

C6522258

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: RE00162705

Serial: C6522258 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 09/19/1990

Repairman:

Status:

Closed 2/24/2009 1:47:01 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEF DIST DEPOT ANNISTON AL

DEF DIST DEPOT ANNISTON AL

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2: PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 36201

Country: US

State: AL

Zip Code: 36201

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

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	1

Repair Search

Refresh

Close

Refresh

Close

nagletj

2/25/2009

2:00 PM

CAPS

NUM

INS

SCRL



2:00 PM

Serial Number:

C6522258

Model: M24 SWS



RE00162705

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

R & E NUMBER <u>162205</u>			
SERIAL NUMBER <u>C16522258</u>			
LOG-IN DATE <u>2-24-09</u>			

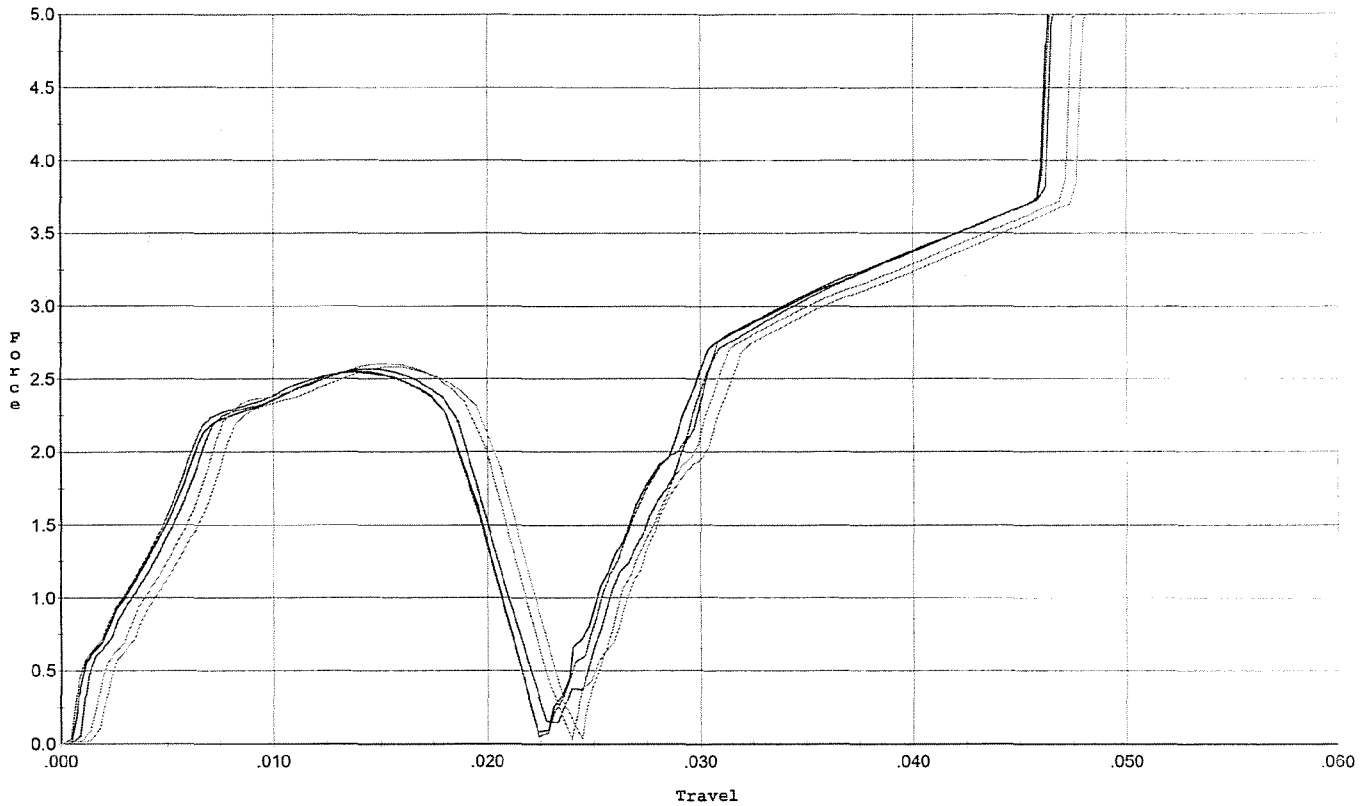
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-16-09	RTZ
505	RE-BARREL	6-24-09	RT
420	ASSEMBLE	6-24-09	RTZ
440	PROOF	6-23-09	SPD
460	CHECK HEADSPACE	6-23-09	SPD
470	DIS-ASSEMBLE GUN	6-23-09	SPD
480	MAGNAFLUX	6-26-09	SPD
510	DRILL AND TAP	6-24-09	SP
500	ROLLMARK CALIBER	6-26-09	RTJ
520	GOFF BLAST BBL / REC	6-26	MR
530 & 540	APPLY COATINGS	7-2	✓
560	FINAL ASSEMBLY	8-9-09	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	7-9-09 SPD
650	TARGET	(PASS) FAIL	7-9-09 SPD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	(PASS) FAIL	7-13-09 L.N.
	B) TRIGGER PULL	238 252 268 247 245 7-13-09	L.N.
680	F) SAFETY ON FORCE	4.0 4.0 4.0 7-13-09	L.N.
	G) SAFETY OFF FORCE	6.0 6.2 6.2 7-13-09	L.N.
	I) FIRING PIN INDENT	.024 .024 .024 7-13-09	L.N.
690	PACK	12/5/09	FM

F006 REV 1/2009

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/19/09

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



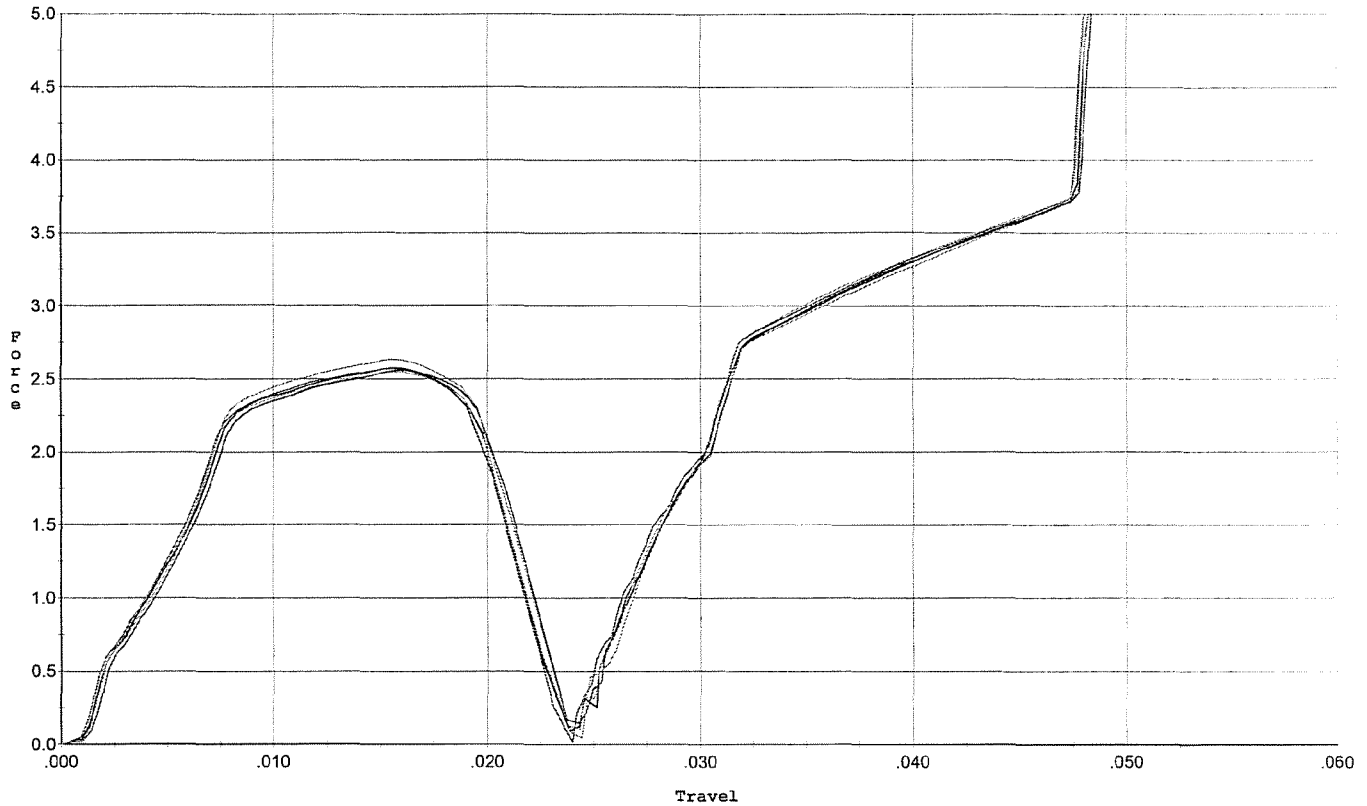
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.569	0.019	0.00	0.031	0.034		Set Trigger
2	2.555	0.020	0.00	0.030	0.035		Set Trigger
3	2.547	0.020	0.00	0.030	0.036		Set Trigger
4	2.583	0.021	0.00	0.031	0.036		Set Trigger
5	2.604	0.020	0.00	0.031	0.035		Set Trigger

Avg 2.57

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/19/09

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



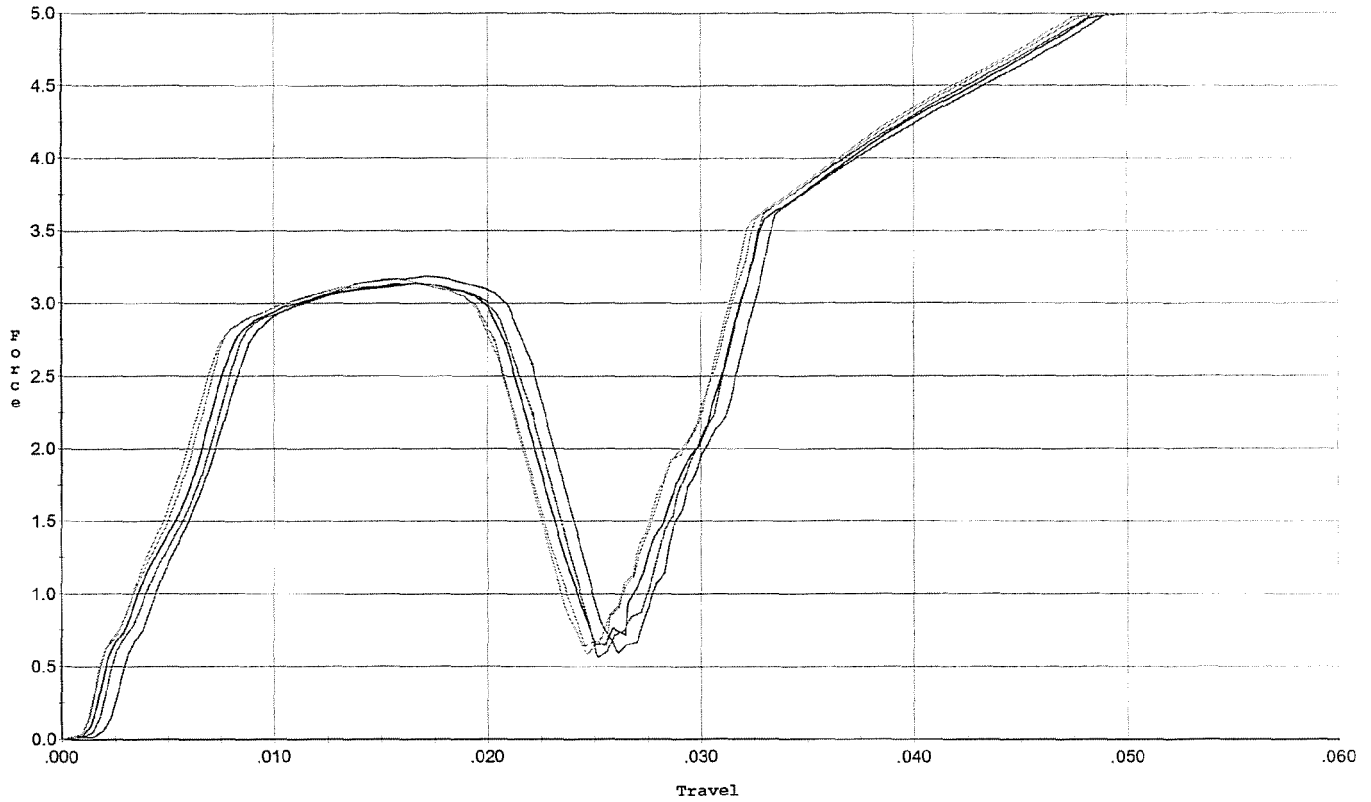
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.559	0.021	0.00	0.031	0.036		Set Trigger
2	2.575	0.020	0.00	0.031	0.035		Set Trigger
3	2.572	0.020	0.00	0.031	0.036		Set Trigger
4	2.549	0.020	0.00	0.031	0.035		Set Trigger
5	2.634	0.021	0.00	0.031	0.038		Set Trigger

Aug 2.57

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/19/09

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



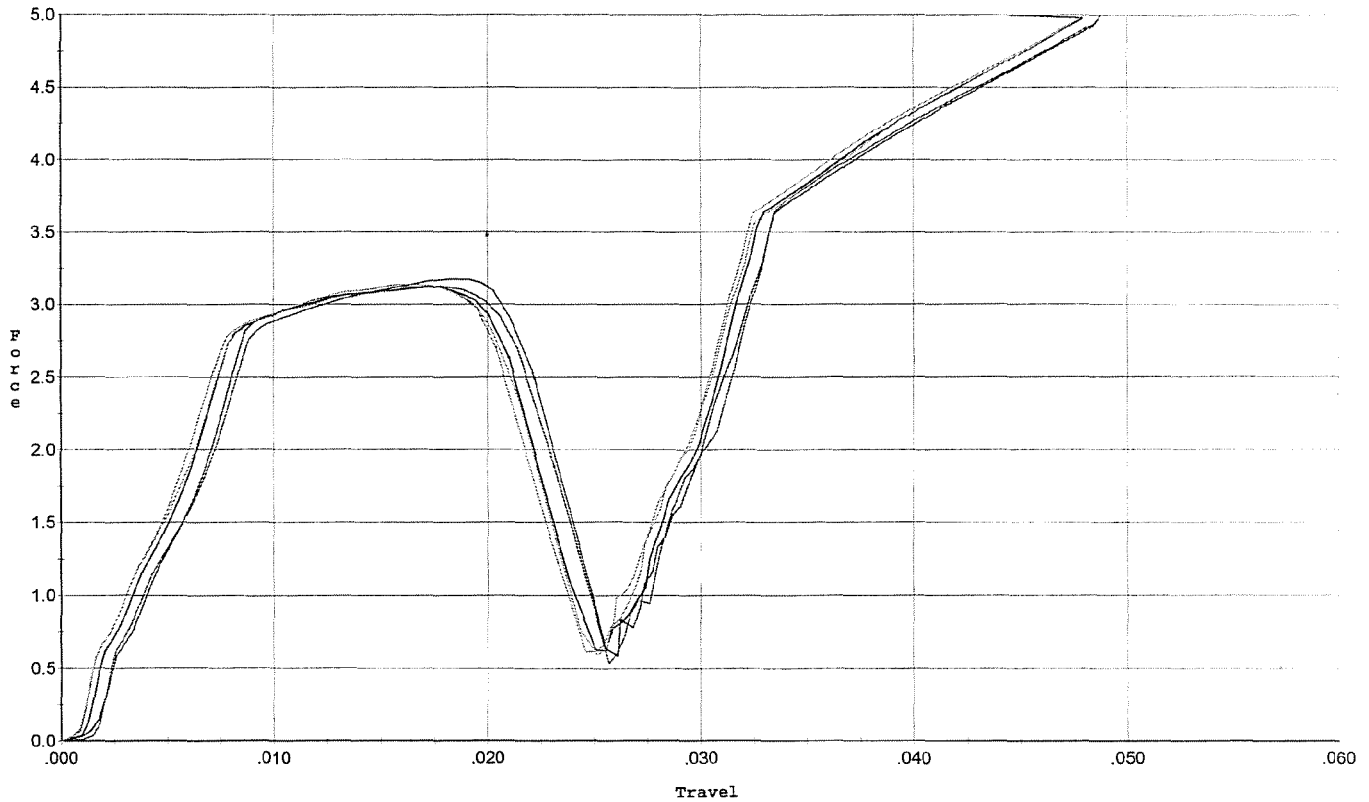
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.185	0.022	0.002	0.030	0.047		Set Trigger
2	3.136	0.021	0.00	0.030	0.045		Set Trigger
3	3.134	0.022	0.00	0.030	0.047		Set Trigger
4	3.169	0.021	0.00	0.030	0.045		Set Trigger
5	3.135	0.020	0.00	0.030	0.045		Set Trigger

Avg 3.15

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/19/09

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



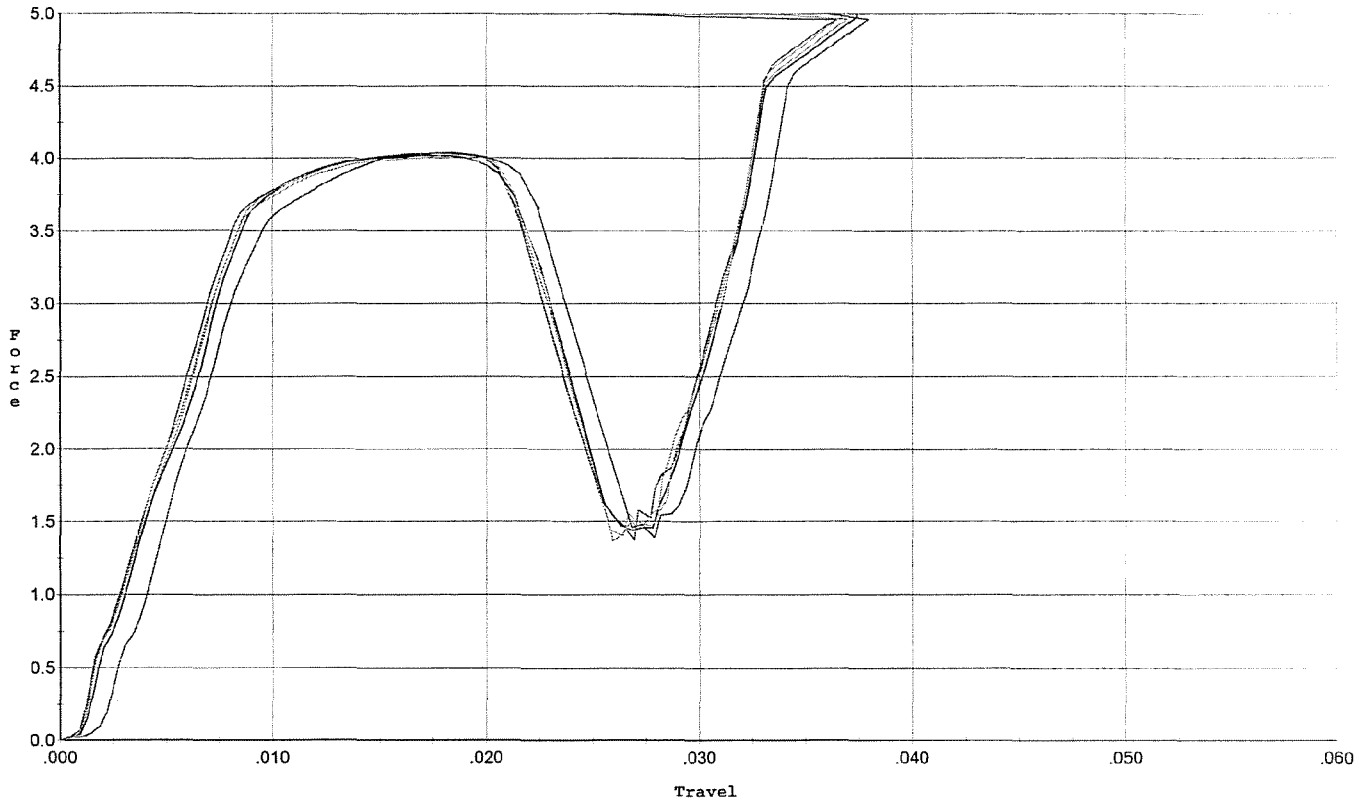
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.173	0.022	0.00	0.030	0.048		Set Trigger
2	3.118	0.021	0.00	0.030	0.046		Set Trigger
3	3.127	0.023	0.00	0.030	0.049		Set Trigger
4	3.136	0.021	0.00	0.029	0.047		Set Trigger
5	3.132	0.020	0.00	0.030	0.045		Set Trigger

Avg 3.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/19/09

Model: M124
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



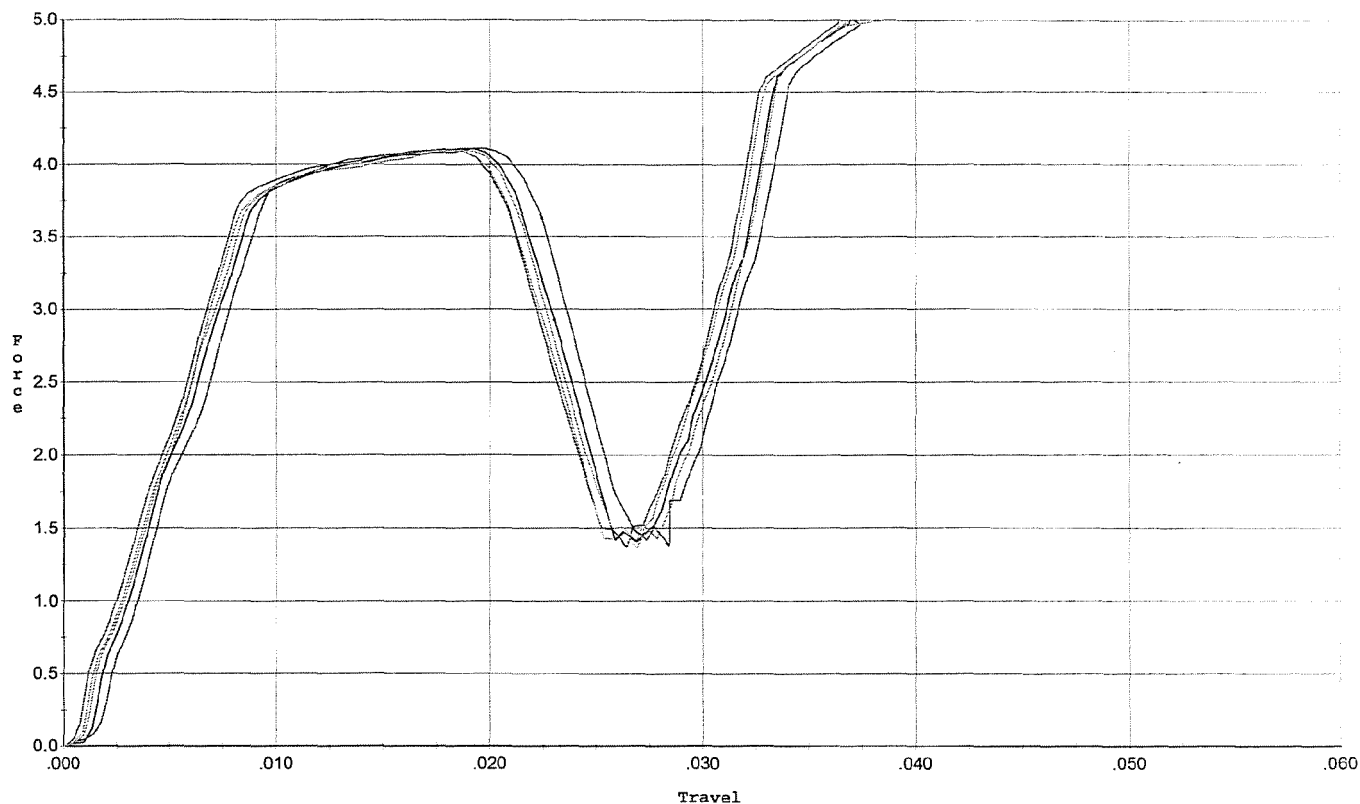
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.037	0.022	0.00	0.028	0.061		Set Trigger
2	4.018	0.023	0.00	0.028	0.063		Set Trigger
3	4.040	0.022	0.00	0.028	0.061		Set Trigger
4	4.020	0.023	0.00	0.028	0.064		Set Trigger
5	4.034	0.023	0.00	0.028	0.065		Set Trigger

Aug 4.03

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/19/09

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



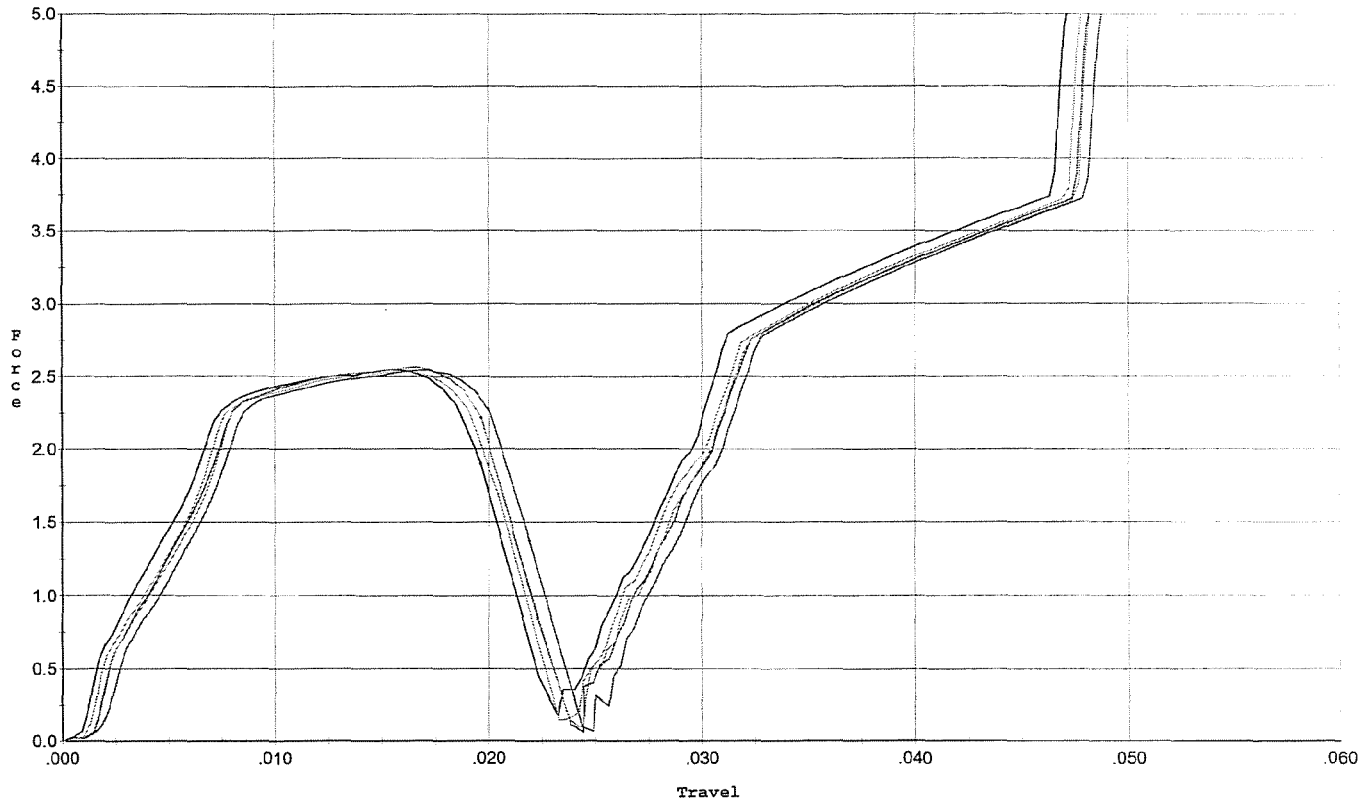
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.109	0.022	0.00	0.028	0.063		Set Trigger
2	4.107	0.023	0.00	0.028	0.065		Set Trigger
3	4.098	0.021	0.00	0.028	0.060		Set Trigger
4	4.096	0.023	0.00	0.028	0.065		Set Trigger
5	4.101	0.022	0.00	0.028	0.061		Set Trigger

Aug 4.10

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/19/09

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



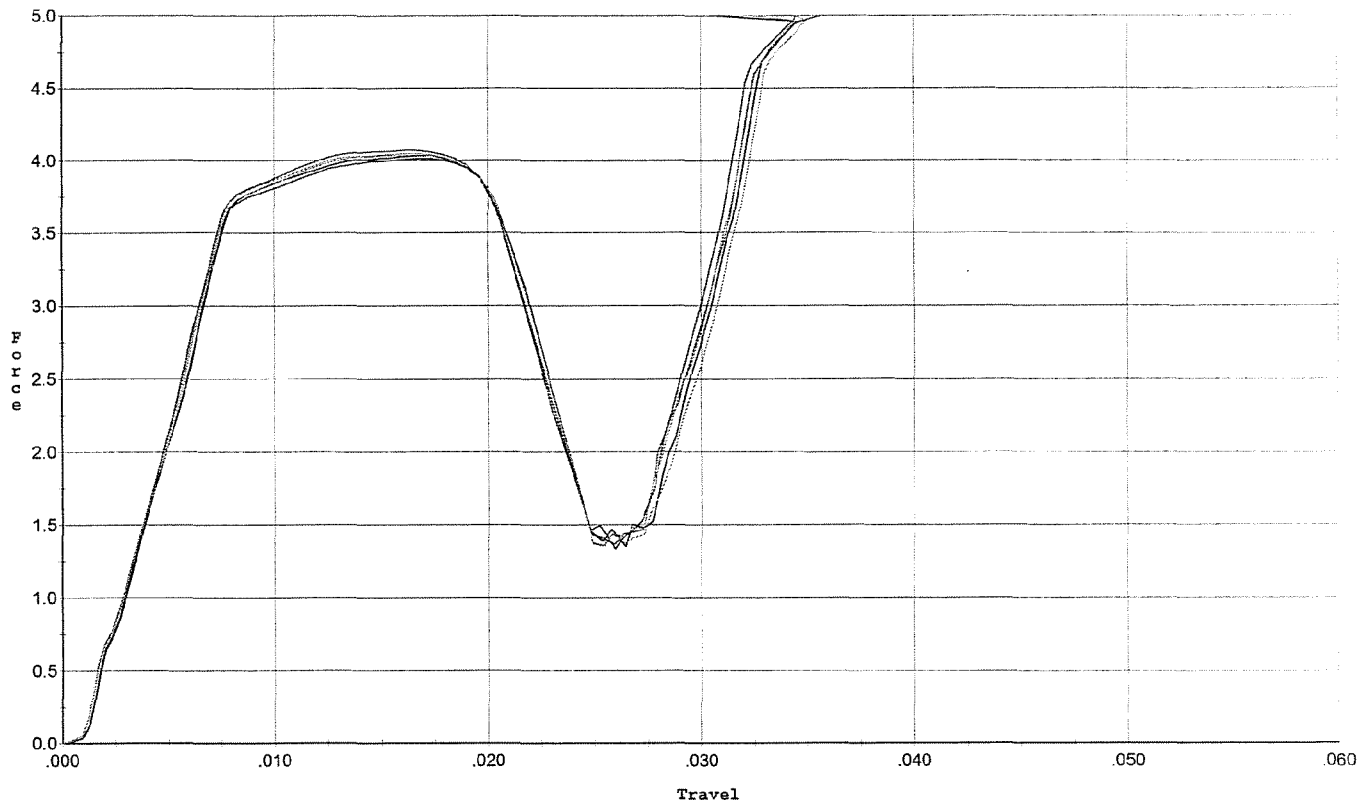
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.542	0.022	0.00	0.031	0.038		Set Trigger
2	2.546	0.020	0.00	0.031	0.036		Set Trigger
3	2.561	0.020	0.00	0.031	0.035		Set Trigger
4	2.533	0.020	0.00	0.031	0.036		Set Trigger
5	2.561	0.020	0.00	0.031	0.035		Set Trigger

Aug 2.54

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/19/09

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	4.013	0.020	0.00	0.028	0.057		Set Trigger
2	4.032	0.022	0.00	0.028	0.061		Set Trigger
3	4.072	0.020	0.00	0.028	0.058		Set Trigger
4	4.045	0.022	0.00	0.027	0.062		Set Trigger
5	4.035	0.022	0.00	0.027	0.062		Set Trigger

Avg 4.03

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522258.__0
FILE DATE AND TIME: 07/10/2009 07:48

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:	0.024
The Average Point of Impact of the Five Target Set:	0.032
The Average Mean Radius of the Five Target Set:	0.674
The Distance from POA to Centroid Target #1:	0.140
The Distance from Centroid Target #2 to Centroid Target #1:	0.116
The Distance from Centroid Target #3 to Centroid Target #1:	0.174
The Distance from Centroid Target #4 to Centroid Target #1:	0.282
The Distance from Centroid Target #5 to Centroid Target #1:	0.080

SERIAL NUMBER: C6522258. 0

TARGET NUMBER: 1

FILE DATE: 07/10/2009

FILE TIME: 07:48

X CENTROID: 0.029

Y CENTROID: 0.137

POA TO CENTROID: 0.140

HORZ SPREAD: 1.494

VERT SPREAD: 2.407

GROUP SPREAD: 2.488

MIN RADIUS: 0.142

MAX RADIUS: 1.542

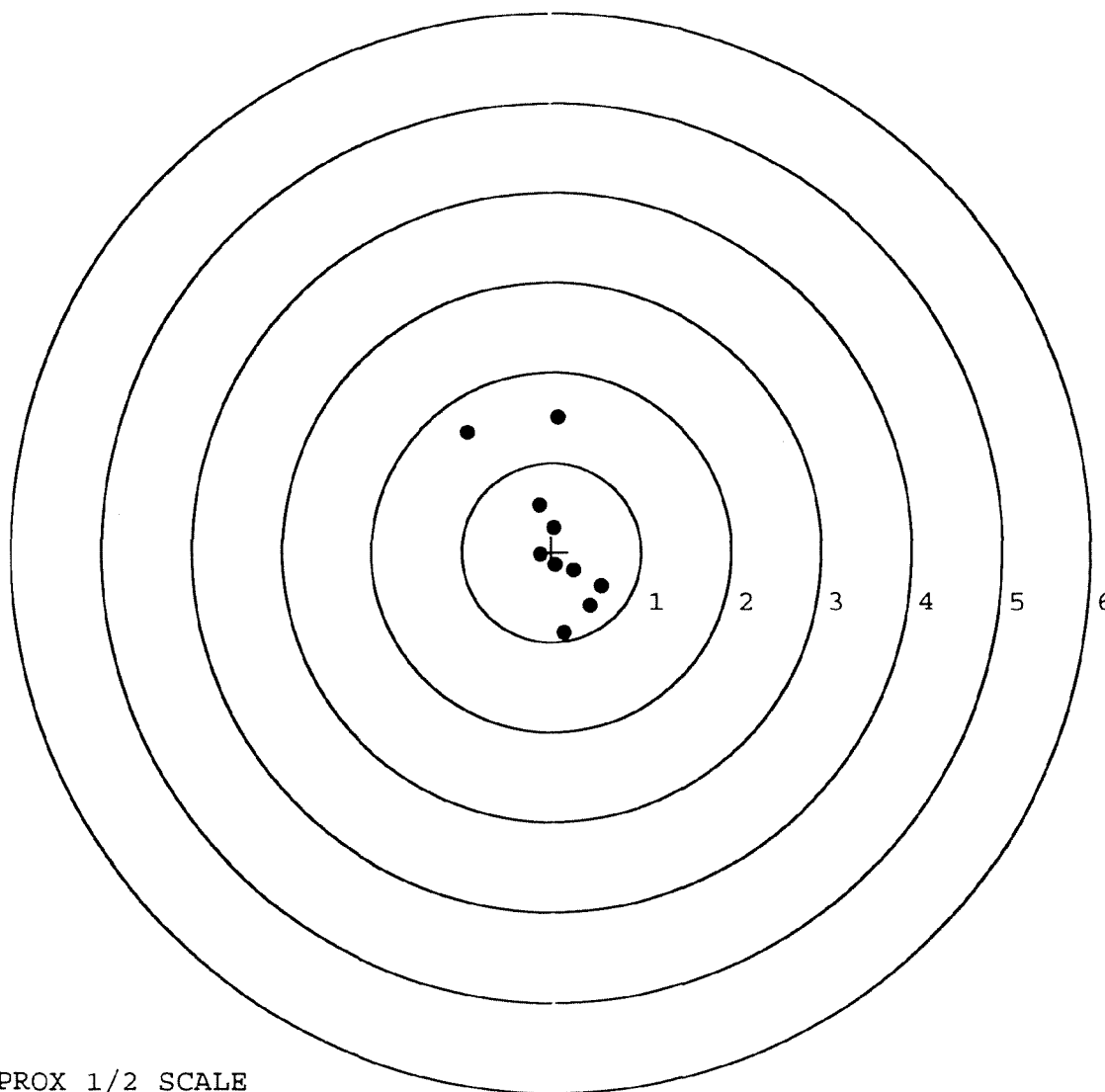
MEAN RADIUS: 0.702

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.936	1.339
2:	0.076	1.501
3:	-0.146	0.527
4:	0.024	0.279
5:	-0.128	-0.025
6:	0.241	-0.213
7:	0.558	-0.383
8:	0.427	-0.602
9:	0.137	-0.906
10:	0.041	-0.146



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522258. 0

TARGET NUMBER: 2

FILE DATE: 07/10/2009

FILE TIME: 07:48

X CENTROID: -0.021

Y CENTROID: 0.033

POA TO CENTROID: 0.039

HORZ SPREAD: 2.014

VERT SPREAD: 1.557

GROUP SPREAD: 2.209

MIN RADIUS: 0.027

MAX RADIUS: 1.136

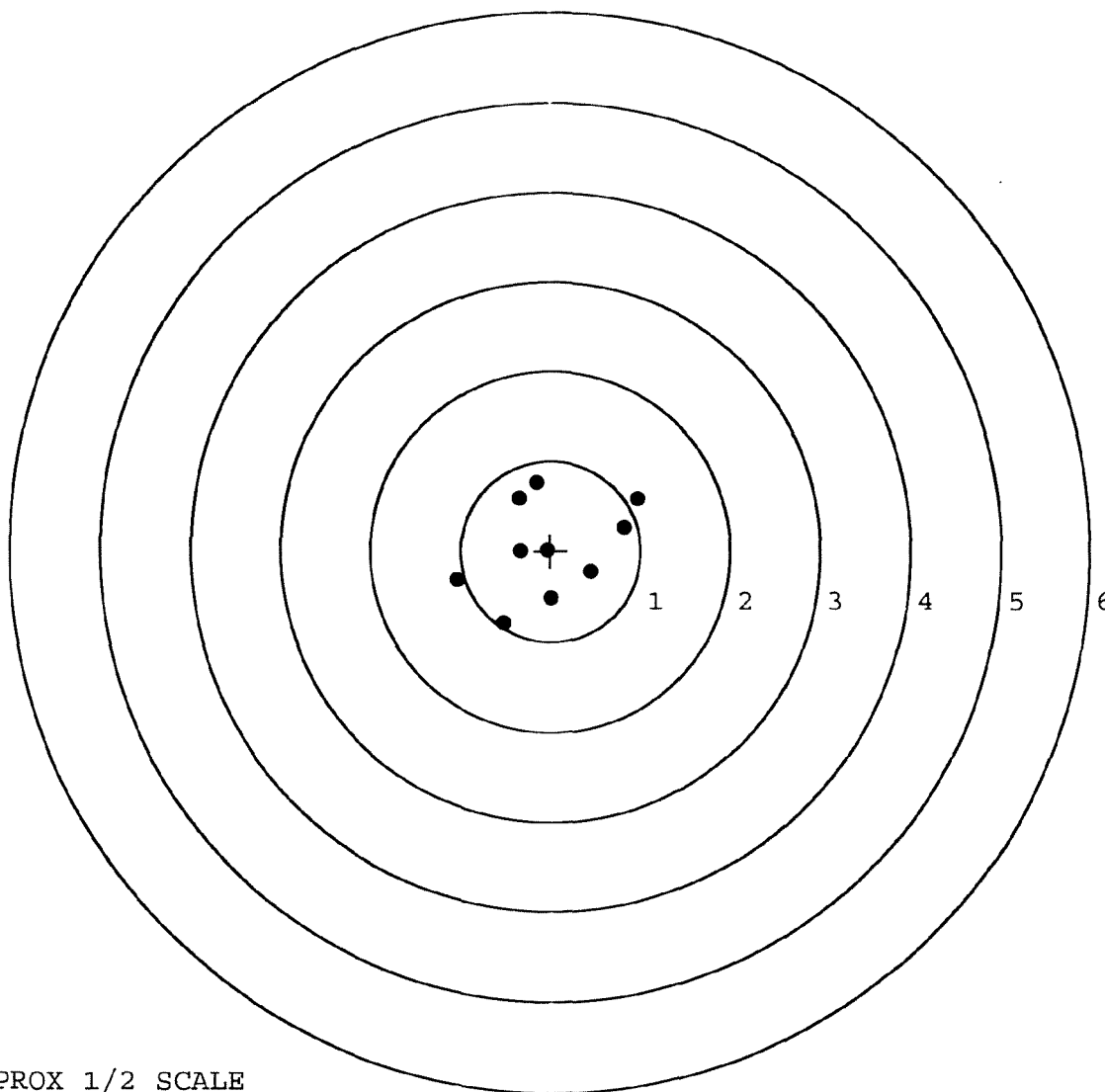
MEAN RADIUS: 0.689

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.160	0.761
2:	-0.348	0.591
3:	0.972	0.584
4:	0.819	0.263
5:	0.448	-0.229
6:	-0.004	-0.526
7:	-0.527	-0.796
8:	-1.042	-0.324
9:	-0.337	-0.005
10:	-0.035	0.009

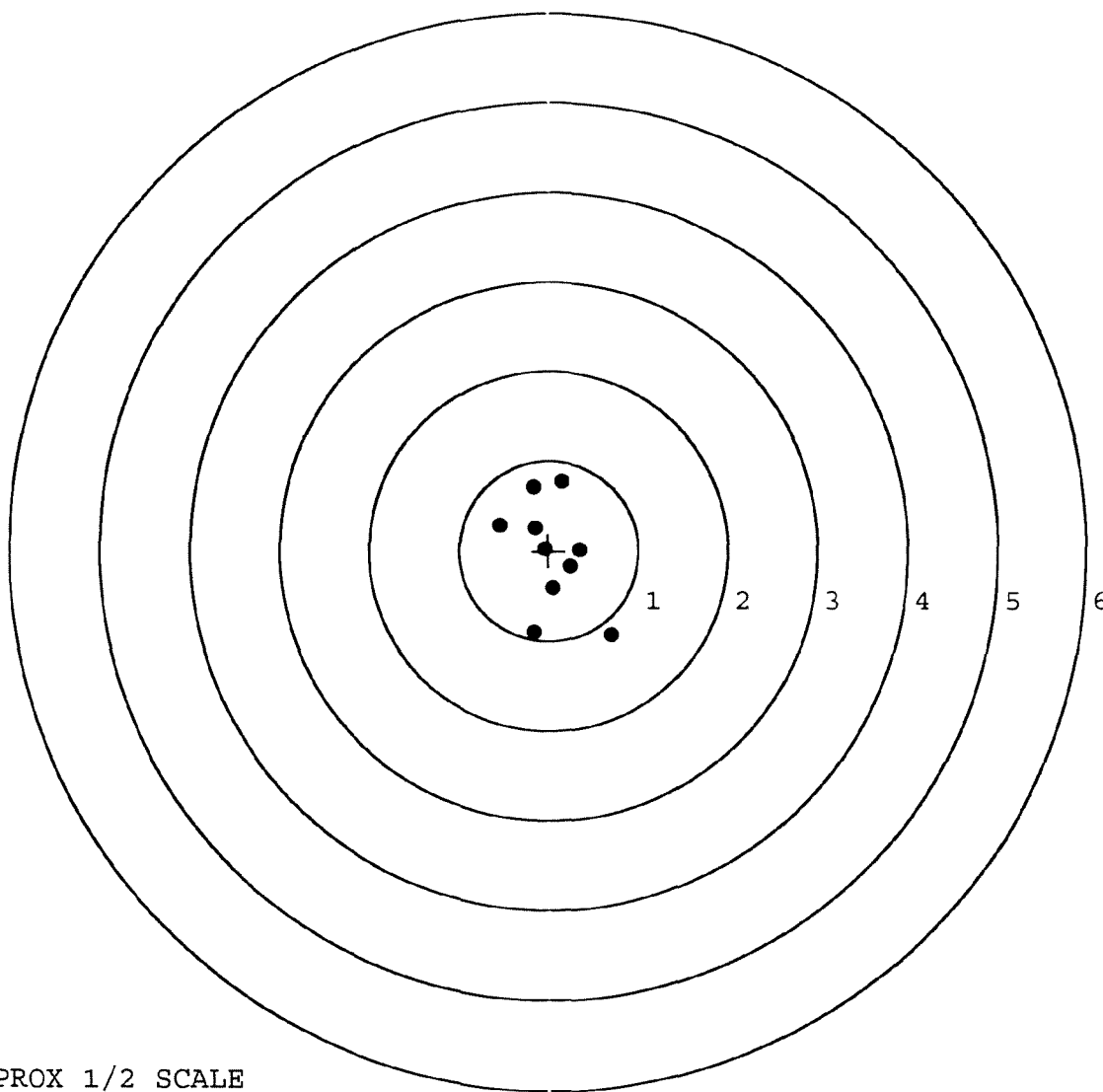


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522258. 0
TARGET NUMBER: 3
FILE DATE: 07/10/2009
FILE TIME: 07:48

X CENTROID: 0.040
Y CENTROID: -0.036
POA TO CENTROID: 0.054
HORZ SPREAD: 1.247
VERT SPREAD: 1.704
GROUP SPREAD: 1.864
MIN RADIUS: 0.101
MAX RADIUS: 1.115
MEAN RADIUS: 0.567
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.173	-0.907
2:	0.698	-0.937
3:	0.151	0.767
4:	-0.169	0.713
5:	-0.549	0.290
6:	-0.160	0.258
7:	-0.041	0.024
8:	0.347	0.014
9:	0.051	-0.414
10:	0.245	-0.172



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522258. __0

TARGET NUMBER: 4

FILE DATE: 07/10/2009

FILE TIME: 07:48

X CENTROID: 0.111

Y CENTROID: -0.133

POA TO CENTROID: 0.173

HORZ SPREAD: 1.318

VERT SPREAD: 2.115

GROUP SPREAD: 2.279

MIN RADIUS: 0.197

MAX RADIUS: 1.405

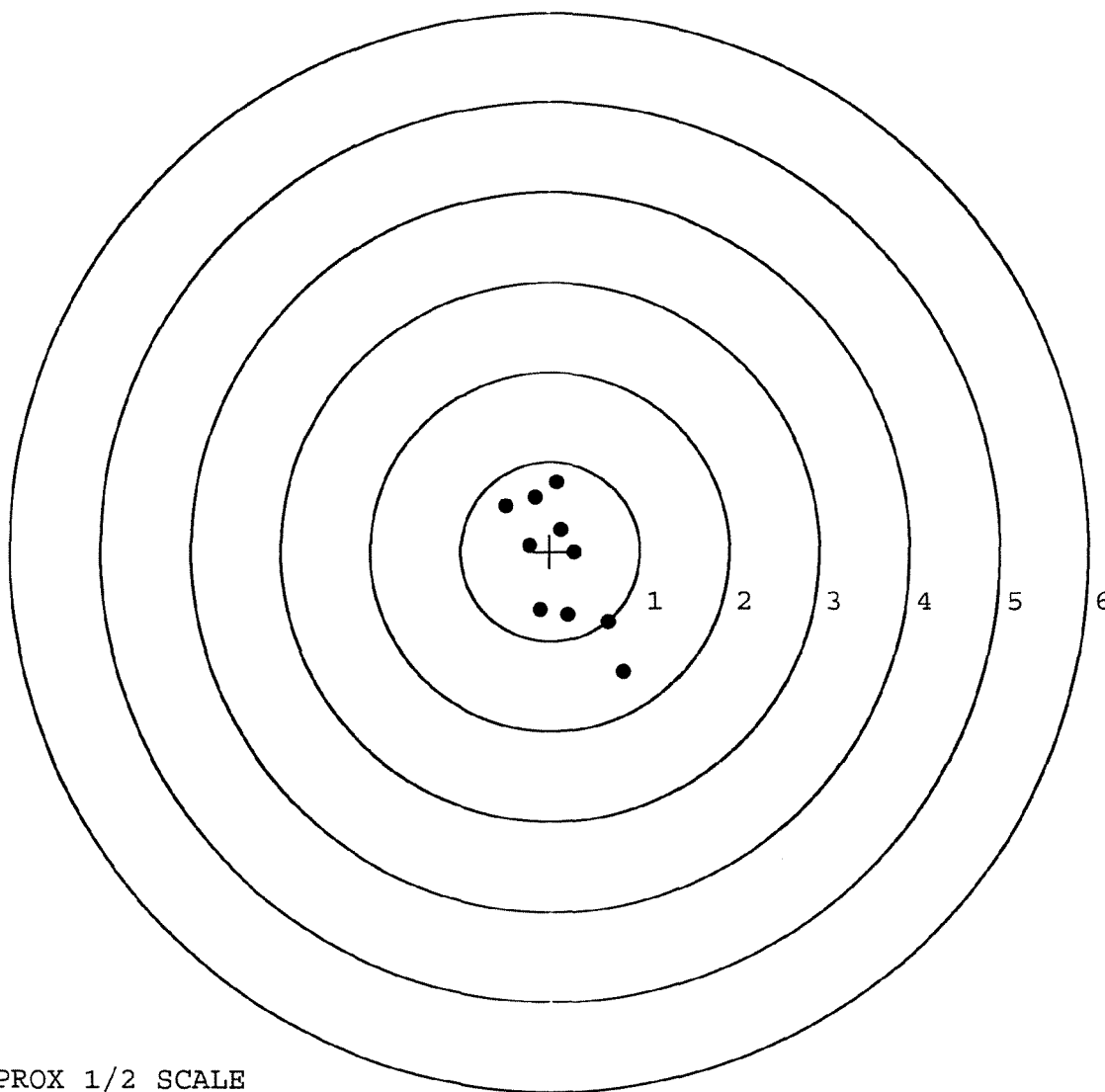
MEAN RADIUS: 0.695

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.819	-1.346
2:	0.645	-0.790
3:	0.194	-0.712
4:	-0.118	-0.659
5:	0.269	-0.015
6:	0.115	0.240
7:	-0.227	0.070
8:	0.080	0.769
9:	-0.168	0.600
10:	-0.499	0.513



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522258. 0

TARGET NUMBER: 5

FILE DATE: 07/10/2009

FILE TIME: 07:48

X CENTROID: -0.048

Y CENTROID: 0.117

POA TO CENTROID: 0.127

HORZ SPREAD: 1.520

VERT SPREAD: 2.363

GROUP SPREAD: 2.372

MIN RADIUS: 0.061

MAX RADIUS: 1.277

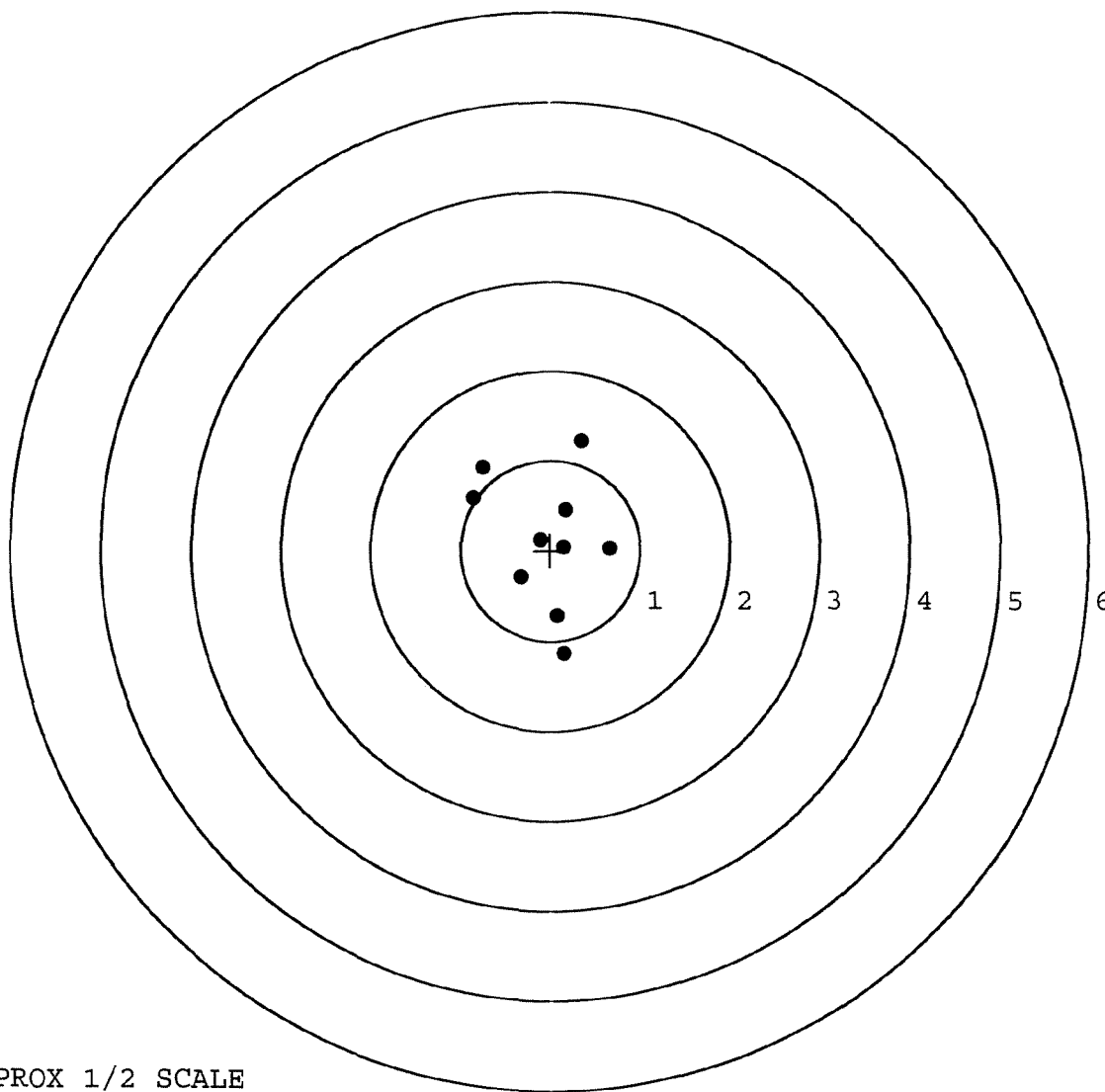
MEAN RADIUS: 0.718

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.353	1.219
2:	-0.748	0.914
3:	-0.855	0.576
4:	0.170	0.449
5:	-0.109	0.119
6:	0.152	0.040
7:	0.665	0.023
8:	-0.333	-0.297
9:	0.079	-0.724
10:	0.149	-1.144



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6522258

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		6/24/90	KJ
600	Proof		6/26/90	KJ
607	Check Headspace		6/26/90	KJ
610	Dis-assemble Gun		6/26/90	KJ
612	Magnaflux Barrel Action		7/10/90	KR
	Magnaflux Bolt		7/10/90	KR
615	Rollmark Caliber		7/10/90	S.S.
617	Drill and Tap Sight Holes		7/11/90	W.B.
618	Polish Barrel <i>W.B.</i>		7/13/90	W.B.
620	Apply Coatings (Barrel Action)		7-23-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/2/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/2/90	KS
	C) Inspect Ejector Hole for Chamfer		8/2/90	KS
	D) Oil Firing Pin Ass'y		8/2/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9/7/90	921

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			8/6/90	XL
	G) Safety Off Force	2	3	3			8/6/90	XL
	H) Trigger Pull Test & Retainability						9-7-90	XL
	I) Firing Pin Indent	.0235	.0235	.0255			8/6/90	DL
	J) Assemble Stock						8/6/90	KS
	K) Assemble Swivel Studs						9/8/90	DL
	L) Attach Front and Rear Sight Assemblies						8/6/90	KS
	M) Iron Sight Alignment						8/6/90	KS
	N) Detach Front & Rear Sights & place in numbered container						8/6/90	KS
	O) Attach Scope to Rifle						8/6/90	KS
	P) Detach & Attach Scope 20 Times						8/6/90	KS
640	Gallery Target & Test						8-10-90	DH
	A) Time						8-10-90	DH
	B) Malfunctions						8-10-90	DH
	C) Pierced Primers						8-10-90	DH
	D) Optical Clarity of Scope						8-10-90	DH
645	Inspect for Live Ammo						8-10-90	DH
655	Final Inspection							
	A) Headspace						9/8/90	DL
	B) Trigger Pull	2.45	2.38	2.63	2.49	2.49	9-7-90	DL
	C) Function						9/8/90	DL
660	Pack						9-7-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. E6622258
DATE 9-7-90
TESTER JU.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.41	2.44	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.16	2.43	2.47	2.38	
PULL #3	2.23	2.49	2.42	2.53	
PULL #4	2.19	2.44	2.34	2.49	
PULL #5	2.22	2.45	2.42	2.49	
TOTAL	11.08	12.22	12.09	12.34	
AVG.	2.216	2.444	2.418	2.468	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.13	3.49		
PULL #2	3.43	3.40		
PULL #3	3.44	3.46		
PULL #4	3.37	3.44		
PULL #5	3.41	3.40		
TOTAL	16.78	17.19		
AVG.	3.356	3.438		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.46	4.50		4.50
PULL #2	4.39	4.45		4.44
PULL #3	4.44	4.46		4.42
PULL #4	4.46	4.40		4.40
PULL #5	4.47	4.46		4.50
TOTAL	22.22	22.27		22.26
AVG.	4.444	4.454		4.452

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522258
10 Aug 1990

CENTROIDAL DISTANCES

0 TO 1	.632447
1 TO 2	.391337
1 TO 3	.742795
1 TO 4	.955952
1 TO 5	.644101

+ <----POA
1 2 3
5 4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3274
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.6518
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .729407

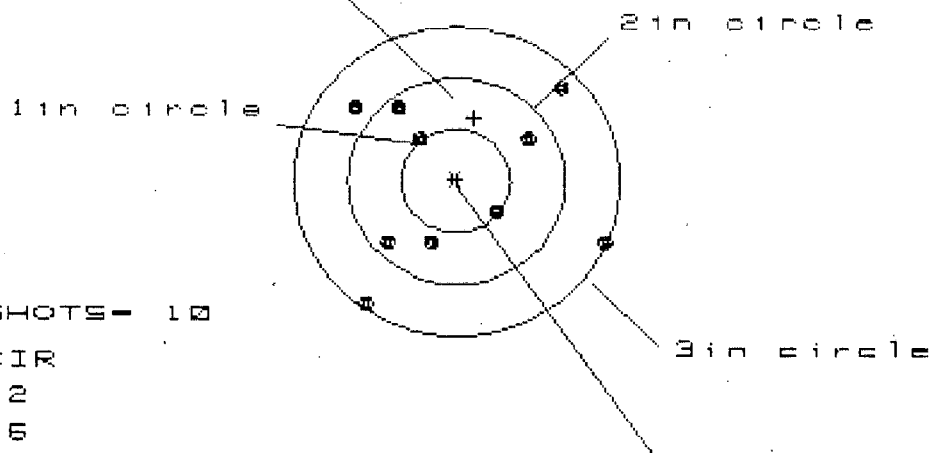
THE AMR FOR THIS RIFLE IS: .784

18 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522258

CENTERFIRE PATTERNS # 1

POA



+ OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in - 10

HS- 2.257

VS- 2.131

ES- 2.792

PATTERN #

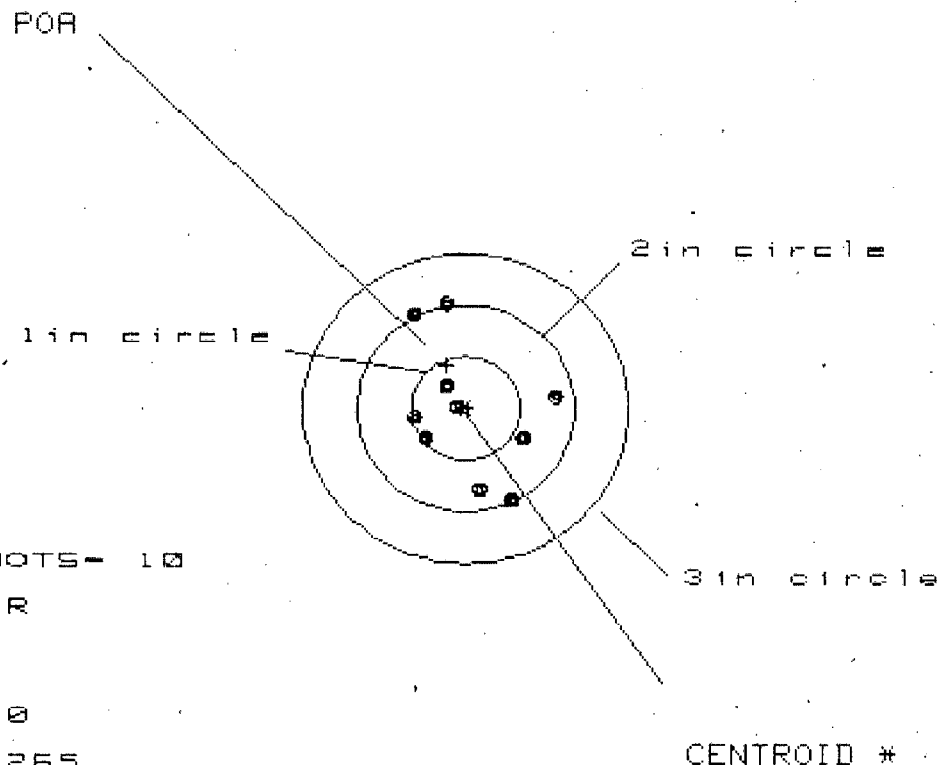
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SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.328	1.239	1.074
MINIMUM X	-.929	-1.018	-.863
MAXIMUM Y	.911	.775	.684
MINIMUM Y	-1.220	-.735	-.784
CENTROID X	-.167	-.078	-.233
CENTROID Y	-.610	-.474	-.383
POA TO CENTROID in.	.632	.481	.448
MIN RADIUS	.463	.472	.292
MEAN RADIUS	.952	.890	.800
MAX RADIUS	1.457	1.441	1.273
HORIZONTAL SPREAD	2.257	2.257	1.937
VERTICAL SPREAD	2.131	1.510	1.468
EXTREME SPREAD	2.792	2.611	2.220
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

18 Aug 1998

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 10

HS= 1.265

VS= 1.912

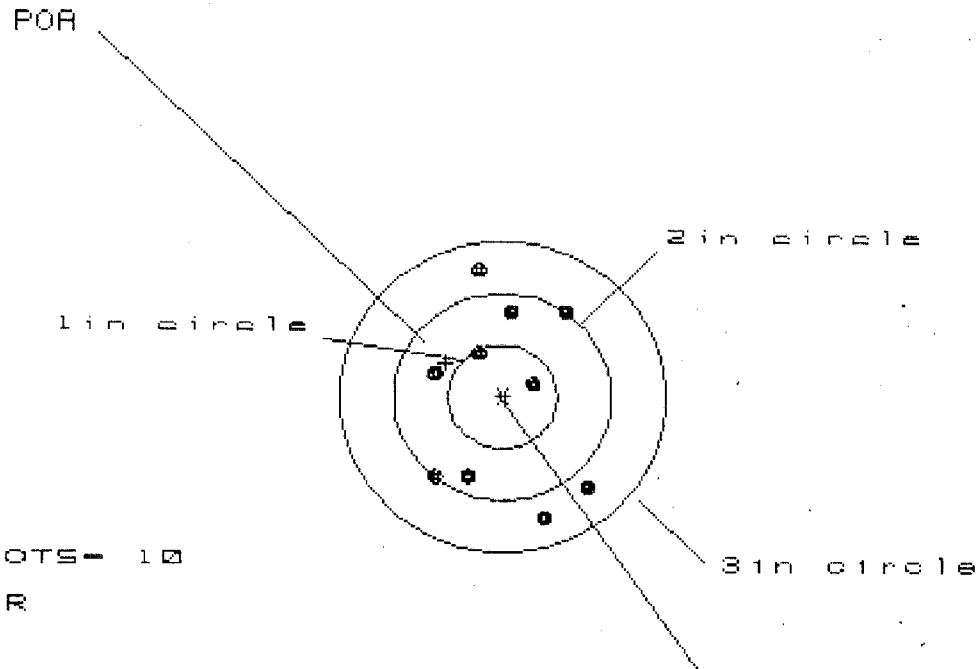
GS= 1.992

PATTERN #	:	2	3	4
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.782	.762	.705
MINIMUM X	:	-.483	-.503	-.560
MAXIMUM Y	:	1.066	1.021	.471
MINIMUM Y	:	-.846	-.728	-.600
CENTROID X	:	.174	.194	.251
CENTROID Y	:	-.418	-.536	-.664
POA TO CENTROID in.	:	.453	.570	.710
MIN RADIUS	:	.089	.177	.316
MEAN RADIUS	:	.659	.611	.549
MAX RADIUS	:	1.079	1.120	.796
HORIZONTAL SPREAD	:	1.265	1.265	1.265
VERTICAL SPREAD	:	1.912	1.749	1.071
EXTREME SPREAD	:	1.992	1.935	1.281
NUMBER IN ONE INCH CIRCLE =		4	8	10
NUMBER IN TWO INCH CIRCLE =		8	10	10
NUMBER IN THREE INCH CIRCLE =		10	10	10

18 Aug 1988

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.401

VS= 2.325

GS= 2.405

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.736	.706	.746
MINIMUM X	:	-.665	-.695	-.655
MAXIMUM Y	:	1.190	1.002	.876
MINIMUM Y	:	-1.135	-1.003	-.868
CENTROID X	:	.521	.551	.511
CENTROID Y	:	-.330	-.462	-.336
POA TO CENTROID in.	:	.617	.719	.612
MIN RADIUS	:	.286	.342	.298
MEAN RADIUS	:	.872	.839	.790
MAX RADIUS	:	1.219	1.160	1.144
HORIZONTAL SPREAD	:	1.401	1.401	1.401
VERTICAL SPREAD	:	2.325	2.005	1.744
EXTREME SPREAD	:	2.405	2.079	2.079
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Aug 1998

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 2.023

VS= 1.535

CS= 2.119

CENTROID *

PATTERN #	14	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.879	.752	.416
MINIMUM X	-1.144	-.685	-.592
MAXIMUM Y	.765	.779	.719
MINIMUM Y	-.770	-.756	-.816
CENTROID X	.671	.798	.705
CENTROID Y	-1.070	-1.084	-1.024
POA TO CENTROID in.	1.263	1.347	1.243
MIN RADIUS	.424	.394	.377
MEAN RADIUS	.723	.667	.626
MAX RADIUS	1.152	.893	.818
HORIZONTAL SPREAD	2.023	1.437	1.008
VERTICAL SPREAD	1.535	1.535	1.535
EXTREME SPREAD	2.119	1.598	1.542
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

18 Aug 1998

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CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 10

HS= 1.815

VS= 2.389

GS= 2.401

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.954	.945	.836
MINIMUM X	-.861	-.870	-.745
MAXIMUM Y	1.027	.876	.949
MINIMUM Y	-1.362	-.701	-.628
CENTROID X	.438	.447	.556
CENTROID Y	-.831	-.680	-.753
POA TO CENTROID in.	.940	.814	.936
MIN RADIUS	.149	.104	.212
MEAN RADIUS	.714	.643	.569
MAX RADIUS	1.364	1.045	.949
HORIZONTAL SPREAD	1.815	1.815	1.581
VERTICAL SPREAD	2.389	1.577	1.577
EXTREME SPREAD	2.401	1.832	1.811
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

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