

C6349099

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00124478

Serial: C6349099 Model M24 SWS Center Fire

Repairman:

Status:

New 1/30/2007 10:04:31 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: USFPO FOR COLORADO

USFPO FOR COLORADO

Address 1: 1181 KILMER STREET

1181 KILMER STREET

Address 2: PO Box:

PO Box:

City: GOLDEN

GOLDEN

State: CO Zip Code: 80401

Country: US

State: CO Zip Code: 80401

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

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	2

Repair Search

Refresh

Close

naglej

1/30/2007

11:04 AM

CAPS

NUM

INTS

SDPL



Serial Number: C6349099

Model: M24 SWS

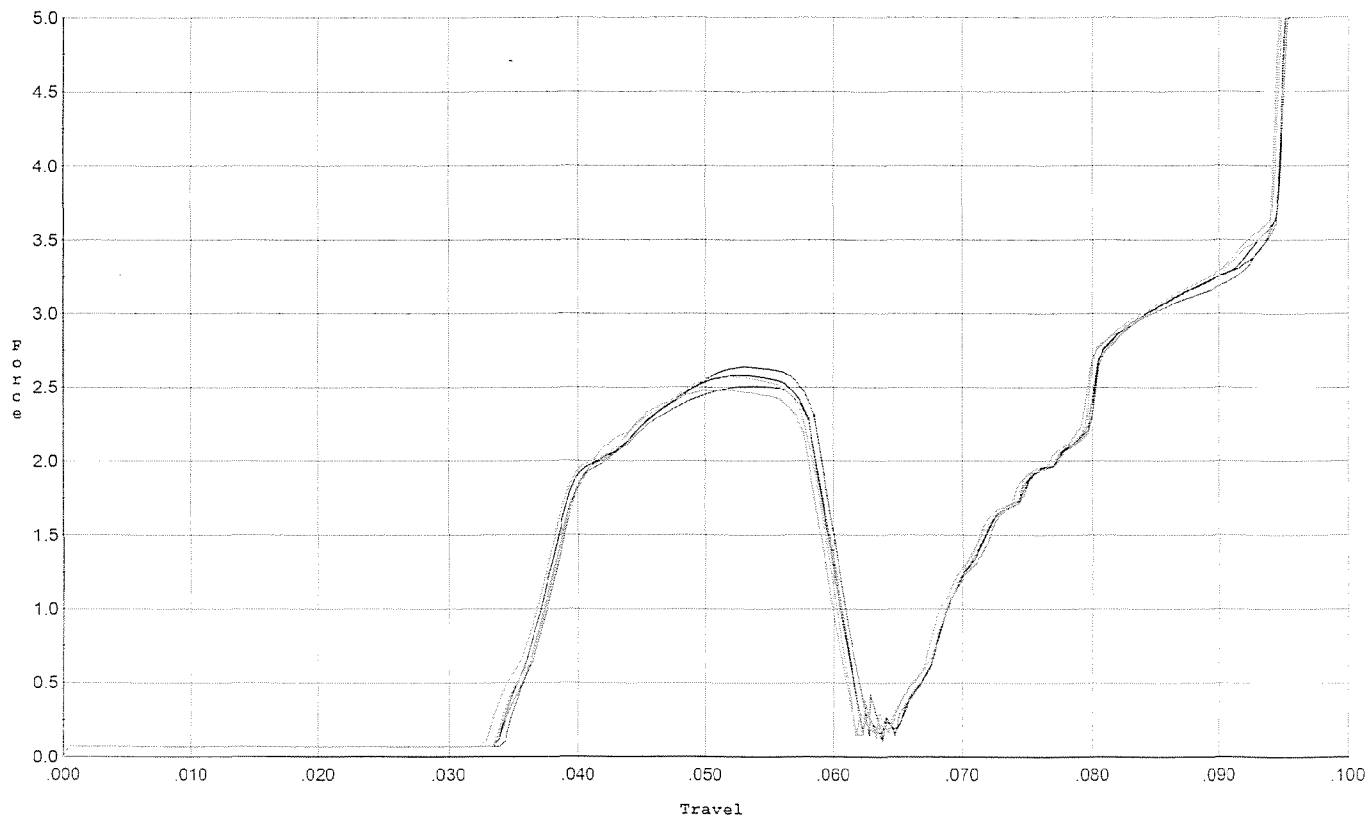


RE00124478

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 1/09/07

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



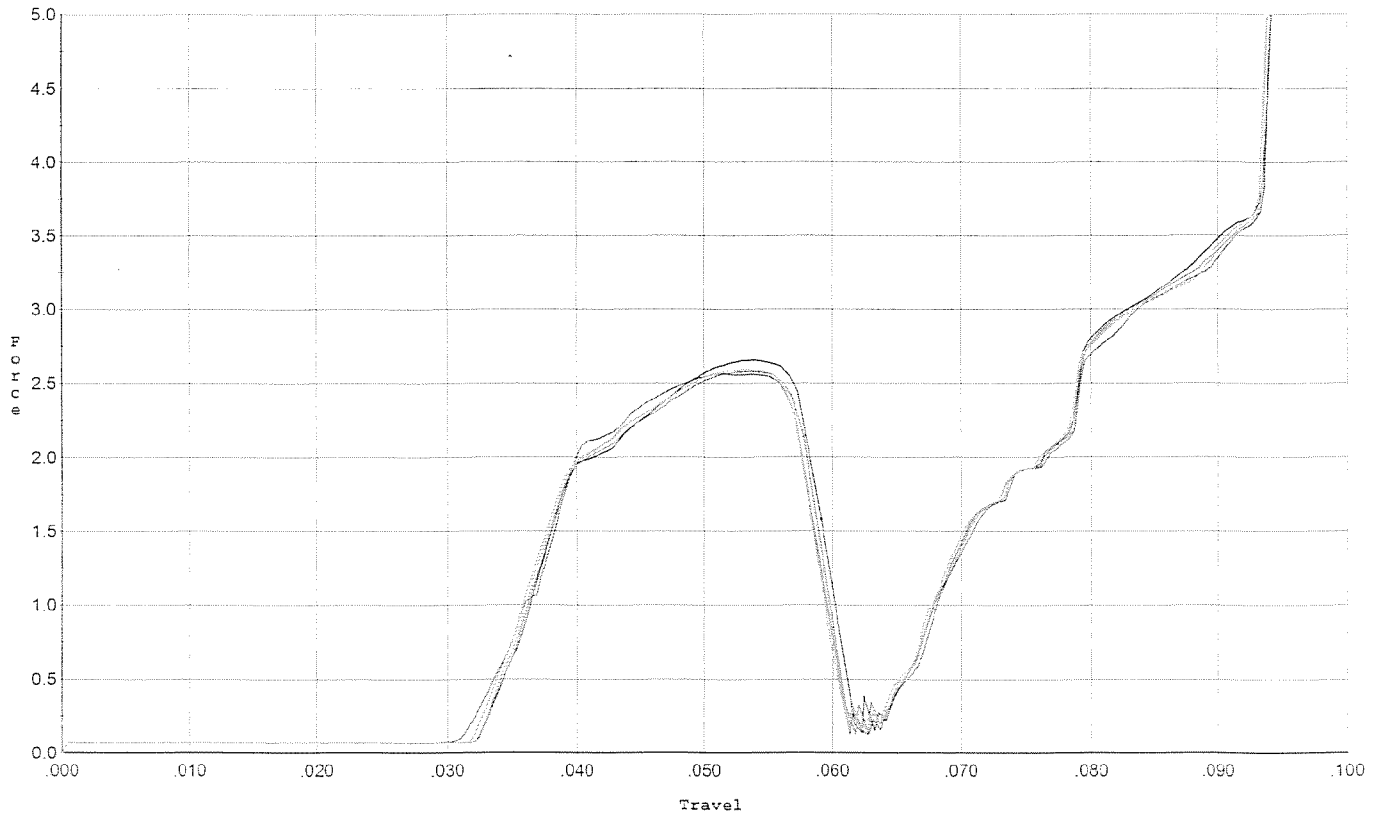
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.639	0.058	0.035	0.041	0.053		Set Trigger
2	2.580	0.058	0.034	0.041	0.053		Set Trigger
3	2.507	0.060	0.034	0.040	0.053		Set Trigger
4	2.573	0.059	0.033	0.040	0.054		Set Trigger
5	2.479	0.058	0.034	0.041	0.051		Set Trigger

Avg 2.55

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/09/07

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



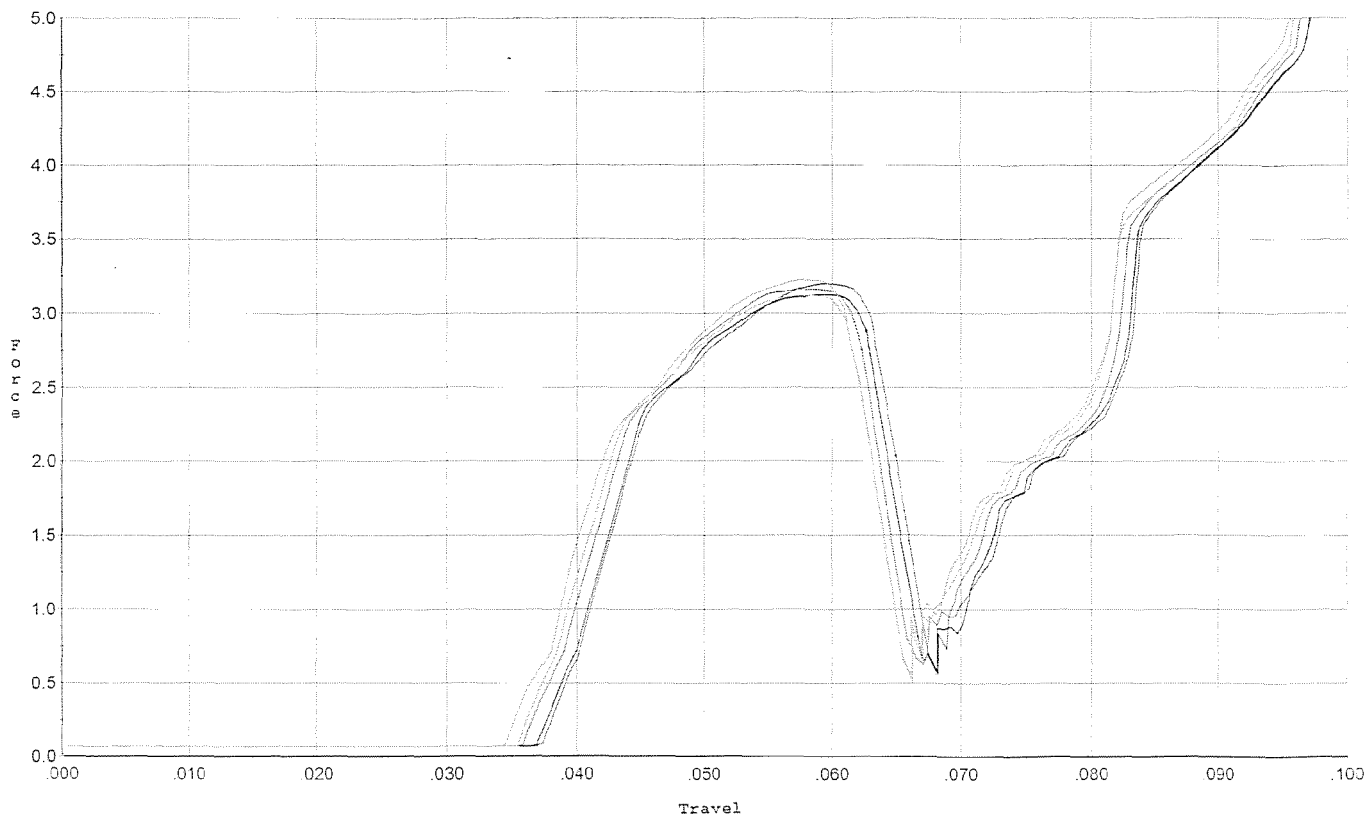
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.564	0.057	0.032	0.040	0.053		Set Trigger
2	2.656	0.059	0.033	0.040	0.055		Set Trigger
3	2.579	0.058	0.033	0.040	0.053		Set Trigger
4	2.593	0.057	0.032	0.040	0.053		Set Trigger
5	2.591	0.059	0.033	0.040	0.054		Set Trigger

Aug 2.59

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/09/07

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



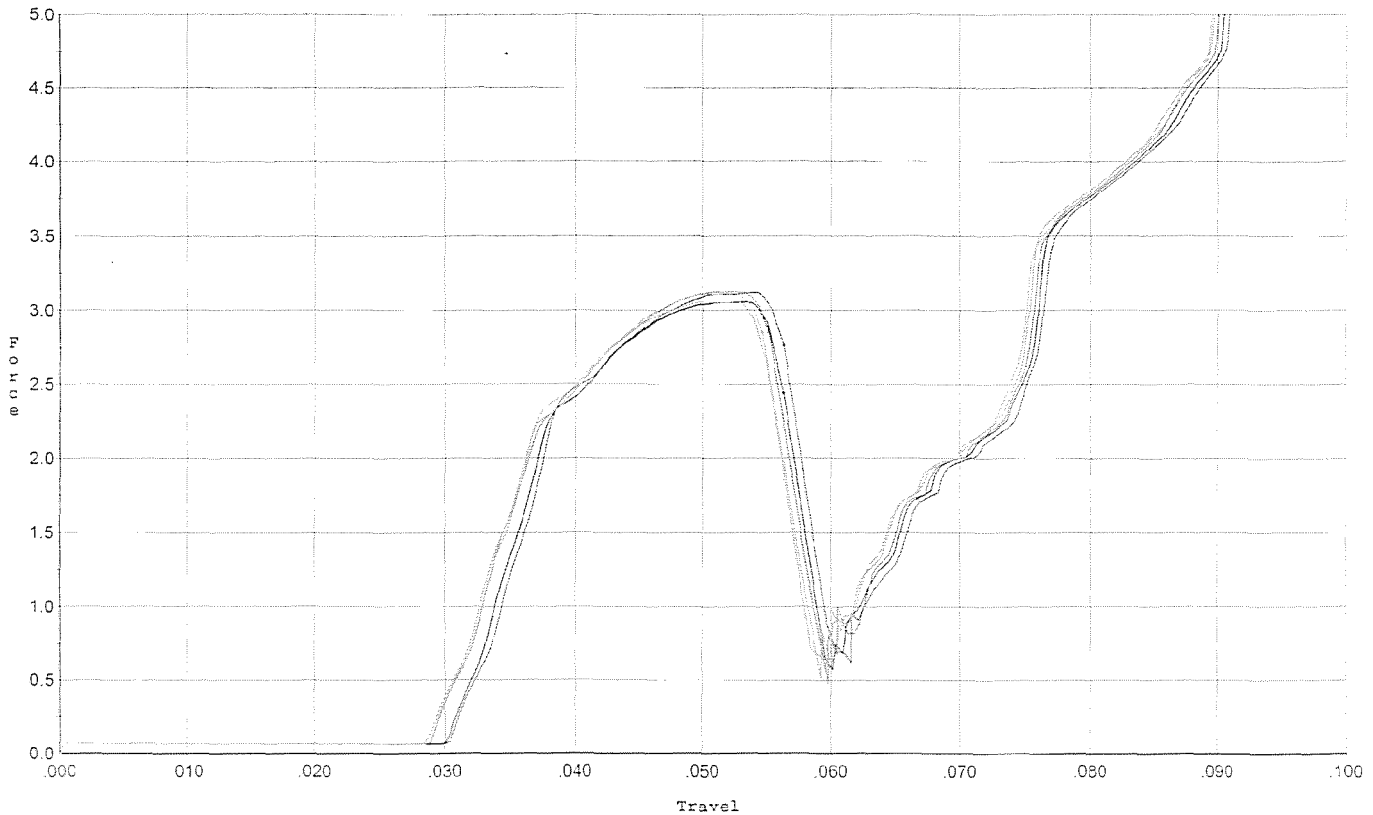
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.199	0.065	0.038	0.039	0.068		Set Trigger
2	3.127	0.063	0.037	0.039	0.065		Set Trigger
3	3.163	0.062	0.036	0.039	0.066		Set Trigger
4	3.121	0.062	0.036	0.039	0.066		Set Trigger
5	3.226	0.062	0.035	0.039	0.068		Set Trigger

Aug 3.16

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/09/07

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



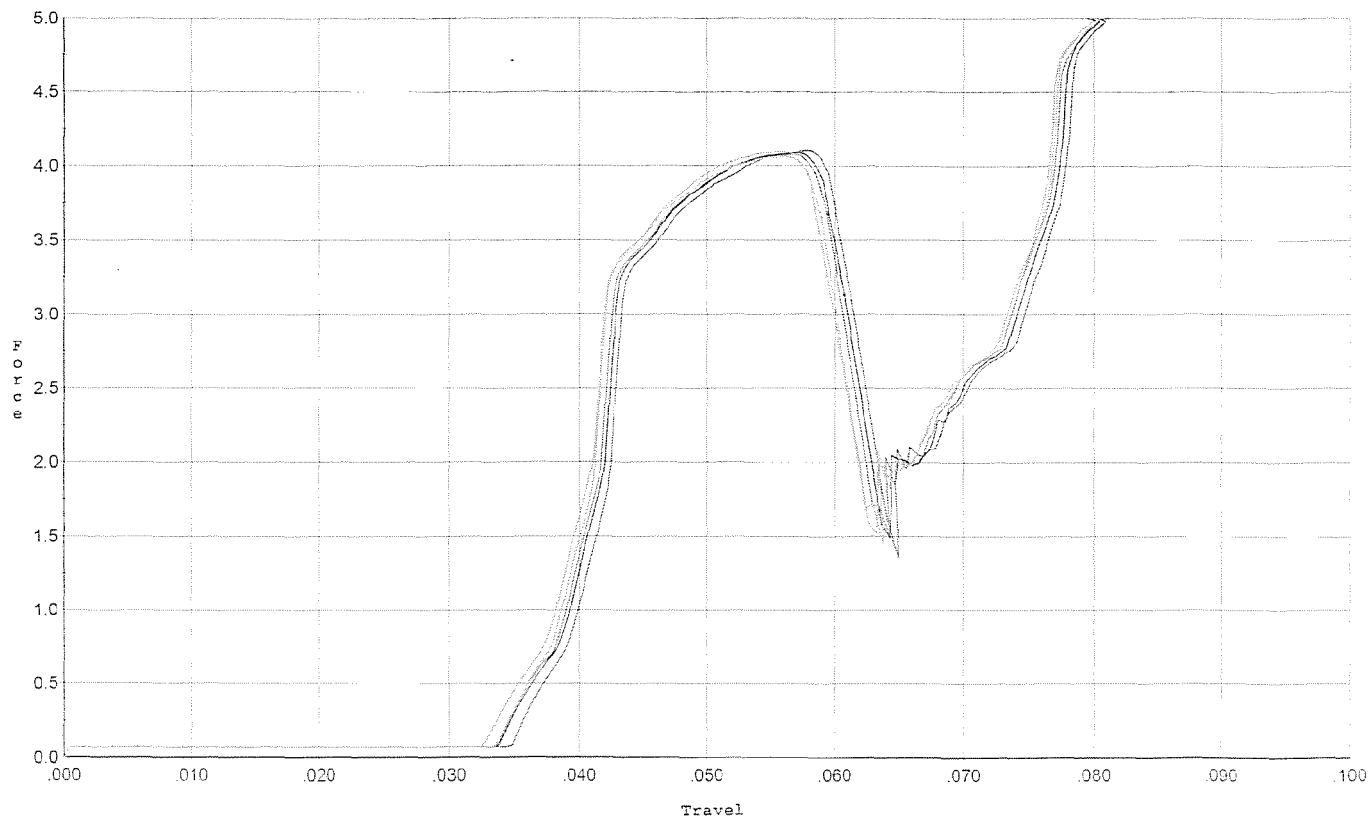
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.119	0.056	0.031	0.037	0.064		Set Trigger
2	3.056	0.056	0.031	0.037	0.063		Set Trigger
3	3.125	0.055	0.029	0.037	0.064		Set Trigger
4	3.109	0.055	0.029	0.037	0.063		Set Trigger
5	3.056	0.055	0.029	0.037	0.063		Set Trigger

Avg 3.09

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/09/07

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



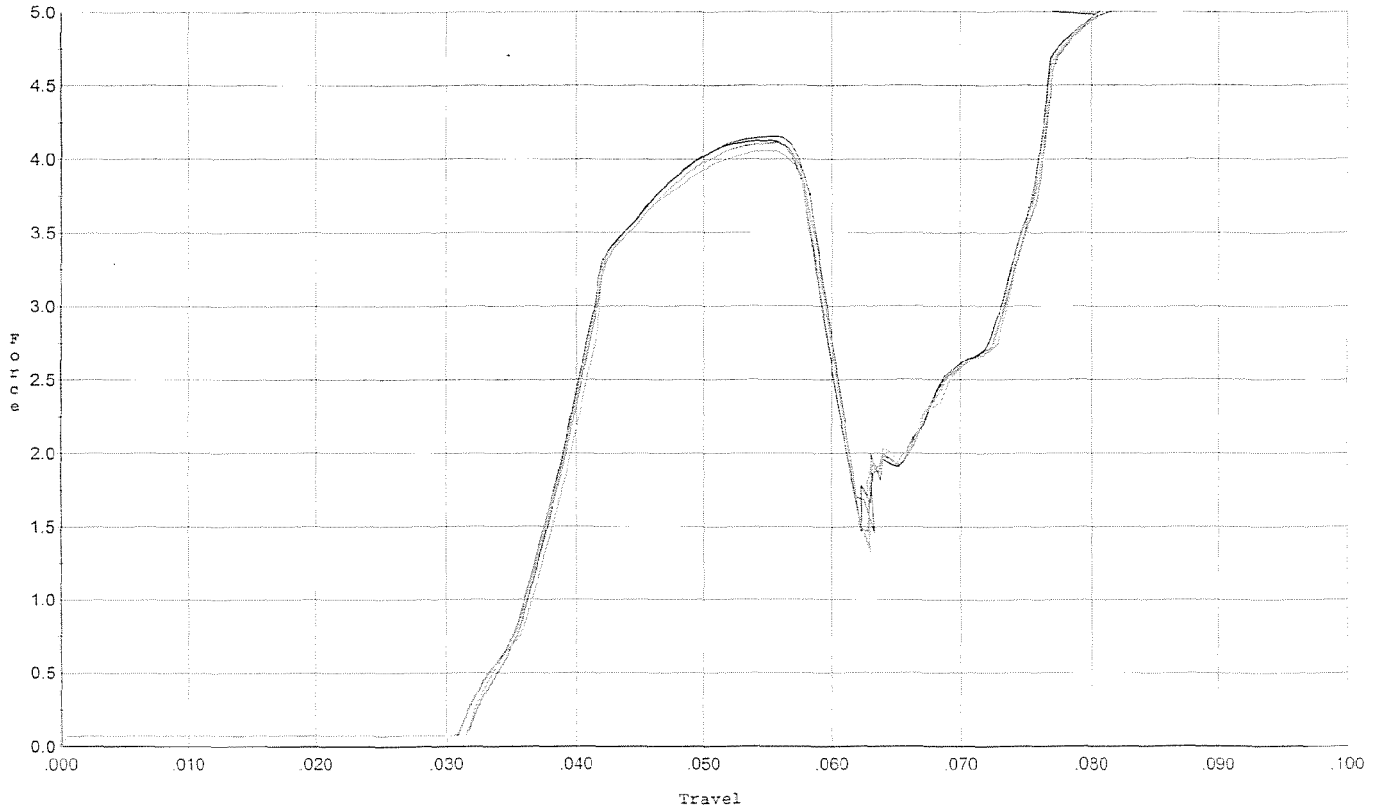
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.111	0.061	0.035	0.035	0.081		Set Trigger
2	4.089	0.061	0.034	0.035	0.081		Set Trigger
3	4.078	0.059	0.034	0.035	0.079		Set Trigger
4	4.064	0.059	0.034	0.035	0.079		Set Trigger
5	4.099	0.060	0.033	0.034	0.081		Set Trigger

Avg 4.08

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/09/07

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



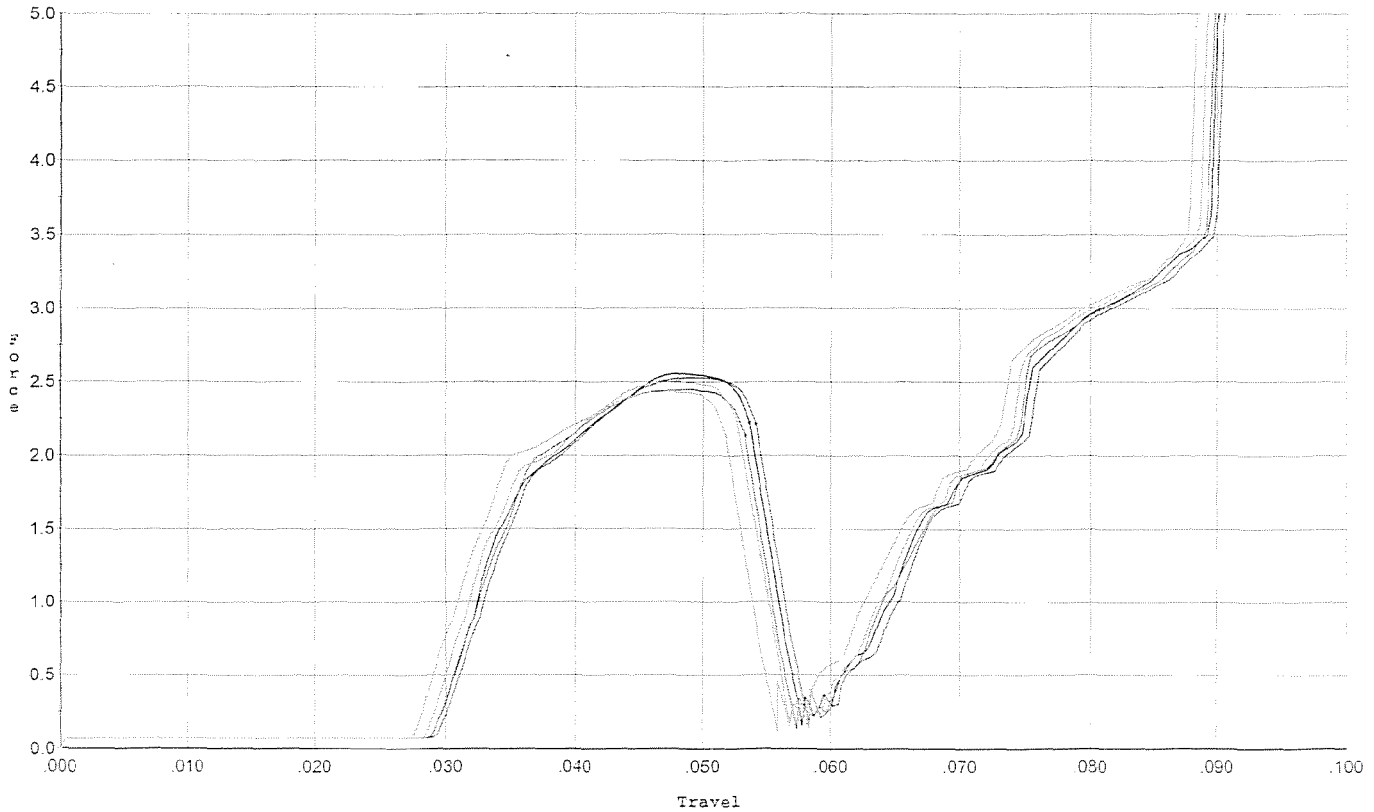
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.150	0.058	0.032	0.035	0.083		Set Trigger
2	4.124	0.058	0.031	0.035	0.082		Set Trigger
3	4.112	0.059	0.031	0.035	0.084		Set Trigger
4	4.104	0.059	0.031	0.035	0.085		Set Trigger
5	4.053	0.060	0.032	0.035	0.083		Set Trigger

Avg 4.10

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 1/09/07

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



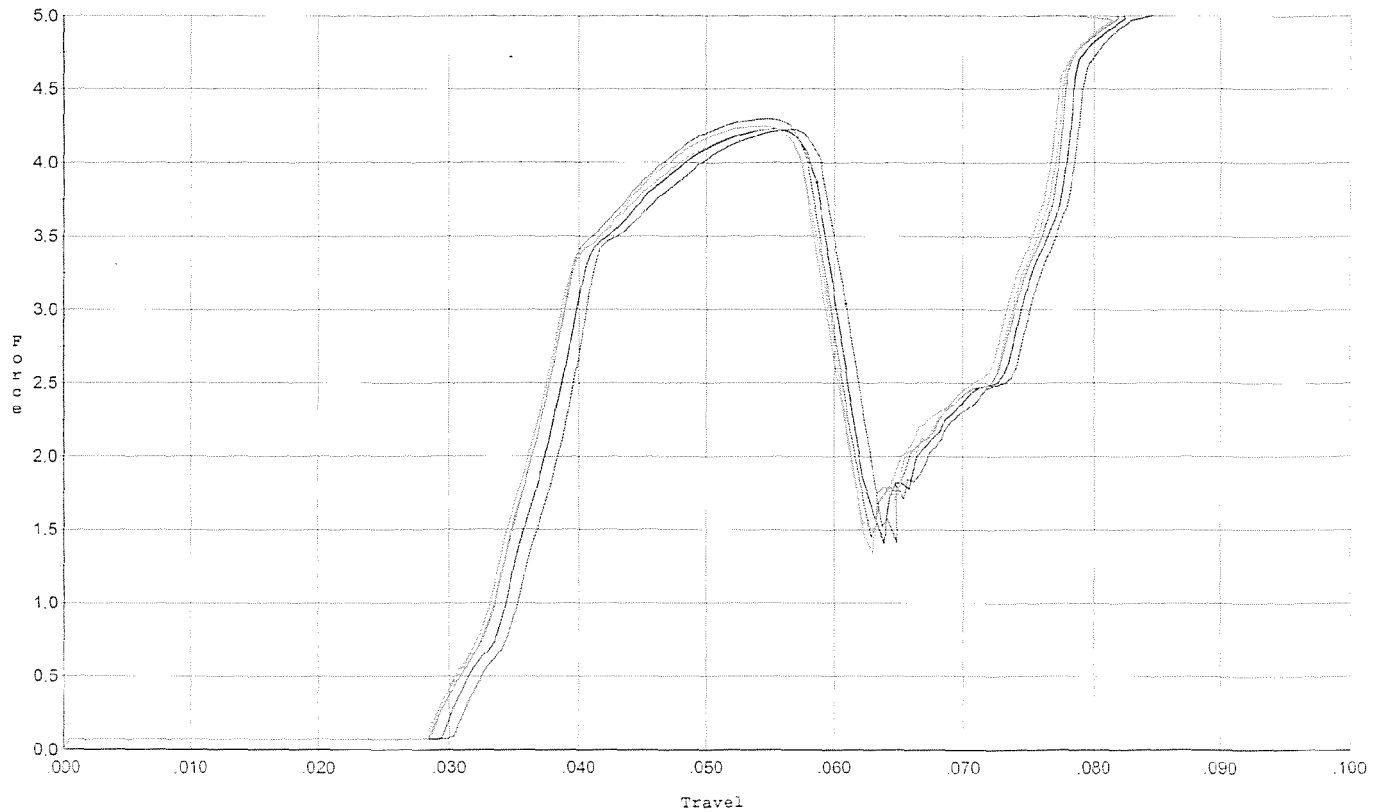
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.526	0.054	0.030	0.040	0.051		Set Trigger
2	2.552	0.054	0.029	0.040	0.051		Set Trigger
3	2.447	0.053	0.029	0.040	0.049		Set Trigger
4	2.496	0.054	0.029	0.039	0.052		Set Trigger
5	2.432	0.052	0.028	0.040	0.049		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 1/09/07

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	4.223	0.061	0.031	0.035	0.094		Set Trigger
2	4.223	0.059	0.030	0.035	0.092		Set Trigger
3	4.294	0.058	0.029	0.035	0.094		Set Trigger
4	4.223	0.059	0.029	0.035	0.094		Set Trigger
5	4.245	0.057	0.029	0.035	0.092		Set Trigger

Avg 4.24

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349099. __0

FILE DATE AND TIME: 03/02/2007 15:00

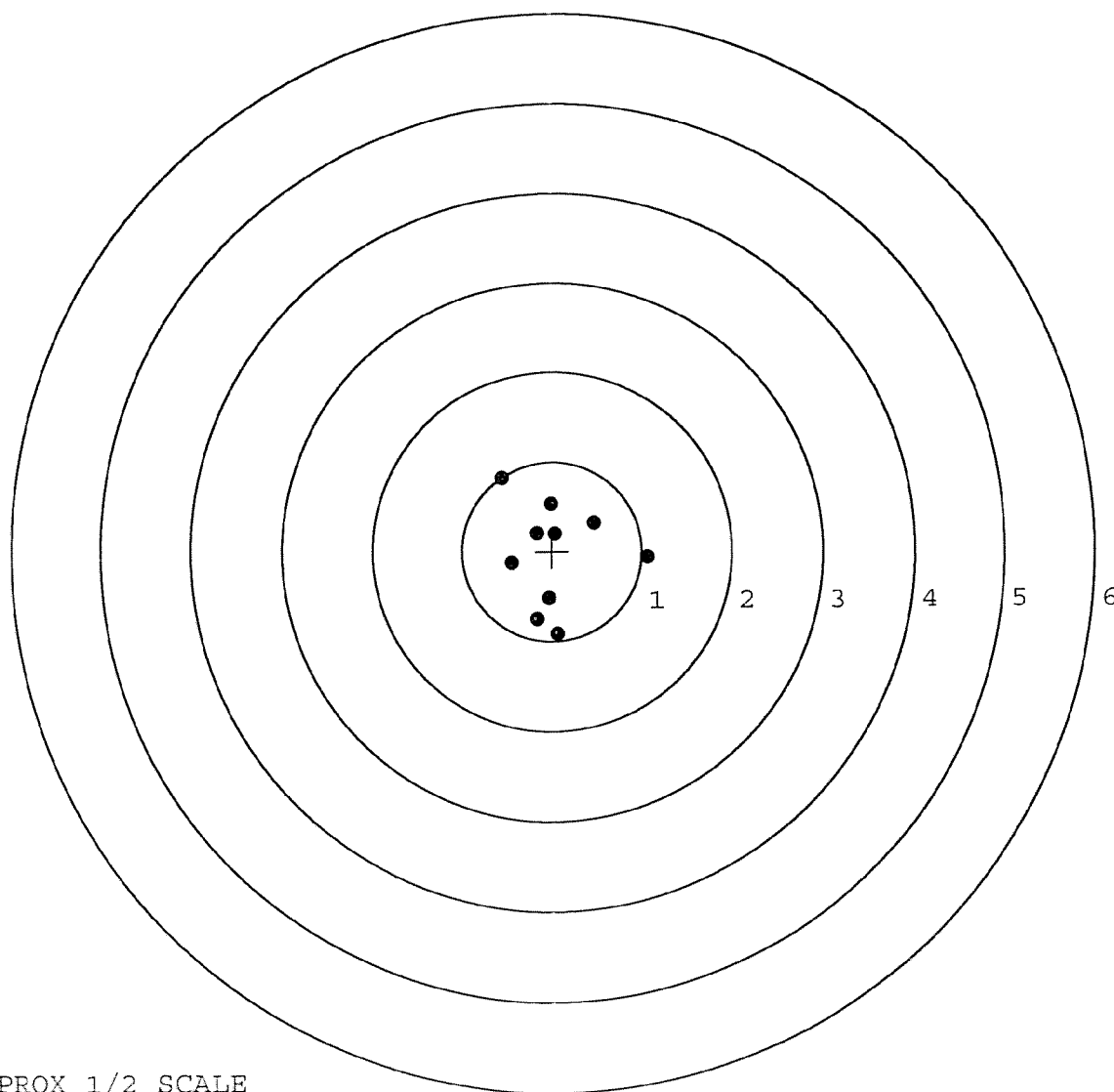
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.056
The Average Y Centroid of the Five Target Set:	-0.060
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.624
The Distance from POA to Centroid Target #1:	0.042
The Distance from Centroid Target #2 to Centroid Target #1:	0.077
The Distance from Centroid Target #3 to Centroid Target #1:	0.170
The Distance from Centroid Target #4 to Centroid Target #1:	0.080
The Distance from Centroid Target #5 to Centroid Target #1:	0.169

SERIAL NUMBER: C6349099. __0
 TARGET NUMBER: 1
 FILE DATE: 03/02/2007
 FILE TIME: 15:00

POINT#	X	Y
1:	1.064	-0.070
2:	0.061	-0.928
3:	-0.171	-0.766
4:	-0.039	-0.528
5:	0.469	0.315
6:	0.034	0.197
7:	-0.171	0.203
8:	-0.450	-0.127
9:	-0.008	0.530
10:	-0.555	0.821

X CENTROID: 0.023
 Y CENTROID: -0.035
 POA TO CENTROID: 0.042
 HORZ SPREAD: 1.619
 VERT SPREAD: 1.749
 GROUP SPREAD: 1.848
 MIN RADIUS: 0.233
 MAX RADIUS: 1.041
 MEAN RADIUS: 0.638
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

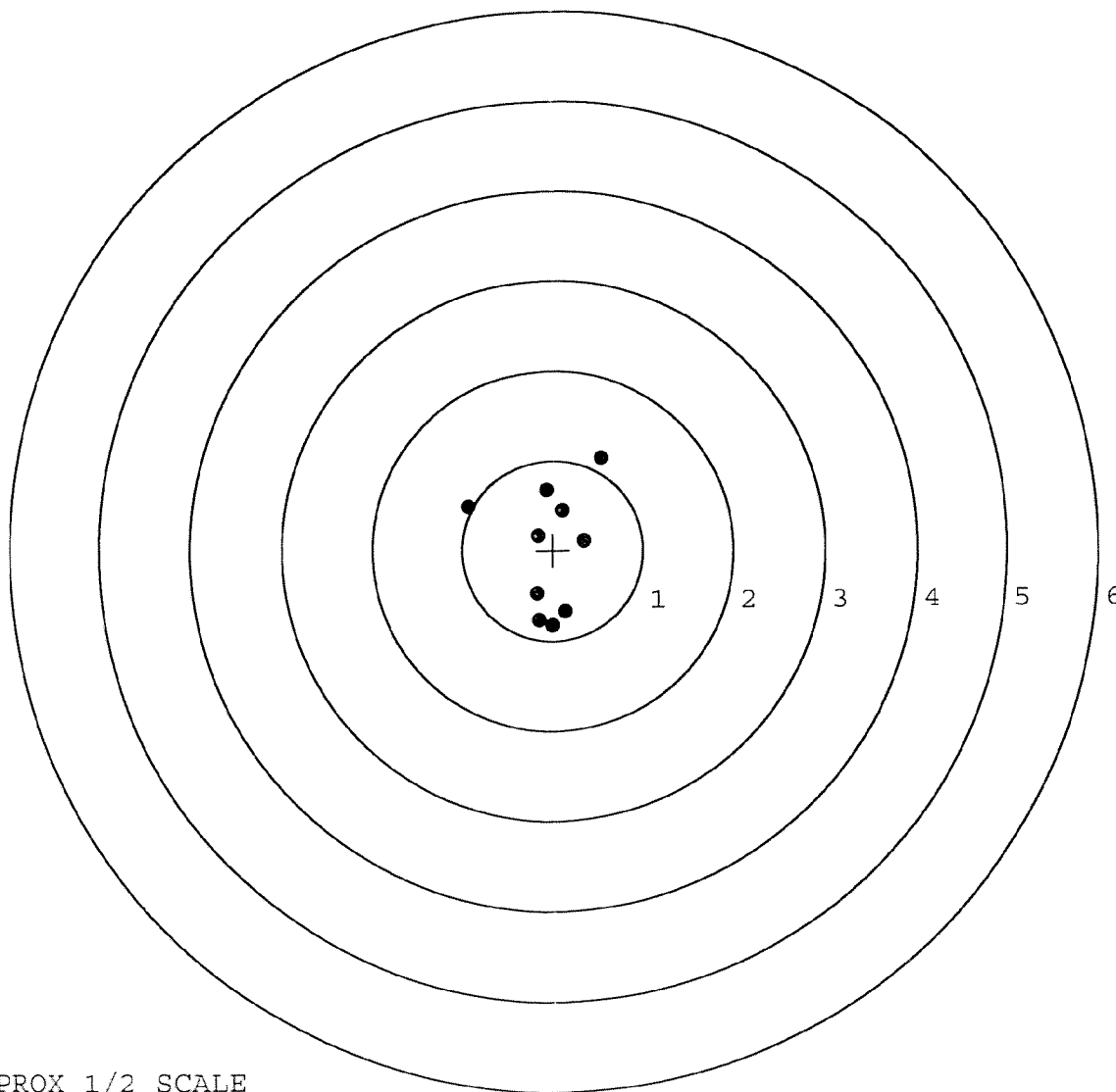


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349099. __0
 TARGET NUMBER: 2
 FILE DATE: 03/02/2007
 FILE TIME: 15:00

POINT#	X	Y
1:	0.539	1.023
2:	-0.930	0.481
3:	-0.162	0.165
4:	0.346	0.101
5:	0.109	0.441
6:	-0.072	0.670
7:	0.135	-0.680
8:	-0.013	-0.840
9:	-0.159	-0.780
10:	-0.179	-0.481

X CENTROID: -0.039
 Y CENTROID: 0.010
 POA TO CENTROID: 0.040
 HORZ SPREAD: 1.469
 VERT SPREAD: 1.863
 GROUP SPREAD: 1.943
 MIN RADIUS: 0.198
 MAX RADIUS: 1.166
 MEAN RADIUS: 0.676
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



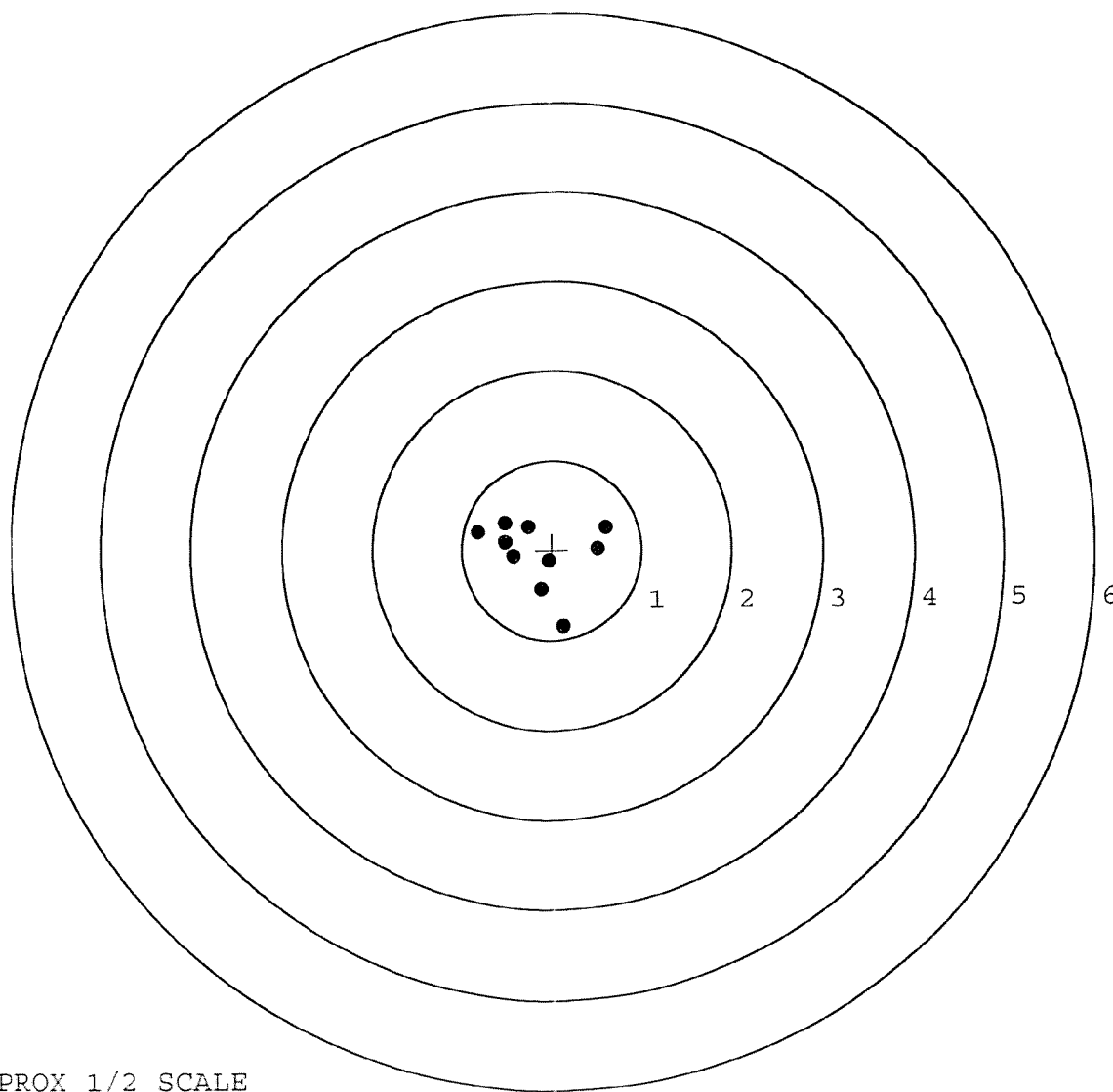
TARGET APPROX 1/2 SCALE

BARBER - M24 0107784

SERIAL NUMBER: C6349099. __0
 TARGET NUMBER: 3
 FILE DATE: 03/02/2007
 FILE TIME: 15:00

POINT#	X	Y
1:	0.604	0.249
2:	0.513	0.012
3:	0.133	-0.855
4:	-0.121	-0.445
5:	-0.036	-0.121
6:	-0.260	0.261
7:	-0.429	-0.071
8:	-0.523	0.093
9:	-0.520	0.301
10:	-0.823	0.197

X CENTROID: -0.146
 Y CENTROID: -0.038
 POA TO CENTROID: 0.151
 HORZ SPREAD: 1.427
 VERT SPREAD: 1.156
 GROUP SPREAD: 1.421
 MIN RADIUS: 0.138
 MAX RADIUS: 0.863
 MEAN RADIUS: 0.510
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



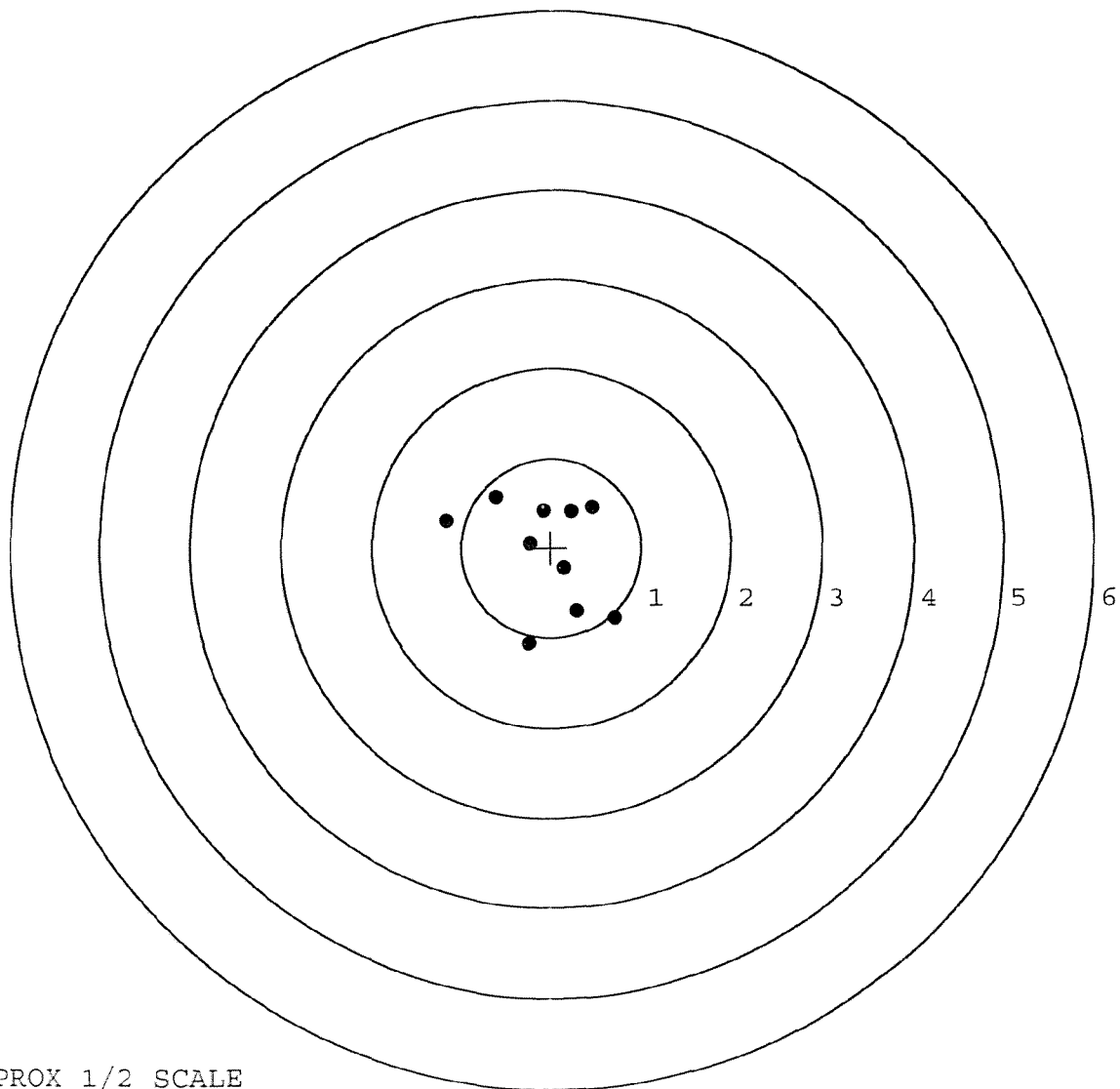
TARGET APPROX 1/2 SCALE

BARBER - M24 0107785

SERIAL NUMBER: C6349099. __0
 TARGET NUMBER: 4
 FILE DATE: 03/02/2007
 FILE TIME: 15:00

POINT#	X	Y
1:	0.711	-0.775
2:	0.291	-0.707
3:	-0.251	-1.072
4:	0.153	-0.229
5:	-1.172	0.304
6:	-0.617	0.576
7:	-0.237	0.047
8:	-0.093	0.414
9:	0.455	0.462
10:	0.224	0.412

X CENTROID: -0.054
 Y CENTROID: -0.057
 POA TO CENTROID: 0.078
 HORZ SPREAD: 1.883
 VERT SPREAD: 1.648
 GROUP SPREAD: 2.170
 MIN RADIUS: 0.211
 MAX RADIUS: 1.175
 MEAN RADIUS: 0.706
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

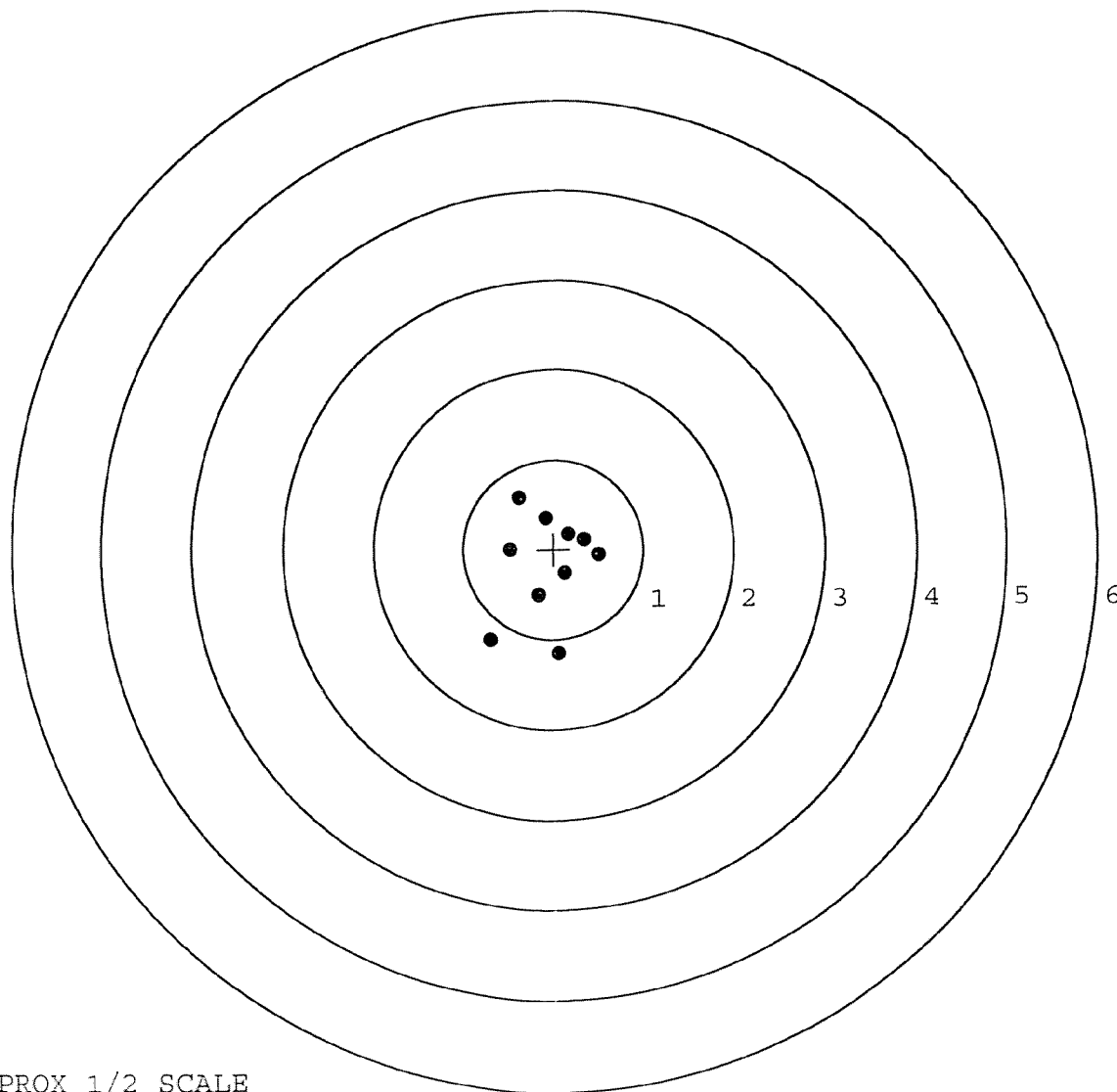


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349099. __0
 TARGET NUMBER: 5
 FILE DATE: 03/02/2007
 FILE TIME: 15:00

POINT#	X	Y
1:	0.056	-1.160
2:	-0.703	-1.013
3:	-0.169	-0.507
4:	0.128	-0.269
5:	-0.486	0.000
6:	0.502	-0.066
7:	0.341	0.108
8:	0.171	0.169
9:	-0.093	0.353
10:	-0.381	0.586

X CENTROID: -0.063
 Y CENTROID: -0.180
 POA TO CENTROID: 0.191
 HORZ SPREAD: 1.205
 VERT SPREAD: 1.746
 GROUP SPREAD: 1.631
 MIN RADIUS: 0.211
 MAX RADIUS: 1.050
 MEAN RADIUS: 0.591
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	124478		
SERIAL NUMBER	C6349099		
LOG-IN DATE	1-30-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-6-07	RTZ
505	RE-BARREL	2-7-07	RTZ
560	ASSEMBLE	2-7-07	RTZ
600	PROOF	2-7-07	FM
605	CHECK HEADSPACE	INSPECTED	2-7-07 FM
610	DIS-ASSEMBLE GUN	FEB 13 2007	2-1-07 RTZ
612	MAGNAFLUX	OPERATOR <u>CPD</u>	2-13-07 APD
510	DRILL AND TAP		2-12-07 TRW
615	ROLLMARK CALIBER		2-13-07 CW
618	ROTO-BLAST		2-13-07 LB
620	APPLY COATINGS		2-19-07 WJ
625	FINAL ASSEMBLY		3-1-07 RTZ
640	FUNCTION TEST AND	(PASS) FAIL	3-2-07 TRW
650	TARGET	(PASS) FAIL	3-2-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	3-2-07 FM
670	FINAL INSPECTION		3/6/07
	A) HEADSPACE	(PASS) FAIL	3/6/07
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	281 2.77 2.74 2.75 2.75 3-6-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 5.5 5.5 3-6-07 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.0 2.0 2.0 3-6-07 DA
	I) FIRING PIN INDENT	.020	.023 .024 .023 3-6-07 DA
690	PACK		3-9-07 DA

Remington
Reg. U.S. Pat. & Tm. Off.

DUPONT
Reg. U.S. Pat. & Tm. Off.

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

MODEL 700™ M24

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

SERIAL NO.
C6349099

ORDER NO.
5716

01

5716 C6349099

UPC
0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349099

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12 30		RW
600	Proof	4 12 90		E
607	Check Headspace	4 12 90		E
610	Dis-assemble Gun	4 12 90		RW
612	Magnaflux Barrel Action	4-19-90		KCR
	Magnaflux Bolt	4-19-90		KCR
615	Rollmark Caliber	4-19-90		SL
617	Drill and Tap Sight Holes		4/23/90	FVB
618	Polish Barrel		4/24/90	WS
620	Apply Coatings (Barrel Action)		4/30/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/90	RW
	C) Inspect Ejector Hole for Chamfer		5/1/90	RW
	D) Oil Firing Pin Ass'y		5/1/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/14/90	SL

BARBER - M24 0107790		READINGS			DATE	INIT		
op. #	OP. NAME							
625 cont.	F) Safety On Force	4	4	4	5/15/90	DM		
	G) Safety Off Force	3	3	3	5/15/90	DM		
	H) Trigger Pull Test & Retainability				5/14/90	DM		
	I) Firing Pin Indent	.023	.023	.023	5/15/90	DM		
	J) Assemble Stock				5/16/90	RW		
	K) Assemble Swivel Studs				5/17/90	WB		
	L) Attach Front and Rear Sight Assemblies				5/16/90	RW		
	M) Iron Sight Alignment				5/16/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				5/16/90	RW		
	O) Attach Scope to Rifle				5/16/90	DM		
	P) Detach & Attach Scope 20 Times				5/16/90	DM		
640	Gallery Target & Test				5-16-90	DM		
	A) Time				5-16-90	DM		
	B) Malfunctions				5-16-90	DM		
	C) Pierced Primers				5-16-90	DM		
	D) Optical Clarity of Scope				5-16-90	DM		
645	Inspect for Live Ammo				5-16-90	DM		
655	Final Inspection				5/17/90	WB		
	A) Headspace							
	B) Trigger Pull	2.19	2.26	2.50	2.48	2.49	5/17/90	WB
	C) Function	2.41	2.46				5/17/90	WB
660	Pack				6-19-90	DM		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06349099

DATE 5/14/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.40	2.53	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.41	2.52	2.46	
PULL #3	2.49	2.43	2.48	2.50	
PULL #4	2.40	2.39	2.28	2.49	
PULL #5	2.41	2.42	2.32	2.49	
TOTAL	12.25	12.05	12.13		
AVG.	2.45	2.41	2.426		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.52	3.48		
PULL #2	3.47	3.52		
PULL #3	3.48	3.50		
PULL #4	3.49	3.54		
PULL #5	3.51	3.40		
TOTAL	17.47	17.44		
AVG.	3.494	3.488		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.23		4.17
PULL #2	4.25	4.22		4.17
PULL #3	4.18	4.19		4.20
PULL #4	4.22	4.20		4.37
PULL #5	4.22	4.27		4.43
TOTAL	21.08	21.11		21.34
AVG.	4.216	4.222		4.268

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349099
17 May 1990

CENTROIDAL DISTANCES

0 TO	1	.304862
1 TO	2	.361931
1 TO	3	.216788
1 TO	4	.350708
1 TO	5	.0431856

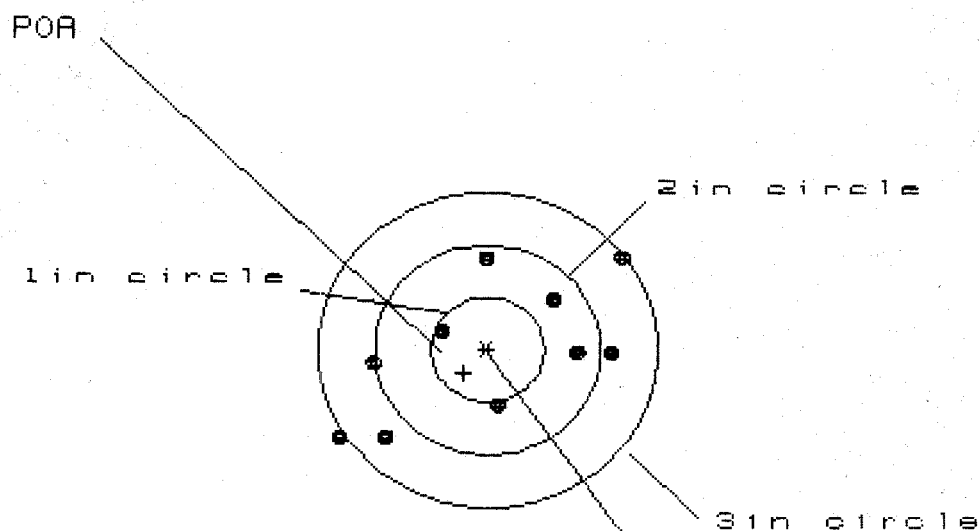
$\bar{x}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2934
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1372
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .323894
THE AMR FOR THIS RIFLE IS: .8954

17 May 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6349099

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 6

3 in - 9

HS - 2.483

VS - 1.699

GS - 2.974

CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.157	1.010	1.036
MINIMUM X	:	-1.326	-1.134	-1.008
MAXIMUM Y	:	.852	.765	.860
MINIMUM Y	:	-.847	-.934	-.839
CENTROID X	:	.210	.357	.231
CENTROID Y	:	.221	.308	.213
POA TO CENTROID in.	:	.305	.472	.314
MIN RADIUS	:	.444	.556	.467
MEAN RADIUS	:	.960	.878	.828
MAX RADIUS	:	1.541	1.425	1.267
HORIZONTAL SPREAD	:	2.483	2.144	2.044
VERTICAL SPREAD	:	1.699	1.699	1.699
EXTREME SPREAD	:	2.974	2.690	2.138
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 3.005

VS= 1.403

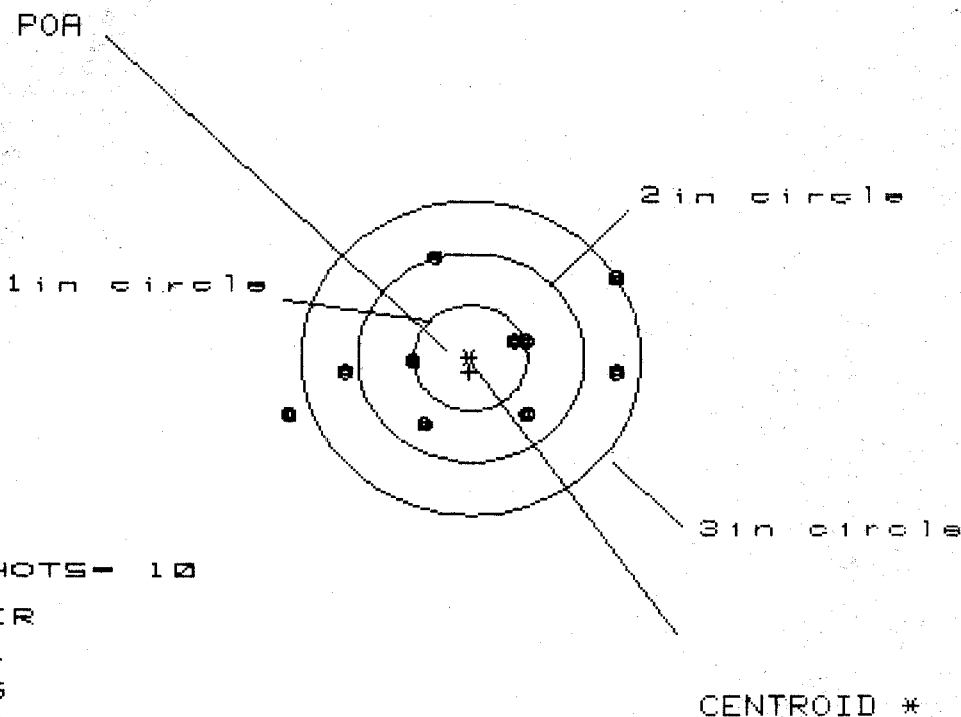
GS= 3.075

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.346
MINIMUM X	:	-1.659
MAXIMUM Y	:	.025
MINIMUM Y	:	-.578
CENTROID X	:	.545
CENTROID Y	:	.084
POA TO CENTROID in.	:	.552
MIN RADIUS	:	.011
MEAN RADIUS	:	.907
MAX RADIUS	:	1.756
HORIZONTAL SPREAD	:	3.005
VERTICAL SPREAD	:	1.403
EXTREME SPREAD	:	3.075
NUMBER IN ONE INCH CIRCLE	=	3
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	9

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.875

VS= 1.528

GS= 3.169

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.299	1.123	1.245
MINIMUM X	:	-1.576	-1.288	-1.147
MAXIMUM Y	:	.931	.867	.953
MINIMUM Y	:	-.597	-.661	-.575
CENTROID X	:	.011	.187	.046
CENTROID Y	:	.135	.199	.113
POA TO CENTROID in.	:	.136	.273	.122
MIN RADIUS	:	.431	.248	.413
MEAN RADIUS	:	.956	.851	.795
MAX RADIUS	:	1.679	1.319	1.250
HORIZONTAL SPREAD	:	2.875	2.411	2.392
VERTICAL SPREAD	:	1.528	1.528	1.528
EXTREME SPREAD	:	3.169	2.559	2.392
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 1.812

VS= 2.730

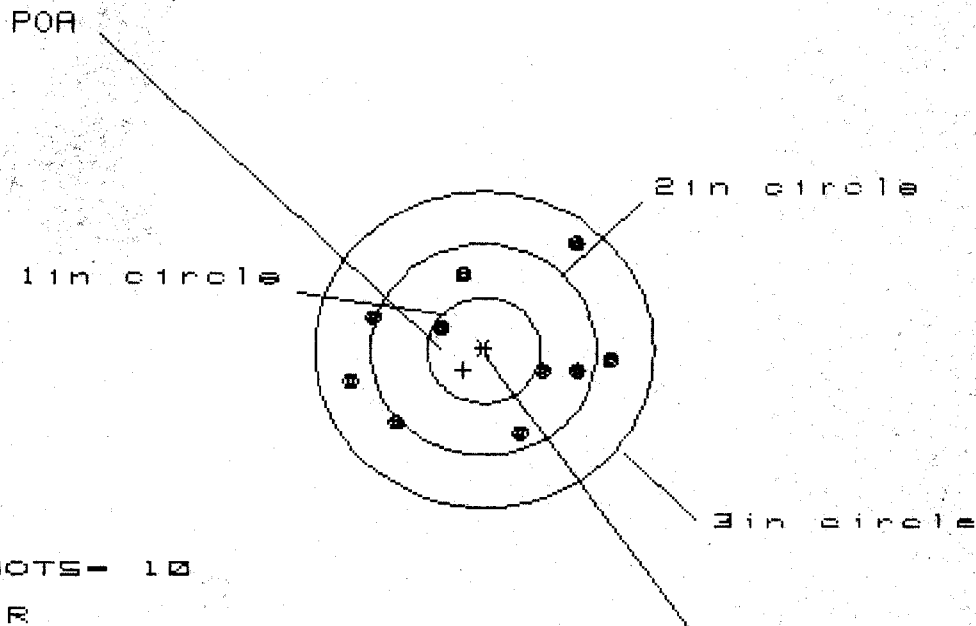
GS= 2.746

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.896	.962	.449
MINIMUM X	:	-.916	-.850	-.729
MAXIMUM Y	:	1.592	.698	.578
MINIMUM Y	:	-1.138	-.961	-1.005
CENTROID X	:	.520	.454	.333
CENTROID Y	:	.057	-.120	-.000
POA TO CENTROID in.	:	.523	.469	.333
MIN RADIUS	:	.055	.138	.076
MEAN RADIUS	:	.741	.663	.545
MAX RADIUS	:	1.701	1.360	1.042
HORIZONTAL SPREAD	:	1.812	1.812	1.178
VERTICAL SPREAD	:	2.730	1.659	1.583
EXTREME SPREAD	:	2.746	2.383	1.782
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.347

VS= 1.774

GS= 2.373

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.120	1.207	1.065
MINIMUM X	:	-1.227	-1.140	-1.065
MAXIMUM Y	:	1.000	.850	.832
MINIMUM Y	:	-.774	-.663	-.681
CENTROID X	:	.181	.094	.236
CENTROID Y	:	.189	.078	.096
POA TO CENTROID in.	:	.262	.122	.255
MIN RADIUS	:	.397	.411	.461
MEAN RADIUS	:	.913	.869	.819
MAX RADIUS	:	1.273	1.208	1.145
HORIZONTAL SPREAD	:	2.347	2.347	2.130
VERTICAL SPREAD	:	1.774	1.513	1.513
EXTREME SPREAD	:	2.373	2.350	2.179
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	10		