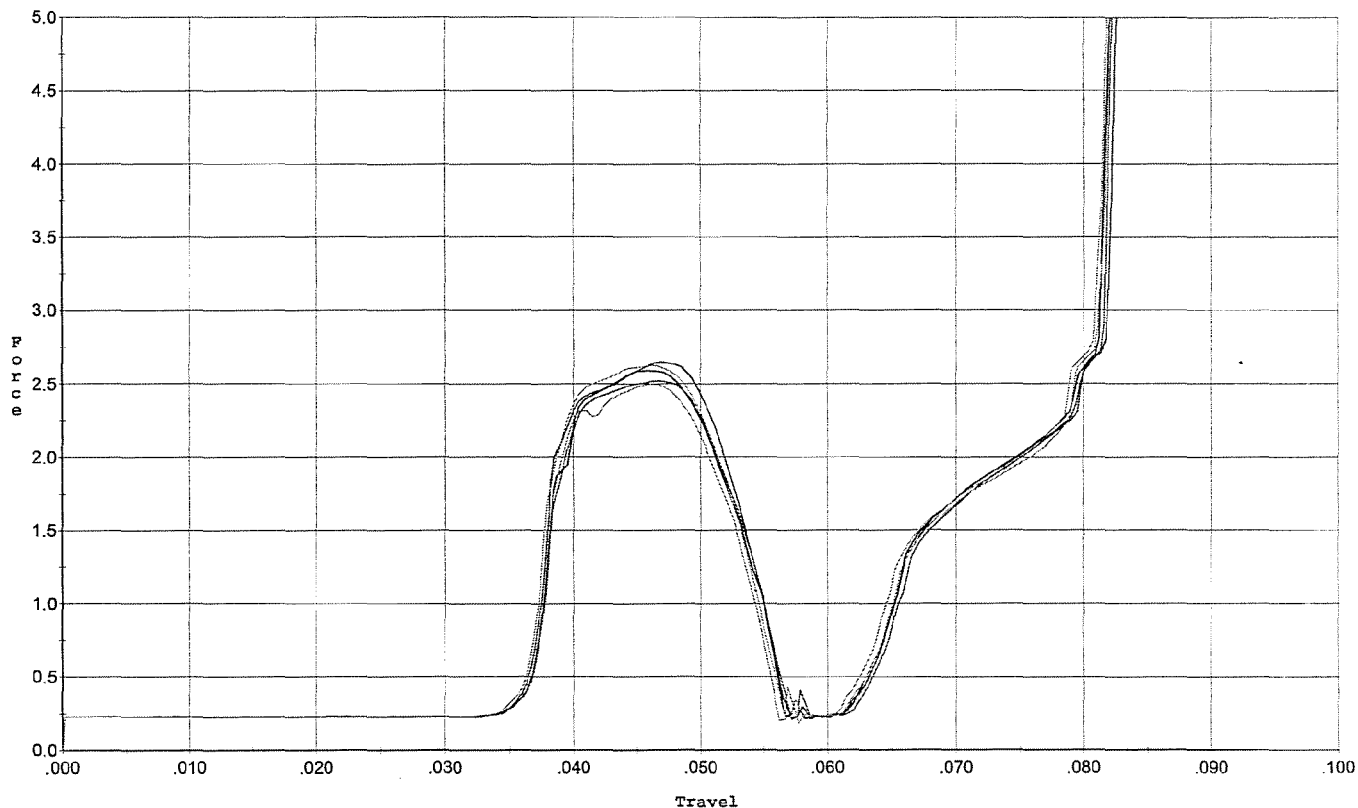
tom.nagle@remington.com

Phone 315-895-3289 Fax 315-895-3209
14 Hoefler Avenue, Ilion, NY 13357

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/02/08

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



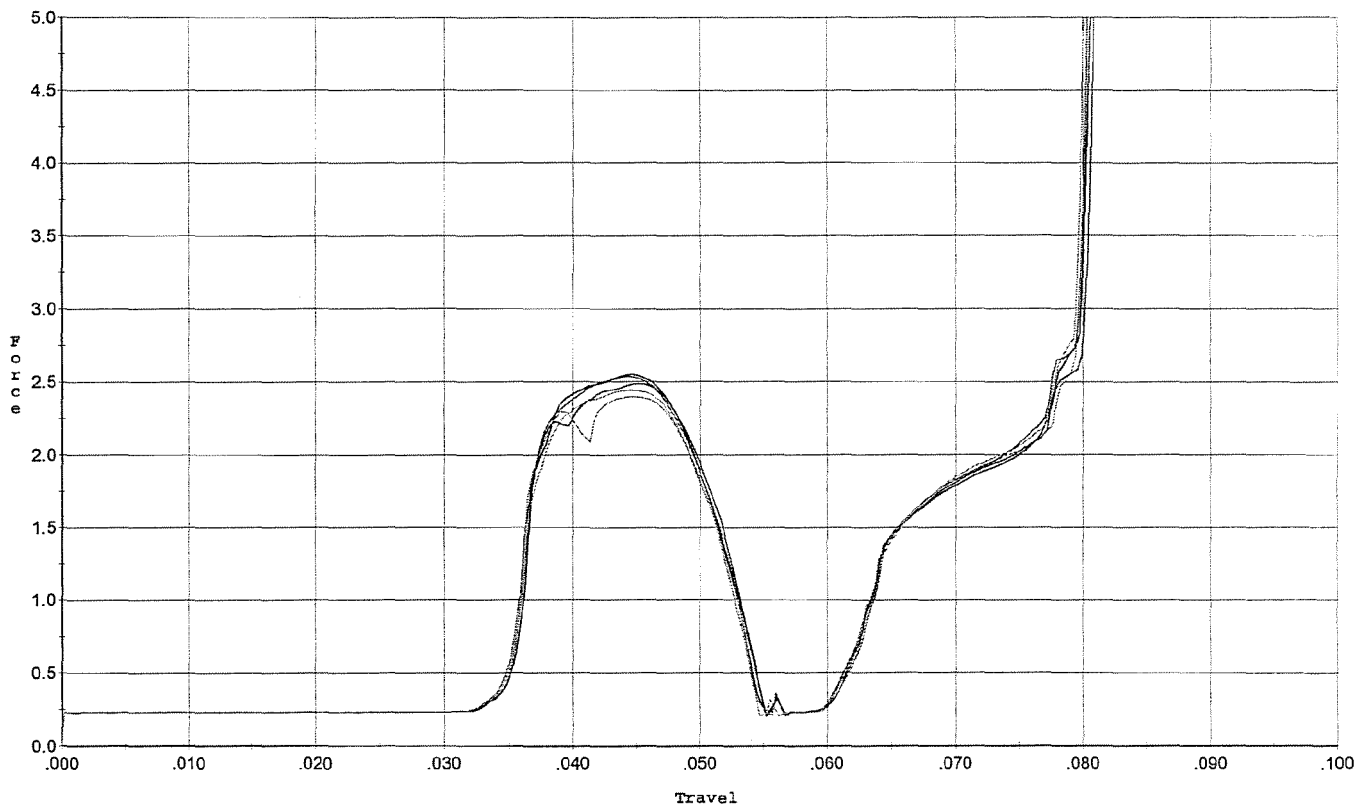
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.647	0.055	0.036	0.035	0.048		Set Trigger
2	2.588	0.055	0.036	0.035	0.046		Set Trigger
3	2.520	0.055	0.036	0.035	0.046		Set Trigger
4	2.624	0.054	0.036	0.035	0.047		Set Trigger
5	2.498	0.055	0.036	0.035	0.044		Set Trigger

AVG 2.57

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/02/08

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



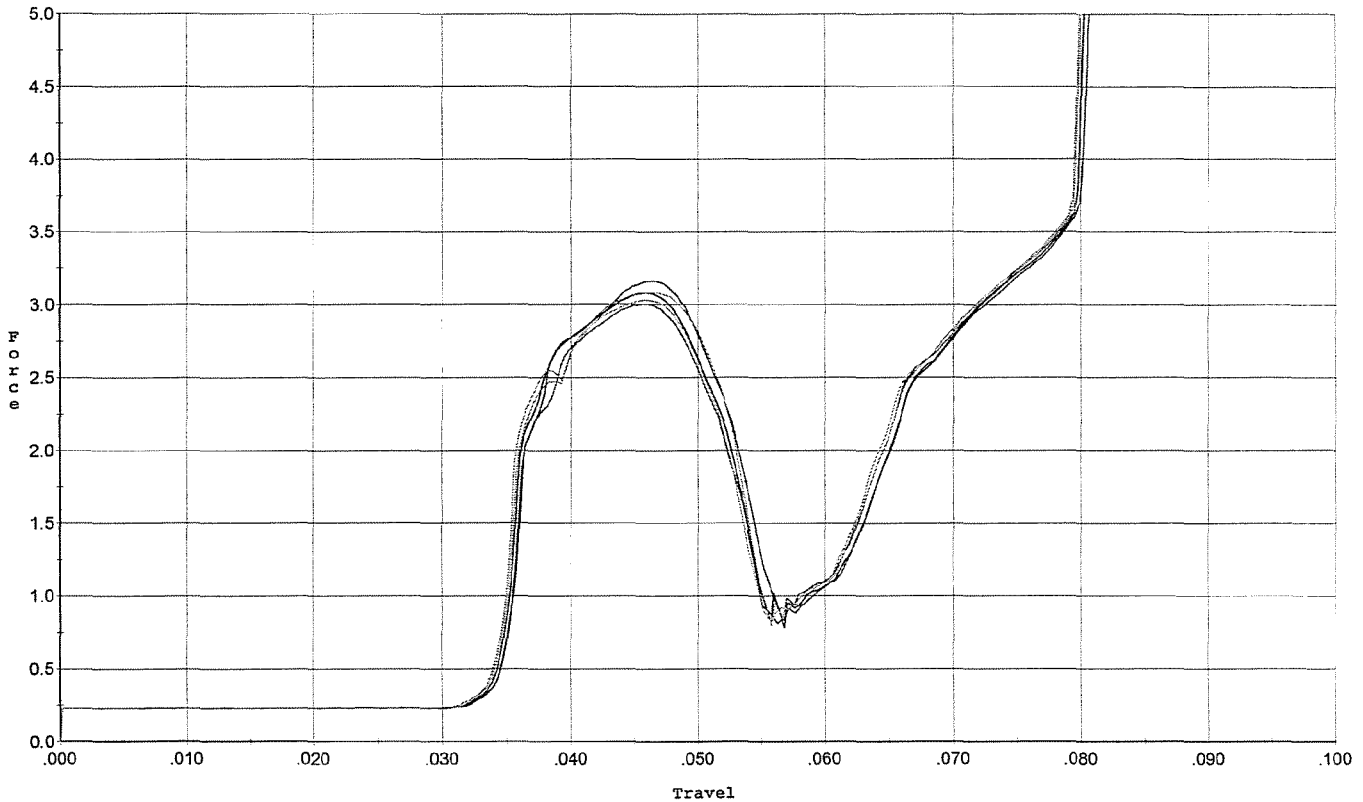
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.488	0.054	0.034	0.035	0.046		Set Trigger
2	2.552	0.053	0.035	0.035	0.045		Set Trigger
3	2.535	0.054	0.035	0.034	0.046		Set Trigger
4	2.443	0.053	0.035	0.035	0.044		Set Trigger
5	2.399	0.053	0.034	0.035	0.044		Set Trigger

AVG 2.48

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/02/08

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



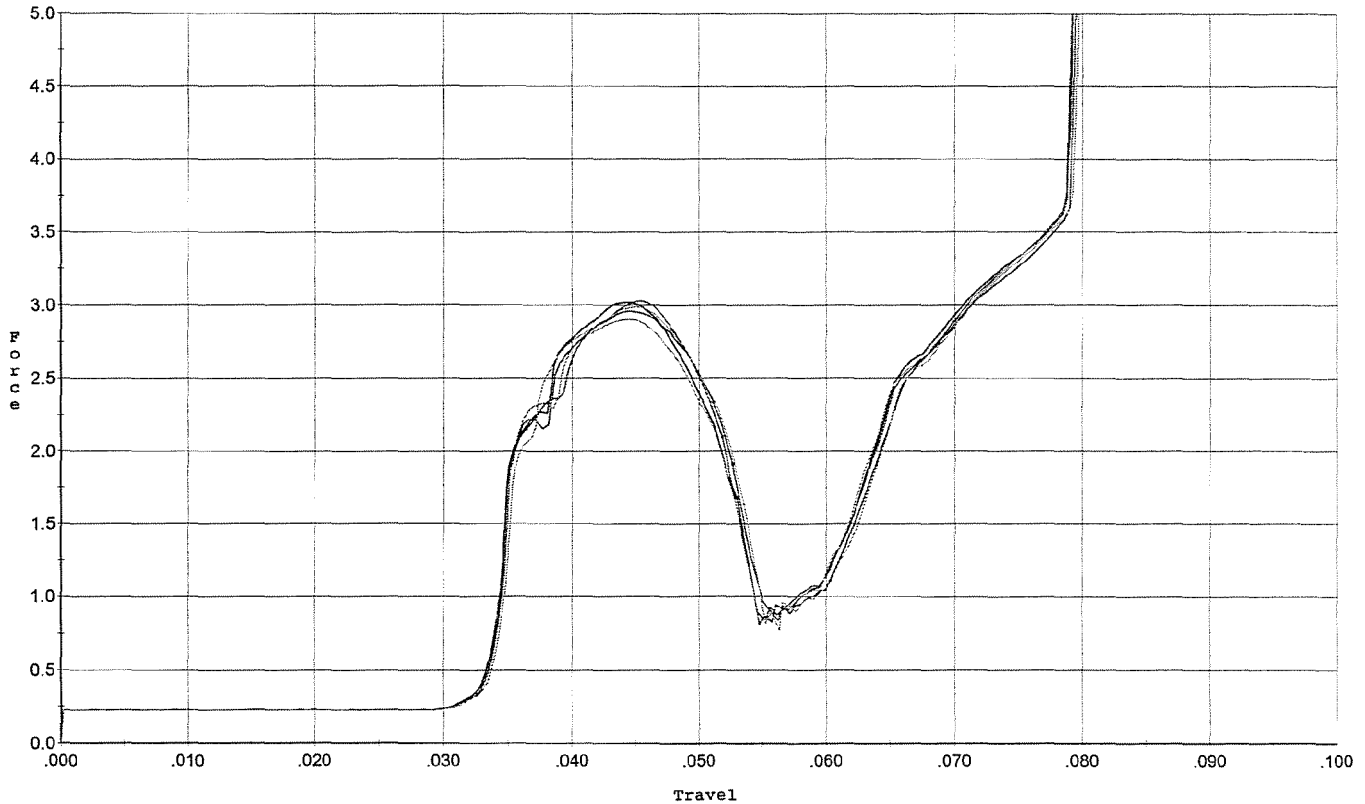
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.161	0.054	0.034	0.033	0.058		Set Trigger
2	3.082	0.053	0.034	0.033	0.057		Set Trigger
3	3.004	0.053	0.034	0.033	0.055		Set Trigger
4	3.032	0.053	0.034	0.033	0.056		Set Trigger
5	3.082	0.053	0.034	0.033	0.057		Set Trigger

Avg 3.07

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/02/08

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



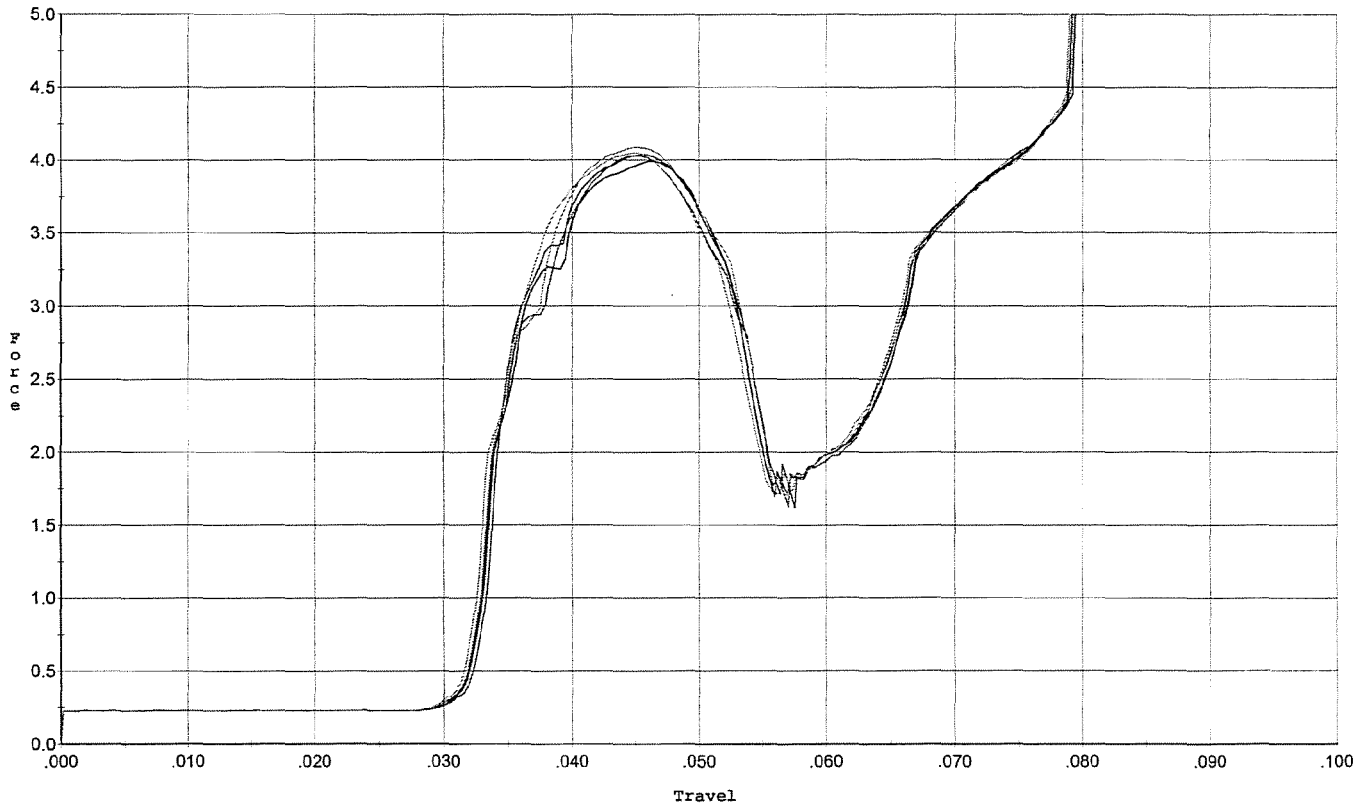
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.958	0.053	0.033	0.033	0.055		Set Trigger
2	3.018	0.053	0.033	0.033	0.056		Set Trigger
3	3.029	0.052	0.033	0.033	0.054		Set Trigger
4	2.987	0.054	0.033	0.033	0.057		Set Trigger
5	2.903	0.053	0.033	0.033	0.055		Set Trigger

Avg 2.97

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/02/08

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



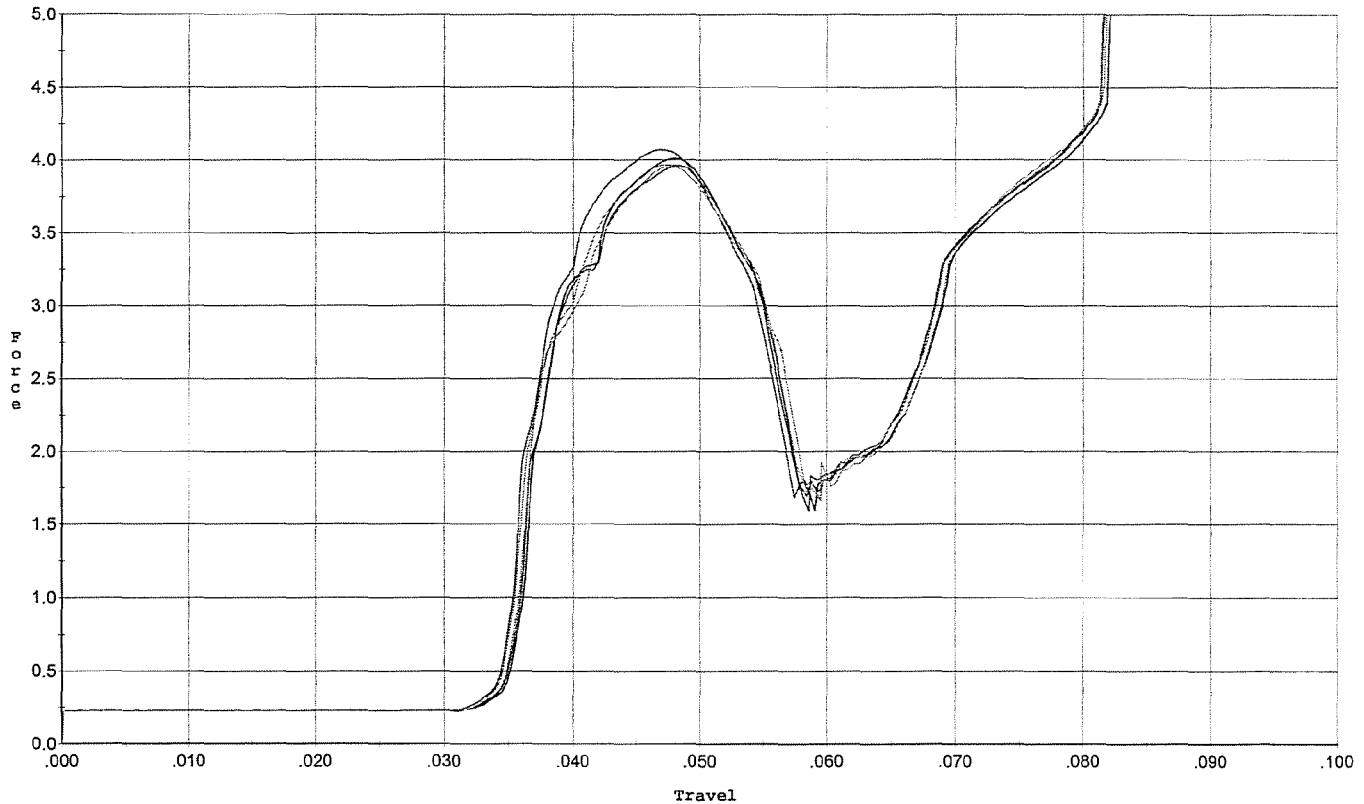
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.038	0.054	0.032	0.031	0.080		Set Trigger
2	3.992	0.053	0.032	0.031	0.077		Set Trigger
3	4.029	0.054	0.032	0.031	0.079		Set Trigger
4	4.049	0.053	0.032	0.031	0.077		Set Trigger
5	4.085	0.054	0.031	0.030	0.081		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 6/02/08

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



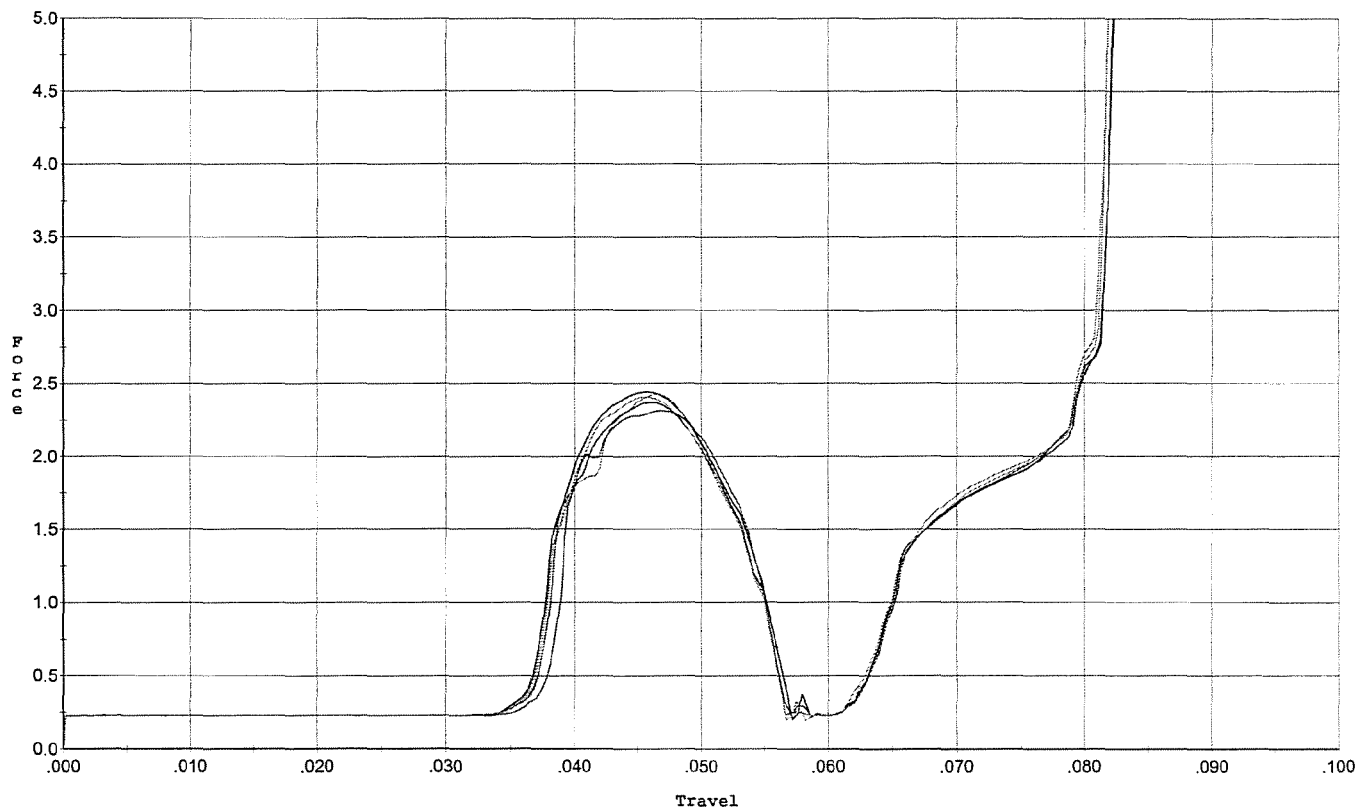
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.958	0.055	0.035	0.032	0.074		Set Trigger
2	4.012	0.056	0.035	0.032	0.076		Set Trigger
3	4.070	0.056	0.034	0.032	0.078		Set Trigger
4	3.966	0.056	0.034	0.031	0.077		Set Trigger
5	3.964	0.056	0.035	0.031	0.078		Set Trigger

Avg 3.99

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/02/08

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



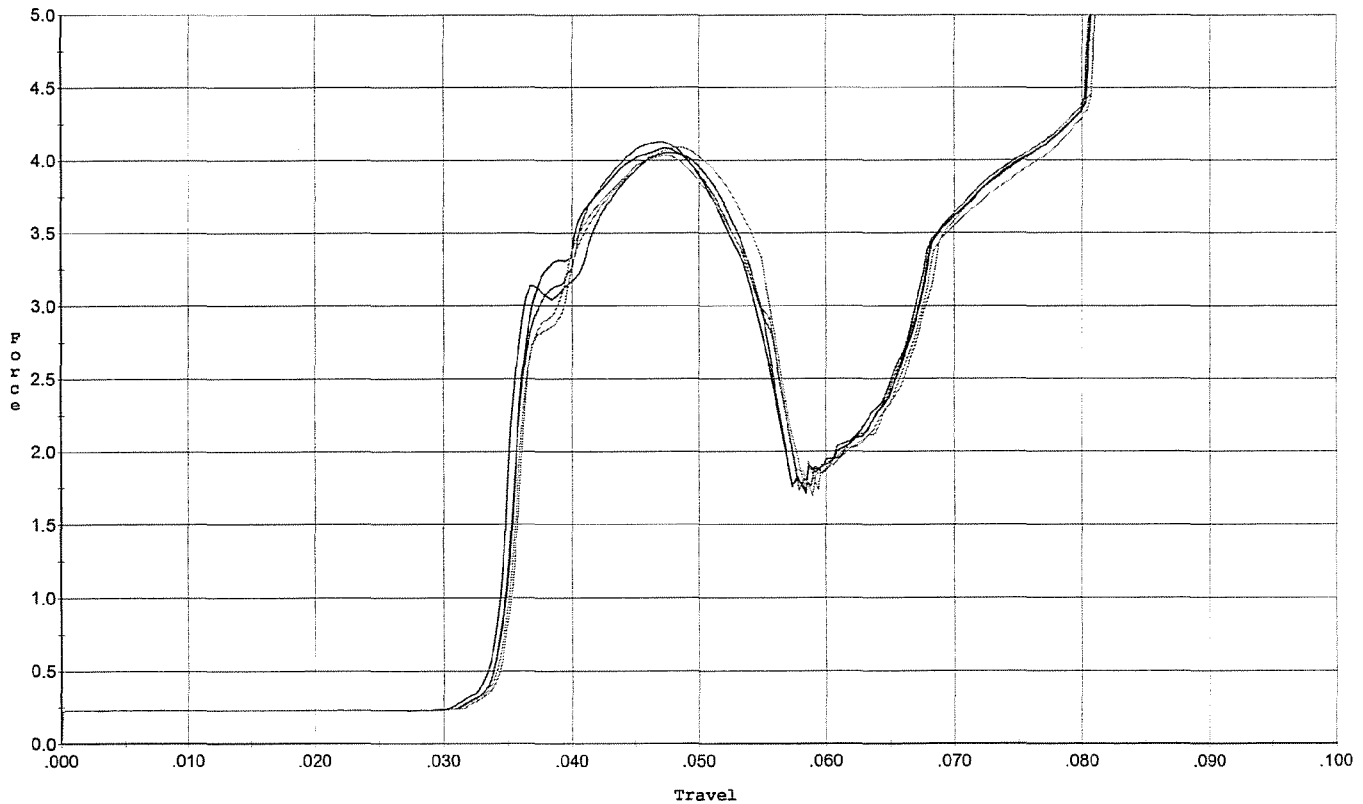
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.371	0.055	0.037	0.035	0.042		Set Trigger
2	2.441	0.056	0.037	0.035	0.045		Set Trigger
3	2.313	0.055	0.038	0.035	0.041		Set Trigger
4	2.407	0.055	0.037	0.035	0.043		Set Trigger
5	2.425	0.055	0.037	0.035	0.042		Set Trigger

Avg 2.39

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 6/02/08

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	4.053	0.055	0.033	0.031	0.081		Set Trigger
2	4.086	0.056	0.034	0.031	0.081		Set Trigger
3	4.124	0.056	0.034	0.030	0.082		Set Trigger
4	4.034	0.056	0.034	0.030	0.080		Set Trigger
5	4.091	0.055	0.034	0.031	0.080		Set Trigger

AVG 4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611599.__0
FILE DATE AND TIME: 06/24/2008 14:31

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.148
The Average Y Centroid of the Five Target Set:	-0.024
The Average Point of Impact of the Five Target Set:	0.150
The Average Mean Radius of the Five Target Set:	0.723
The Distance from POA to Centroid Target #1:	0.427
The Distance from Centroid Target #2 to Centroid Target #1:	0.335
The Distance from Centroid Target #3 to Centroid Target #1:	0.418
The Distance from Centroid Target #4 to Centroid Target #1:	0.398
The Distance from Centroid Target #5 to Centroid Target #1:	0.325

SERIAL NUMBER: C6611599. 0

TARGET NUMBER: 1

FILE DATE: 06/24/2008

FILE TIME: 14:31

X CENTROID: -0.423

Y CENTROID: 0.058

POA TO CENTROID: 0.427

HORZ SPREAD: 2.396

VERT SPREAD: 1.208

GROUP SPREAD: 2.404

MIN RADIUS: 0.229

MAX RADIUS: 1.632

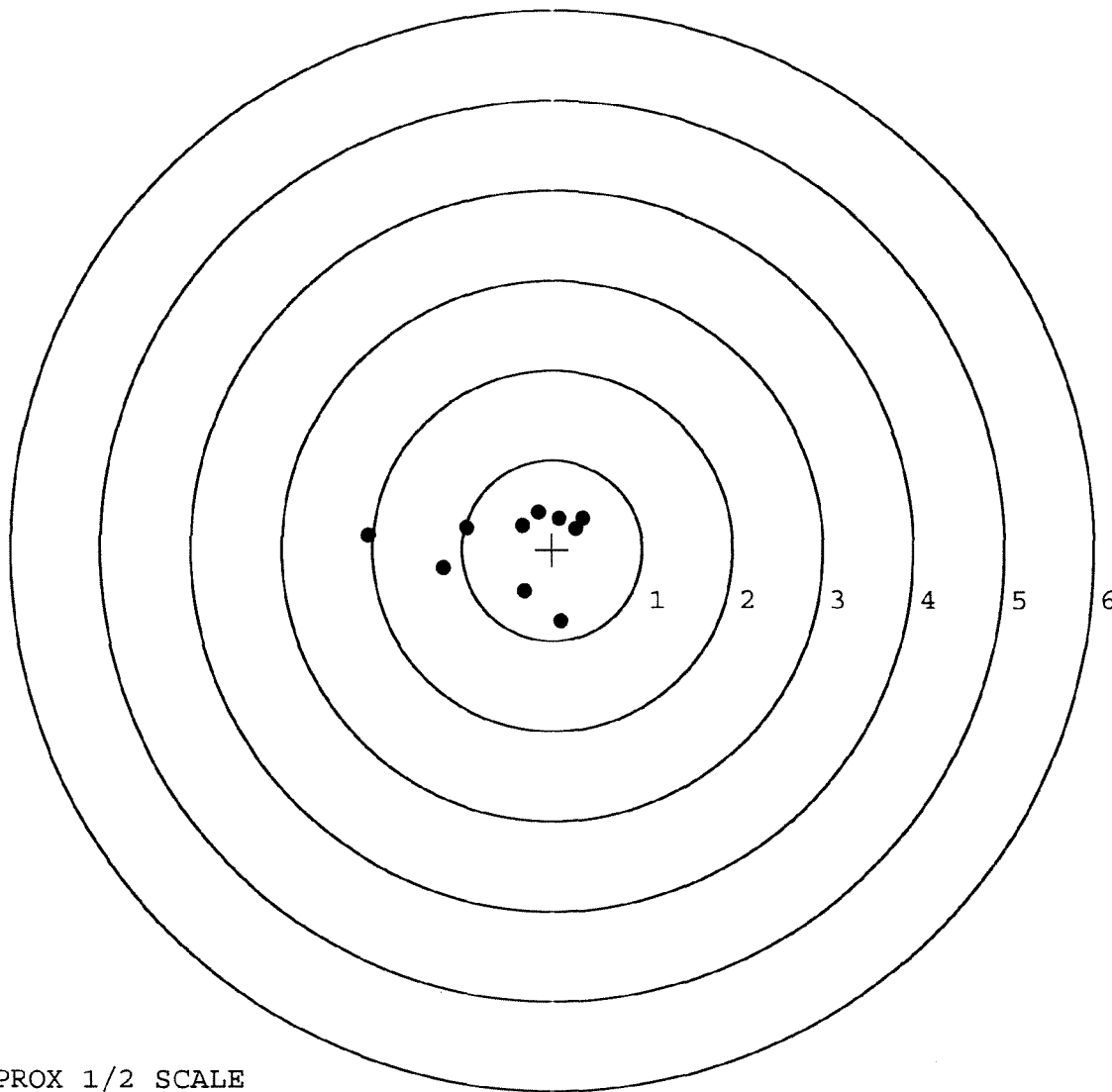
MEAN RADIUS: 0.734

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.207	-0.209
2:	-0.950	0.247
3:	-2.052	0.160
4:	0.099	-0.790
5:	-0.309	-0.466
6:	0.344	0.355
7:	0.263	0.242
8:	0.075	0.352
9:	-0.155	0.418
10:	-0.336	0.270



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611599. 0

TARGET NUMBER: 2

FILE DATE: 06/24/2008

FILE TIME: 14:31

X CENTROID: -0.142

Y CENTROID: -0.126

POA TO CENTROID: 0.190

HORZ SPREAD: 1.660

VERT SPREAD: 2.130

GROUP SPREAD: 2.245

MIN RADIUS: 0.505

MAX RADIUS: 1.208

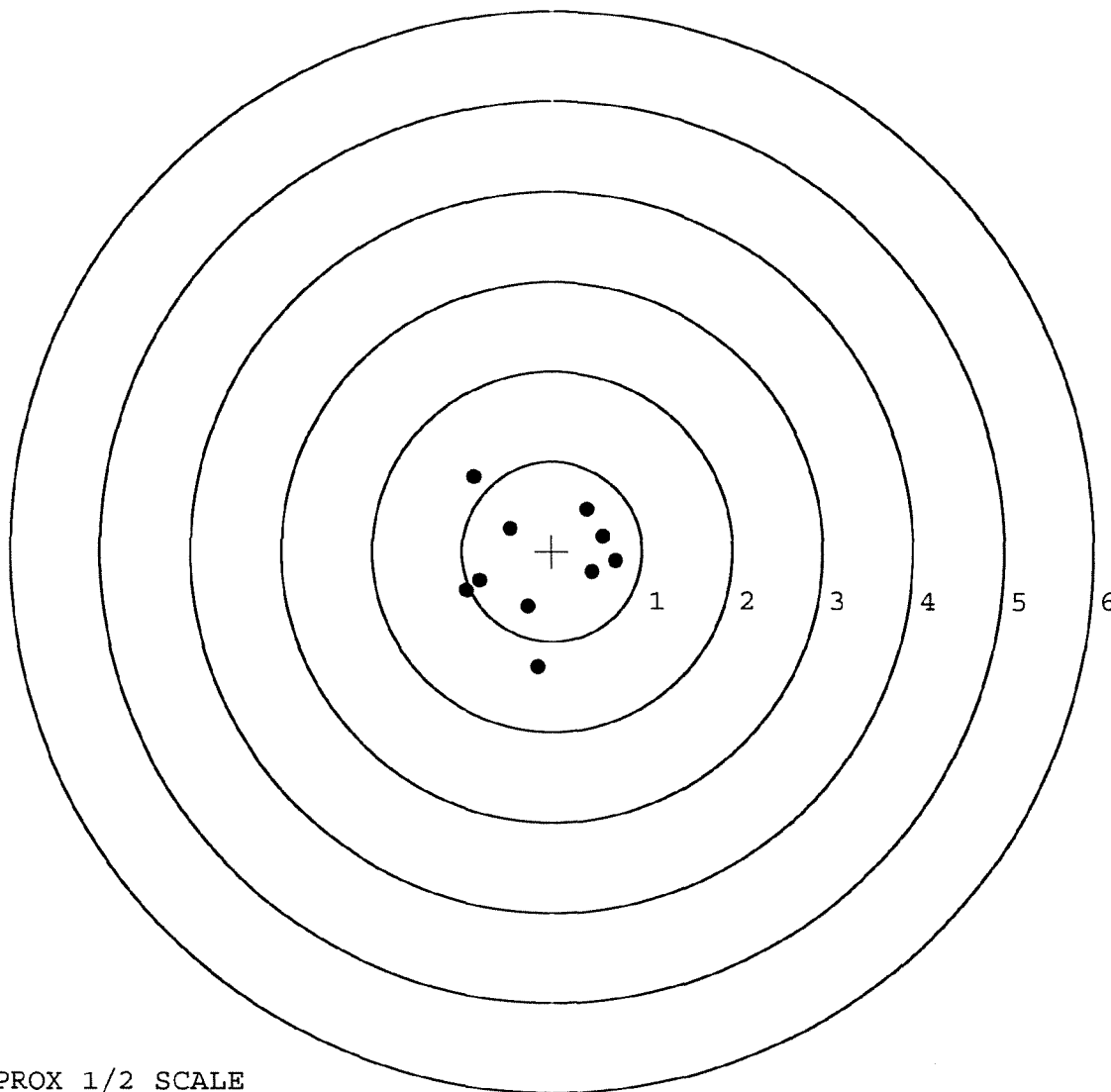
MEAN RADIUS: 0.797

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.159	-1.291
2:	-0.273	-0.617
3:	-0.952	-0.439
4:	-0.806	-0.325
5:	-0.468	0.260
6:	-0.869	0.839
7:	0.448	-0.227
8:	0.708	-0.108
9:	0.561	0.173
10:	0.387	0.480



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611599. 0

TARGET NUMBER: 3

FILE DATE: 06/24/2008

FILE TIME: 14:31

X CENTROID: -0.035

Y CENTROID: -0.099

POA TO CENTROID: 0.105

HORZ SPREAD: 1.720

VERT SPREAD: 1.862

GROUP SPREAD: 2.165

MIN RADIUS: 0.413

MAX RADIUS: 1.198

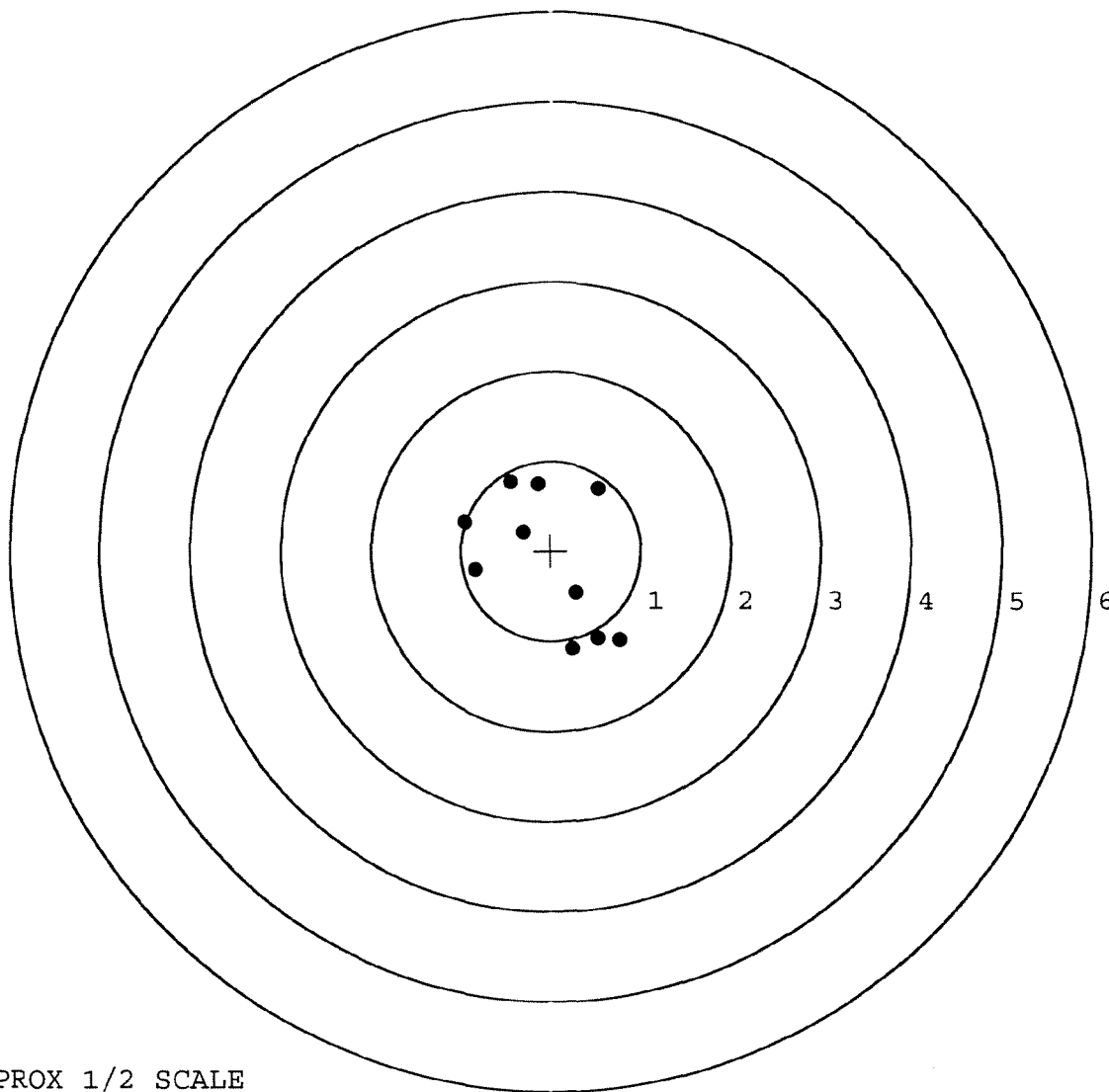
MEAN RADIUS: 0.877

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.764	-0.991
2:	0.522	-0.972
3:	0.243	-1.090
4:	0.286	-0.464
5:	-0.312	0.207
6:	-0.956	0.324
7:	-0.835	-0.213
8:	-0.453	0.772
9:	-0.143	0.741
10:	0.533	0.696



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611599. __ 0

TARGET NUMBER: 4

FILE DATE: 06/24/2008

FILE TIME: 14:31

X CENTROID: -0.026

Y CENTROID: 0.088

POA TO CENTROID: 0.092

HORZ SPREAD: 1.064

VERT SPREAD: 1.652

GROUP SPREAD: 1.688

MIN RADIUS: 0.247

MAX RADIUS: 0.889

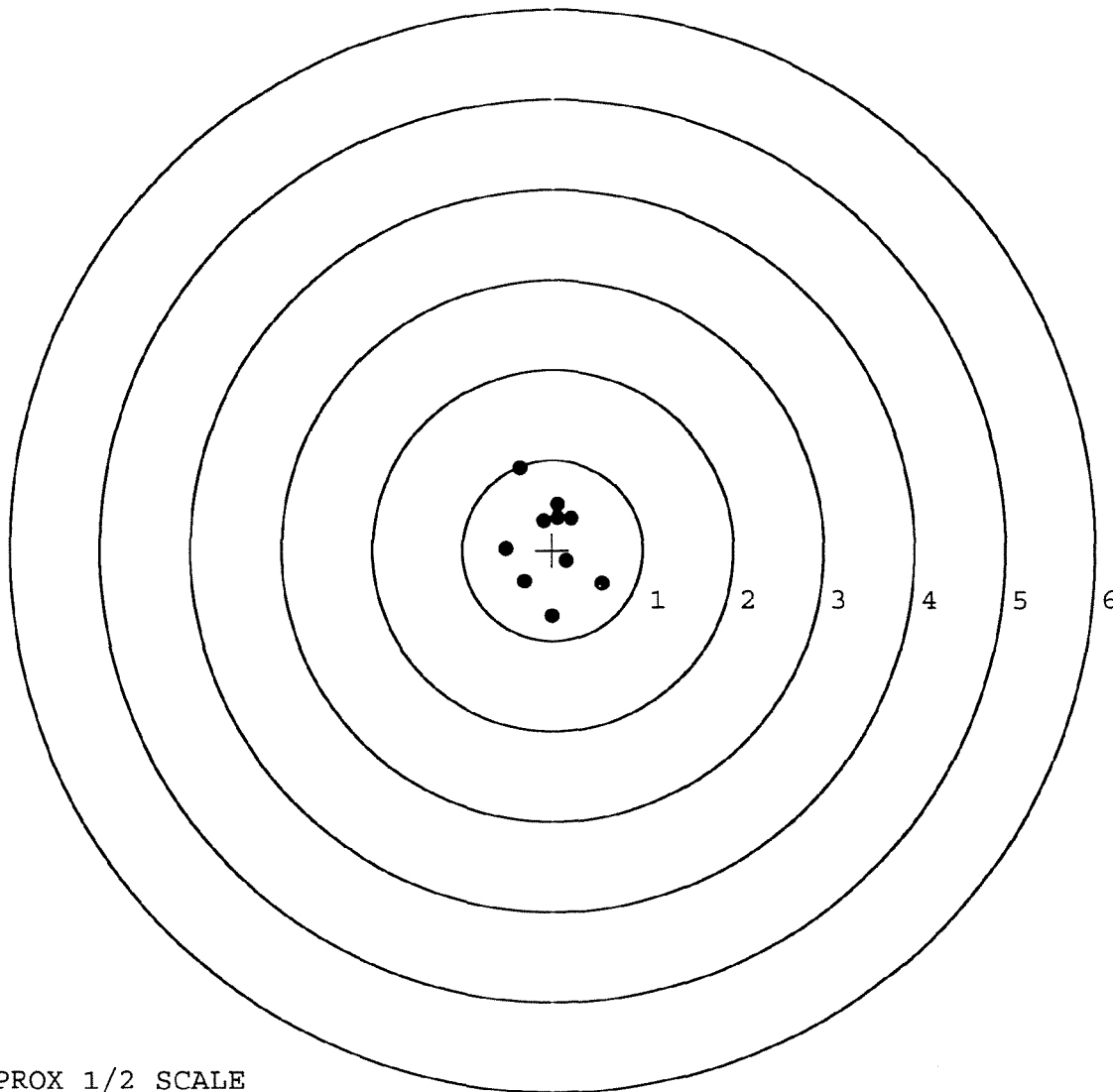
MEAN RADIUS: 0.505

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.550	-0.371
2:	-0.013	-0.740
3:	0.160	-0.121
4:	-0.307	-0.350
5:	-0.514	0.016
6:	0.209	0.351
7:	0.057	0.503
8:	-0.103	0.323
9:	0.059	0.358
10:	-0.360	0.912



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611599. __0

TARGET NUMBER: 5

FILE DATE: 06/24/2008

FILE TIME: 14:31

X CENTROID: -0.113

Y CENTROID: -0.040

POA TO CENTROID: 0.120

HORZ SPREAD: 1.970

VERT SPREAD: 1.994

GROUP SPREAD: 2.062

MIN RADIUS: 0.148

MAX RADIUS: 1.068

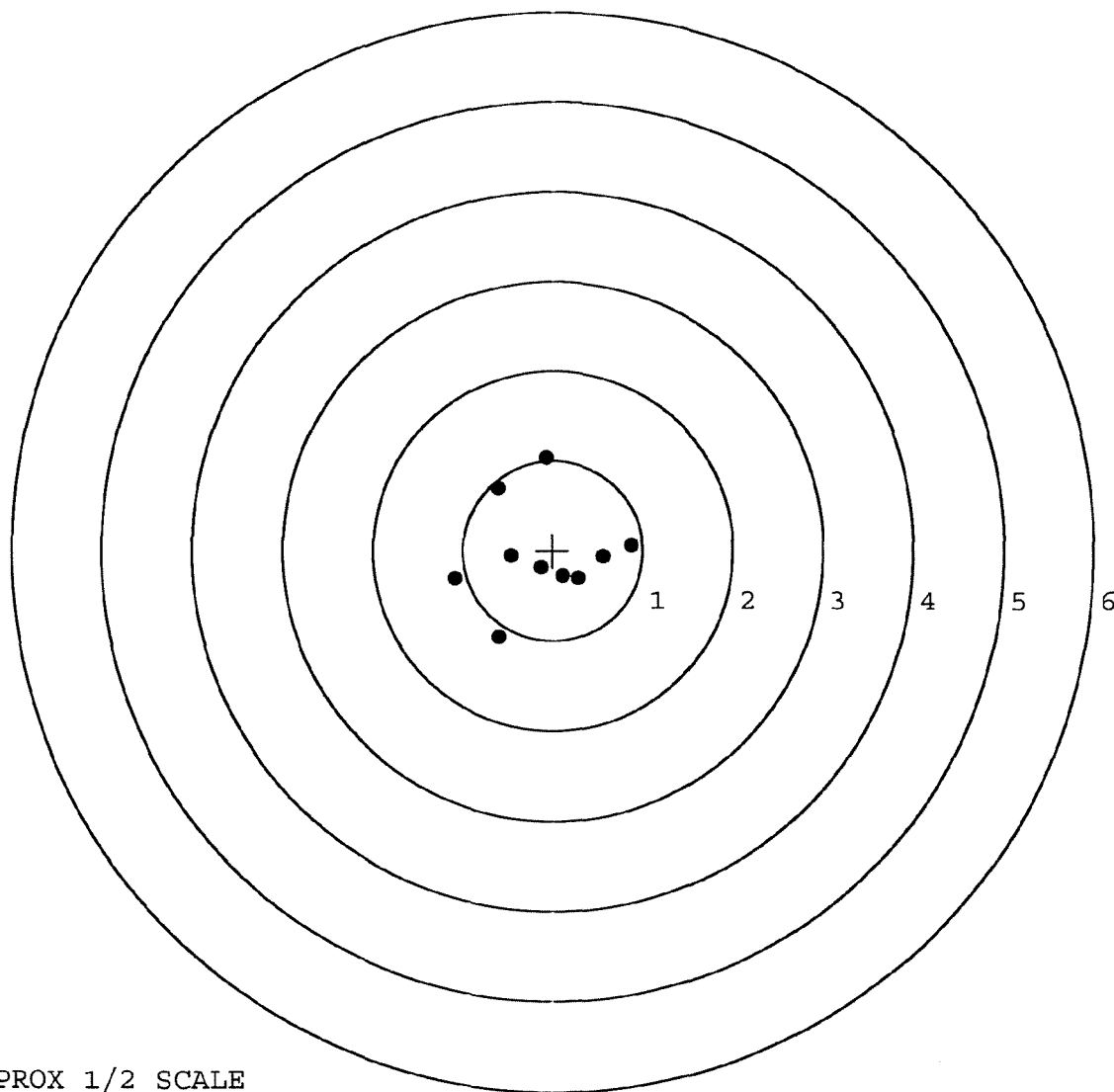
MEAN RADIUS: 0.702

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.079	1.028
2:	-0.612	0.699
3:	0.879	0.060
4:	0.563	-0.065
5:	0.289	-0.313
6:	0.118	-0.283
7:	-0.128	-0.187
8:	-0.465	-0.054
9:	-1.091	-0.318
10:	-0.604	-0.966



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

R & E NUMBER	145805		
SERIAL NUMBER	C6611599		
LOG-IN DATE	5-23-08		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-3-08	RTZ
505	RE-BARREL	6-16-08	BN
420	ASSEMBLE	6-16-08	SP
440	PROOF	6-16-08	SD
460	CHECK HEADSPACE	6-16-08	SD
470	DIS-ASSEMBLE GUN	6-16-08	RP
480	MAGNAFLUX	6-17-08	
510	DRILL AND TAP	6-17-08	TRW
500	ROLLMARK CALIBER	6-17-08	RT
520	GOFF BLAST BBL / REC	6-18-08	TL
530 & 540	APPLY COATINGS	6-19-08	LT
560	FINAL ASSEMBLY	6-24-08	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	6-24-08 TRW
650	TARGET	(PASS) FAIL	6-24-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		6-24-08 MZM
	A) HEADSPACE	(PASS) FAIL	6-25-08 RTZ
	B) TRIGGER PULL	2.56 2.48 2.47 2.52 2.50	6-25-08 FM
680	F) SAFETY ON FORCE	5- 5- 5-	6-25-08 FM
	G) SAFETY OFF FORCE	3- 3- 3-	6-25-08 FM
	I) FIRING PIN INDENT	.022 .022 .022	6-25-08 FM
690	PACK		6-25-08 FM

F006 REV 5/2006

 		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6611599
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611599

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/26/91	K.S.
600	Proof		3/26/91	K.S.
607	Check Headspace		3/26/91	K.S.
610	Dis-assemble Gun		3/26/91	K.S.
612	Magnaflux Barrel Action	APR 2 1991		KR
	Magnaflux Bolt	APR 2 1991		CC
615	Rollmark Caliber	APR 2 1991		GB
617	Drill and Tap Sight Holes	APR 5 1991		EB
618	Polish Barrel	APR 5 1991		WB
620	Apply Coatings (Barrel Action)		4-10-91	PA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/10/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/10/91	KS
	C) Inspect Ejector Hole for Chamfer		4/10/91	KS
	D) Oil Firing Pin Ass'y		4/10/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/11/91	PA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/11/91	JK
	G) Safety Off Force	4	4	4			4/11/91	JK
	H) Trigger Pull Test & Retainability						4/11/91	JK
	I) Firing Pin Indent	.0215	.021	.0225			4/11/91	JK
	J) Assemble Stock						4/11/91	KS
	K) Assemble Swivel Studs						4-17-91	K
	L) Attach Front and Rear Sight Assemblies						4/11/91	KS
	M) Iron Sight Alignment						4/11/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/11/91	KS
	O) Attach Scope to Rifle						4/11/91	KS
	P) Detach & Attach Scope 20 Times						4/11/91	KS
640	Gallery Target & Test						4-12-91	DH
	A) Time						4-12-91	DH
	B) Malfunctions						4-12-91	DH
	C) Pierced Primers						4-12-91	DH
	D) Optical Clarity of Scope						4-12-91	DH
645	Inspect for Live Ammo						4-12-91	DH
655	Final Inspection							
	A) Headspace						4-17-91	K
	B) Trigger Pull	2.51	2.50	2.50	2.53	2.57	4/16/91	JK
	C) Function						4-17-91	AC
660	Pack						6-17-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611599

DATE 4/11/91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.19	2.30	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.29	2.25	2.50	
PULL #3	2.29	2.22	2.38	2.50	
PULL #4	2.25	2.32	2.36	2.53	
PULL #5	2.25	2.32	2.36	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.38		
PULL #2	3.42	3.46		
PULL #3	3.40	3.49		
PULL #4	3.29	3.14		
PULL #5	3.25	3.57		
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	4.28		4.50
PULL #2	4.42	4.33		4.32
PULL #3	4.38	4.29		4.60
PULL #4	4.40	4.22		4.57
PULL #5	4.29	4.44		4.59
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6611599
 12 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.639973
1 TO	2	.303369
1 TO	3	.691556
1 TO	4	.694102
1 TO	5	.819664

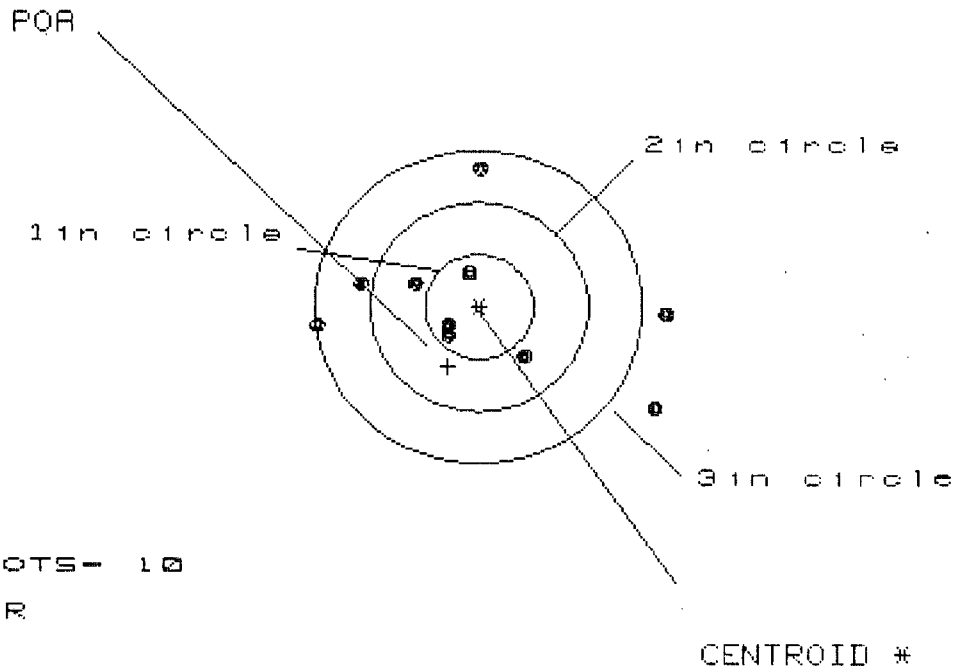
$\frac{3}{4} \frac{2}{1}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0208
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2048
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .205854
 THE AMR FOR THIS RIFLE IS: .939

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611599

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 3.152

VS= 2.299

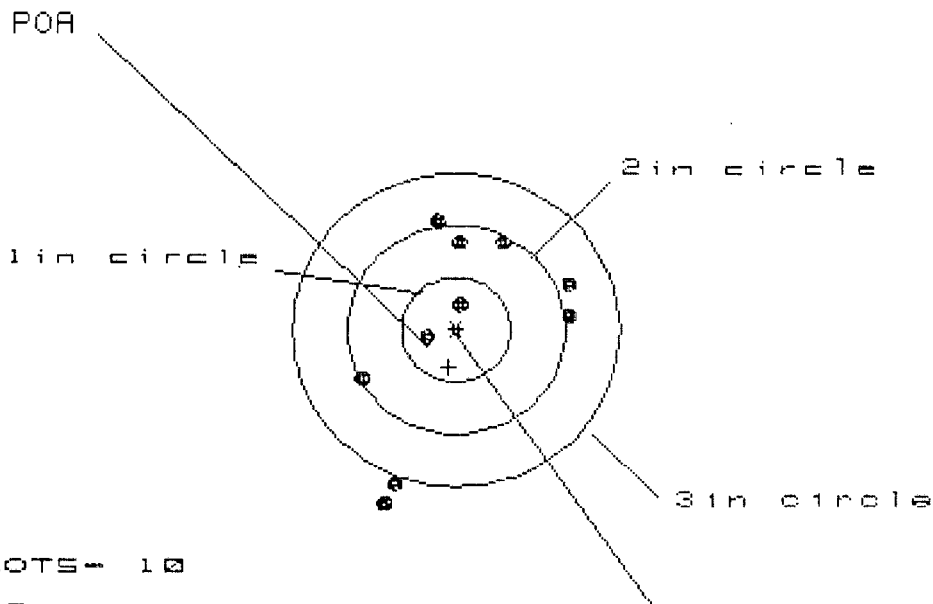
GS= 3.207

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.687	1.868	.866
MINIMUM X	:	-1.466	-1.284	-1.051
MAXIMUM Y	:	1.322	1.213	1.192
MINIMUM Y	:	-.977	-.603	-.624
CENTROID X	:	.283	.102	-.131
CENTROID Y	:	.574	.683	.704
POA TO CENTROID in.	:	.641	.691	.716
MIN RADIUS	:	.345	.269	.198
MEAN RADIUS	:	.984	.838	.676
MAX RADIUS	:	1.900	1.875	1.259
HORIZONTAL SPREAD	:	3.152	3.152	1.917
VERTICAL SPREAD	:	2.299	1.816	1.816
EXTREME SPREAD	:	3.207	3.153	2.062
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 1.879

VS= 2.713

GS= 2.769

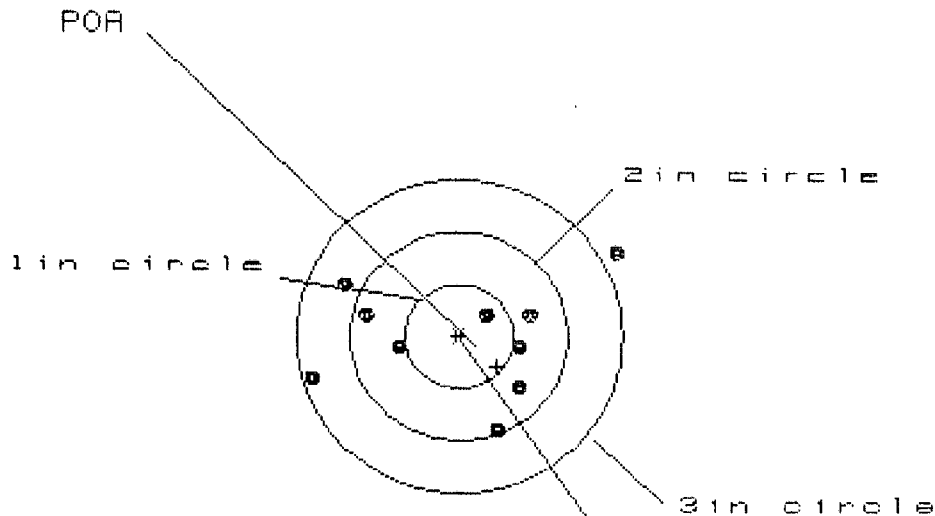
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.044	.969	.883
MINIMUM X	:	-.835	-.910	-.996
MAXIMUM Y	:	1.063	.879	.678
MINIMUM Y	:	-1.650	-1.609	-.862
CENTROID X	:	.066	.141	.227
CENTROID Y	:	.362	.546	.747
POA TO CENTROID in.	:	.368	.563	.780
MIN RADIUS	:	.283	.135	.204
MEAN RADIUS	:	.988	.853	.705
MAX RADIUS	:	1.783	1.748	1.317
HORIZONTAL SPREAD	:	1.879	1.879	1.879
VERTICAL SPREAD	:	2.713	2.488	1.540
EXTREME SPREAD	:	2.769	2.536	2.046
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 9

HS= 2.740

VS= 1.677

GS= 2.973

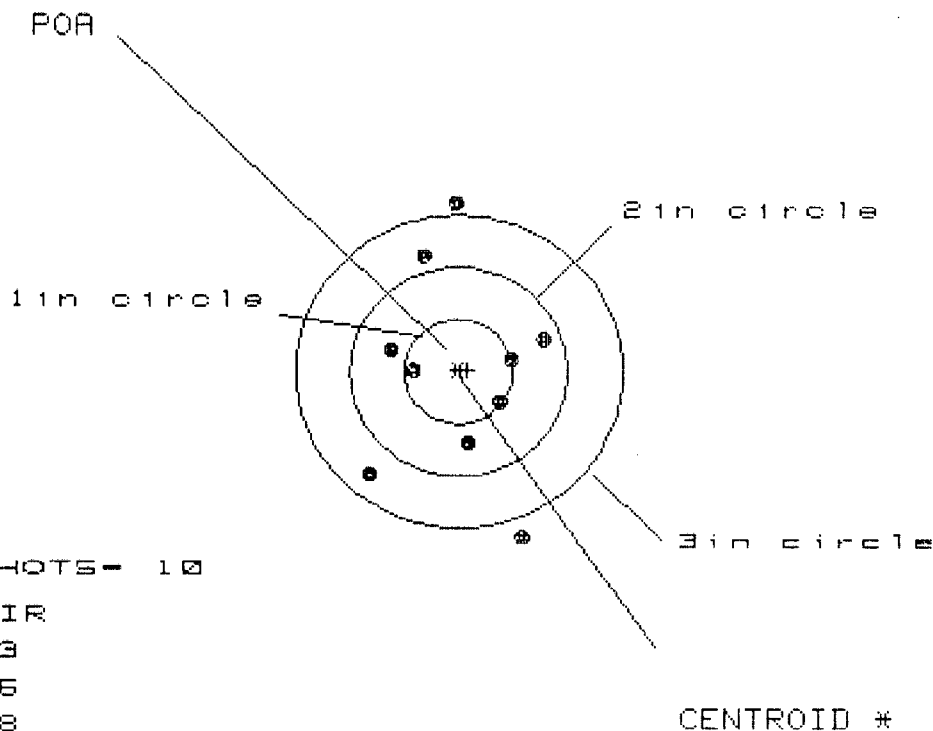
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.437	.773	.631
MINIMUM X	:	-1.303	-1.144	-1.033
MAXIMUM Y	:	.790	.621	.586
MINIMUM Y	:	-.887	-.799	-.834
CENTROID X	:	-.348	-.507	-.364
CENTROID Y	:	.291	.203	.238
POA TO CENTROID in.	:	.453	.547	.435
MIN RADIUS	:	.322	.357	.372
MEAN RADIUS	:	.873	.790	.719
MAX RADIUS	:	1.640	1.177	1.188
HORIZONTAL SPREAD	:	2.740	1.917	1.664
VERTICAL SPREAD	:	1.677	1.420	1.420
EXTREME SPREAD	:	2.973	2.006	2.006
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.751
MINIMUM X	-.821
MAXIMUM Y	1.622
MINIMUM Y	-1.547
CENTROID X	-.081
CENTROID Y	-.017
POA TO CENTROID in.	.083
MIN RADIUS	.391
MEAN RADIUS	.912
MAX RADIUS	1.655
HORIZONTAL SPREAD	1.572
VERTICAL SPREAD	3.169
EXTREME SPREAD	3.233
NUMBER IN ONE INCH CIRCLE	3
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	8

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 10

HS= 1.651

VS= 2.124

GS= 2.368

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.773	.722	.787
MINIMUM X	-.878	-.929	-.864
MAXIMUM Y	1.244	1.178	1.085
MINIMUM Y	-.880	-.742	-.795
CENTROID X	-.024	.028	-.038
CENTROID Y	-.186	-.325	-.232
POA TO CENTROID in.	.188	.326	.235
MIN RADIUS	.738	.647	.691
MEAN RADIUS	.938	.875	.871
MAX RADIUS	1.328	1.178	1.086
HORIZONTAL SPREAD	1.651	1.651	1.651
VERTICAL SPREAD	2.124	1.920	1.880
EXTREME SPREAD	2.368	1.998	1.882
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	