

C6587672

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Smith
No. 2-152-51

08/28/07 14:11:20

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: RE00133337

Serial: C6587672 Model M24 SWS Center Fire
Caliber: 308

Repairman:

Verify Repair

Status:

Closed 8/28/2007 1:53:27 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: FB4484 305 APS/TRTC

FB4484 305 APS/TRTC

Address 1: 1757 VANDENBERG AVE

1757 VANDENBERG AVE

Address 2: PO Box:

PO Box:

City: MCGUIRE AFB

MCGUIRE AFB

State: NJ Zip Code: 08641-5270

Country: US

State: NJ Zip Code: 08641-5270

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
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
B000	DEPLOYMENT KIT	1
B001	SCOPE CASE	1
R002	FRONT REAR RASF	1

Repair Search

Refresh

Close

nagletj

8/28/2007

2:11 PM

CAPS

NUM

INS

SCRL



3 Mic...

5 Int...

Micros...

Part S...

Arms S...

SAP Lo...

2:11 PM

CONVERT TO
M24 SWS (USAF PROPERTY)

Serial Number: C6587672
Model: M24 SWS
RE00133337

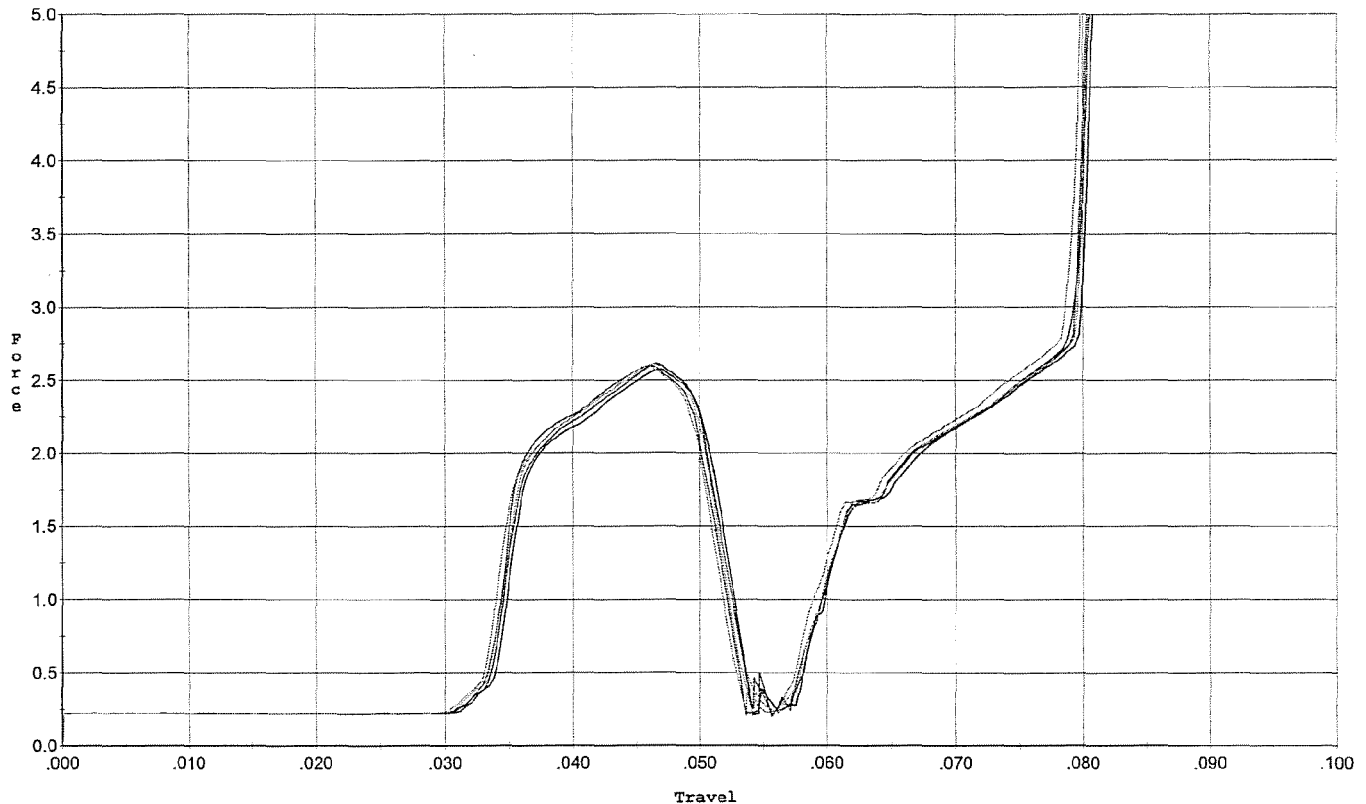
[illegible]

NMP COPY 2

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/30/07

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



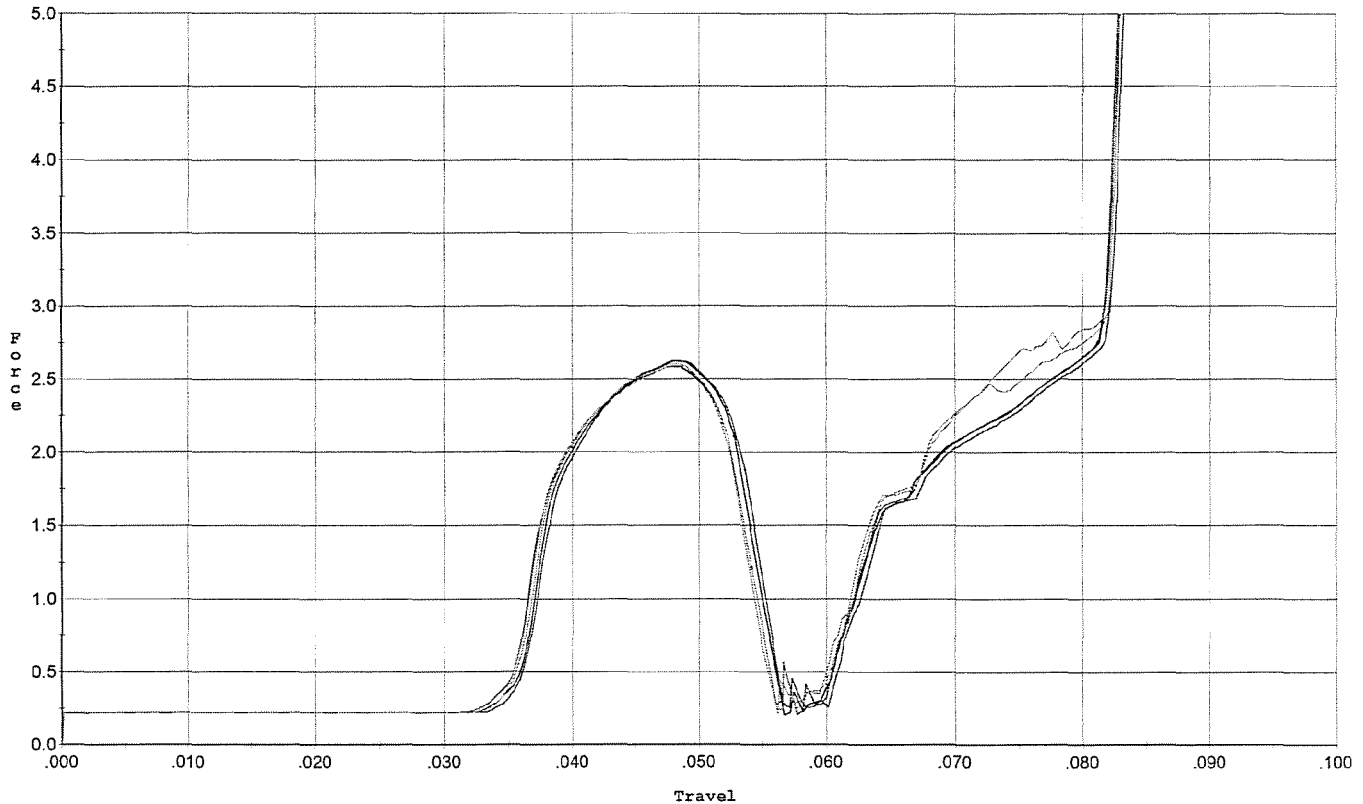
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.614	0.050	0.034	0.035	0.045		Set Trigger
2	2.572	0.051	0.034	0.035	0.046		Set Trigger
3	2.601	0.051	0.033	0.035	0.046		Set Trigger
4	2.609	0.050	0.034	0.035	0.045		Set Trigger
5	2.596	0.050	0.033	0.034	0.045		Set Trigger

Avg 2.59

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 10/30/07

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



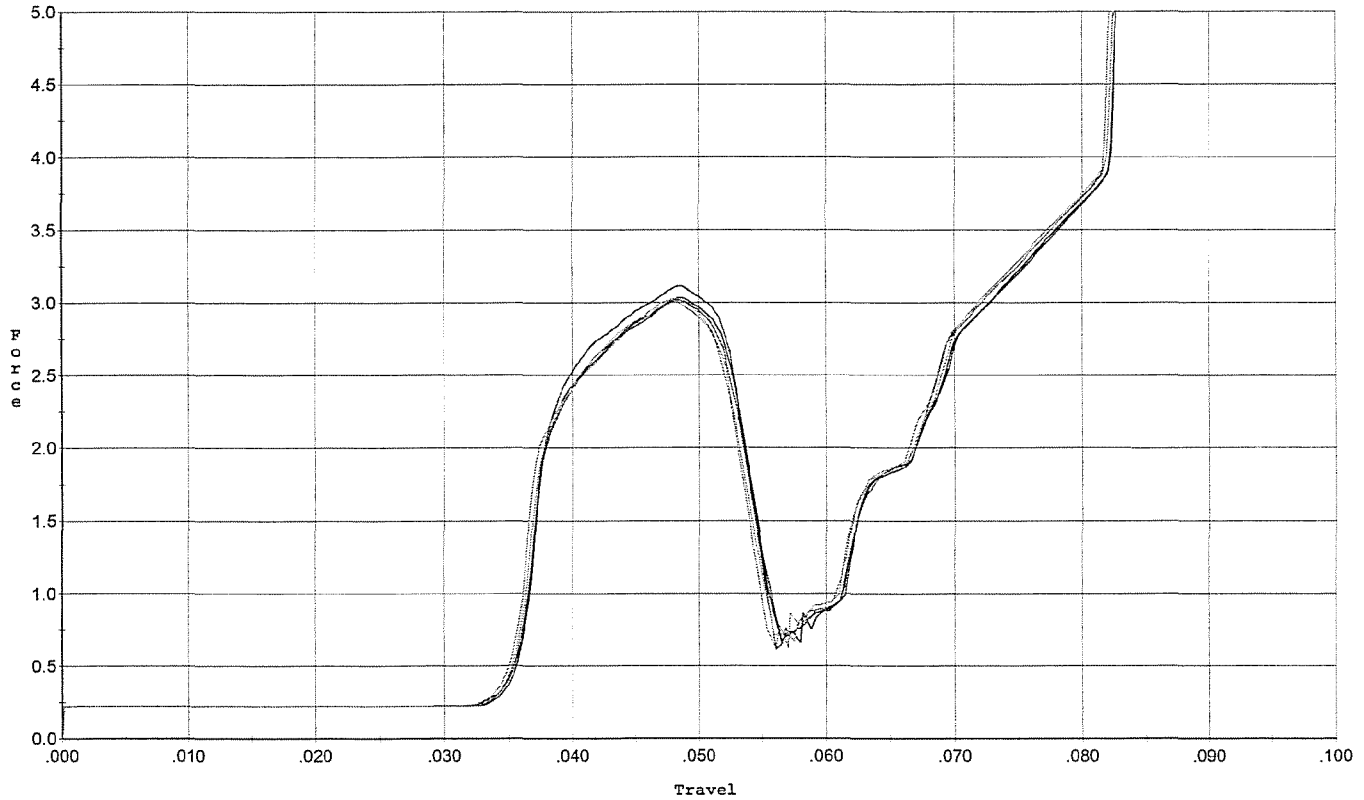
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.623	0.054	0.036	0.036	0.047		Set Trigger
2	2.625	0.053	0.036	0.036	0.046		Set Trigger
3	2.588	0.054	0.035	0.036	0.047		Set Trigger
4	2.582	0.052	0.035	0.036	0.046		Set Trigger
5	2.602	0.054	0.035	0.036	0.047		Set Trigger

AVG 2.60

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/30/07

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



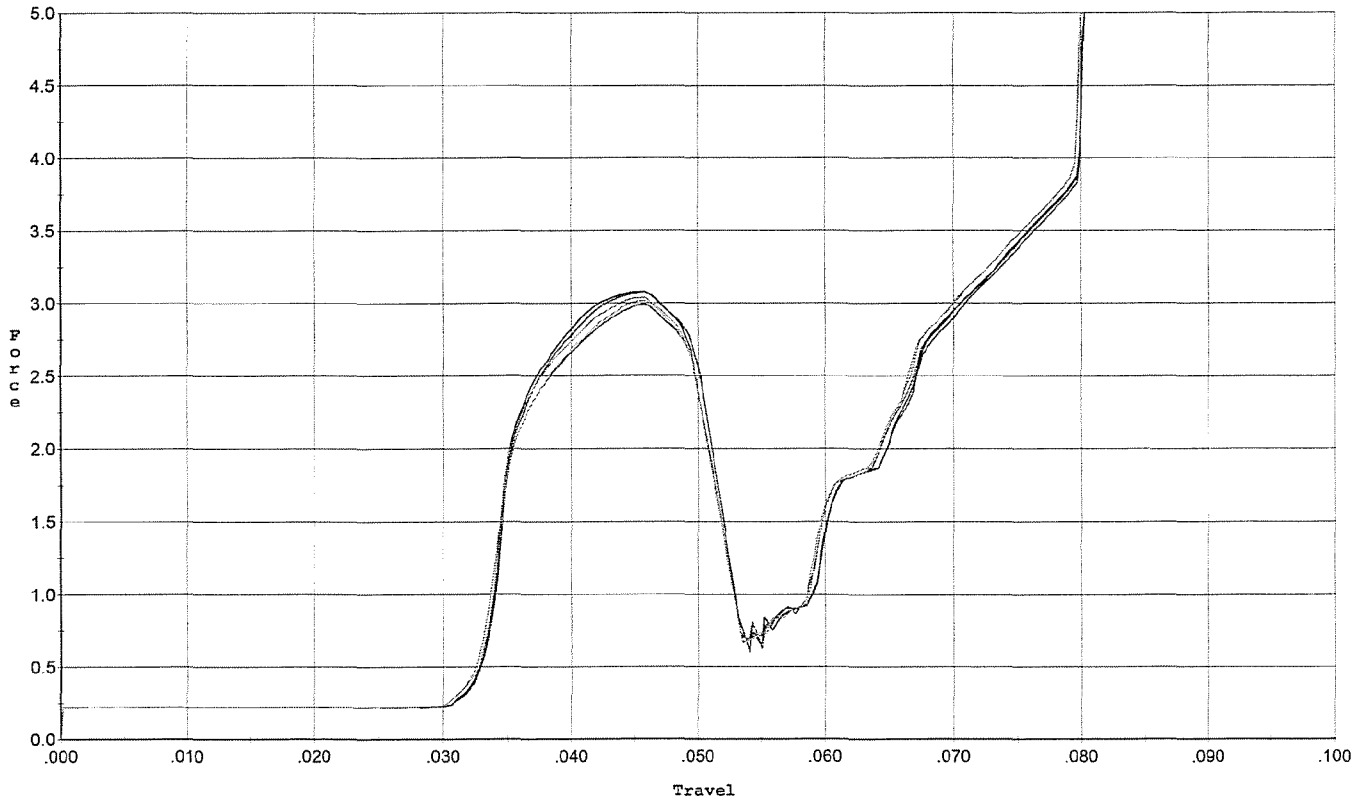
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.112	0.052	0.035	0.035	0.054		Set Trigger
2	3.034	0.053	0.035	0.035	0.053		Set Trigger
3	3.020	0.053	0.035	0.035	0.053		Set Trigger
4	3.027	0.052	0.035	0.036	0.052		Set Trigger
5	3.021	0.052	0.035	0.035	0.052		Set Trigger

Avg 3.04

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/30/07

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



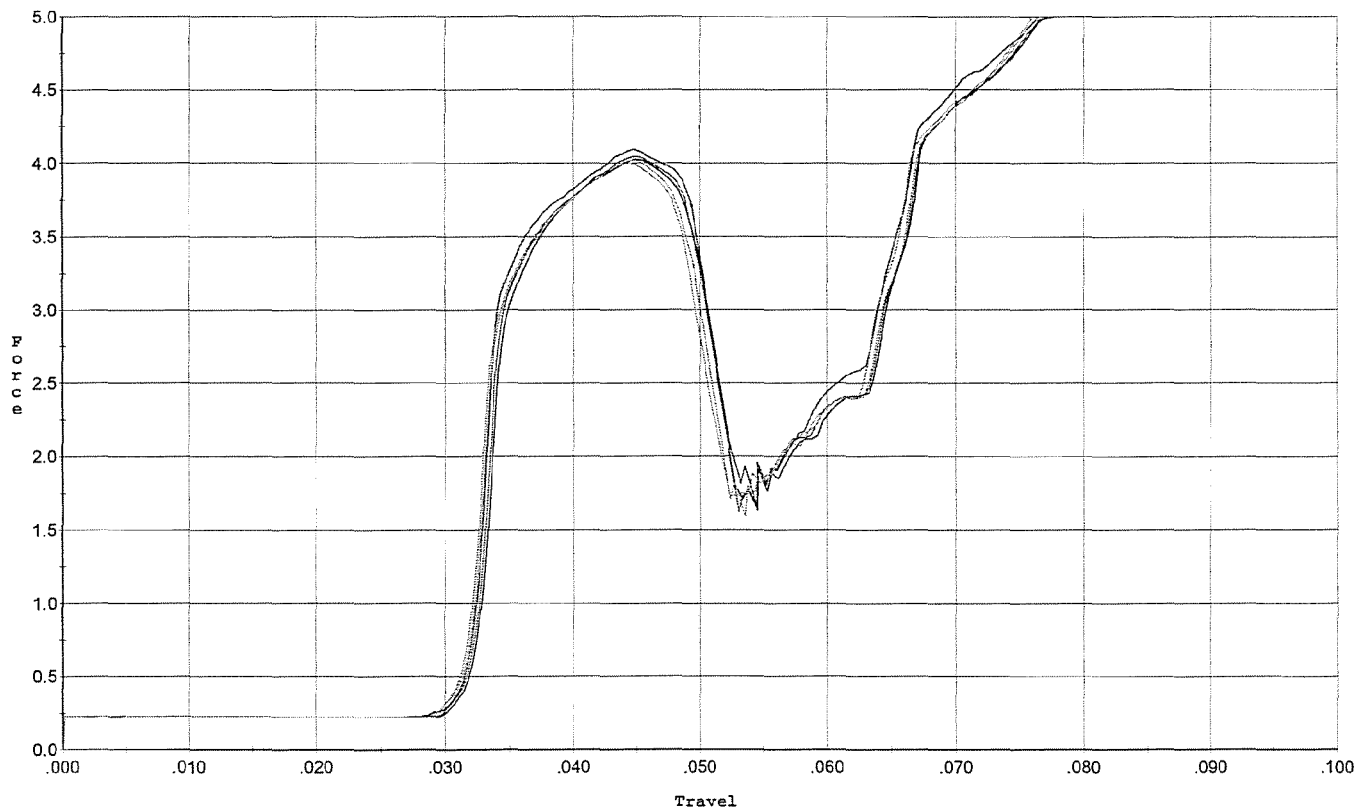
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.077	0.050	0.032	0.034	0.053		Set Trigger
2	3.080	0.051	0.032	0.034	0.055		Set Trigger
3	2.989	0.051	0.033	0.034	0.053		Set Trigger
4	3.015	0.051	0.033	0.034	0.053		Set Trigger
5	3.035	0.050	0.032	0.034	0.052		Set Trigger

Avg 3.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/30/07

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



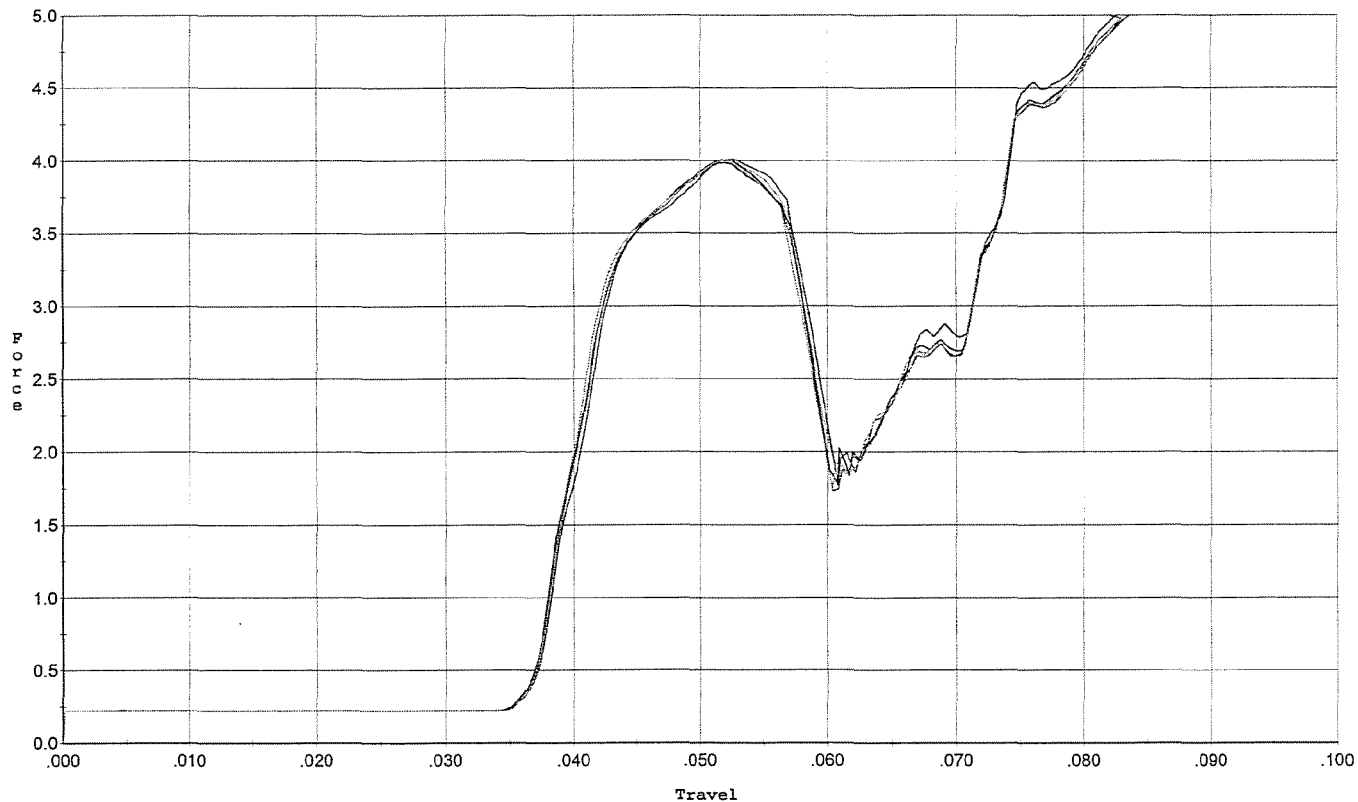
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.093	0.049	0.031	0.032	0.073		Set Trigger
2	4.024	0.050	0.031	0.033	0.071		Set Trigger
3	4.047	0.050	0.031	0.032	0.072		Set Trigger
4	4.003	0.049	0.031	0.032	0.069		Set Trigger
5	4.021	0.049	0.031	0.032	0.070		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/30/07

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



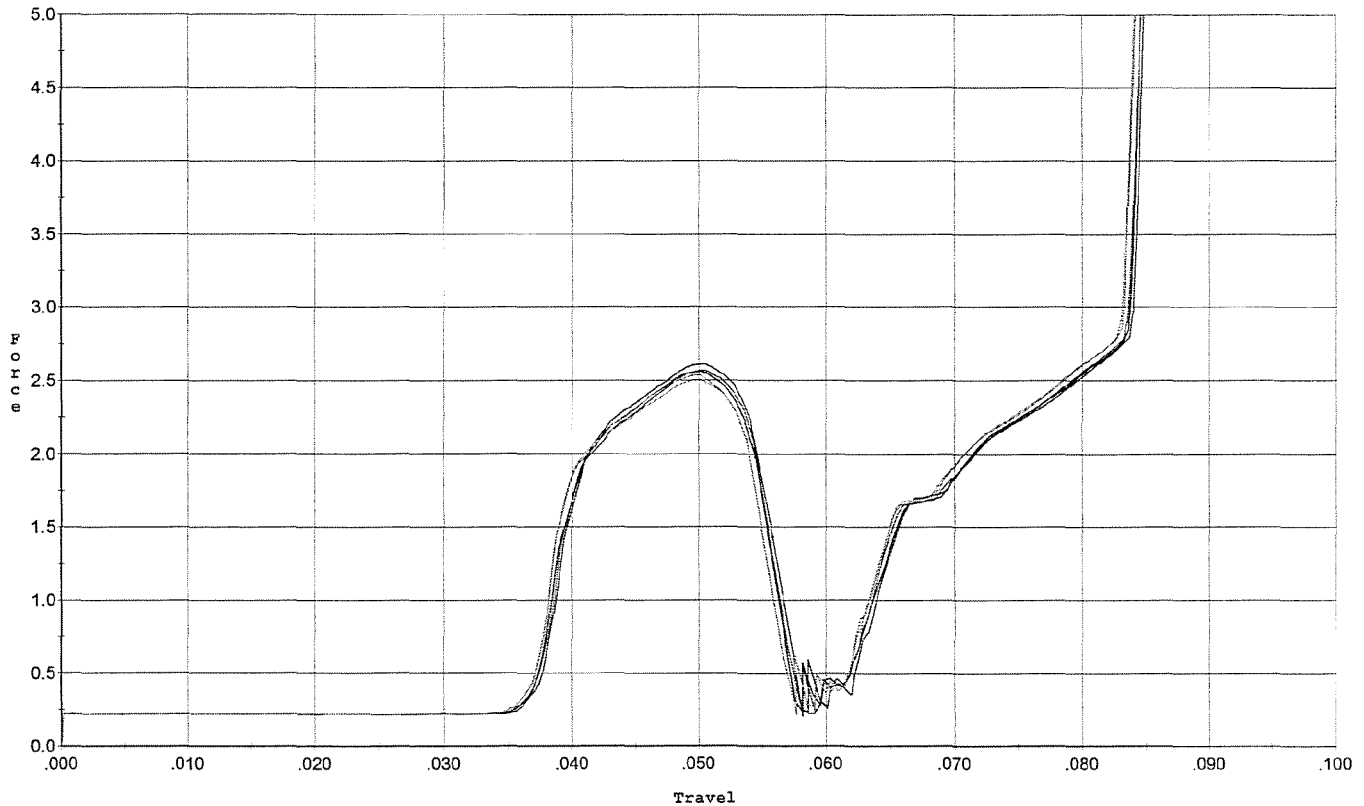
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.011	0.059	0.037	0.033	0.078		Set Trigger
2	4.007	0.057	0.037	0.033	0.077		Set Trigger
3	3.986	0.057	0.037	0.033	0.076		Set Trigger
4	4.007	0.057	0.037	0.033	0.076		Set Trigger
5	3.996	0.058	0.036	0.033	0.078		Set Trigger

Avg 4.00

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/30/07

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



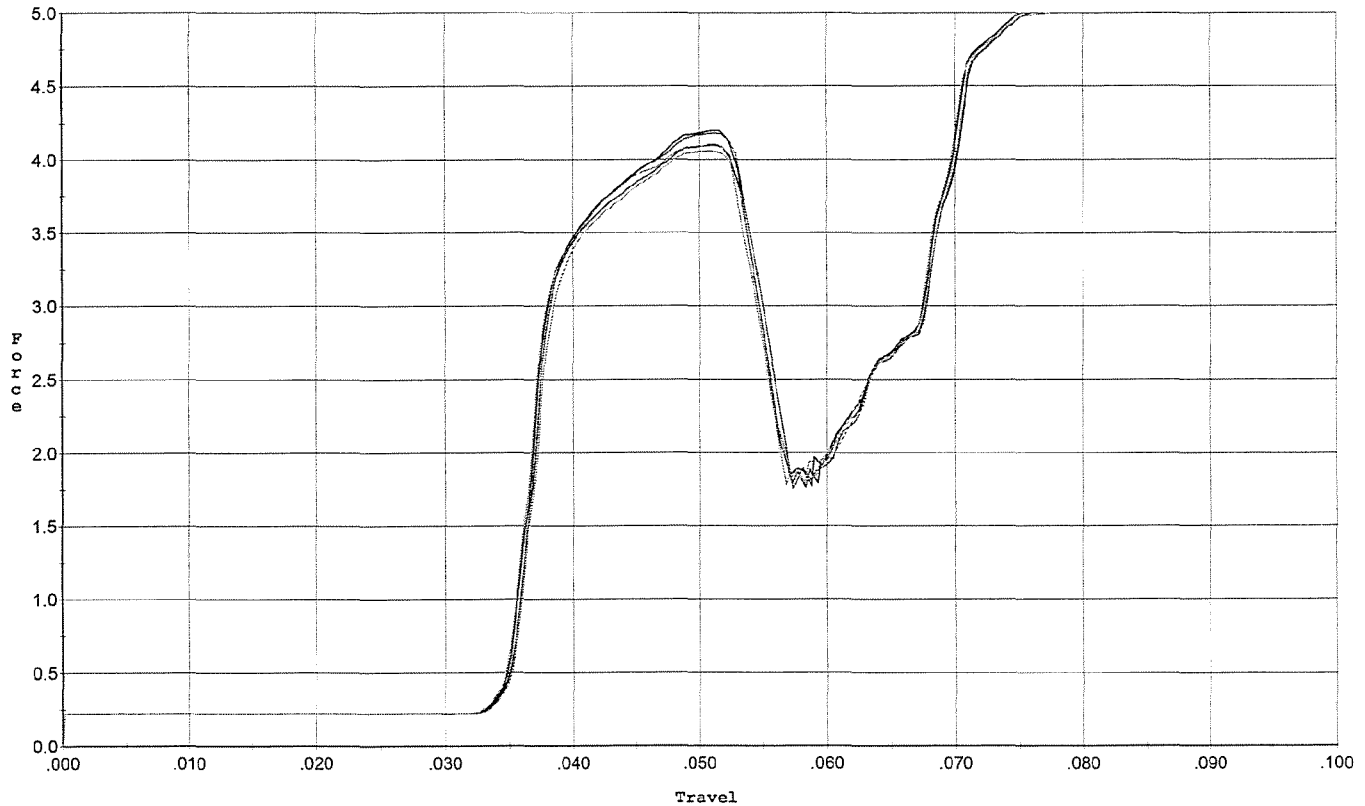
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.607	0.056	0.037	0.036	0.048		Set Trigger
2	2.560	0.054	0.037	0.036	0.046		Set Trigger
3	2.567	0.054	0.037	0.037	0.046		Set Trigger
4	2.507	0.054	0.037	0.036	0.045		Set Trigger
5	2.538	0.054	0.037	0.036	0.045		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 10/30/07

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	4.096	0.053	0.034	0.033	0.074		Set Trigger
2	4.197	0.053	0.034	0.033	0.076		Set Trigger
3	4.181	0.055	0.034	0.032	0.078		Set Trigger
4	4.060	0.053	0.035	0.033	0.074		Set Trigger
5	4.108	0.054	0.034	0.033	0.077		Set Trigger

Avg 4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587672.___0
FILE DATE AND TIME: 10/31/2007 21:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.103
The Average Y Centroid of the Five Target Set:	0.030
The Average Point of Impact of the Five Target Set:	0.107
The Average Mean Radius of the Five Target Set:	0.651
The Distance from POA to Centroid Target #1:	0.105
The Distance from Centroid Target #2 to Centroid Target #1:	0.234
The Distance from Centroid Target #3 to Centroid Target #1:	0.317
The Distance from Centroid Target #4 to Centroid Target #1:	0.226
The Distance from Centroid Target #5 to Centroid Target #1:	0.062

SERIAL NUMBER: C6587672. __0

TARGET NUMBER: 1

FILE DATE: 10/31/2007

FILE TIME: 21:46

X CENTROID: 0.009

Y CENTROID: -0.104

POA TO CENTROID: 0.105

HORZ SPREAD: 1.442

VERT SPREAD: 2.214

GROUP SPREAD: 2.301

MIN RADIUS: 0.113

MAX RADIUS: 1.310

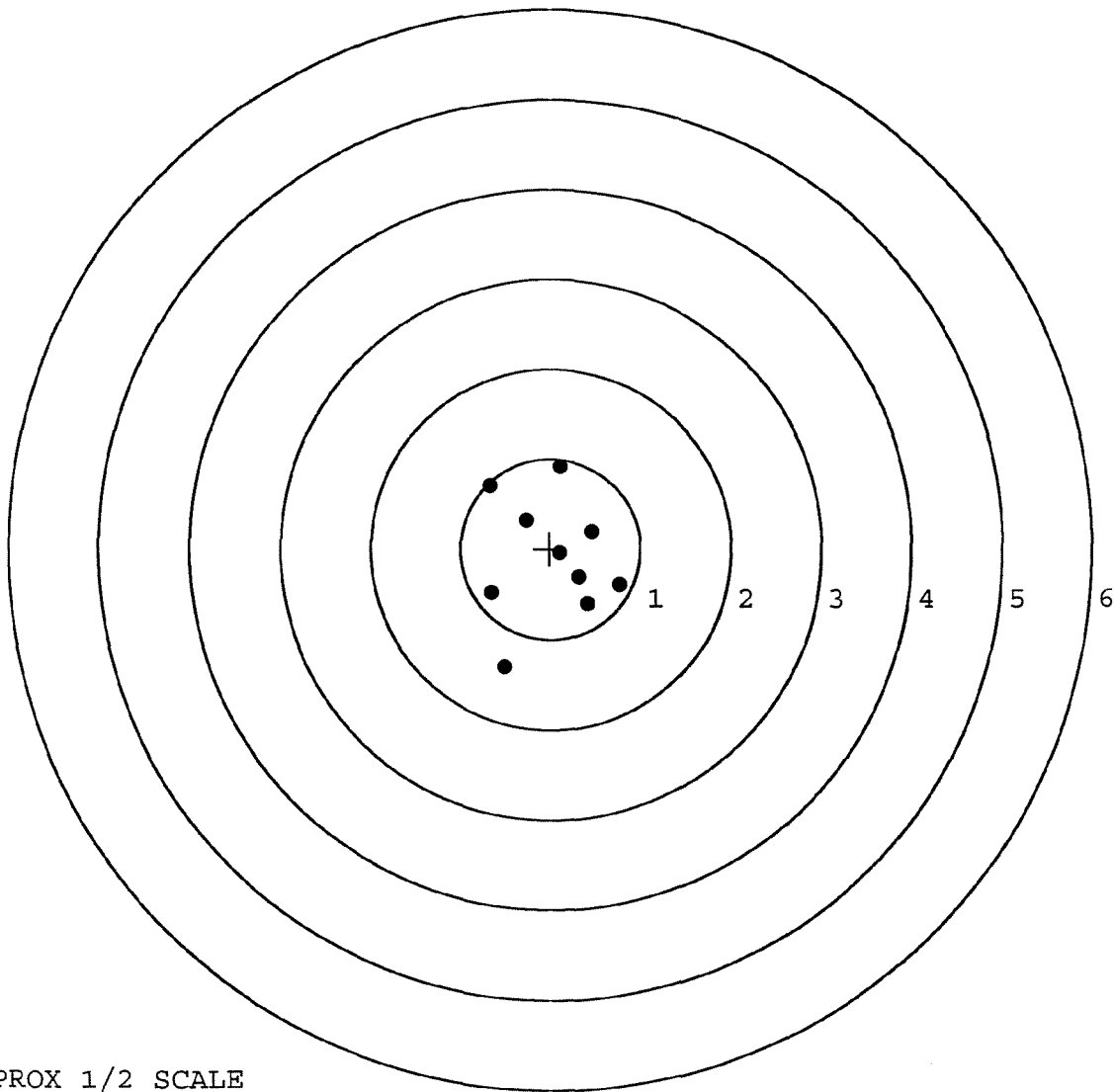
MEAN RADIUS: 0.716

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.268	0.319
2:	-0.673	0.704
3:	0.115	0.907
4:	0.461	0.200
5:	0.108	-0.050
6:	0.325	-0.314
7:	0.420	-0.607
8:	0.769	-0.405
9:	-0.654	-0.489
10:	-0.511	-1.307



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587672. 0

TARGET NUMBER: 2

FILE DATE: 10/31/2007

FILE TIME: 21:46

X CENTROID: 0.070

Y CENTROID: 0.122

POA TO CENTROID: 0.140

HORZ SPREAD: 1.609

VERT SPREAD: 1.919

GROUP SPREAD: 2.142

MIN RADIUS: 0.393

MAX RADIUS: 1.414

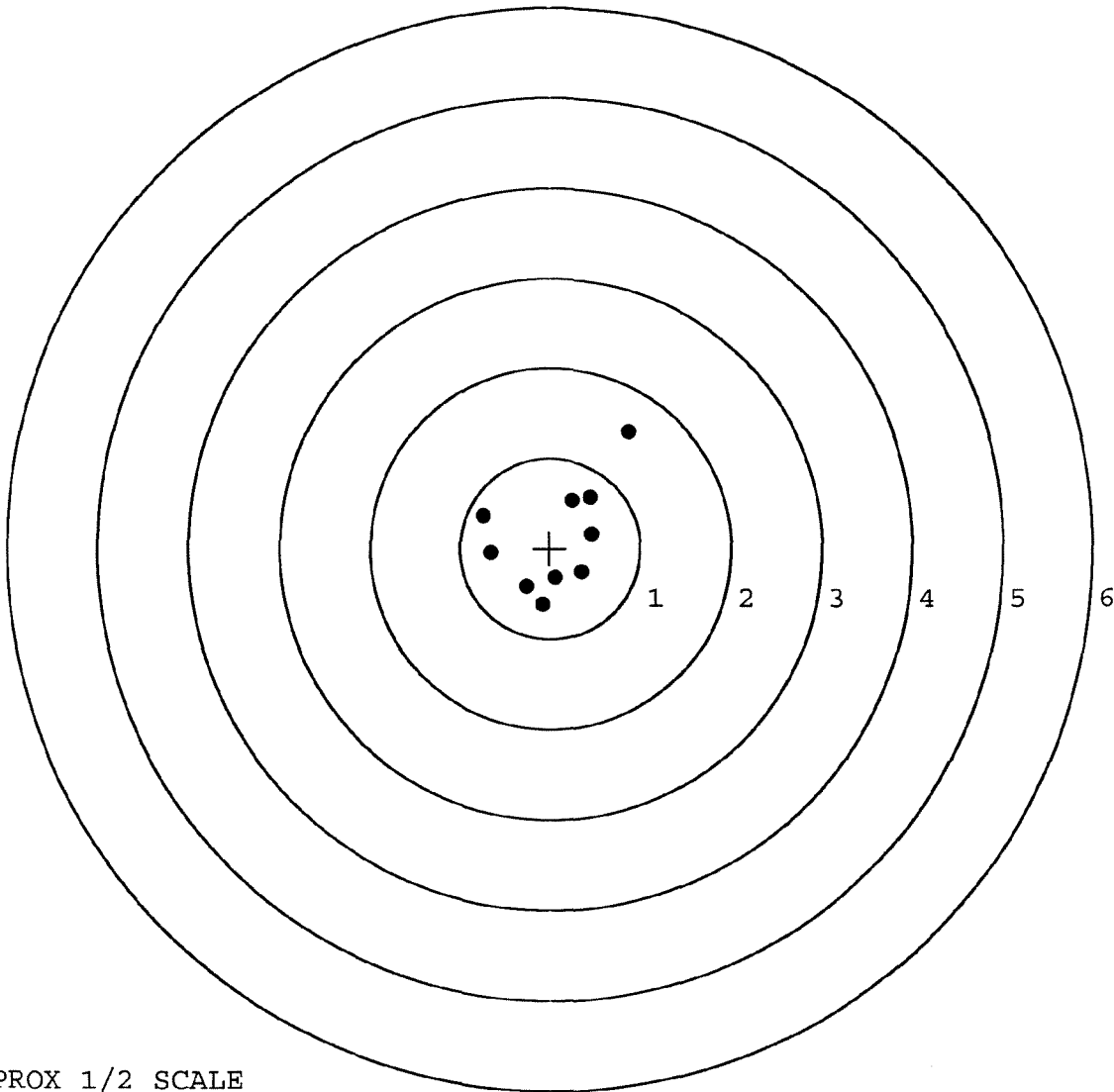
MEAN RADIUS: 0.679

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.247	0.538
2:	0.450	0.573
3:	0.869	1.289
4:	-0.740	0.360
5:	-0.658	-0.047
6:	-0.264	-0.431
7:	0.063	-0.331
8:	-0.082	-0.630
9:	0.356	-0.266
10:	0.461	0.162



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587672. 0

TARGET NUMBER: 3

FILE DATE: 10/31/2007

FILE TIME: 21:46

X CENTROID: 0.235

Y CENTROID: 0.118

POA TO CENTROID: 0.264

HORZ SPREAD: 2.410

VERT SPREAD: 1.359

GROUP SPREAD: 2.427

MIN RADIUS: 0.209

MAX RADIUS: 1.254

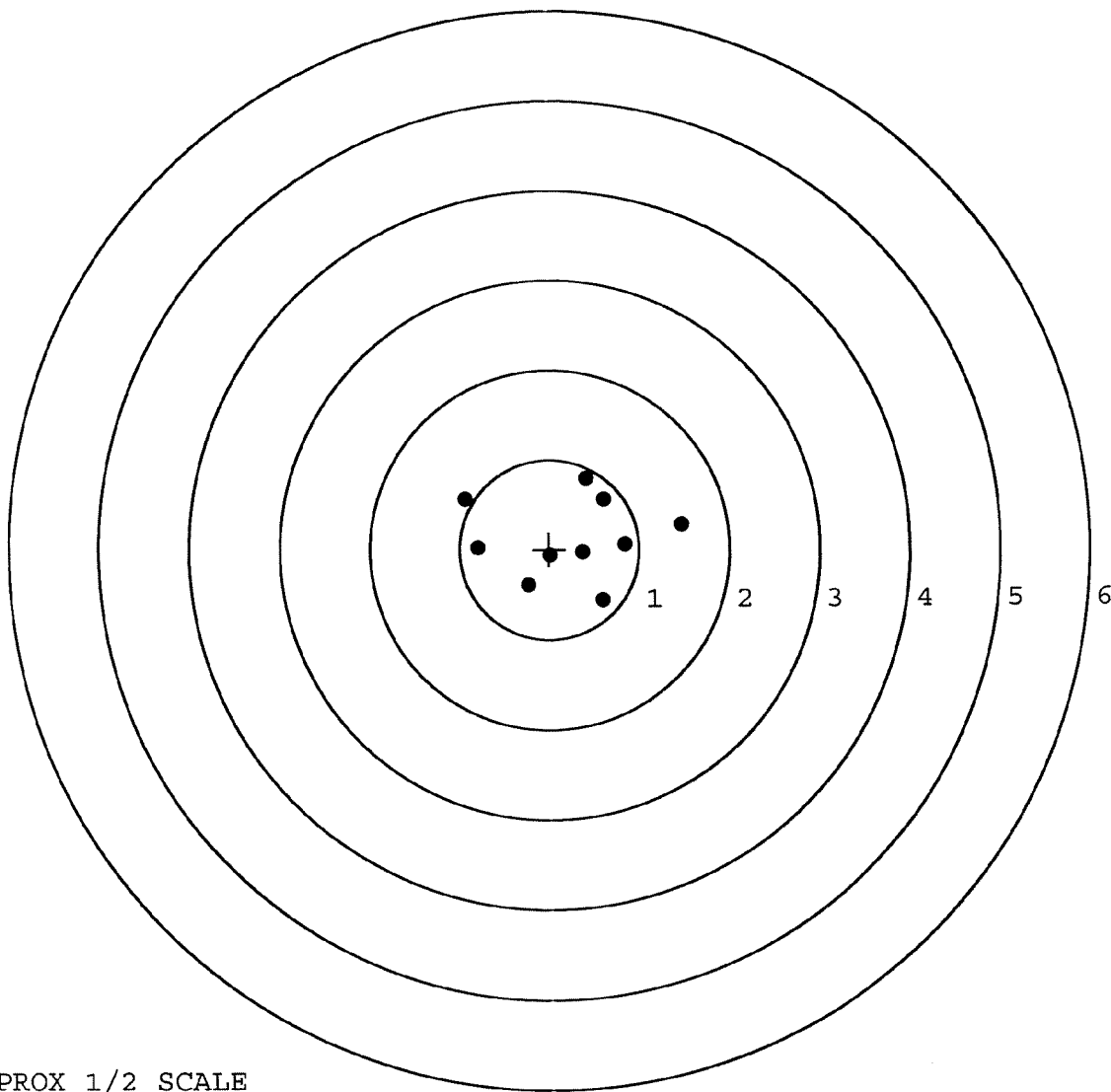
MEAN RADIUS: 0.740

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.418	0.789
2:	0.607	0.555
3:	-0.937	0.564
4:	-0.797	0.024
5:	0.597	-0.570
6:	0.844	0.055
7:	1.473	0.276
8:	0.377	-0.035
9:	0.007	-0.069
10:	-0.234	-0.406



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587672. __ 0

TARGET NUMBER: 4

FILE DATE: 10/31/2007

FILE TIME: 21:46

X CENTROID: 0.158

Y CENTROID: 0.066

POA TO CENTROID: 0.171

HORZ SPREAD: 1.106

VERT SPREAD: 1.809

GROUP SPREAD: 1.863

MIN RADIUS: 0.144

MAX RADIUS: 1.016

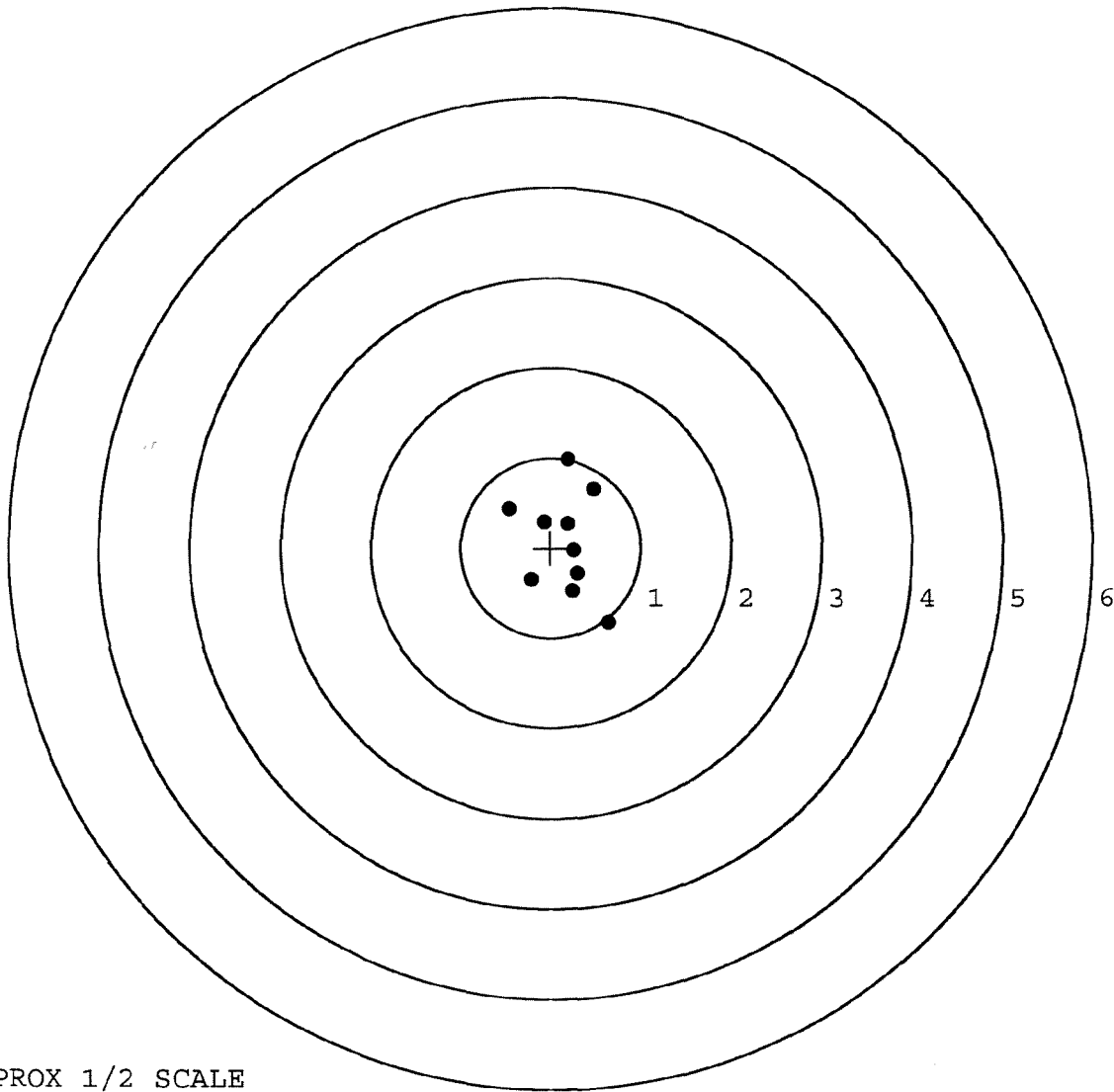
MEAN RADIUS: 0.550

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.462	0.439
2:	-0.077	0.292
3:	0.189	0.267
4:	0.266	-0.029
5:	0.644	-0.827
6:	0.251	-0.483
7:	-0.214	-0.357
8:	0.197	0.982
9:	0.482	0.656
10:	0.304	-0.284

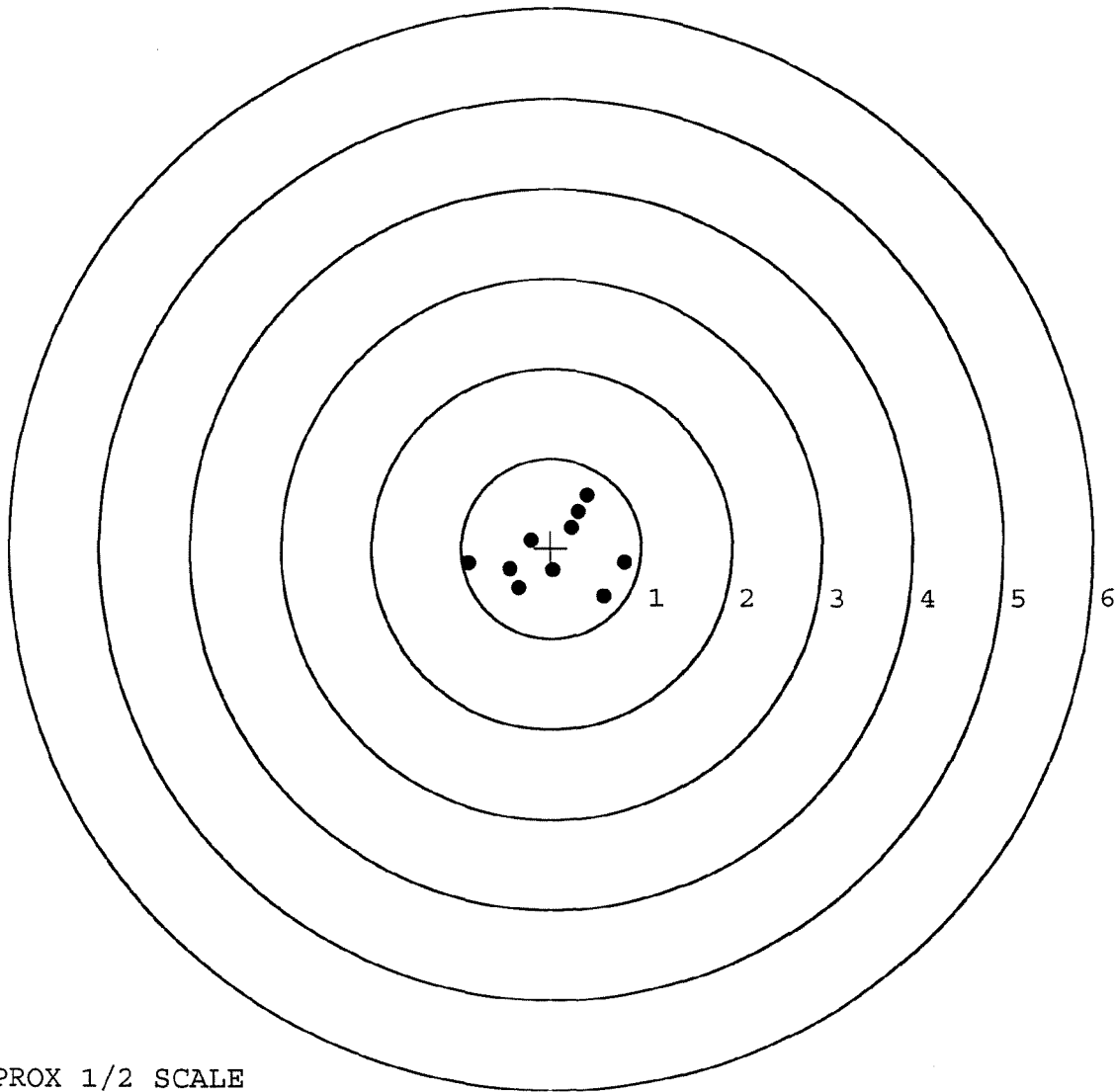


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587672. __0
 TARGET NUMBER: 5
 FILE DATE: 10/31/2007
 FILE TIME: 21:46

POINT#	X	Y
1:	0.232	0.226
2:	0.302	0.411
3:	0.406	0.591
4:	-0.221	0.080
5:	0.021	-0.251
6:	-0.366	-0.451
7:	-0.459	-0.237
8:	-0.915	-0.172
9:	0.817	-0.166
10:	0.587	-0.537

X CENTROID: 0.040
 Y CENTROID: -0.051
 POA TO CENTROID: 0.065
 HORZ SPREAD: 1.732
 VERT SPREAD: 1.128
 GROUP SPREAD: 1.732
 MIN RADIUS: 0.201
 MAX RADIUS: 0.963
 MEAN RADIUS: 0.568
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	133337		
SERIAL NUMBER	C6587672		
LOG-IN DATE	8-28-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-22-07	RTZ
505	RE-BARREL	10-22-07	RTZ
560	ASSEMBLE	10-22-07	RTZ
600	PROOF	10-22-07	TRW
605	CHECK HEADSPACE	10-22-07	TRW
610	DIS-ASSEMBLE GUN	10-23-07	RTZ
612	MAGNAFLUX	10-23-07	JB
510	DRILL AND TAP		
615	ROLLMARK CALIBER	10-23-07	CW
618	ROTO-BLAST	10-24-07	(LG)
620	APPLY COATINGS	10-25-07	EB
625	FINAL ASSEMBLY	10-31-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	10/31/07
650	TARGET	PASS FAIL	10/31/07
	MALFUNCTION <i>Roll + release sticks</i>	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	<i>+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS</i>	2.56 2.58 2.55 2.60 2.57 11-7-07
680	F) SAFETY ON FORCE	<i>2 LBS MIN 10 LBS MAX</i>	5.5 5.5 5.5 11-7-07
	G) SAFETY OFF FORCE	<i>2 LBS MIN</i>	3.5 3.5 3.5 11-7-07
	I) FIRING PIN INDENT	<i>.020</i>	.021 .021 .021 11-7-07
690	PACK		11-19-07

Remington



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

MODEL 700™ M24

SERIAL NO.
C6587672

ORDER NO.
5716

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

01



5716 C6587672

UPC



BARBER - M24 0024961

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 0024961 25000

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6587672

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/22/90	KA
600	Proof		10/22/90	KA
607	Check Headspace		10/22/90	KA
610	Dis-assemble Gun		10/22/90	KA
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS
617	Drill and Tap Sight Holes		10/25/90	KB
618	Polish Barrel <i>KB</i>		10/26/90	KB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/8/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/90	KS
	C) Inspect Ejector Hole for Chamfer		11/8/90	KS
	D) Oil Firing Pin Ass'y		11/8/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/15/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/15/90	WB
	G) Safety Off Force	3	3	3			11/15/90	WB
	H) Trigger Pull Test & Retainability						11-15-90	JH
	I) Firing Pin Indent	.0215	.022	.022			11/15/90	WB
	J) Assemble Stock						11/15/90	KS
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						11/15/90	KS
	M) Iron Sight Alignment						11/15/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/15/90	KS
	O) Attach Scope to Rifle						11/15/90	KS
	P) Detach & Attach Scope 20 Times						11/15/90	KS
640	Gallery Target & Test						11-14-90	KF
	A) Time						11-16-90	KF
	B) Malfunctions						11-16-90	KF
	C) Pierced Primers						11-16-90	KF
	D) Optical Clarity of Scope						11-16-90	KF
645	Inspect for Live Ammo						11-16-90	KF
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	215	221	219	230	227	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12/19/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. CL587672

DATE 11-15-90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.19	2.17	2.34	215	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.25	2.43	221	
PULL #3	2.32	2.28	2.23	219	
PULL #4	2.22	2.33	2.21	230	
PULL #5	2.27	2.34	2.26	222	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	3.27		
PULL #2	3.47	3.46		
PULL #3	3.23	3.38		
PULL #4	3.36	3.24		
PULL #5	3.44	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO .4# FOR TARGET & ACCURACY
PULL #1	4.28	4.50		4.33
PULL #2	4.38	4.36		4.35
PULL #3	4.27	4.46		4.21
PULL #4	4.40	4.40		4.26
PULL #5	4.37	4.43		4.36
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587672
17 Nov 1990

CENTROIDAL DISTANCES

Ø TO	1	.0417852
1 TO	2	.23164
1 TO	3	.0823468
1 TO	4	.237489
1 TO	5	.121211

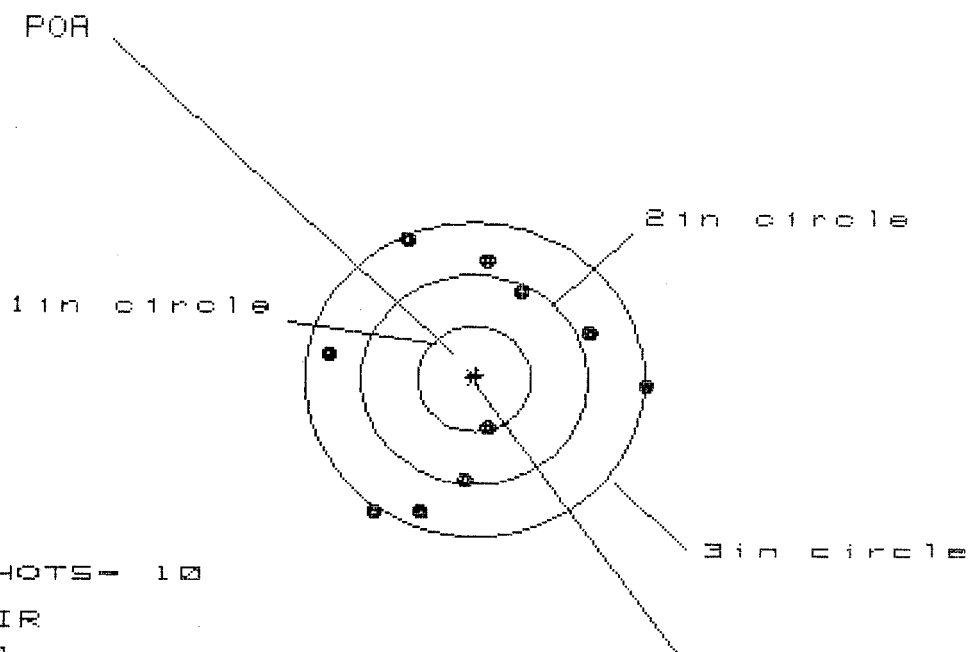
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0488
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0138
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0507137
THE AMR FOR THIS RIFLE IS: .8244

17 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587672

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 2.799

VS= 2.643

GS= 2.820

CENTROID *

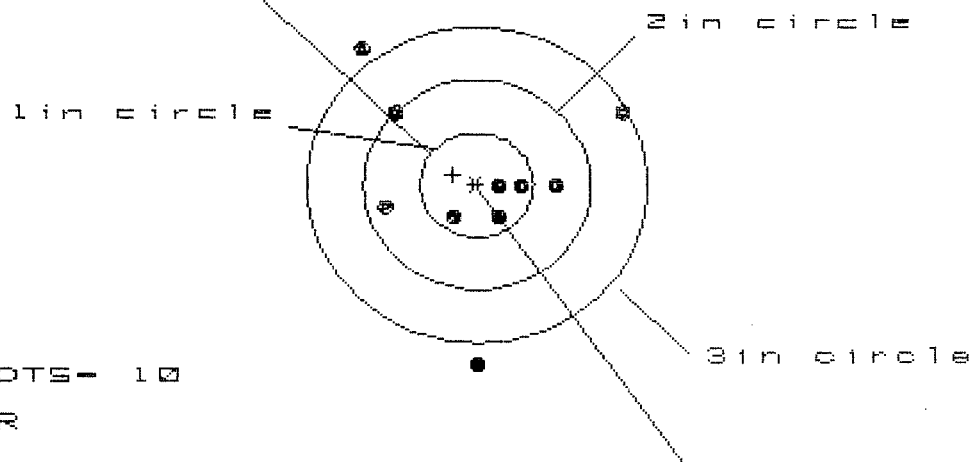
PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.508	1.414	1.141
MINIMUM X	-1.291	-1.385	-1.208
MAXIMUM Y	1.338	1.193	1.166
MINIMUM Y	-1.305	-1.398	-1.425
CENTROID X	-.015	.078	-.098
CENTROID Y	-.039	.106	.132
POA TO CENTROID in.	.042	.131	.165
MIN RADIUS	.475	.601	.664
MEAN RADIUS	1.189	1.137	1.099
MAX RADIUS	1.554	1.495	1.468
HORIZONTAL SPREAD	2.799	2.799	2.350
VERTICAL SPREAD	2.643	2.591	2.591
EXTREME SPREAD	2.820	2.820	2.595
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 2

POA



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HS = 2.279

VS = 3.001

GS = 3.178

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.244	1.245	1.116
MINIMUM X	:	-1.035	-1.034	-.980
MAXIMUM Y	:	1.265	1.073	.679
MINIMUM Y	:	-1.736	-.531	-.397
CENTROID X	:	.209	.208	.337
CENTROID Y	:	-.098	.095	-.039
POA TO CENTROID in.	:	.230	.228	.339
MIN RADIUS	:	.177	.288	.105
MEAN RADIUS	:	.850	.783	.625
MAX RADIUS	:	1.736	1.490	1.306
HORIZONTAL SPREAD	:	2.279	2.279	2.016
VERTICAL SPREAD	:	3.001	1.604	1.076
EXTREME SPREAD	:	3.178	2.339	2.232
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in - 4

2 in - 8

3 in - 10

HS= 2.125

VS= 1.682

GS= 2.597

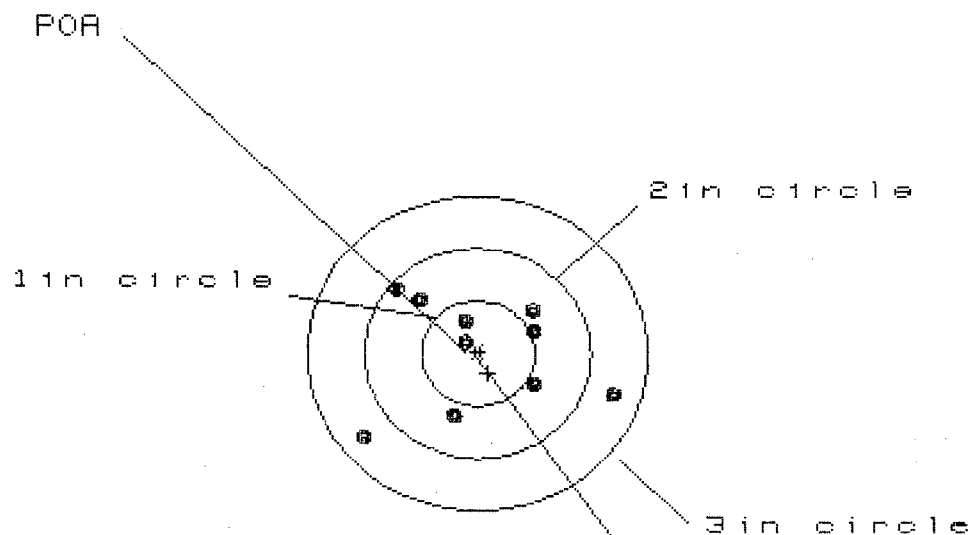
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.024	.901	.854
MINIMUM X	:	-1.101	-.840	-.727
MAXIMUM Y	:	.855	.763	.834
MINIMUM Y	:	-.827	-.526	-.455
CENTROID X	:	.060	.183	.070
CENTROID Y	:	-.005	.087	.016
POA TO CENTROID in.	:	.060	.202	.072
MIN RADIUS	:	.218	.355	.230
MEAN RADIUS	:	.749	.697	.616
MAX RADIUS	:	1.377	1.068	.967
HORIZONTAL SPREAD	:	2.125	1.741	1.581
VERTICAL SPREAD	:	1.682	1.289	1.289
EXTREME SPREAD	:	2.597	1.984	1.797
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 2

2in - 8

3in = 10

HS- 2.153

VS= 1.315

GS= 2.180

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.171	.654	.548
MINIMUM X	:	-.982	-.852	-.708
MAXIMUM Y	:	.569	.524	.425
MINIMUM Y	:	-.746	-.791	-.721
CENTROID X	:	-.091	-.221	-.115
CENTROID Y	:	.186	.231	.330
POA TO CENTROID in.	:	.207	.320	.350
MIN RADIUS	:	.167	.049	.126
MEAN RADIUS	:	.695	.616	.530
MAX RADIUS	:	1.240	1.163	.826
HORIZONTAL SPREAD	:	2.153	1.506	1.256
VERTICAL SPREAD	:	1.315	1.315	1.146
EXTREME SPREAD	:	2.180	1.860	1.534
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

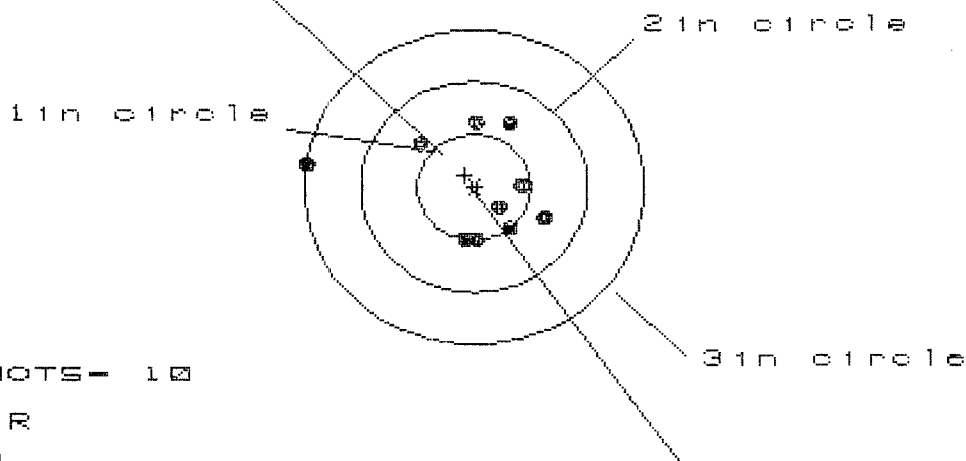
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CENTERFIRE PATTERNS

5

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 2.096

VS= 1.154

GS= 2.159

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.627	.464	.389
MINIMUM X	:	-1.469	-.610	-.552
MAXIMUM Y	:	.652	.673	.634
MINIMUM Y	:	-.502	-.481	-.520
CENTROID X	:	.081	.244	.186
CENTROID Y	:	-.113	-.134	-.095
POA TO CENTROID in.	:	.139	.278	.289
MIN RADIUS	:	.296	.179	.240
MEAN RADIUS	:	.639	.505	.507
MAX RADIUS	:	1.481	.763	.694
HORIZONTAL SPREAD	:	2.096	1.074	.861
VERTICAL SPREAD	:	1.154	1.154	1.154
EXTREME SPREAD	:	2.159	1.320	1.170
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	