

C6348760

MODEL 700TM M24

Model **SMS** TM

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: RE00154253

Serial: C6348760 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 10/30/2008 8:24:43 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ISD ARMSROOM

ISD ARMSROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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

10/30/2008

12:42 PM

CAPS

NUM

INS

SCRL



Serial Number: C6348760

Model: M24 SWS



RE00154253

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

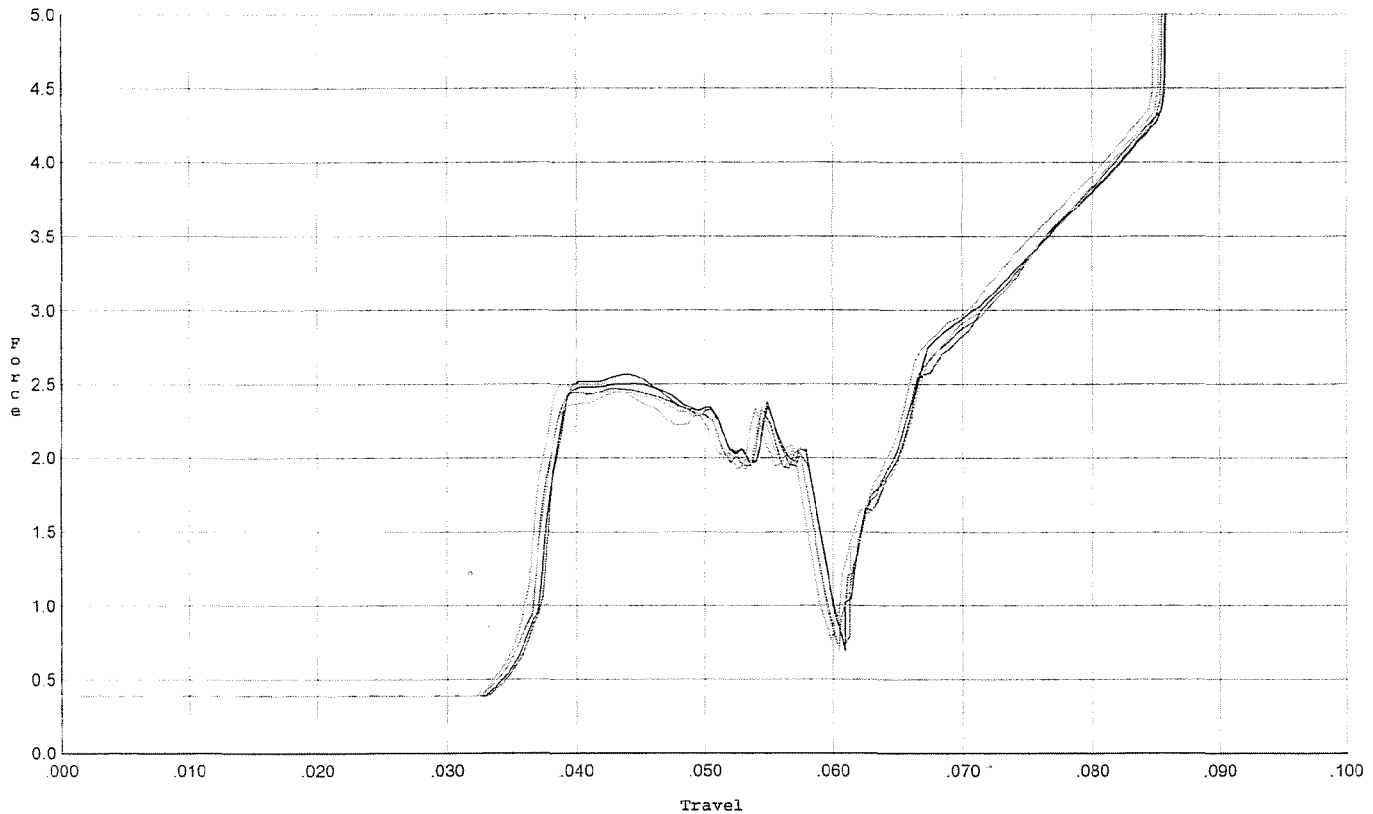
R & E NUMBER 154253
SERIAL NUMBER C6348760
LOG-IN DATE 10-30-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-5-08	RJZ
505	RE-BARREL	11-12-08	RJZ
560	ASSEMBLE	11-12-08	RJZ
600	PROOF	11-11-08	SPD
605	CHECK HEADSPACE	11-11-08	SPD
610	DIS-ASSEMBLE GUN	11-11-08	SPD
612	MAGNAFLUX	11/11/08	(B)
510	DRILL AND TAP	11-11-08	SP
615	ROLLMARK CALIBER	11/11/08	RT
618	ROTO-BLAST		
620	APPLY COATINGS	11-21	~
625	FINAL ASSEMBLY	12-3-08	RJZ
640	FUNCTION TEST AND	12-3-08	SPD
650	TARGET	12-3-08	SPD
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	12-3-08	RP
	A) HEADSPACE	12-4-08	SPD
		12-4-08	SPD
	4.5 LBS MIN 2.50 LBS MAX 4.0 LBS	276 269 271 271 269	12-4-08
	B) TRIGGER PULL		
680	F) SAFETY ON FORCE	40 30 30	12-4-08
	2 LBS MIN MAX		
	G) SAFETY OFF FORCE	40 40 40	12-4-08
	I) FIRING PIN INDENT	.020 .020 .021	12-4-08
690	PACK		12/2/09

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C schults 10/31/2008

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



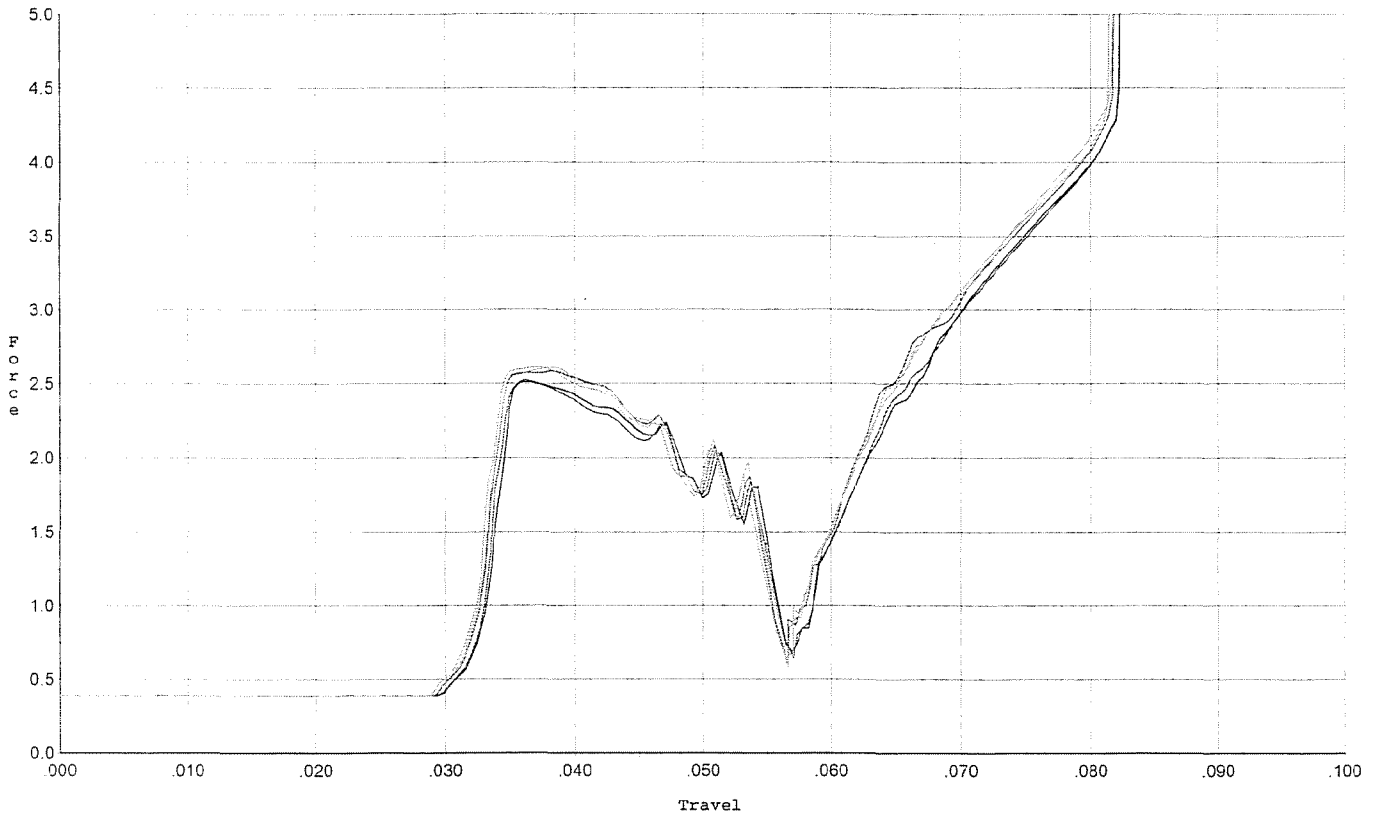
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.568	0.058	0.036	0.034	0.063		Set Trigger
2	2.502	0.058	0.035	0.034	0.063		Set Trigger
3	2.470	0.057	0.035	0.034	0.062		Set Trigger
4	2.447	0.057	0.035	0.034	0.061		Set Trigger
5	2.499	0.057	0.035	0.034	0.061		Set Trigger

A-2.49

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C schults 10/31/2008

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



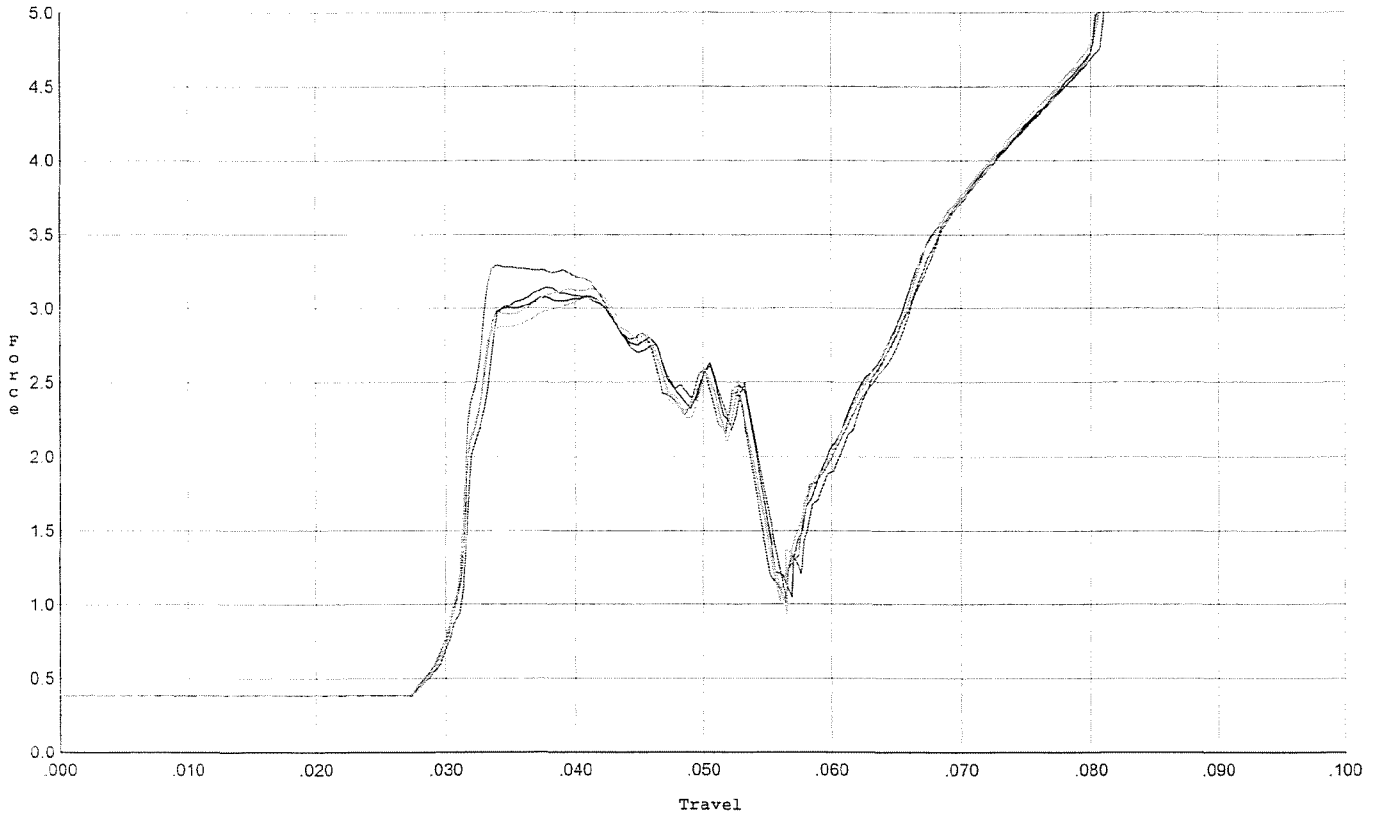
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.527	0.055	0.030	0.033	0.059		Set Trigger
2	2.515	0.054	0.032	0.033	0.059		Set Trigger
3	2.582	0.054	0.030	0.033	0.060		Set Trigger
4	2.608	0.054	0.031	0.033	0.060		Set Trigger
5	2.609	0.053	0.029	0.033	0.059		Set Trigger

A-256

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C schults 10/31/2008

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



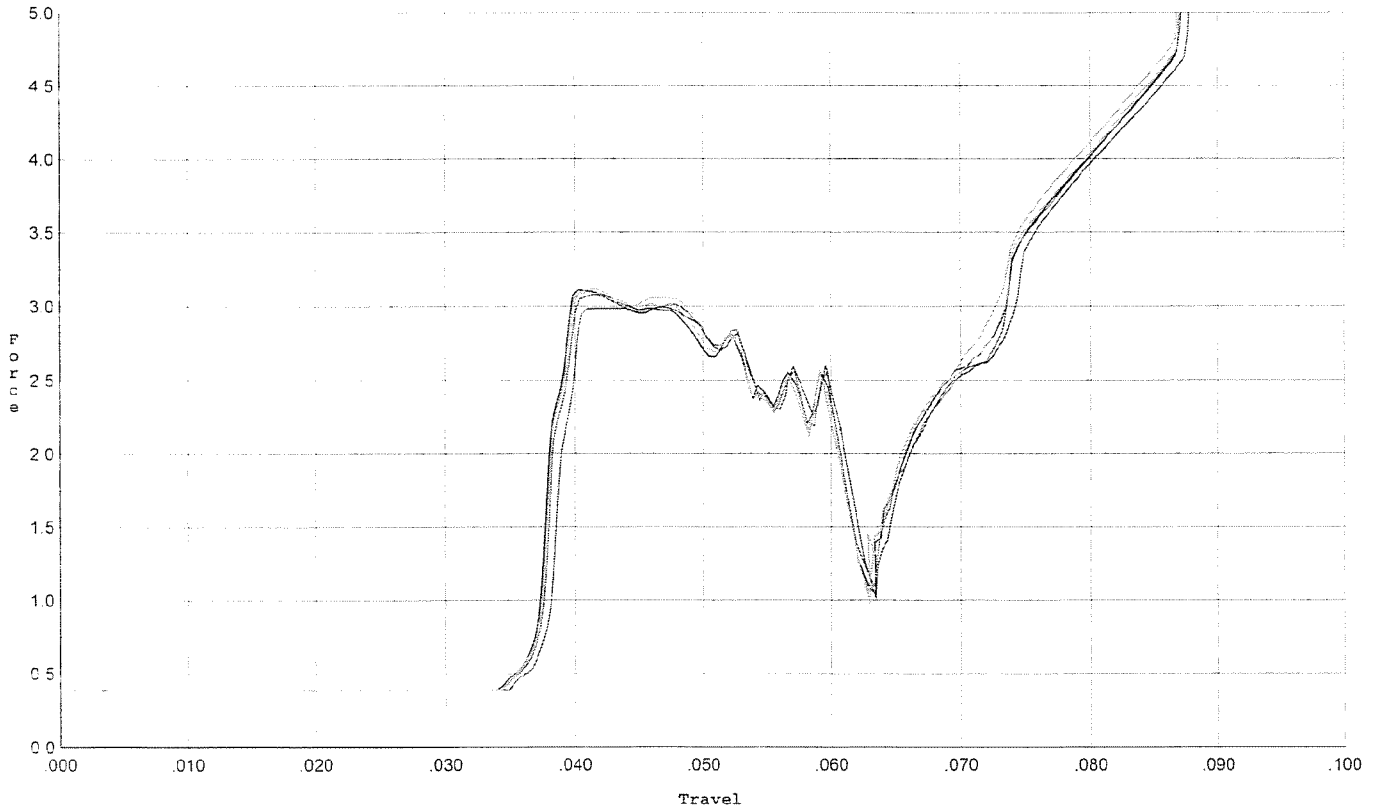
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.140	0.053	0.030	0.032	0.073		Set Trigger
2	3.081	0.053	0.030	0.031	0.073		Set Trigger
3	3.292	0.053	0.028	0.031	0.074		Set Trigger
4	3.134	0.053	0.030	0.031	0.072		Set Trigger
5	3.070	0.053	0.028	0.031	0.072		Set Trigger

A. 3.14

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C schults 10/31/2008

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



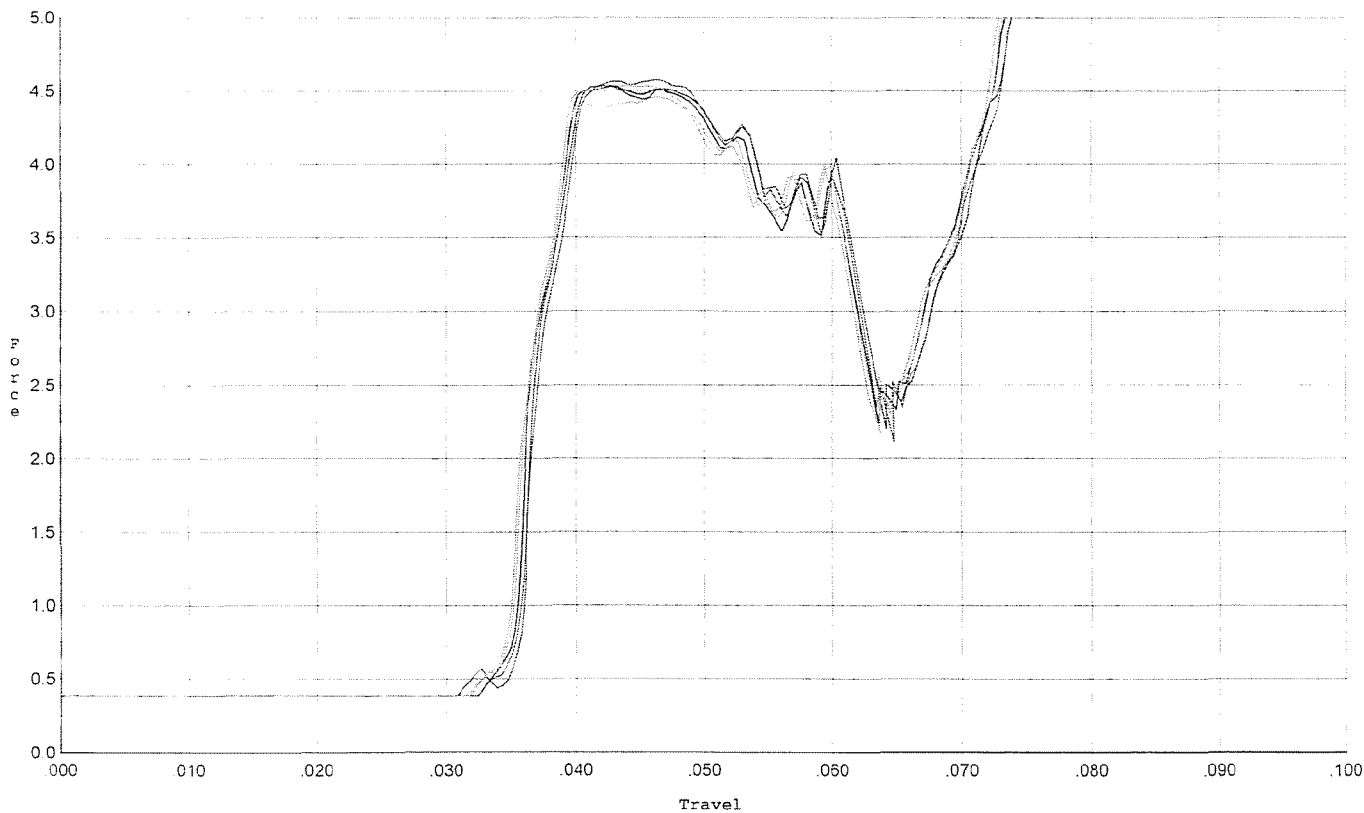
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.993	0.061	0.035	0.033	0.076		Set Trigger
2	3.110	0.060	0.037	0.032	0.076		Set Trigger
3	3.076	0.060	0.037	0.032	0.075		Set Trigger
4	3.091	0.060	0.037	0.032	0.076		Set Trigger
5	3.117	0.060	0.037	0.032	0.077		Set Trigger

A-3-07

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C schults 10/31/2008

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



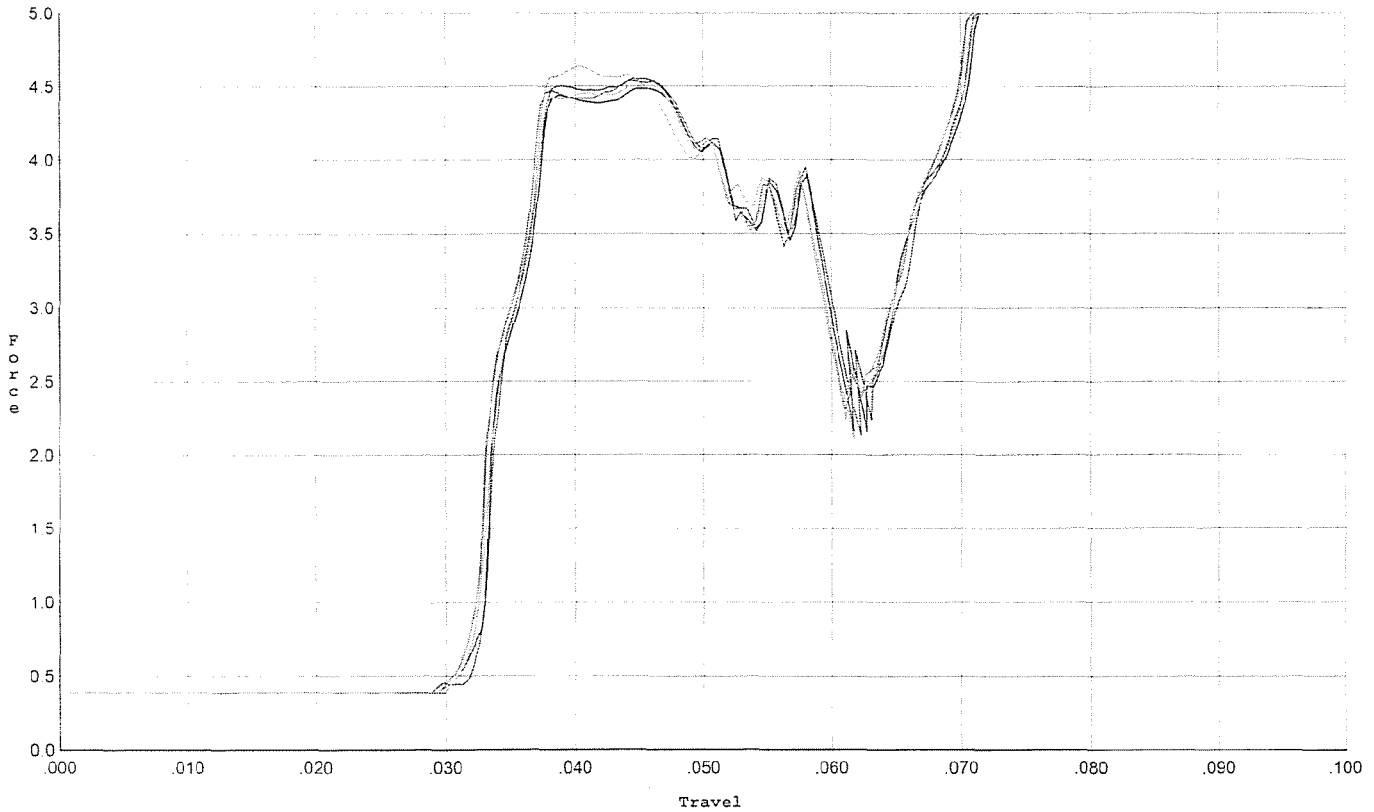
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.535	0.060	0.031	0.025	0.115		Set Trigger
2	4.528	0.060	0.035	0.025	0.113		Set Trigger
3	4.572	0.061	0.035	0.025	0.115		Set Trigger
4	4.459	0.060	0.032	0.024	0.113		Set Trigger
5	4.538	0.061	0.034	0.023	0.116		Set Trigger

A-4.52

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: C schults 10/31/2008

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



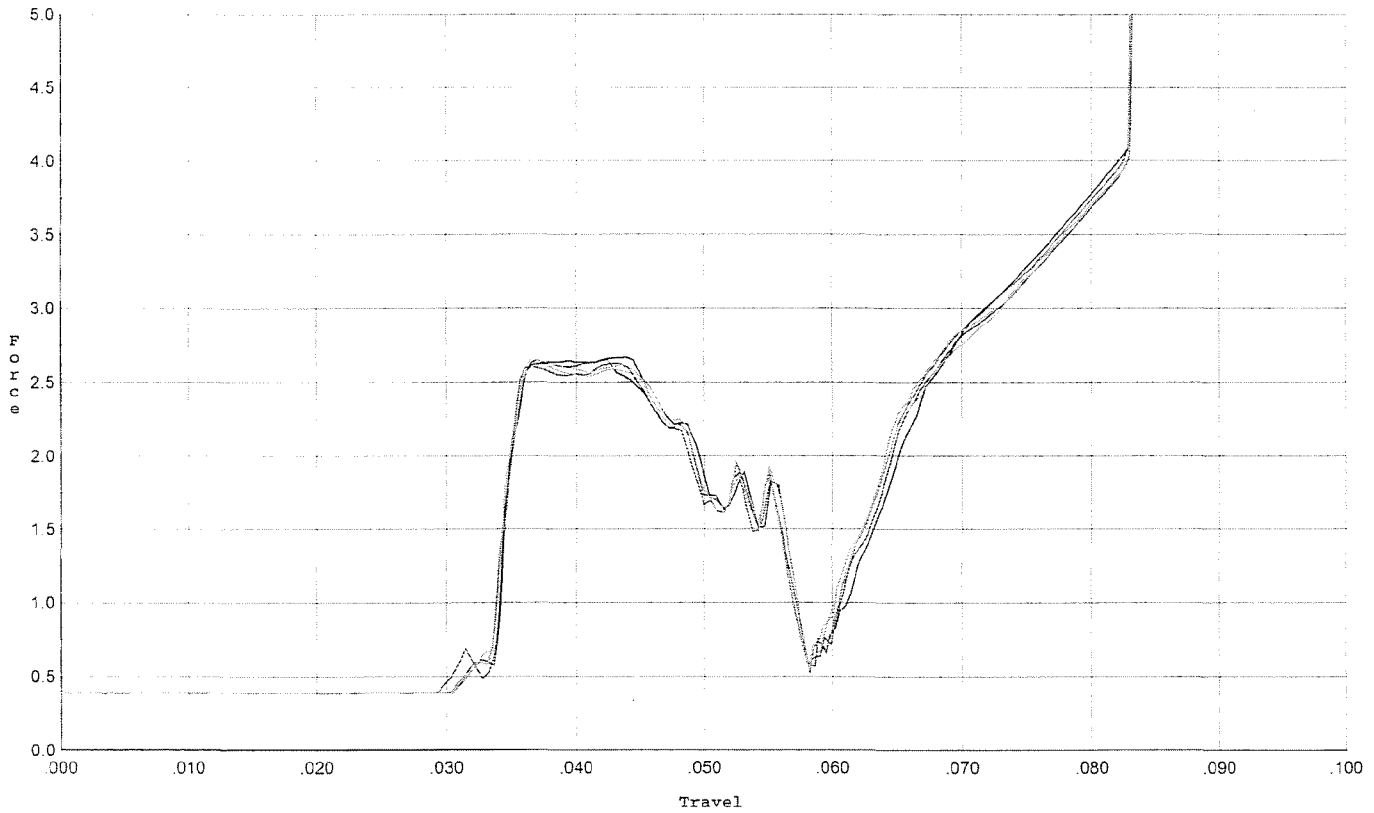
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.554	0.059	0.032	0.025	0.117		Set Trigger
2	4.483	0.058	0.032	0.027	0.112		Set Trigger
3	4.539	0.058	0.031	0.026	0.113		Set Trigger
4	4.502	0.059	0.032	0.026	0.114		Set Trigger
5	4.642	0.058	0.031	0.025	0.113		Set Trigger

A4.54

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C schults 10/31/2008

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



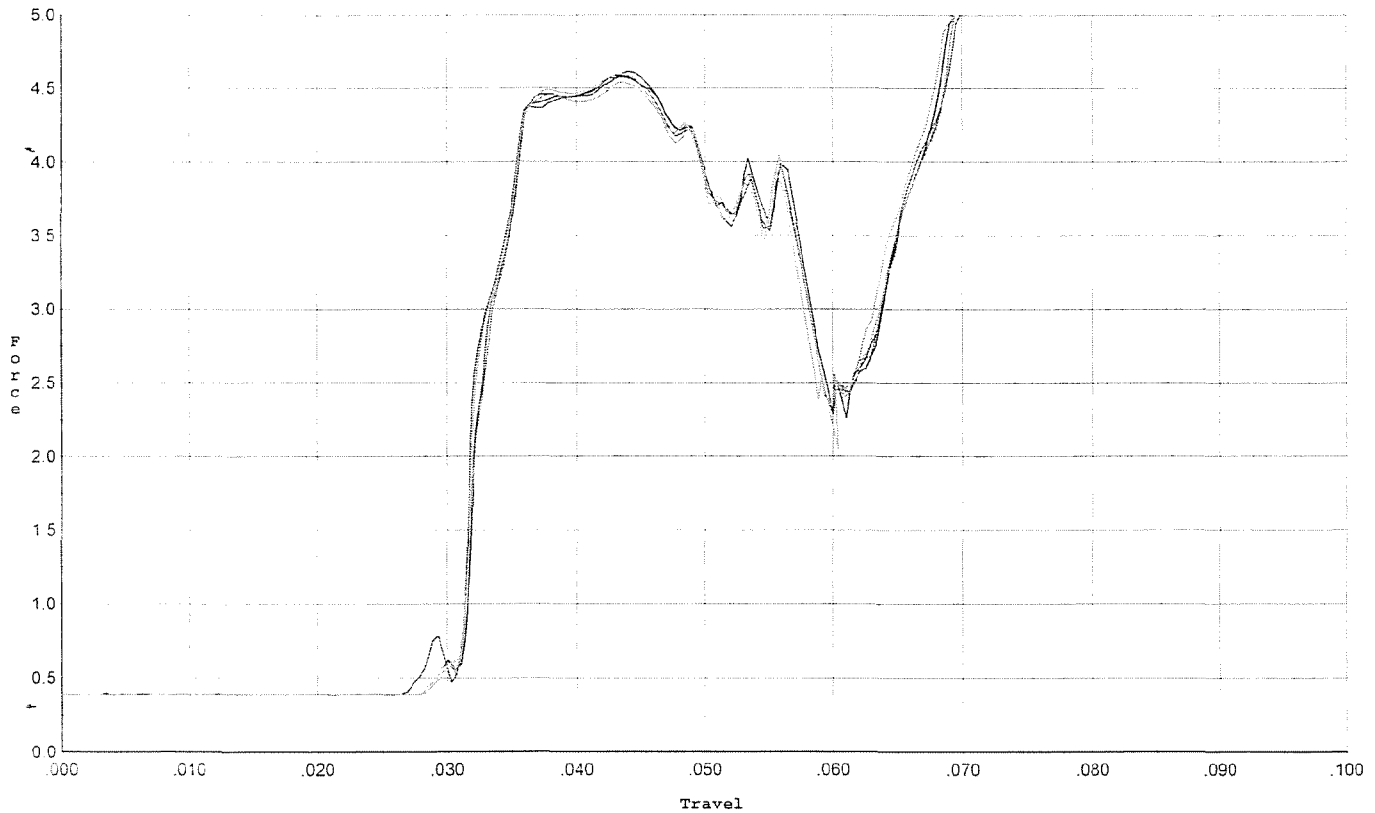
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.650	0.057	0.031	0.034	0.063		Set Trigger
2	2.668	0.056	0.032	0.033	0.062		Set Trigger
3	2.628	0.055	0.031	0.033	0.061		Set Trigger
4	2.617	0.056	0.032	0.033	0.062		Set Trigger
5	2.646	0.055	0.032	0.034	0.061		Set Trigger

A-2.64

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C schults 10/31/2008

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	4.614	0.057	0.028	0.027	0.116		Set Trigger
2	4.586	0.057	0.030	0.025	0.113		Set Trigger
3	4.578	0.057	0.031	0.025	0.115		Set Trigger
4	4.592	0.056	0.030	0.025	0.112		Set Trigger
5	4.541	0.057	0.030	0.025	0.114		Set Trigger

A=4.58

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348760.__0

FILE DATE AND TIME: 12/04/2008 14:00

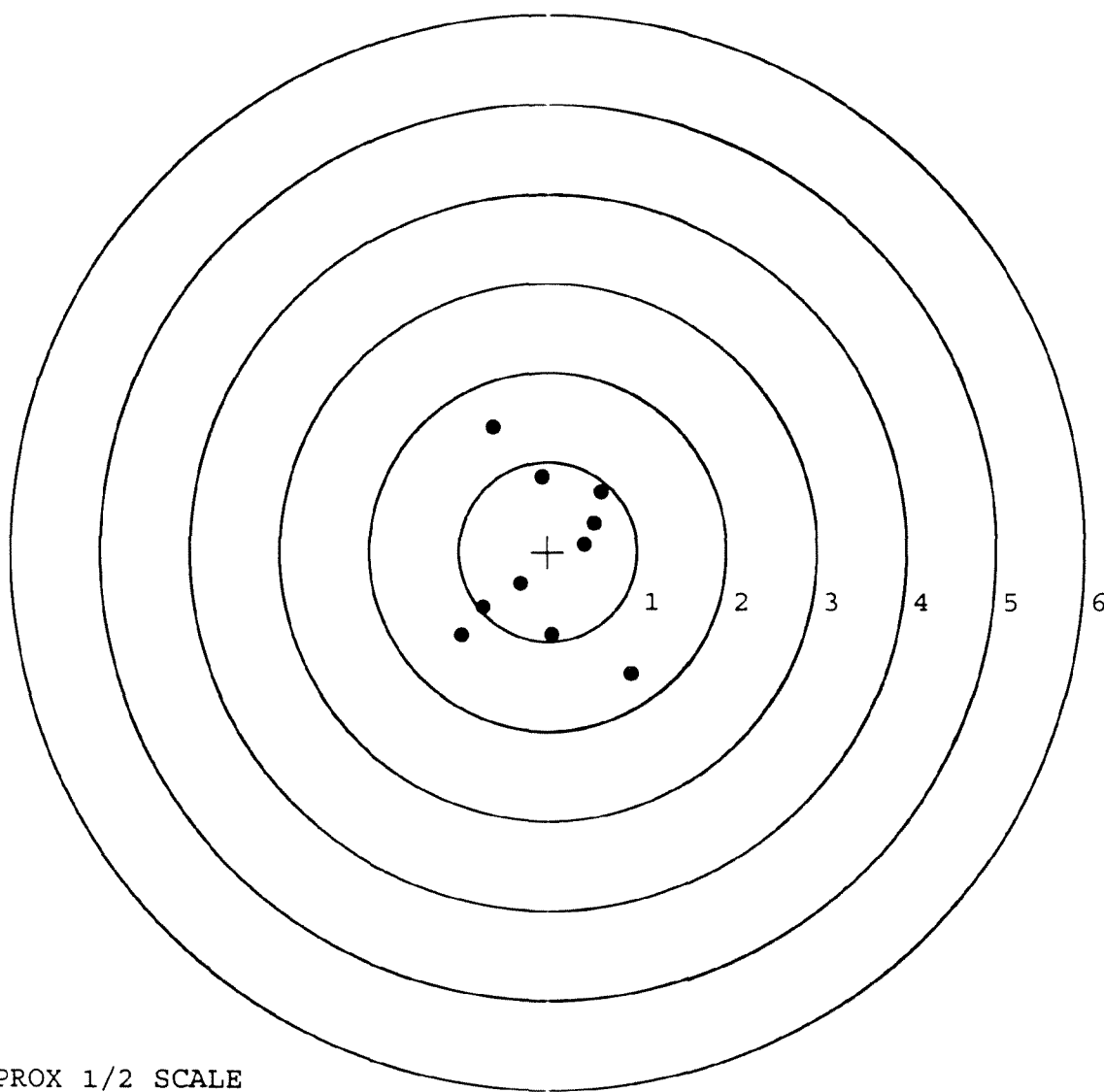
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.146
The Average Y Centroid of the Five Target Set:	-0.125
The Average Point of Impact of the Five Target Set:	0.192
The Average Mean Radius of the Five Target Set:	0.700
The Distance from POA to Centroid Target #1:	0.097
The Distance from Centroid Target #2 to Centroid Target #1:	0.301
The Distance from Centroid Target #3 to Centroid Target #1:	0.426
The Distance from Centroid Target #4 to Centroid Target #1:	0.289
The Distance from Centroid Target #5 to Centroid Target #1:	0.126

SERIAL NUMBER: C6348760. __0
TARGET NUMBER: 1
FILE DATE: 12/04/2008
FILE TIME: 14:00

POINT#	X	Y
1:	0.928	-1.366
2:	0.045	-0.932
3:	-0.972	-0.940
4:	-0.729	-0.630
5:	-0.310	-0.366
6:	0.414	0.085
7:	0.520	0.319
8:	0.597	0.669
9:	-0.073	0.834
10:	-0.618	1.378

X CENTROID: -0.020
Y CENTROID: -0.095
POA TO CENTROID: 0.097
HORZ SPREAD: 1.900
VERT SPREAD: 2.744
GROUP SPREAD: 3.150
MIN RADIUS: 0.397
MAX RADIUS: 1.590
MEAN RADIUS: 0.964
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348760. __0

TARGET NUMBER: 2

FILE DATE: 12/04/2008

FILE TIME: 14:00

POINT#	X	Y
1:	0.436	-0.615
2:	0.533	-0.390
3:	0.291	-0.300
4:	0.686	-0.193
5:	0.745	0.280
6:	0.675	0.521
7:	0.323	0.339
8:	0.116	0.406
9:	-0.632	0.133
10:	-0.543	-0.097

X CENTROID: 0.263

Y CENTROID: 0.008

POA TO CENTROID: 0.263

HORZ SPREAD: 1.377

VERT SPREAD: 1.136

GROUP SPREAD: 1.385

MIN RADIUS: 0.310

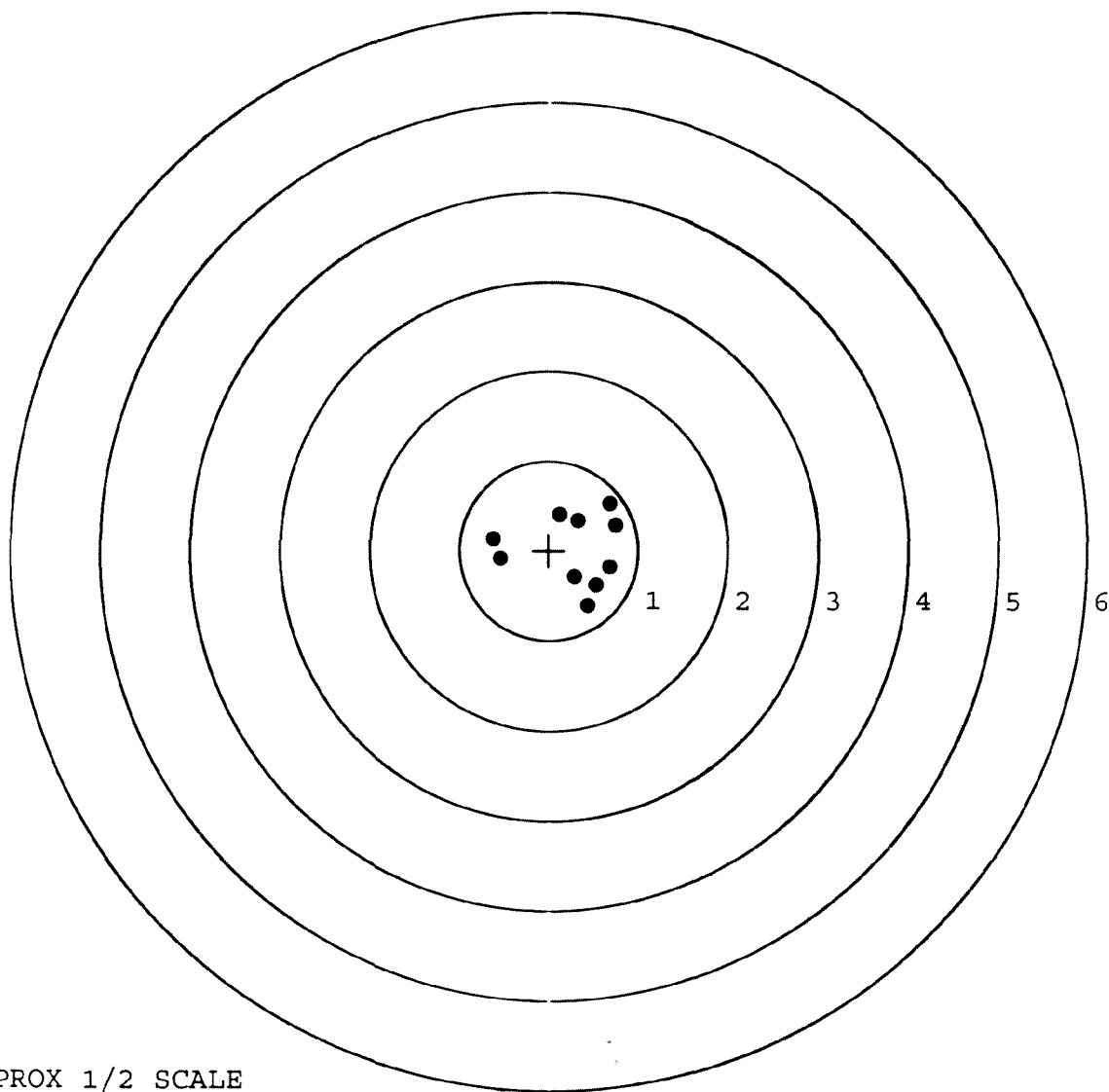
MAX RADIUS: 0.904

MEAN RADIUS: 0.559

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348760. __0

TARGET NUMBER: 3

FILE DATE: 12/04/2008

FILE TIME: 14:00

POINT#	X	Y
1:	-0.341	0.508
2:	0.588	0.068
3:	0.417	-0.076
4:	0.269	-0.343
5:	0.119	-0.466
6:	0.117	-0.718
7:	0.381	-0.667
8:	0.536	-0.448
9:	0.665	-0.313
10:	0.896	-0.328

X CENTROID: 0.365

Y CENTROID: -0.278

POA TO CENTROID: 0.459

HORZ SPREAD: 1.237

VERT SPREAD: 1.226

GROUP SPREAD: 1.493

MIN RADIUS: 0.116

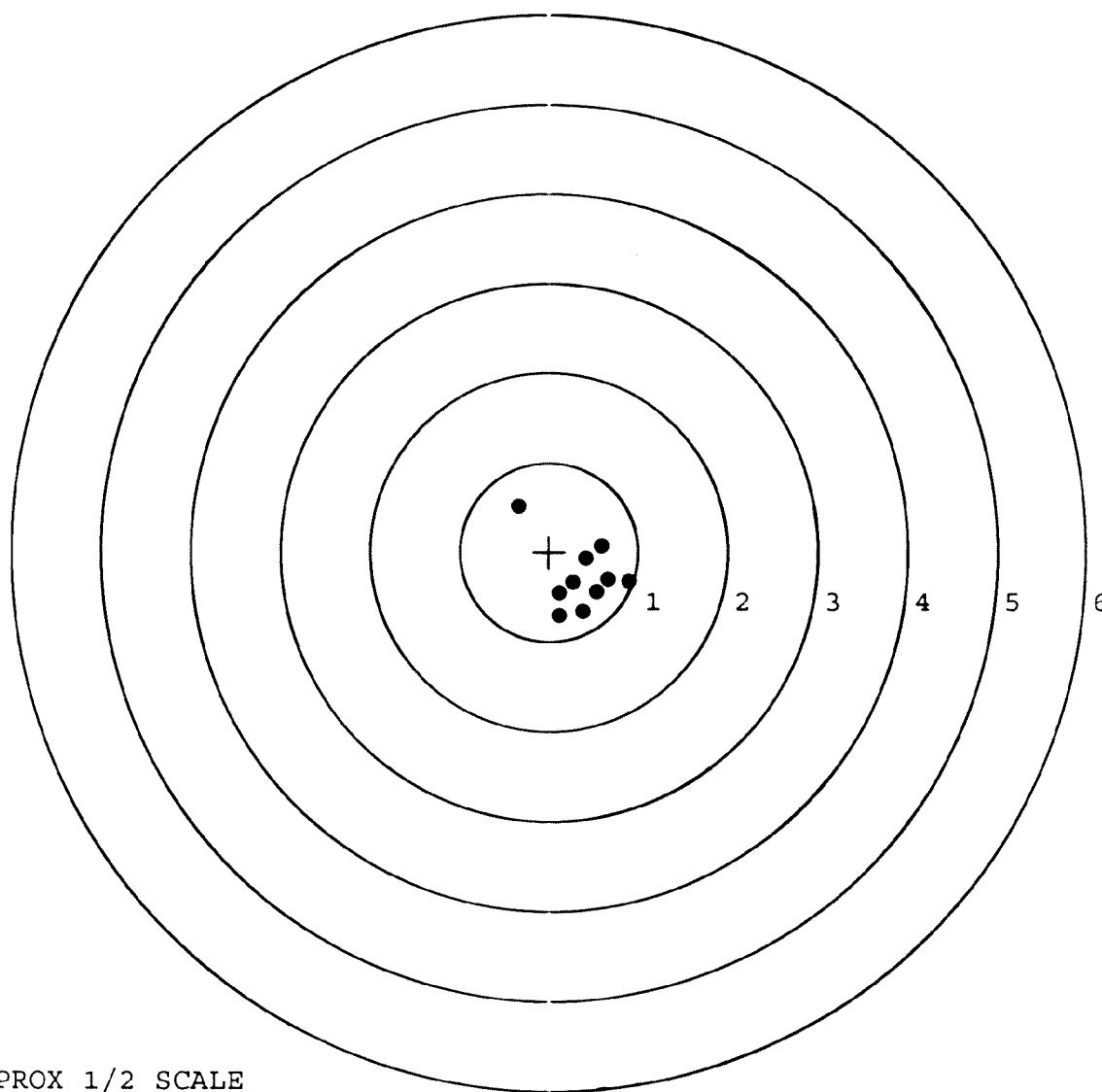
MAX RADIUS: 1.057

MEAN RADIUS: 0.407

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

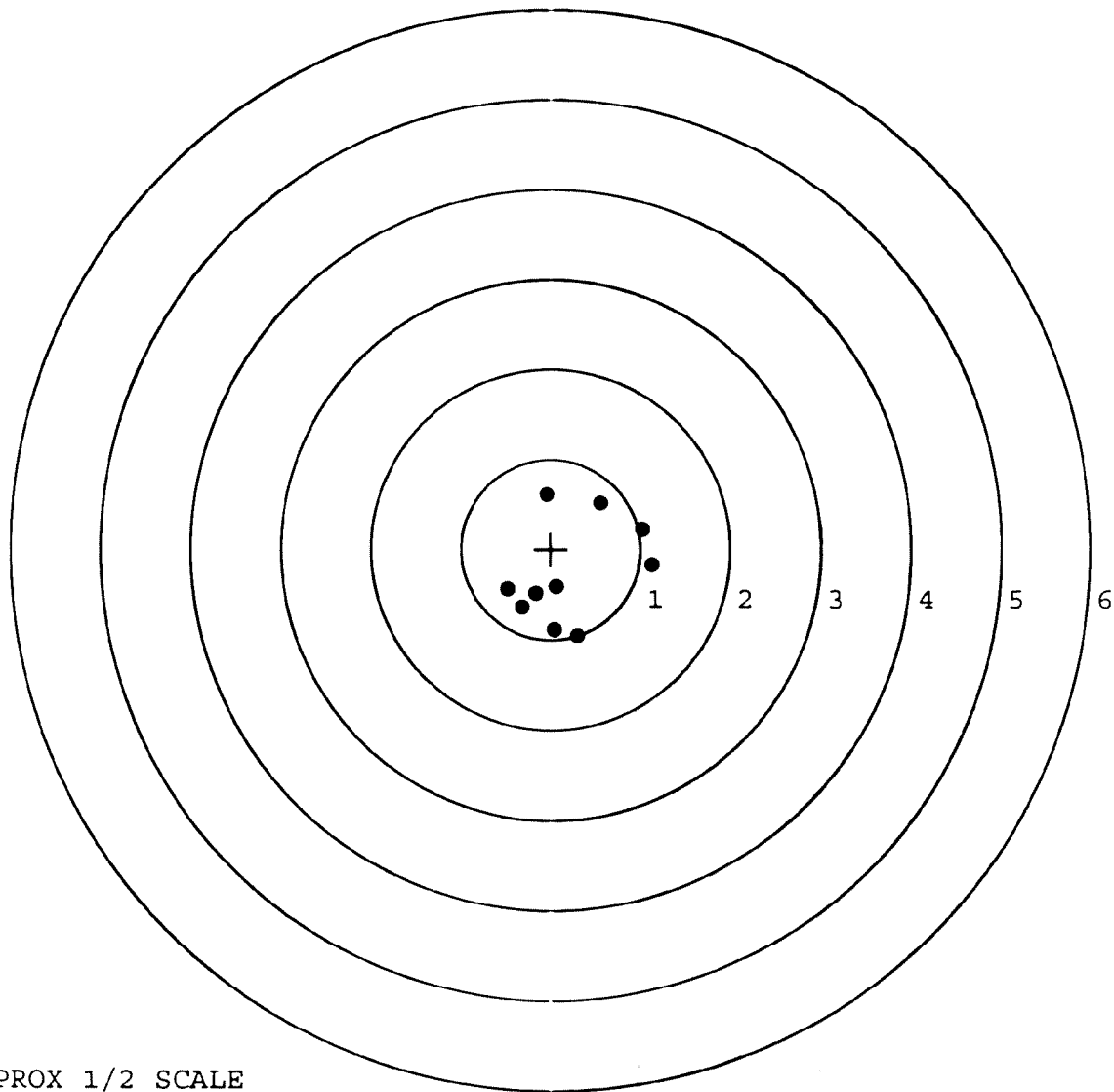


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348760. __0
TARGET NUMBER: 4
FILE DATE: 12/04/2008
FILE TIME: 14:00

POINT#	X	Y
1:	-0.051	0.612
2:	0.555	0.517
3:	1.022	0.221
4:	1.129	-0.176
5:	0.061	-0.426
6:	-0.168	-0.498
7:	-0.481	-0.451
8:	-0.325	-0.650
9:	0.041	-0.898
10:	0.305	-0.960

X CENTROID: 0.209
Y CENTROID: -0.271
POA TO CENTROID: 0.342
HORZ SPREAD: 1.610
VERT SPREAD: 1.572
GROUP SPREAD: 1.646
MIN RADIUS: 0.214
MAX RADIUS: 0.950
MEAN RADIUS: 0.702
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348760. 0

TARGET NUMBER: 5

FILE DATE: 12/04/2008

FILE TIME: 14:00

POINT#	X	Y
1:	1.016	-0.805
2:	0.901	-0.103
3:	0.752	-0.015
4:	0.102	0.547
5:	-0.215	0.881
6:	-0.802	0.639
7:	-0.823	0.457
8:	-0.528	-0.282
9:	-0.747	-0.571
10:	-0.542	-0.636

X CENTROID: -0.089

Y CENTROID: 0.011

POA TO CENTROID: 0.089

HORZ SPREAD: 1.839

VERT SPREAD: 1.686

GROUP SPREAD: 2.322

MIN RADIUS: 0.528

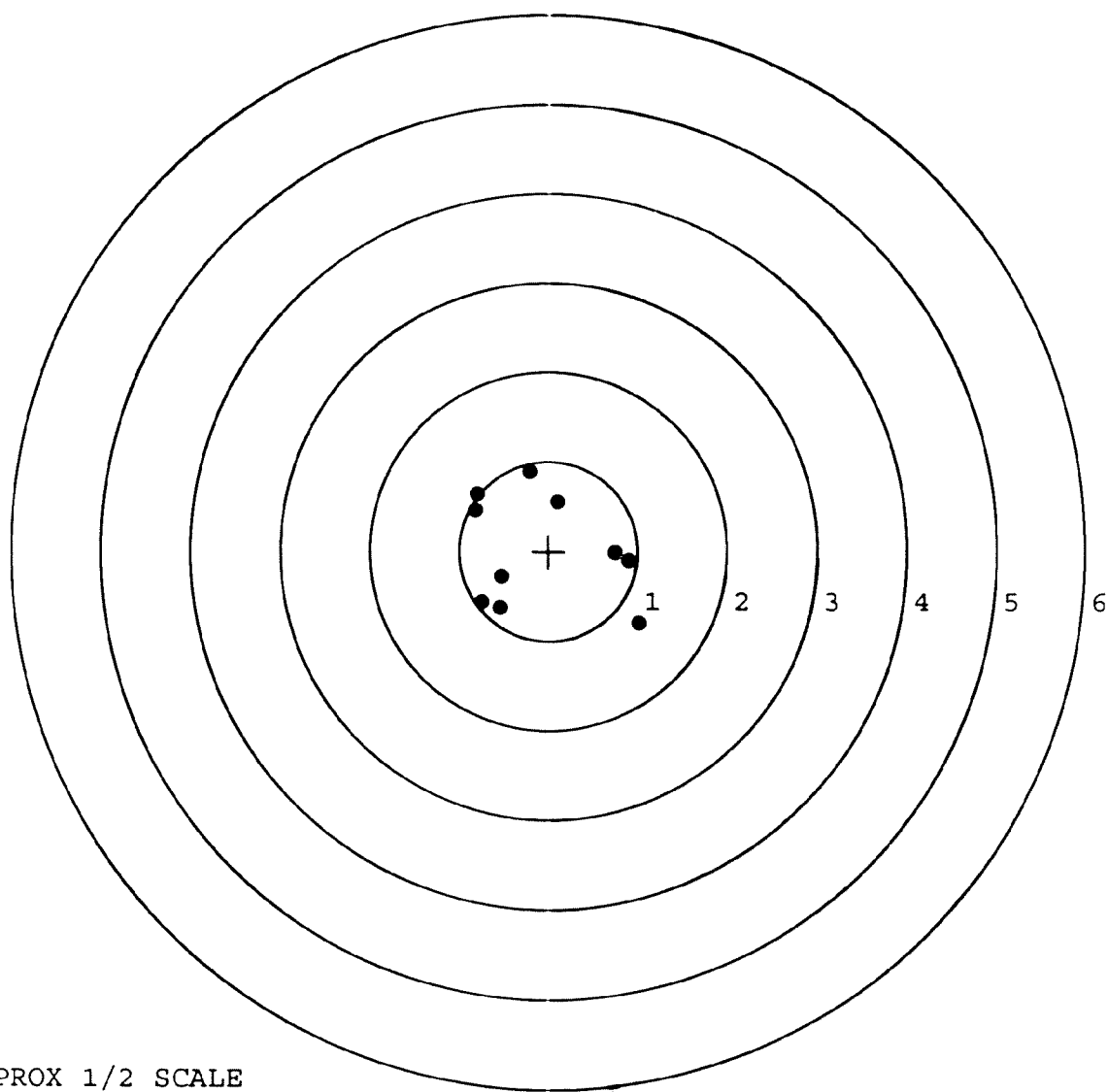
MAX RADIUS: 1.373

MEAN RADIUS: 0.867

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348760

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action	REJECTED	11/2/89	KCR
	Magnaflux Bolt		11/2/89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

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

T1

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348760

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		11-2 89	RW
600	Proof		11-2 89	AG
607	Check Headspace		11-2 89	RW
610	Dis-assemble Gun		11-2 89	RW
612	Magnaflux Barrel Action		11-9-89	KCR
	Magnaflux Bolt		11-9-89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes		11 9 89	YB
618	Polish Barrel <i>ReB</i>		11 9 89	BT
620	Apply Coatings (Barrel Action)		11-17-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/27/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/27/89	RW
	C) Inspect Ejector Hole for Chamfer		11/27/89	RW
	D) Oil Firing Pin Ass'y		11/27/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5 Dec 89	RS

op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	5	5	5	5 Dec 89	JS	
	G) Safety Off Force	3	3	3	5 Dec 89	JS	
	H) Trigger Pull Test & Retainability				5 Dec 89	JS	
	I) Firing Pin Indent	.020	.0205	.020	5 Dec 89	JS	
	J) Assemble Stock				12/6/89	RW	
	K) Assemble Swivel Studs				8 Dec 89	JS	
	L) Attach Front and Rear Sight Assemblies				12/6/89	RW	
	M) Iron Sight Alignment				12/6/89	RW	
	N) Detach Front & Rear Sights & place in numbered container				12/6/89	RW	
	O) Attach Scope to Rifle				10 Dec 89	JS	
	P) Detach & Attach Scope 20 Times				6 Dec 89	JS	
640	Gallery Target & Test				12-7-89	DH	
	A) Time				12-7-89	DH	
	B) Malfunctions				12-7-89	DH	
	C) Pierced Primers				12-7-89	DH	
	D) Optical Clarity of Scope				12-7-89	DH	
645	Inspect for Live Ammo				12-7-89	DH	
655	Final Inspection						
	A) Headspace				8 Dec 89	JS	
	B) Trigger Pull	278	270	279	277	276	8 Dec 89
	C) Function				8 Dec 89	JS	
660	Pack				13 Dec 89	JS	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6348760

DATE 4/4/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.46	2.45	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.42	2.42	
PULL #3	2.48	2.40	2.41	
PULL #4	2.26	2.38	2.34	
PULL #5	2.47	2.35	2.32	
TOTAL	12.16	12.00	11.90	
AVG.	2.43	2.40	2.38	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.16	3.20	
PULL #2	3.10	3.35	
PULL #3	3.35	3.42	
PULL #4	3.14	3.42	
PULL #5	3.38	3.40	
TOTAL	16.13	16.79	
AVG.	3.22	3.35	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.12		
PULL #2	4.21	4.16		
PULL #3	4.21	4.22		
PULL #4	4.20	4.20		
PULL #5	4.16	4.11		
TOTAL	21.00	20.81		
AVG.	4.20	4.16		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348760
7 Dec 1989

CENTROIDAL DISTANCES

0 TO	1	.185607
1 TO	2	.314084
1 TO	3	.471424
1 TO	4	.3314
1 TO	5	.41268

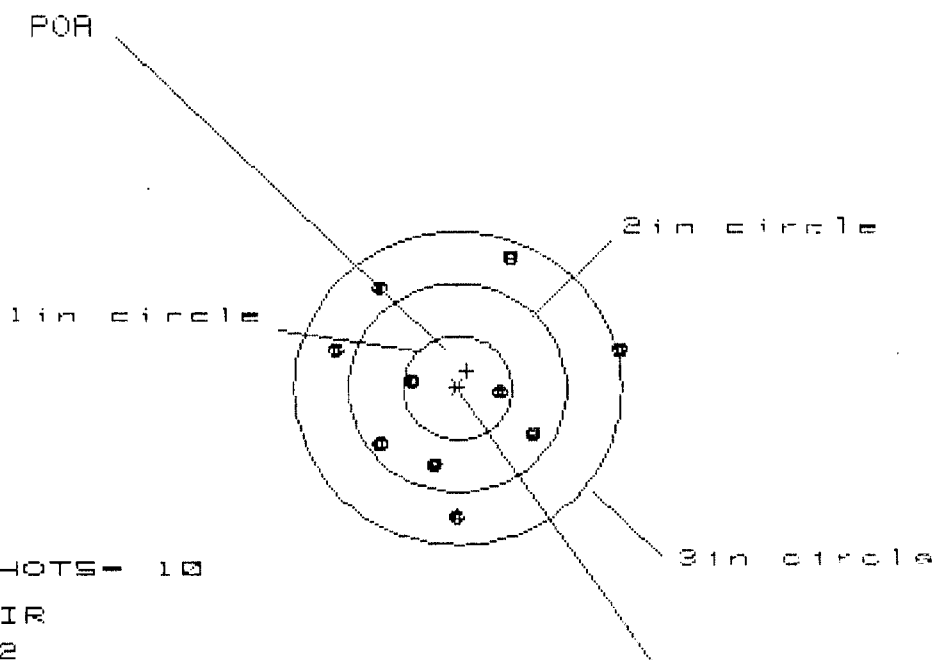
$\frac{3}{4} \frac{1}{5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1286
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.036
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .133544
THE AMR FOR THIS RIFLE IS: .8714

7 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348760

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.571

VS= 2.485

GS= 2.571

CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.488	.881	.959
MINIMUM X	:	-1.083	-.918	-.840
MAXIMUM Y	:	1.256	1.295	1.179
MINIMUM Y	:	-1.230	-1.190	-1.028
CENTROID X	:	-.085	-.250	-.328
CENTROID Y	:	-.165	-.205	-.367
POA TO CENTROID in.	:	.186	.324	.493
MIN RADIUS	:	.369	.268	.333
MEAN RADIUS	:	.965	.881	.790
MAX RADIUS	:	1.531	1.438	1.264
HORIZONTAL SPREAD	:	2.571	1.799	1.799
VERTICAL SPREAD	:	2.485	2.485	2.707
EXTREME SPREAD	:	2.571	2.524	2.320
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

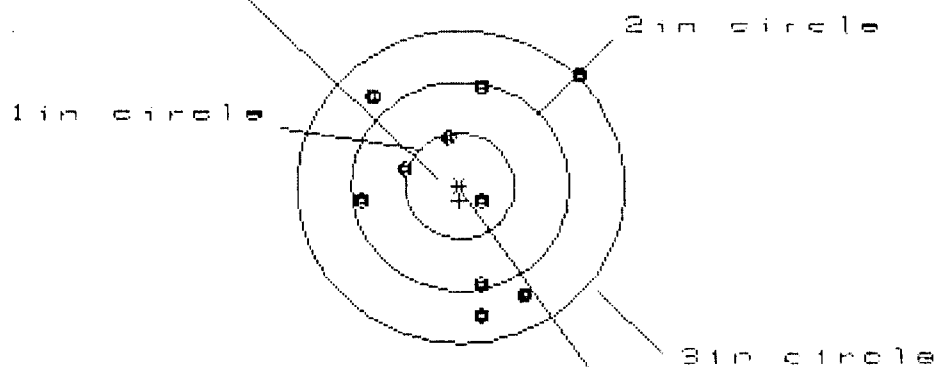
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CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 1

HS= 2.055

VS= 2.344

GS= 2.529

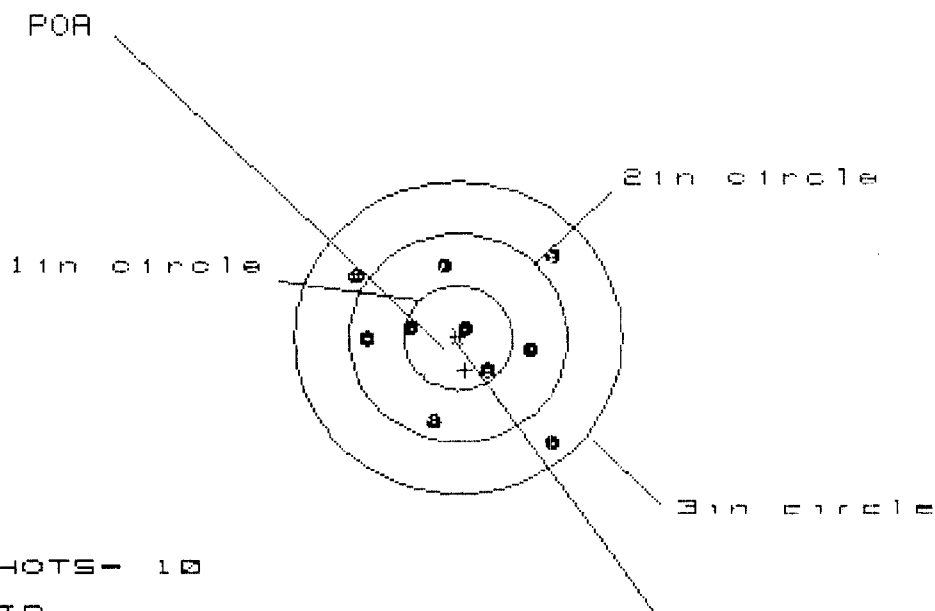
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.123	.673	.710
MINIMUM X	:	-.932	-.807	-.770
MAXIMUM Y	:	1.086	1.061	.918
MINIMUM Y	:	-1.258	-1.137	-1.016
CENTROID X	:	.008	-.117	-.154
CENTROID Y	:	.135	.014	.157
POA TO CENTROID in.	:	.135	.117	.220
MIN RADIUS	:	.206	.275	.315
MEAN RADIUS	:	.910	.829	.765
MAX RADIUS	:	1.562	1.176	1.239
HORIZONTAL SPREAD	:	2.055	1.480	1.480
VERTICAL SPREAD	:	2.344	2.198	1.934
EXTREME SPREAD	:	2.529	2.310	2.269
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 1.796

VS= 1.746

GS= 2.383

CENTROID *

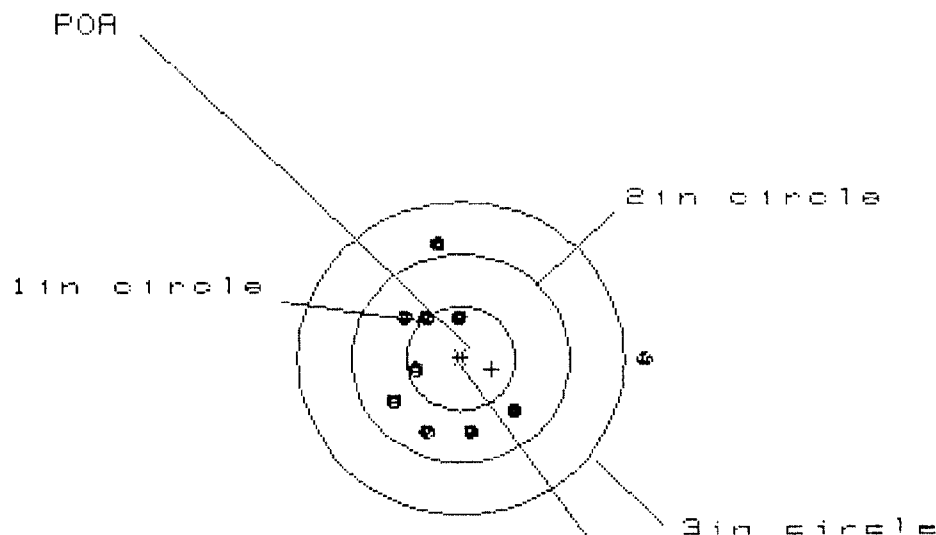
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.851	.943	.846
MINIMUM X	:	-.945	-.853	-.736
MAXIMUM Y	:	.782	.675	.677
MINIMUM Y	:	-.964	-.939	-.855
CENTROID X	:	-.065	-.157	-.274
CENTROID Y	:	.306	.413	.329
POA TO CENTROID in.	:	.313	.442	.428
MIN RADIUS	:	.097	.154	.270
MEAN RADIUS	:	.762	.701	.637
MAX RADIUS	:	1.268	1.159	.956
HORIZONTAL SPREAD	:	1.796	1.796	1.582
VERTICAL SPREAD	:	1.746	1.614	1.532
EXTREME SPREAD	:	2.383	1.972	1.760
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 9

HS = 2.329

VS = 1.792

GS = 2.357

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.710	.665	.662
MINIMUM X	:	-.619	-.429	-.432
MAXIMUM Y	:	1.090	1.089	.584
MINIMUM Y	:	-.702	-.703	-.567
CENTROID X	:	-.284	-.474	-.471
CENTROID Y	:	.100	.101	-.035
POA TO CENTROID in.	:	.301	.485	.473
MIN RADIUS	:	.378	.196	.193
MEAN RADIUS	:	.765	.617	.553
MAX RADIUS	:	1.710	1.090	.740
HORIZONTAL SPREAD	:	2.329	1.094	1.094
VERTICAL SPREAD	:	1.792	1.792	1.150
EXTREME SPREAD	:	2.357	1.816	1.309
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

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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= 2.093

VS= 1.716

GS= 2.140

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.180	1.087	1.193
MINIMUM X	:	-.913	-.782	-.646
MAXIMUM Y	:	.931	.937	.995
MINIMUM Y	:	-.785	-.779	-.721
CENTROID X	:	-.217	-.348	-.484
CENTROID Y	:	-.556	-.562	-.620
POA TO CENTROID in.	:	.597	.661	.786
MIN RADIUS	:	.700	.709	.646
MEAN RADIUS	:	.955	.913	.853
MAX RADIUS	:	1.181	1.180	1.253
HORIZONTAL SPREAD	:	2.093	1.869	1.839
VERTICAL SPREAD	:	1.716	1.716	1.716
EXTREME SPREAD	:	2.140	2.064	1.923
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

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