

C6587644

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Scope Case
Deploy Kit
Soft Case
Sling

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: RE00134715

Verify Repair

Serial: C6587644 Model M24 SWS Center Fire Caliber: 7.62 NATO

Repairman:

Status: Closed 10/1/2007 8:28:10 AM

High Priority

Address Information

Customer: ☒ Received From

Return To: ☐ Received From

Name: TRANSPORTATION OFFICER

Address 1: XR WOK8 USA ROCK ISL ARSENAL

Address 2: BLDG 299 GILLESPIE AVE BECK PO Box:

City: ROCK ISLAND

State: IL Zip Code: 61299 Country: US

Name: TRANSPORTATION OFFICER

Address 1: XR WOK8 USA ROCK ISL ARSENAL

Address 2: BLDG 299 GILLESPIE AVE BECK PO Box:

City: ROCK ISLAND

State: IL Zip Code: 61299 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
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

10/1/2007

8:34 AM

CAPS

NUM

INS

SCRL

start

5 Micros...

6 Intern...

5 Micros...

Part Search...

Arms Servi...

8:34 AM

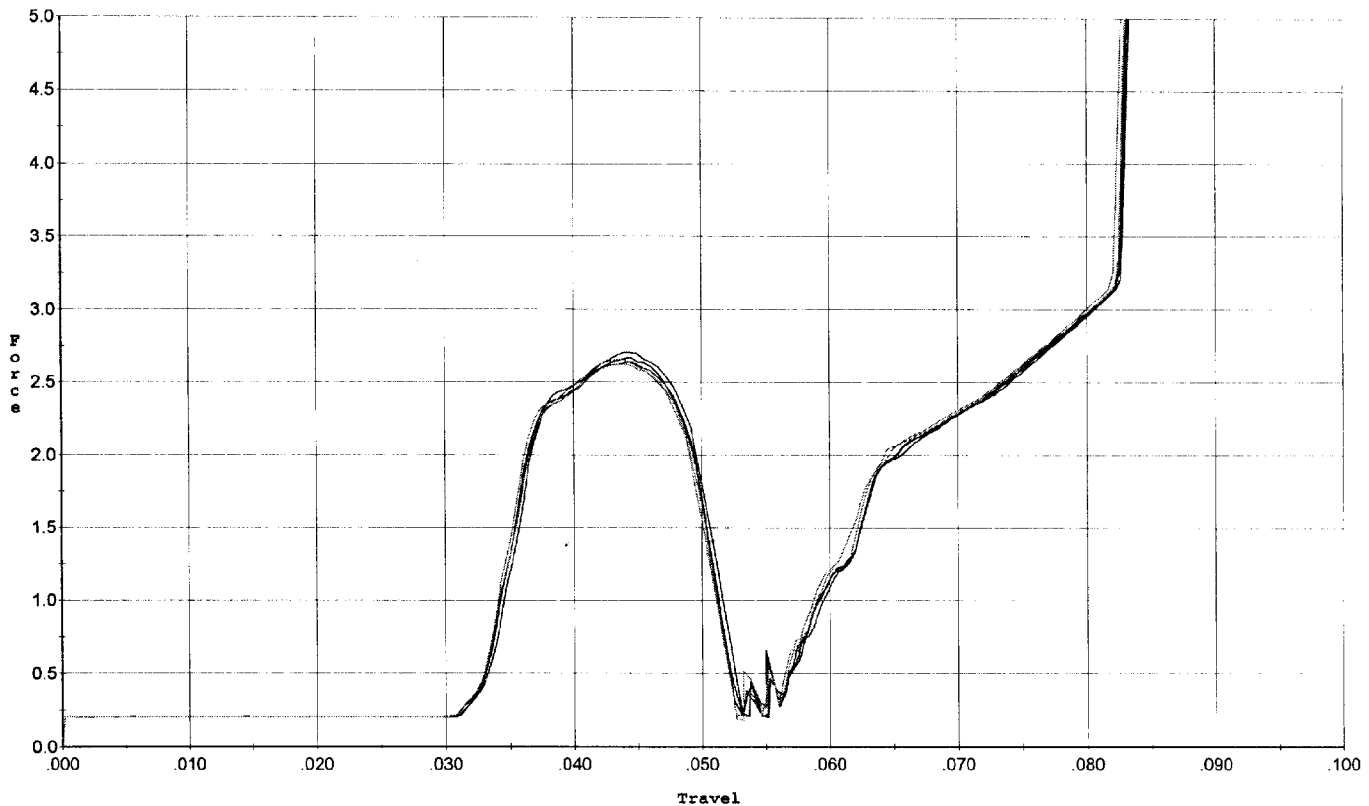
Serial Number: **C6587644**
Model: **M24 SWS**

RE00134715

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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



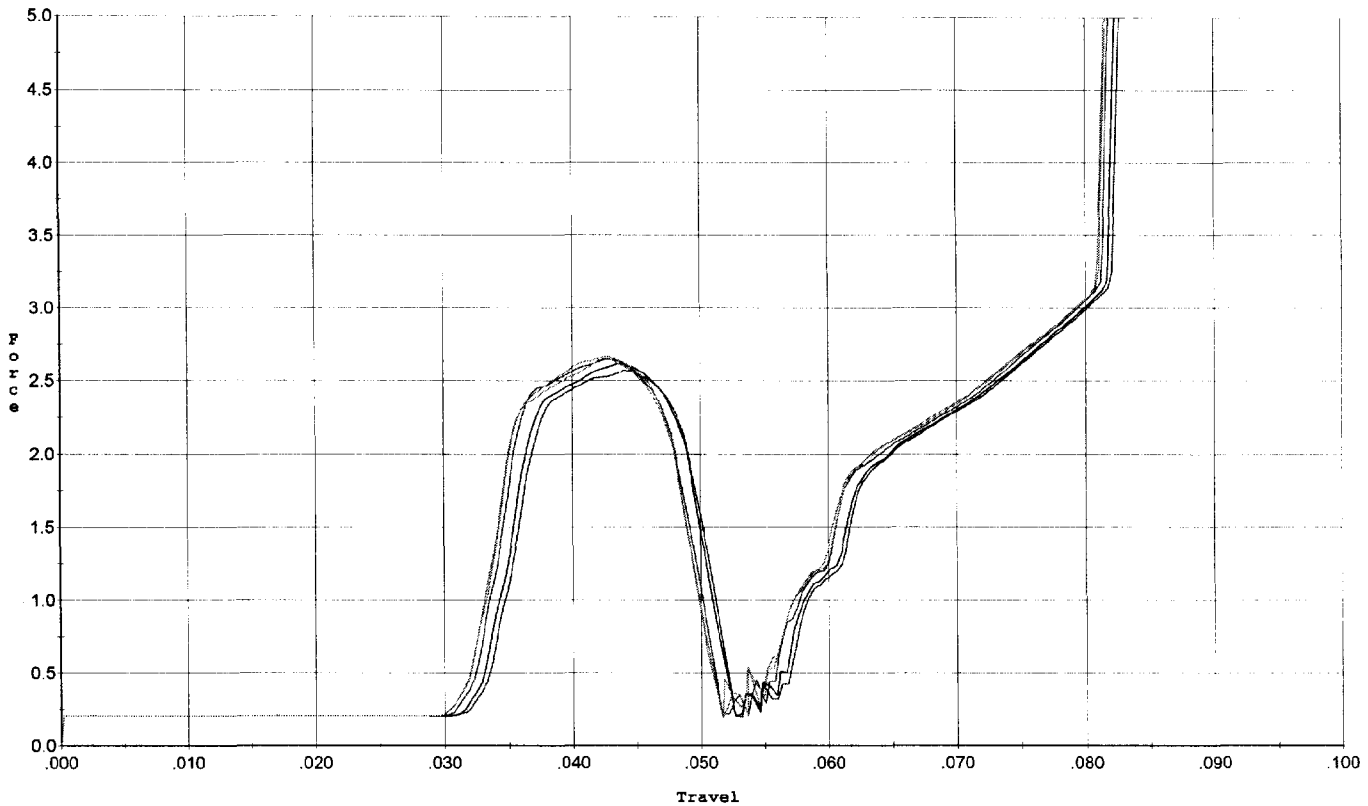
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.702	0.051	0.033	0.037	0.045		Set Trigger
2	2.669	0.050	0.033	0.037	0.044		Set Trigger
3	2.639	0.049	0.033	0.037	0.044		Set Trigger
4	2.621	0.050	0.033	0.037	0.044		Set Trigger
5	2.656	0.050	0.032	0.037	0.045		Set Trigger

AVG 2.65

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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



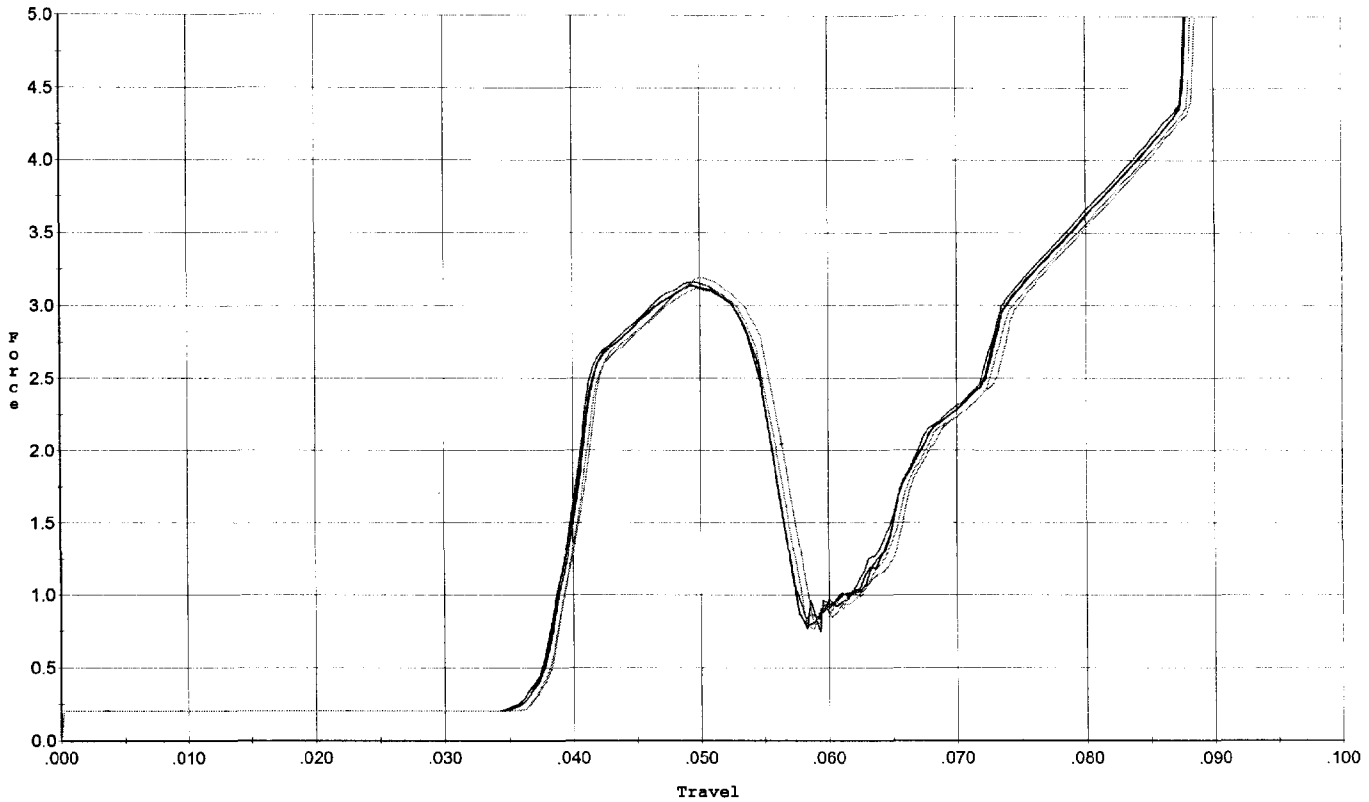
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.569	0.050	0.033	0.037	0.043		Set Trigger
2	2.616	0.049	0.032	0.037	0.043		Set Trigger
3	2.647	0.049	0.031	0.036	0.044		Set Trigger
4	2.664	0.048	0.031	0.037	0.043		Set Trigger
5	2.652	0.048	0.031	0.037	0.043		Set Trigger

Avg 2.63

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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



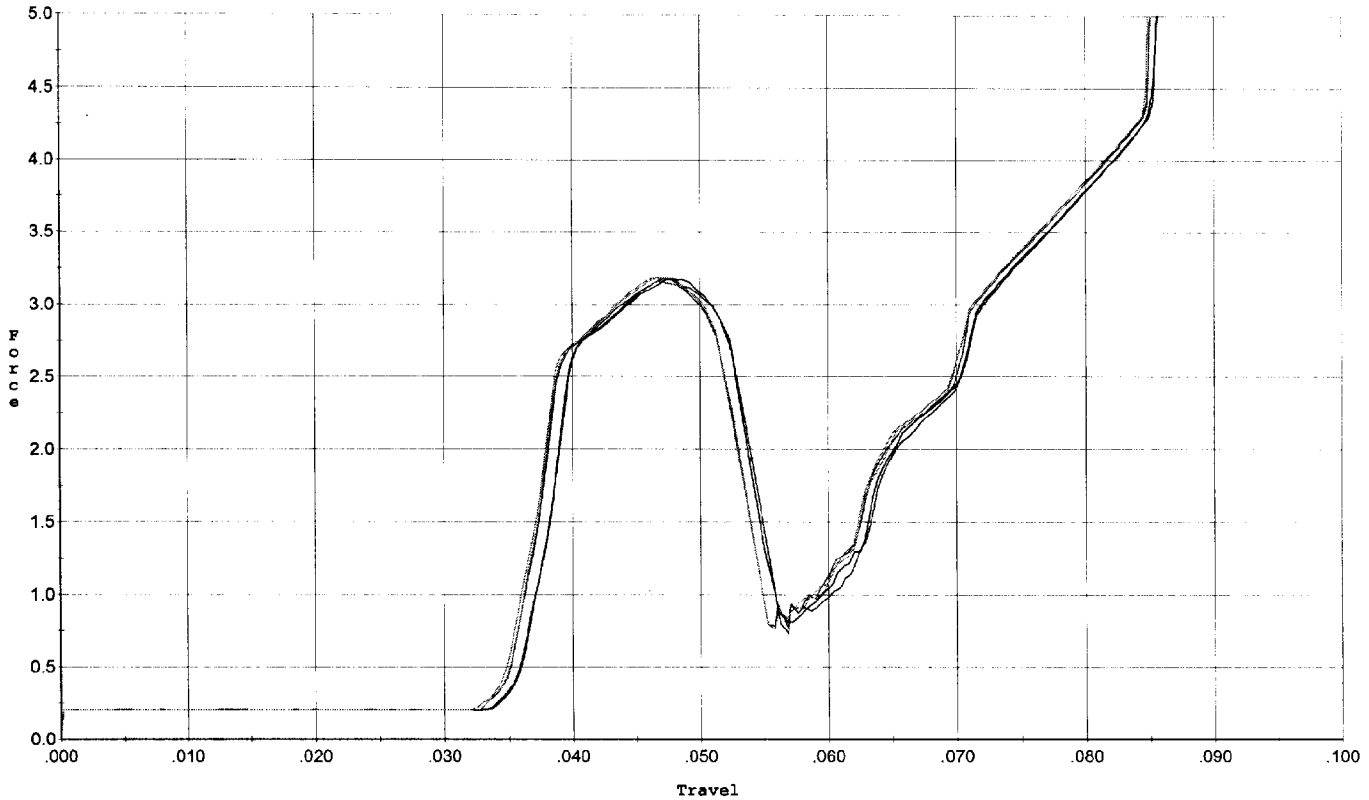
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.135	0.055	0.038	0.038	0.053		Set Trigger
2	3.143	0.055	0.036	0.038	0.054		Set Trigger
3	3.162	0.055	0.037	0.038	0.054		Set Trigger
4	3.121	0.056	0.037	0.038	0.054		Set Trigger
5	3.192	0.056	0.037	0.038	0.056		Set Trigger

Avg 3.15

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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



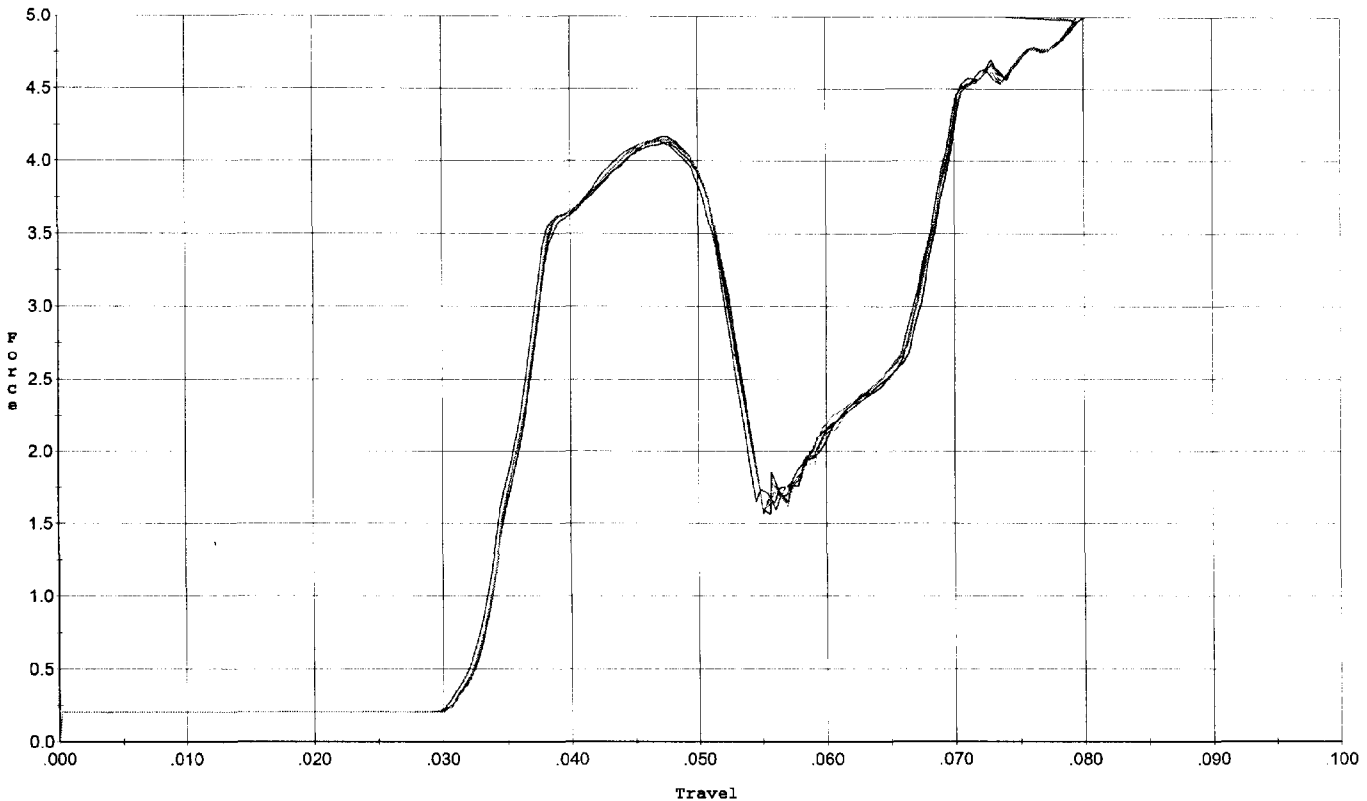
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.172	0.054	0.036	0.037	0.055		Set Trigger
2	3.180	0.052	0.036	0.037	0.053		Set Trigger
3	3.158	0.053	0.035	0.037	0.054		Set Trigger
4	3.182	0.053	0.035	0.037	0.054		Set Trigger
5	3.187	0.053	0.034	0.037	0.055		Set Trigger

Avg 3.17

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 9/27/07

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



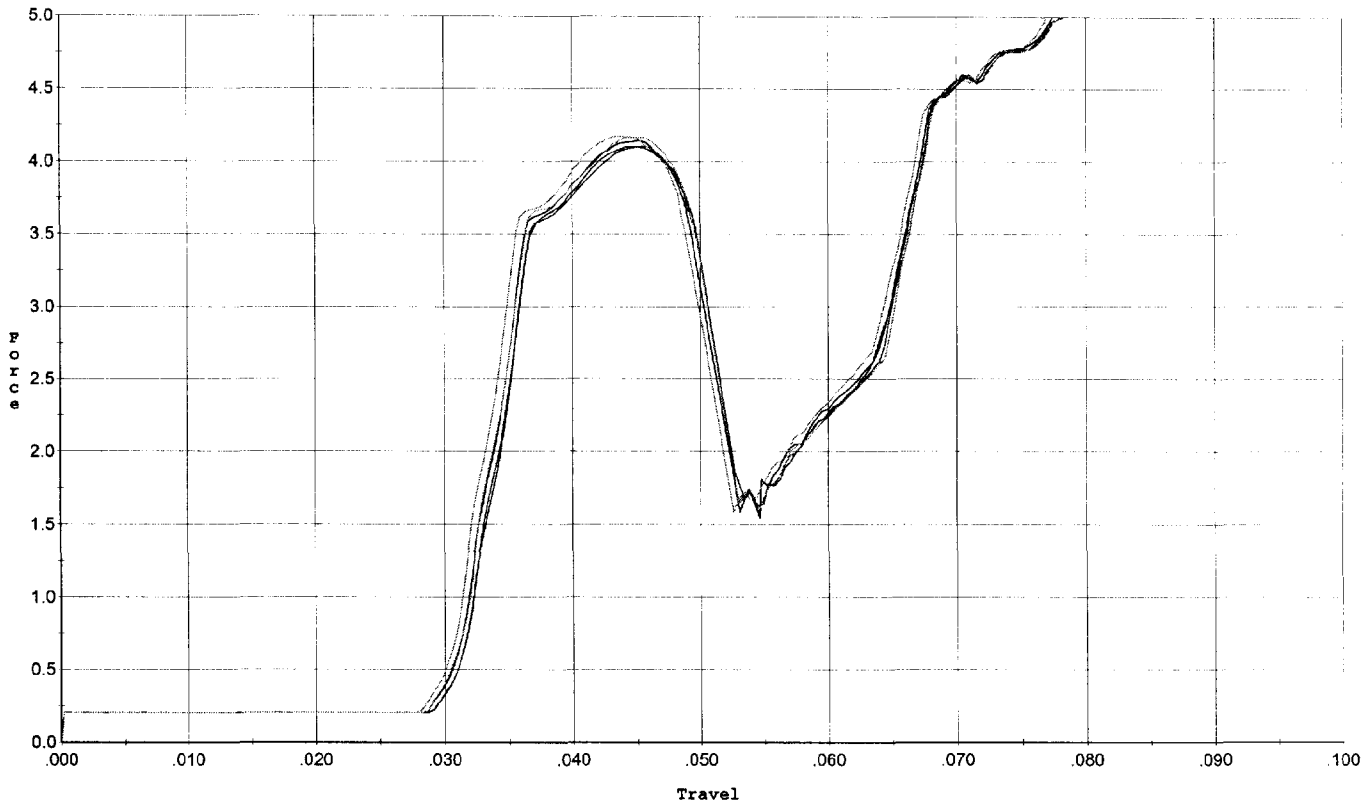
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.126	0.053	0.031	0.034	0.074		Set Trigger
2	4.166	0.052	0.031	0.034	0.073		Set Trigger
3	4.139	0.051	0.031	0.035	0.072		Set Trigger
4	4.153	0.053	0.032	0.034	0.074		Set Trigger
5	4.143	0.052	0.032	0.034	0.074		Set Trigger

AVG 4.14

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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



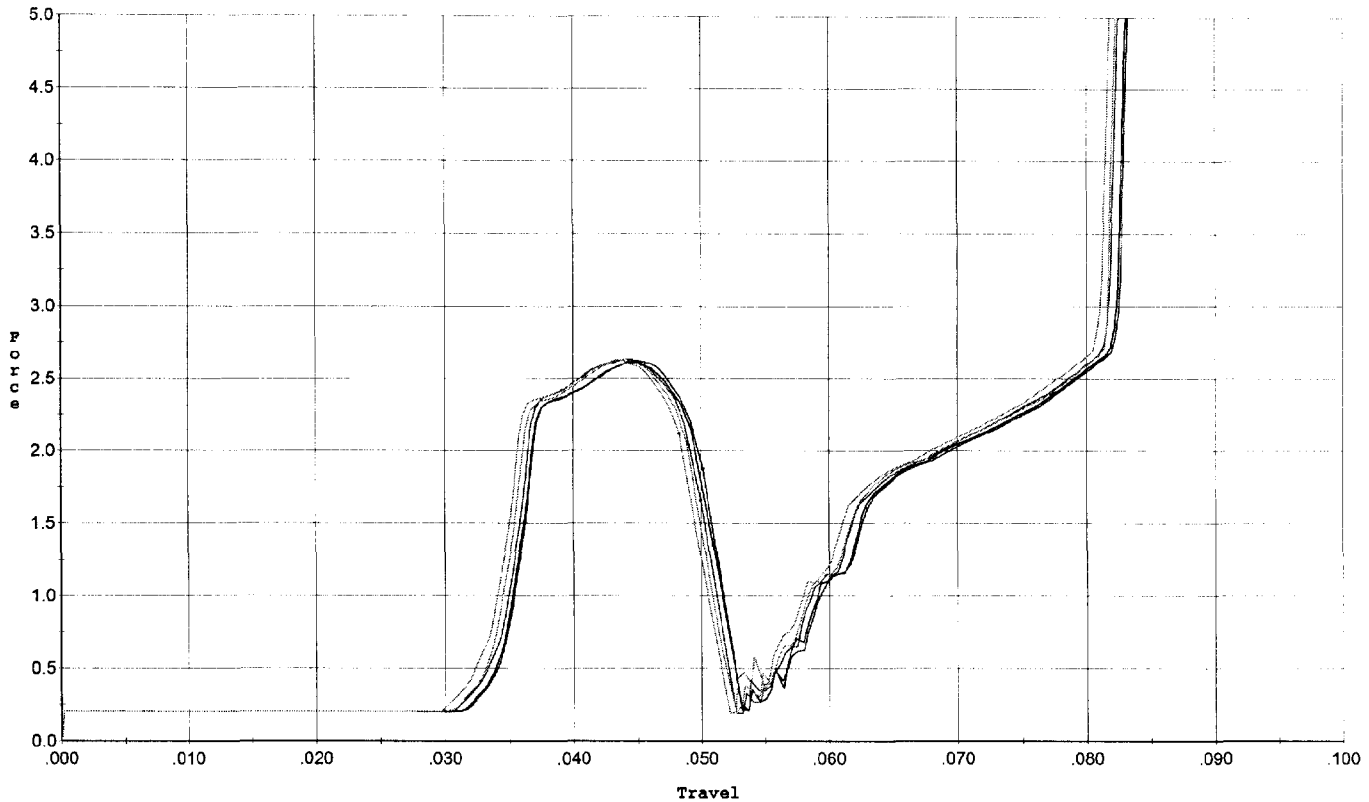
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.100	0.050	0.030	0.034	0.070		Set Trigger
2	4.144	0.049	0.029	0.034	0.070		Set Trigger
3	4.105	0.050	0.030	0.034	0.070		Set Trigger
4	4.168	0.050	0.029	0.034	0.072		Set Trigger
5	4.173	0.050	0.029	0.033	0.073		Set Trigger

Avg 4.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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



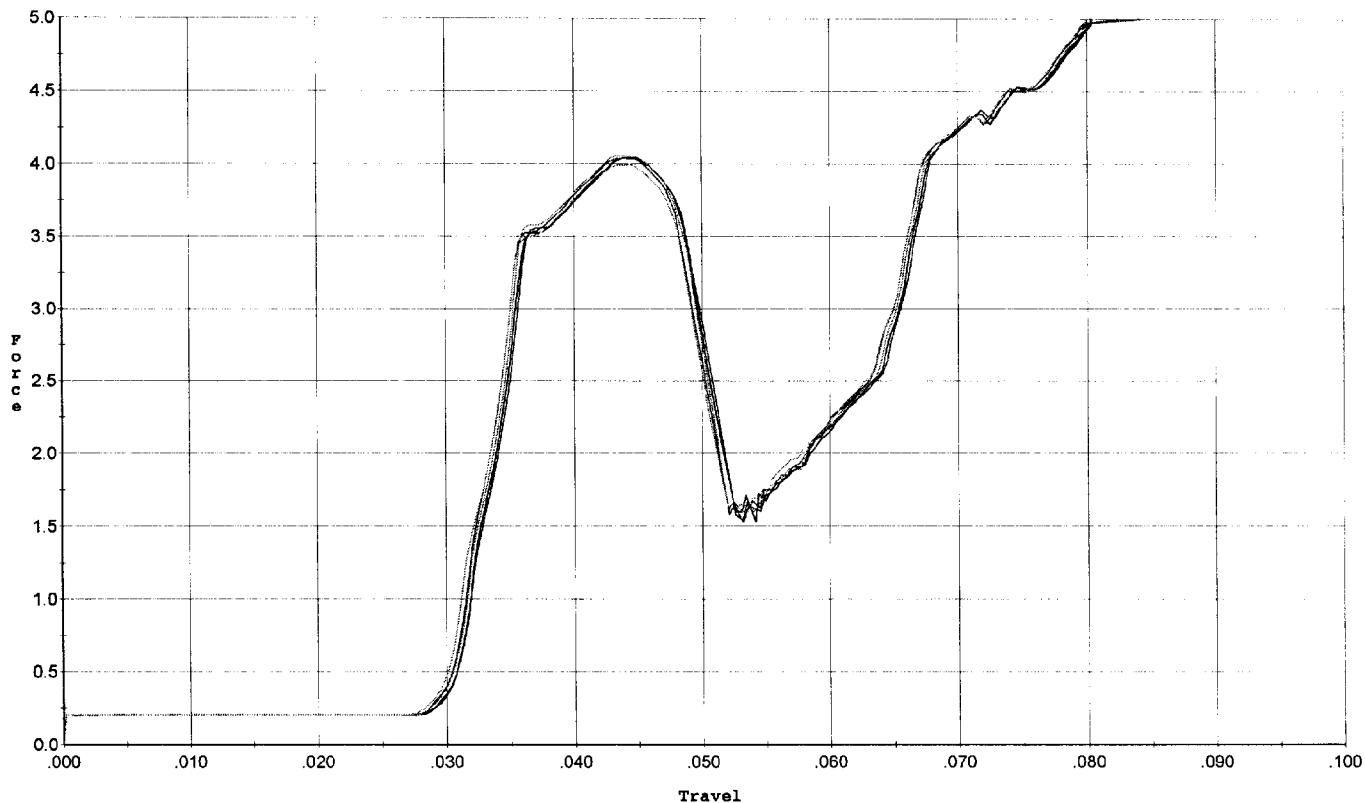
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.628	0.050	0.034	0.037	0.043		Set Trigger
2	2.612	0.051	0.034	0.037	0.044		Set Trigger
3	2.636	0.050	0.033	0.036	0.044		Set Trigger
4	2.635	0.049	0.033	0.037	0.043		Set Trigger
5	2.631	0.048	0.032	0.036	0.043		Set Trigger

Avg 2.62

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/27/07

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	4.042	0.050	0.030	0.034	0.070		Set Trigger
2	4.040	0.049	0.030	0.034	0.067		Set Trigger
3	4.044	0.050	0.030	0.033	0.070		Set Trigger
4	3.997	0.048	0.030	0.034	0.067		Set Trigger
5	4.060	0.049	0.030	0.034	0.068		Set Trigger

Avg 4.03

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587644.___0
FILE DATE AND TIME: 10/15/2007 14:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.035
The Average Y Centroid of the Five Target Set:	-0.067
The Average Point of Impact of the Five Target Set:	0.075
The Average Mean Radius of the Five Target Set:	0.724
The Distance from POA to Centroid Target #1:	0.052
The Distance from Centroid Target #2 to Centroid Target #1:	0.192
The Distance from Centroid Target #3 to Centroid Target #1:	0.136
The Distance from Centroid Target #4 to Centroid Target #1:	0.034
The Distance from Centroid Target #5 to Centroid Target #1:	0.198

BARBER - M24 0024344

SERIAL NUMBER: C6587644. __ 0

TARGET NUMBER: 1

FILE DATE: 10/15/2007

FILE TIME: 14:47

X CENTROID: -0.052

Y CENTROID: 0.005

POA TO CENTROID: 0.052

HORZ SPREAD: 2.148

VERT SPREAD: 2.190

GROUP SPREAD: 2.642

MIN RADIUS: 0.290

MAX RADIUS: 1.617

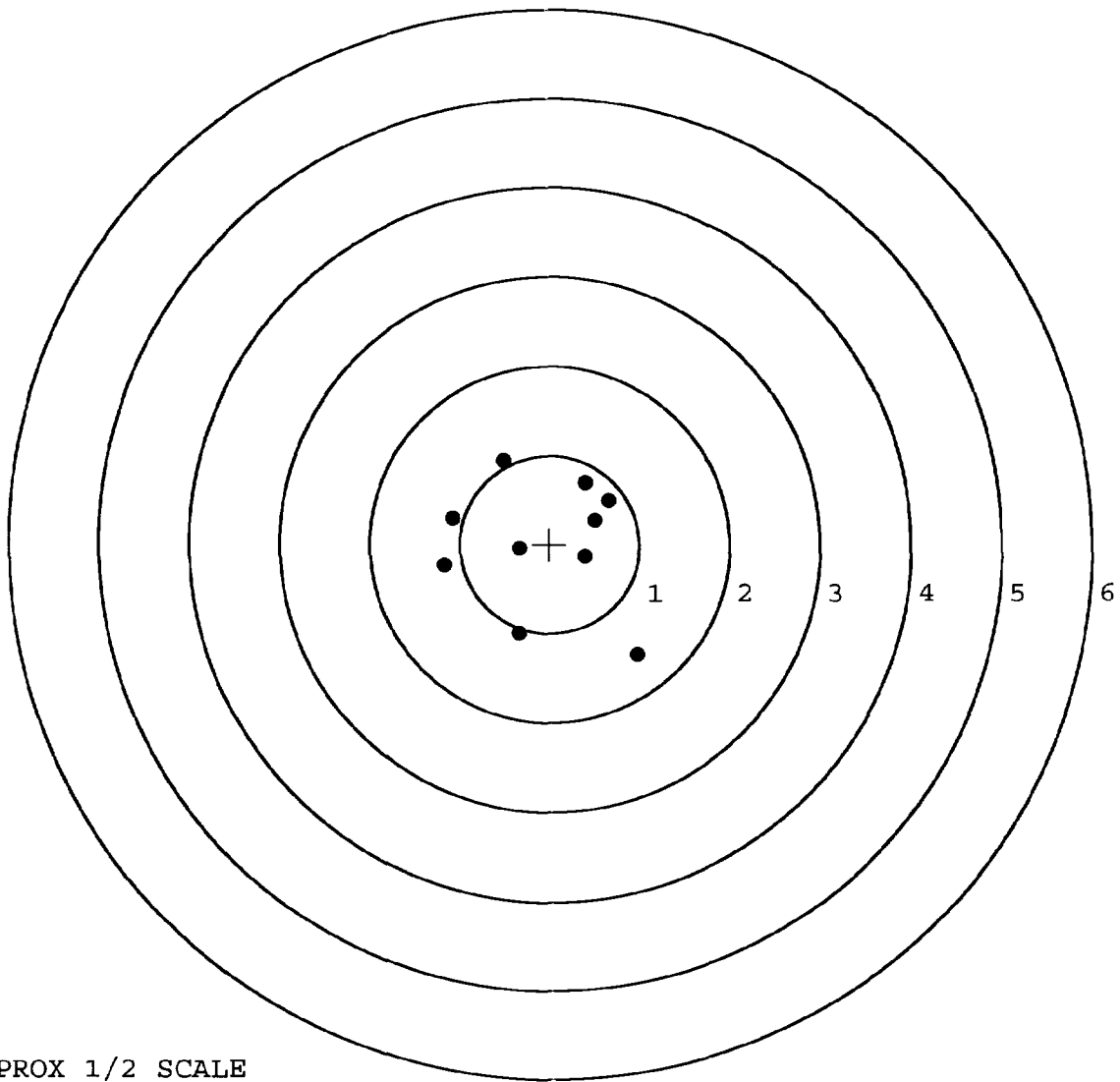
MEAN RADIUS: 0.900

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

IN 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.969	-1.249
2:	-0.350	-1.001
3:	0.387	-0.140
4:	-0.338	-0.040
5:	-0.509	0.941
6:	-1.076	0.303
7:	-1.179	-0.236
8:	0.401	0.694
9:	0.664	0.499
10:	0.512	0.276



TARGET APPROX 1/2 SCALE

BARBER - M24 0024345

SERIAL NUMBER: C6587644. __0

TARGET NUMBER: 2

FILE DATE: 10/15/2007

FILE TIME: 14:47

X CENTROID: -0.128

Y CENTROID: -0.172

POA TO CENTROID: 0.214

HORZ SPREAD: 1.878

VERT SPREAD: 2.062

GROUP SPREAD: 2.518

MIN RADIUS: 0.120

MAX RADIUS: 1.336

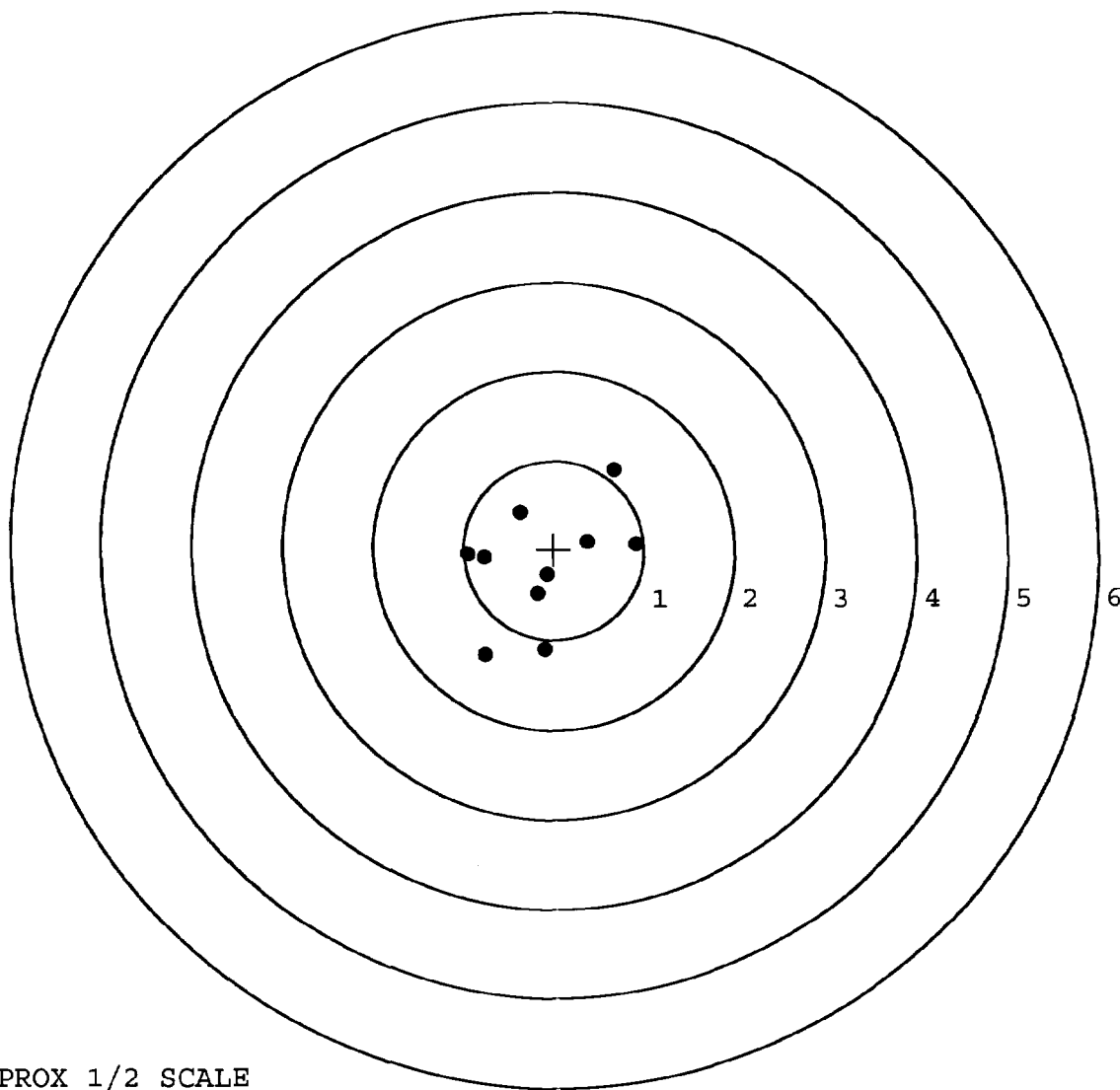
MEAN RADIUS: 0.768

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.110	-1.107
2:	-0.768	-1.168
3:	-0.187	-0.491
4:	-0.085	-0.284
5:	-0.960	-0.051
6:	-0.371	0.426
7:	0.376	0.088
8:	0.918	0.064
9:	0.677	0.894
10:	-0.774	-0.088



TARGET APPROX 1/2 SCALE

BARBER - M24 0024346

SERIAL NUMBER: C6587644.____0

TARGET NUMBER: 3

FILE DATE: 10/15/2007

FILE TIME: 14:47

X CENTROID: -0.061

Y CENTROID: -0.131

POA TO CENTROID: 0.145

HORZ SPREAD: 1.758

VERT SPREAD: 1.670

GROUP SPREAD: 1.928

MIN RADIUS: 0.049

MAX RADIUS: 1.088

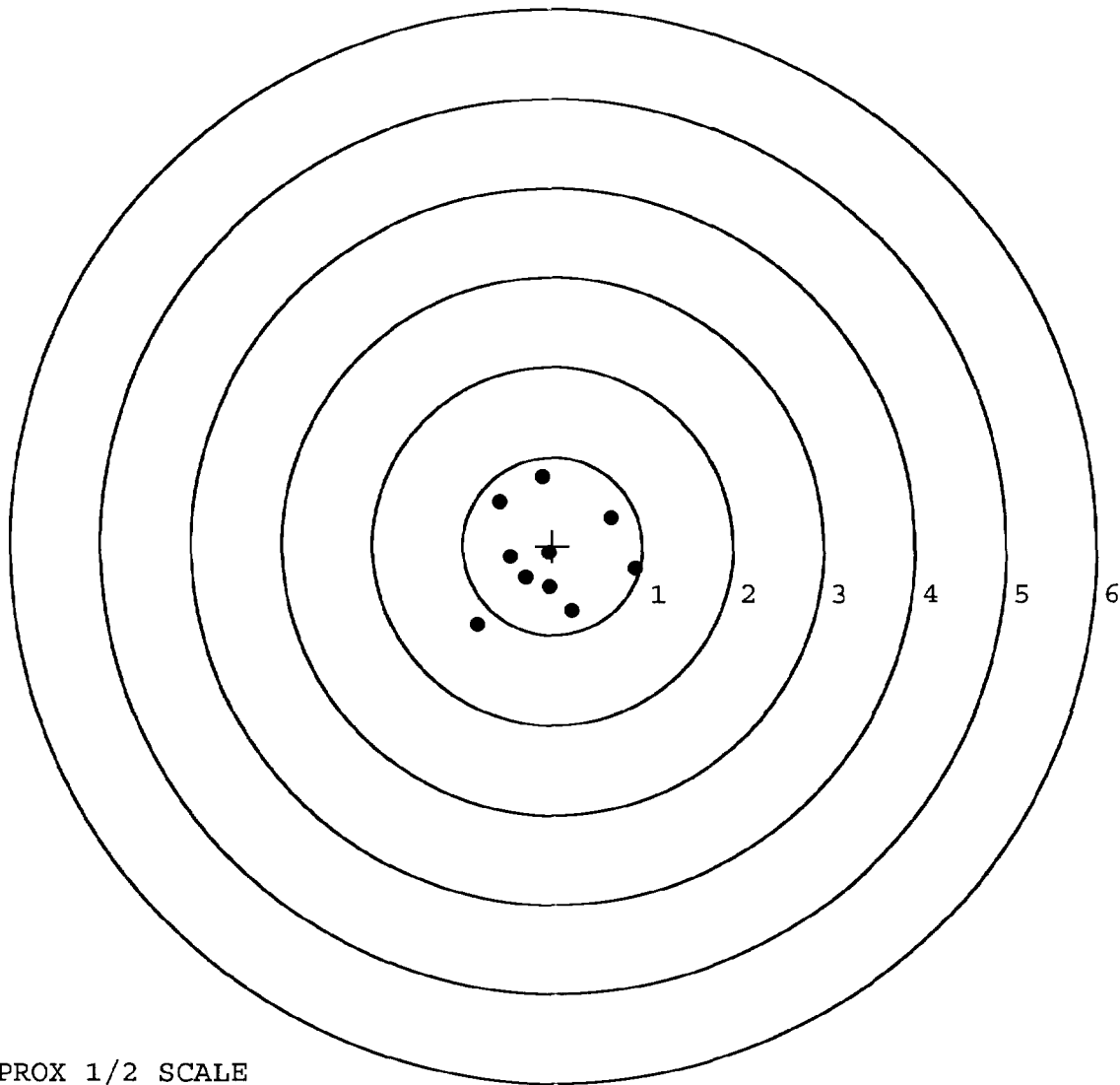
MEAN RADIUS: 0.645

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.917	-0.264
2:	0.660	0.320
3:	0.208	-0.735
4:	-0.841	-0.890
5:	-0.580	0.503
6:	-0.107	0.780
7:	-0.040	-0.466
8:	-0.045	-0.085
9:	-0.304	-0.356
10:	-0.477	-0.121



TARGET APPROX 1/2 SCALE

BARBER - M24 0024347

SERIAL NUMBER: C6587644. __ 0

TARGET NUMBER: 4

FILE DATE: 10/15/2007

FILE TIME: 14:47

X CENTROID: -0.079

Y CENTROID: -0.016

POA TO CENTROID: 0.080

HORZ SPREAD: 2.188

VERT SPREAD: 1.394

GROUP SPREAD: 2.373

MIN RADIUS: 0.268

MAX RADIUS: 1.320

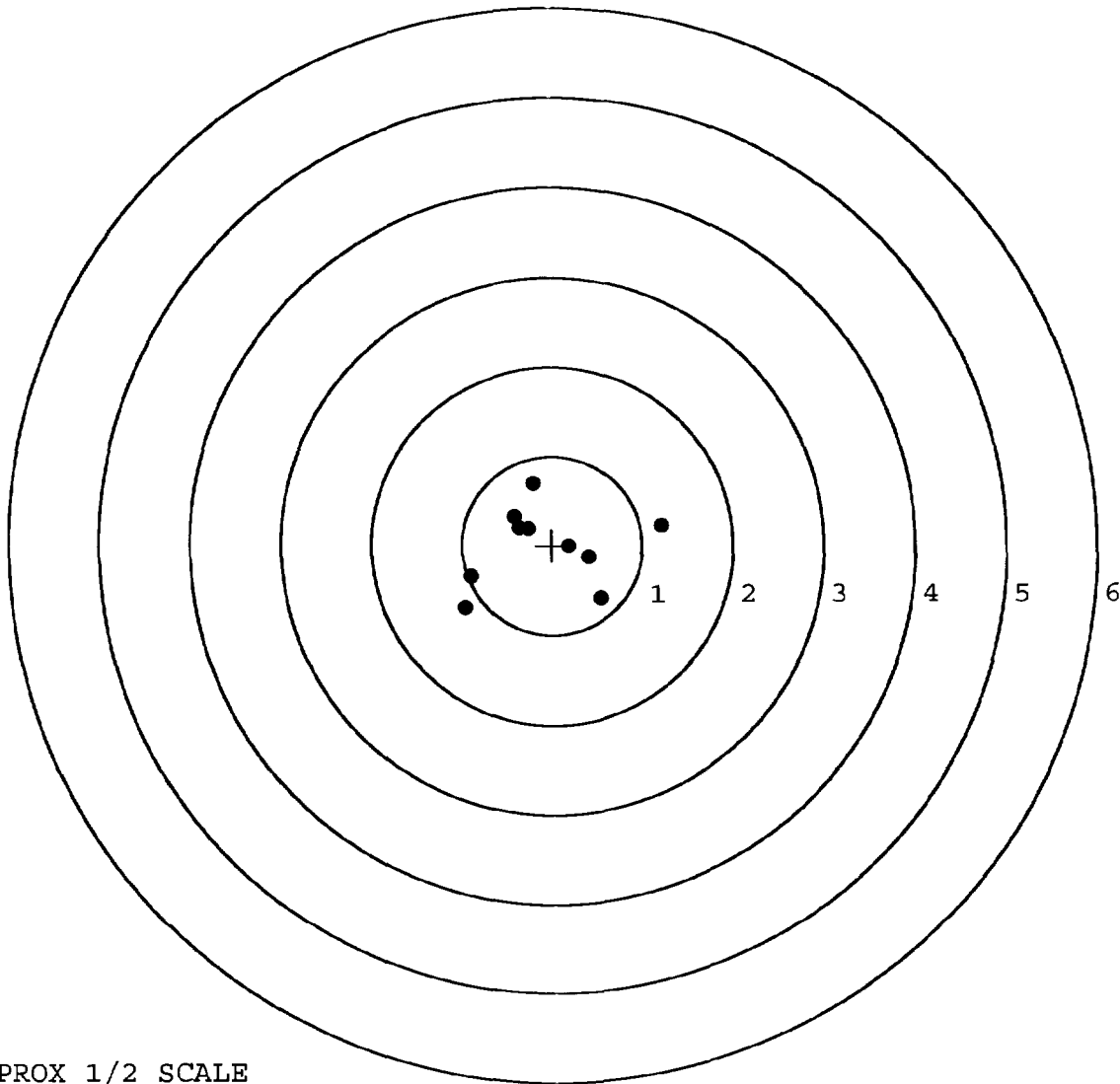
MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.220	0.223
2:	0.535	-0.596
3:	0.403	-0.137
4:	0.189	-0.013
5:	-0.265	0.191
6:	-0.419	0.321
7:	-0.210	0.698
8:	-0.905	-0.350
9:	-0.968	-0.696
10:	-0.365	0.200



TARGET APPROX 1/2 SCALE

BARBER - M24 0024348

SERIAL NUMBER: C6587644. __ 0

TARGET NUMBER: 5

FILE DATE: 10/15/2007

FILE TIME: 14:47

X CENTROID: 0.144

Y CENTROID: -0.020

POA TO CENTROID: 0.146

HORZ SPREAD: 1.711

VERT SPREAD: 1.496

GROUP SPREAD: 1.757

MIN RADIUS: 0.280

MAX RADIUS: 1.119

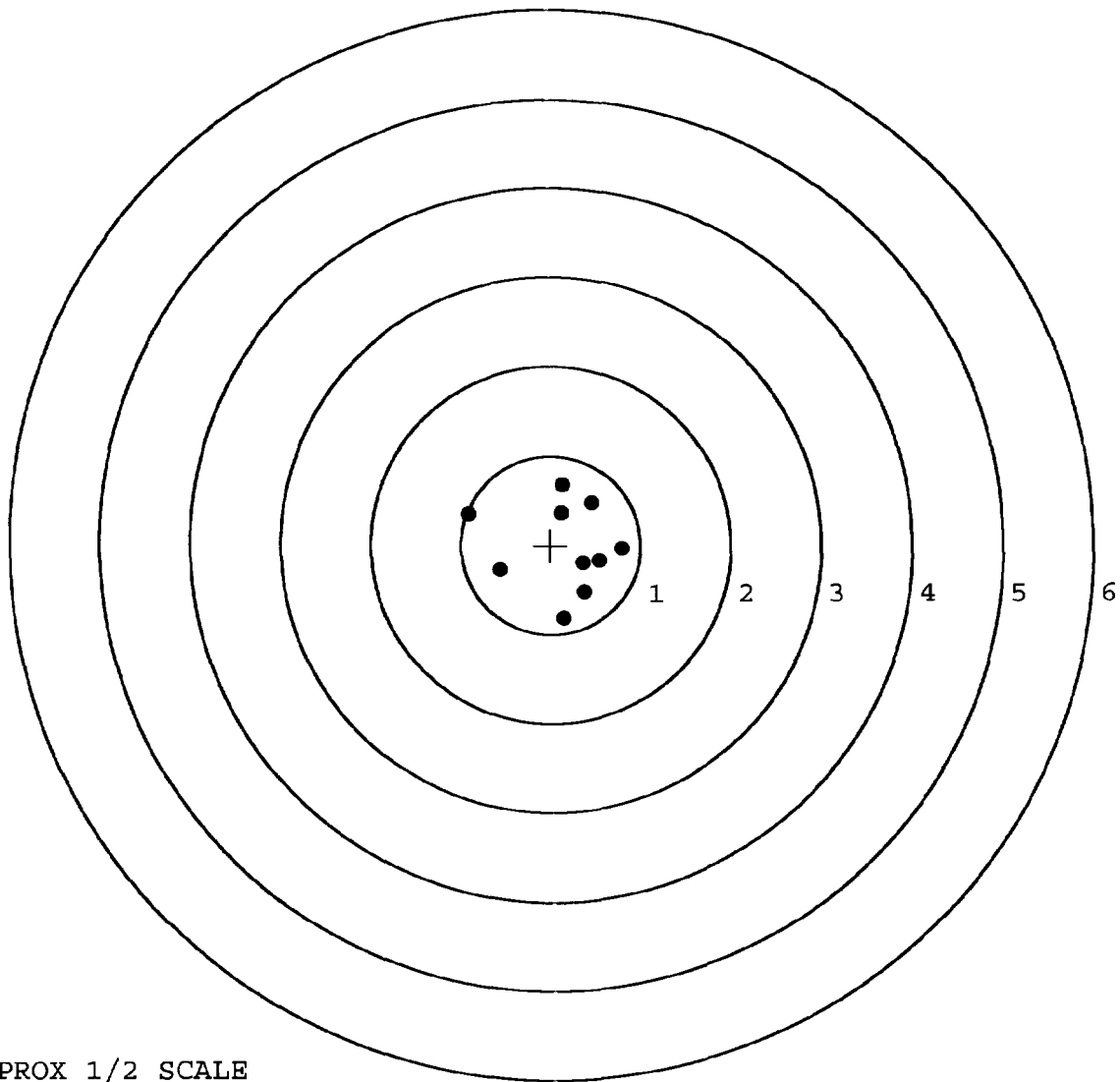
MEAN RADIUS: 0.627

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.142	-0.822
2:	-0.573	-0.283
3:	-0.911	0.354
4:	0.800	-0.046
5:	0.535	-0.178
6:	0.359	-0.200
7:	0.368	-0.533
8:	0.462	0.475
9:	0.122	0.362
10:	0.138	0.674



TARGET APPROX 1/2 SCALE

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

R & E NUMBER

184715

SERIAL NUMBER

C6587644

LOG-IN DATE

8-22-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-1-07	RTZ
505	RE-BARREL	10-3-07	RTZ
560	ASSEMBLE	10-3-07	RTZ
600	PROOF	10-4-07	TRW
605	CHECK HEADSPACE	10-4-07	TRW
610	DIS-ASSEMBLE GUN	10-4-07	TRW
612	MAGNAFLUX	10/5/07	WMB
510	DRILL AND TAP	10-5-07	FM
615	ROLLMARK CALIBER	10-5-07	CW
618	ROTO-BLAST	10-8-07	YU
620	APPLY COATINGS	10/9/07	RTZ
625	FINAL ASSEMBLY	10-12-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	10-15-07 TRW
650	TARGET	(PASS) FAIL	10-15-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	236 2.17 2.48 2.14 2.24	10/19/07
680	F) SAFETY ON FORCE	4.5 5.2 5.2	10-22-07 RA
	G) SAFETY OFF FORCE	3.9 3.5 3.5	10-22-07 RA
	I) FIRING PIN INDENT	0.0235 0.0235 0.0235	10-22-07 RA
690	PACK		10-22-07 RA

Remington®

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

DUPONT
REG. U.S. PAT. & TM. OFF.

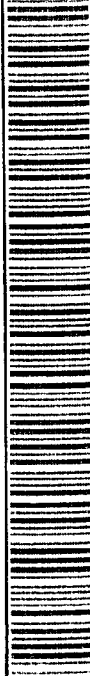
MODEL 700™ M24

SERIAL NO.
C6587644

ORDER NO.
5716

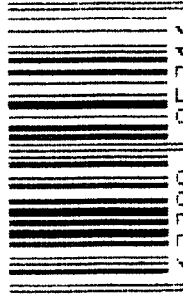
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MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.



5716 C6587644

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587644

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1024	50	RW
600	Proof	1024	50	RW
607	Check Headspace	1024	50	RW
610	Dis-assemble Gun	1024	50	RW
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes		11/5/90	LB
618	Polish Barrel AB		11/6/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/14/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-4-91	DH

op. #	OP NAME	READINGS					DATE	INIT
	BARBER - M24 0024352							
625 cont.	F) Safety On Force	4.0	4.0	4.25	4.25	4.25	1/12/91	KJ
	G) Safety Off Force	2.25	2.25	2.25	2.25	2.25	1/17/91	KJ
	H) Trigger Pull Test & Retainability						1-4-91	DH
	I) Firing Pin Indent	0.20	.020	.020	.020	.020	4/3/91	KJ
	J) Assemble Stock						1/17/91	RW
	K) Assemble Swivel Studs						2-1-91	K
	L) Attach Front and Rear Sight Assemblies						1/17/91	RW
	M) Iron Sight Alignment						1/17/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/17/91	RW
	O) Attach Scope to Rifle						1/17/91	RW
	P) Detach & Attach Scope 20 Times						1/17/91	RW
640	Gallery Target & Test						1-18-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						1-18-91	NF
655	Final Inspection							
	A) Headspace						2-1-91	K
	B) Trigger Pull	2.49	2.48	2.51	2.54	2.51	1-23-91	JH
	C) Function						2-1-91	K
660	Pack						3-19-91	NF

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

SERIAL NO. C6587644DATE 1-4-91TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.41	2.45	2.52	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.48	2.52	2.48	
PULL #3	2.51	2.43	2.53	2.51	
PULL #4	2.48	2.45	2.57	2.54	
PULL #5	2.48	2.07	2.59	2.51	
TOTAL	12.40	11.88	12.73		
AVG.	2.48	2.37	2.54		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.18		
PULL #2	3.30	3.15		
PULL #3	3.26	3.14		
PULL #4	3.16	3.17		
PULL #5	3.40	3.20		
TOTAL	16.38	15.84		
AVG.	3.27	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.40		4.20
PULL #2	4.30	4.43		4.08
PULL #3	4.39	4.33		4.19
PULL #4	4.35	4.20		4.17
PULL #5	4.29	4.31		4.06
TOTAL	21.62	21.73		20.70
AVG.	4.32	4.34		4.14

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587644
19 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.139431
1 TO	2	.155824
1 TO	3	.125936
1 TO	4	.202704
1 TO	5	.34056

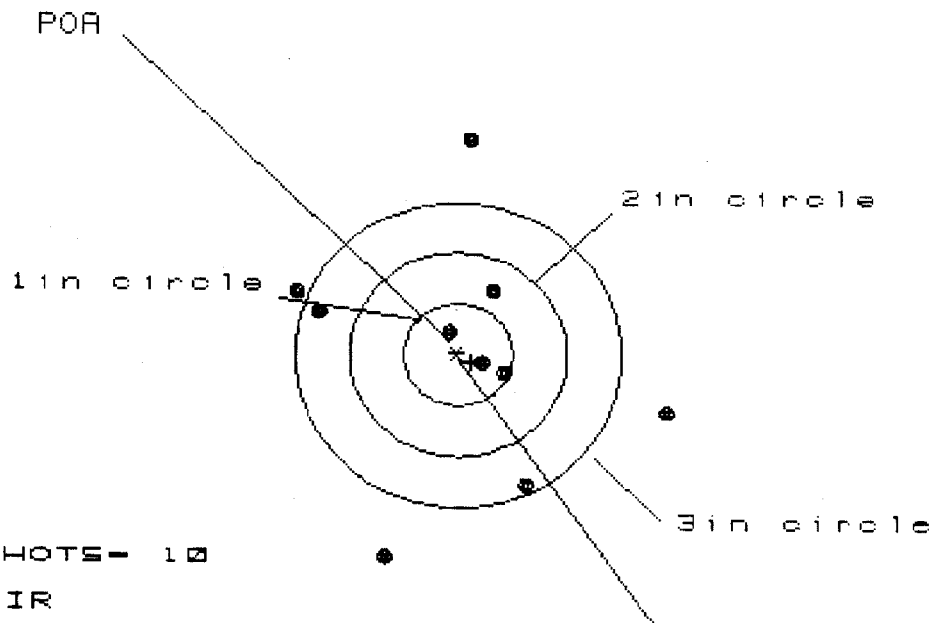
✱ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .002
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0204
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0204978
THE AMR FOR THIS RIFLE IS: 1.257

18 Jan 1991

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CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 6

HS= 3.398

VS= 4.094

GS= 4.160

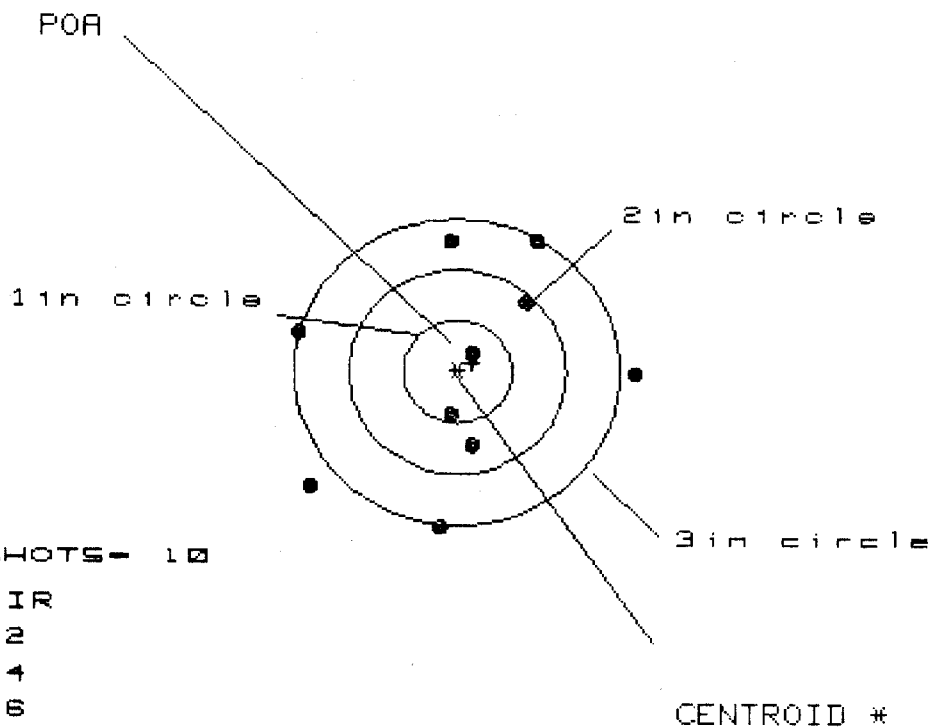
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.881	1.891	1.812
MINIMUM X	-1.517	-1.507	-1.586
MAXIMUM Y	2.161	.869	.658
MINIMUM Y	-1.933	-1.693	-1.272
CENTROID X	-.120	-.130	-.051
CENTROID Y	.071	-.169	.042
POA TO CENTROID in.	.139	.213	.066
MIN RADIUS	.247	.270	.172
MEAN RADIUS	1.218	1.130	.988
MAX RADIUS	2.163	1.913	1.880
HORIZONTAL SPREAD	3.398	3.398	3.398
VERTICAL SPREAD	4.094	2.562	1.930
EXTREME SPREAD	4.160	3.576	3.576
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 6		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 3.177

VS= 2.846

GS= 3.205

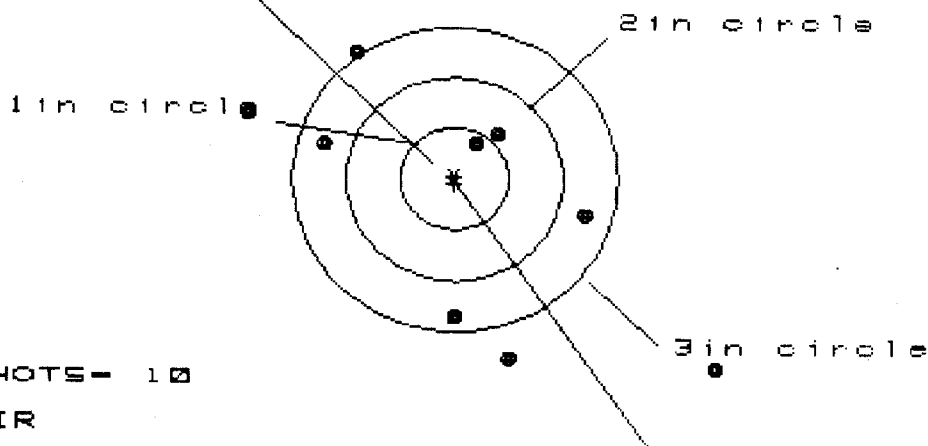
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.666	1.518	.743
MINIMUM X	:	-1.510	-1.659	-1.470
MAXIMUM Y	:	1.331	1.207	1.184
MINIMUM Y	:	-1.515	-1.639	-1.662
CENTROID X	:	-.136	.013	-.176
CENTROID Y	:	-.084	.040	.063
POA TO CENTROID in.	:	.159	.042	.187
MIN RADIUS	:	.258	.098	.190
MEAN RADIUS	:	1.166	1.077	1.028
MAX RADIUS	:	1.742	1.678	1.670
HORIZONTAL SPREAD	:	3.177	3.177	2.213
VERTICAL SPREAD	:	2.846	2.846	2.846
EXTREME SPREAD	:	3.205	3.205	2.938
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 2

3in = 5

HS= 4.262

VS= 4.112

GS= 5.077

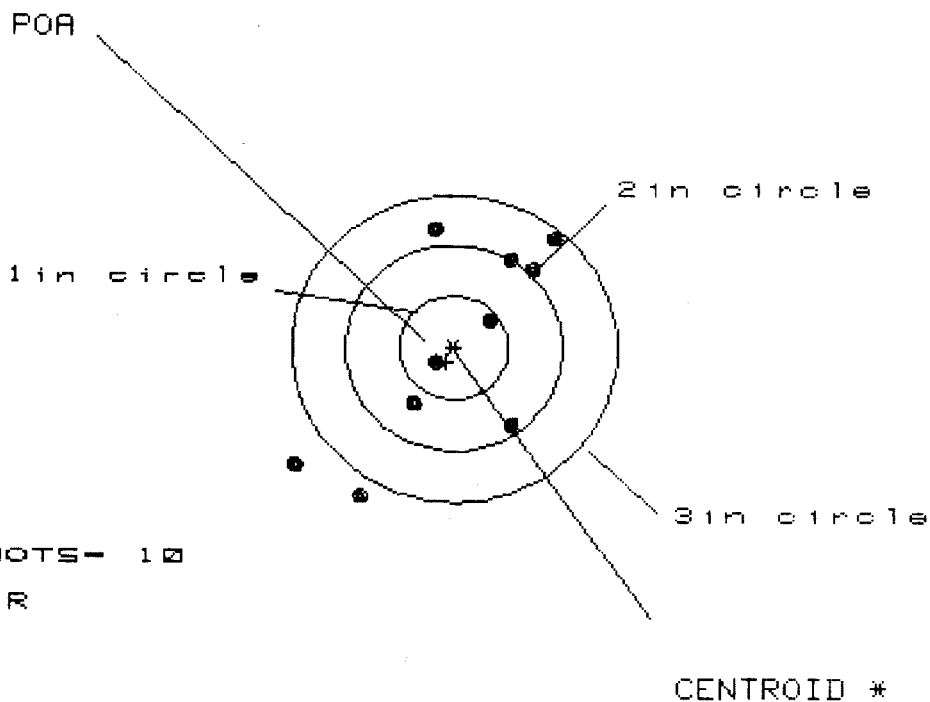
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.385	1.412	1.372
MINIMUM X	:	-1.877	-1.612	-1.652
MAXIMUM Y	:	2.223	2.013	1.280
MINIMUM Y	:	-1.889	-1.991	-1.739
CENTROID X	:	.004	-.261	-.221
CENTROID Y	:	.049	.259	.007
POA TO CENTROID in.	:	.049	.368	.221
MIN RADIUS	:	.422	.460	.578
MEAN RADIUS	:	1.544	1.352	1.274
MAX RADIUS	:	3.043	2.142	1.894
HORIZONTAL SPREAD	:	4.262	3.024	3.024
VERTICAL SPREAD	:	4.112	4.004	3.019
EXTREME SPREAD	:	5.077	4.157	3.431
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	5		

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.438

VS= 2.585

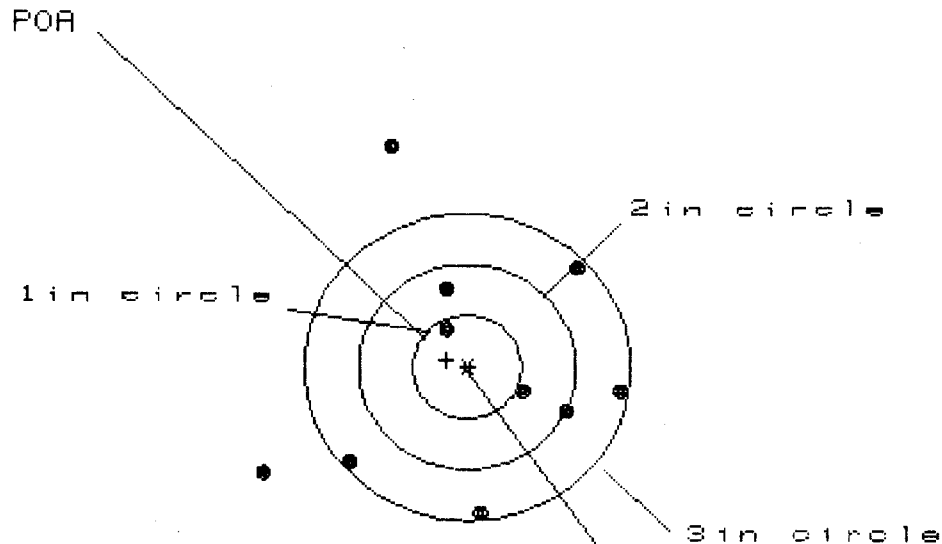
GS= 3.331

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.973	.810	.678
MINIMUM X	-1.465	-1.055	-.690
MAXIMUM Y	1.115	.986	.786
MINIMUM Y	-1.470	-1.599	-1.094
CENTROID X	.072	.235	.367
CENTROID Y	.136	.265	.465
POA TO CENTROID in.	.154	.355	.593
MIN RADIUS	.230	.256	.084
MEAN RADIUS	1.051	.932	.760
MAX RADIUS	1.870	1.916	1.128
HORIZONTAL SPREAD	2.438	1.865	1.368
VERTICAL SPREAD	2.585	2.585	1.880
EXTREME SPREAD	3.331	3.183	2.135
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 3.335

VS= 3.663

GS= 3.733

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.454	1.383	1.139
MINIMUM X	-1.881	-1.952	-1.398
MAXIMUM Y	2.192	1.213	1.113
MINIMUM Y	-1.471	-1.227	-1.327
CENTROID X	.190	.261	.505
CENTROID Y	-.070	-.314	-.214
POA TO CENTROID in.	.202	.408	.549
MIN RADIUS	.464	.476	.257
MEAN RADIUS	1.306	1.186	1.015
MAX RADIUS	2.285	2.109	1.591
HORIZONTAL SPREAD	3.335	3.335	2.537
VERTICAL SPREAD	3.663	2.440	2.440
EXTREME SPREAD	3.733	3.528	2.814
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	8		