

06587598

MODEL 700™ M24

Model **SWS**™

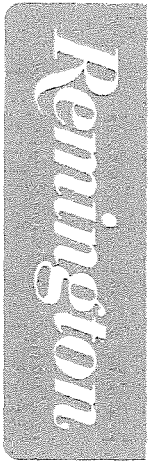
Action

Barrel Length

Capacity

Order No. **5716**

* Includes 1 in chamber.



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: RE00147467

Serial: C6587598 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 7/10/2008 5:27:59 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: PUEBLO CHEMICAL DEPOT

PUEBLO CHEMICAL DEPOT

Address 1: 45825 HWY 96 EAST BLDG 78

45825 HWY 96 EAST BLDG 78

Address 2:

PO Box:

PO Box:

City: PUEBLO

PUEBLO

State: CO

Zip Code: 81006

Country: US

State: CO

Zip Code: 81006

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Received Condition

Accessories Received

Phone: NN

Fair

Fax:

Condition

Email:

Notes:

Comments:

CSR

Notes:

Code	Desc	Qty
A009	Soft Case	1
A026	Scope	1
A045	Bi Pod	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

7/10/2008

7:55 AM

COPY

NUM

INS

SERL

Number: C6587598

Model: M24 SWS



RE00147467

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

R & I NUMBER

SERIAL NUMBER

C6587598

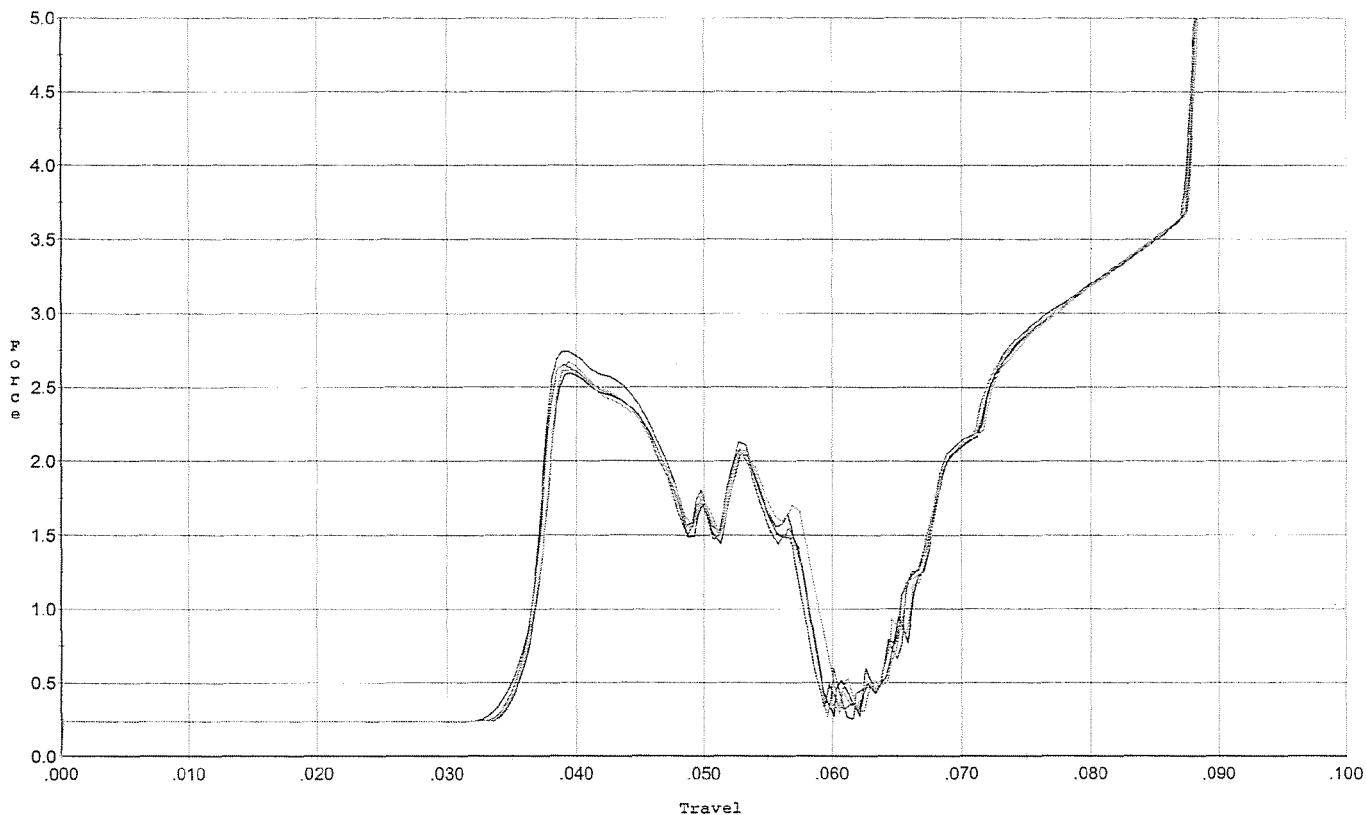
LOG-IN DATE

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-18-08	RTL
505	RE-BARREL	7-19-08	RTL
560	ASSEMBLE	7-19-08	RTL
600	PROOF	7-21-08	TRW
605	CHECK HEADSPACE	7-21-08	TRW
610	DIS-ASSEMBLE GUN	7-21-08	RTL
612	MAGNAFLUX	7/25/08	BA
510	DRILL AND TAP	7-21-08	SP
615	ROLLMARK CALIBER	7/25/08	RT
618	ROTO-BLAST	7/25/08	DG
620	APPLY COATINGS	8-1	u
625	FINAL ASSEMBLY	8-5-08	RTL
640	FUNCTION TEST AND	8-6-08	TRW
650	TARGET	8-6-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION A) HEADSPACE	8-7-08	RTL
	B) TRIGGER PULL	8-7-08	RTL
	F) SAFETY ON FORCE	8-7-08	RTL
	G) SAFETY OFF FORCE	8-7-08	RTL
	I) FIRING PIN INDENT	8-7-08	RTL
690	PACK	8/7/08	FM

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 7/17/08

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



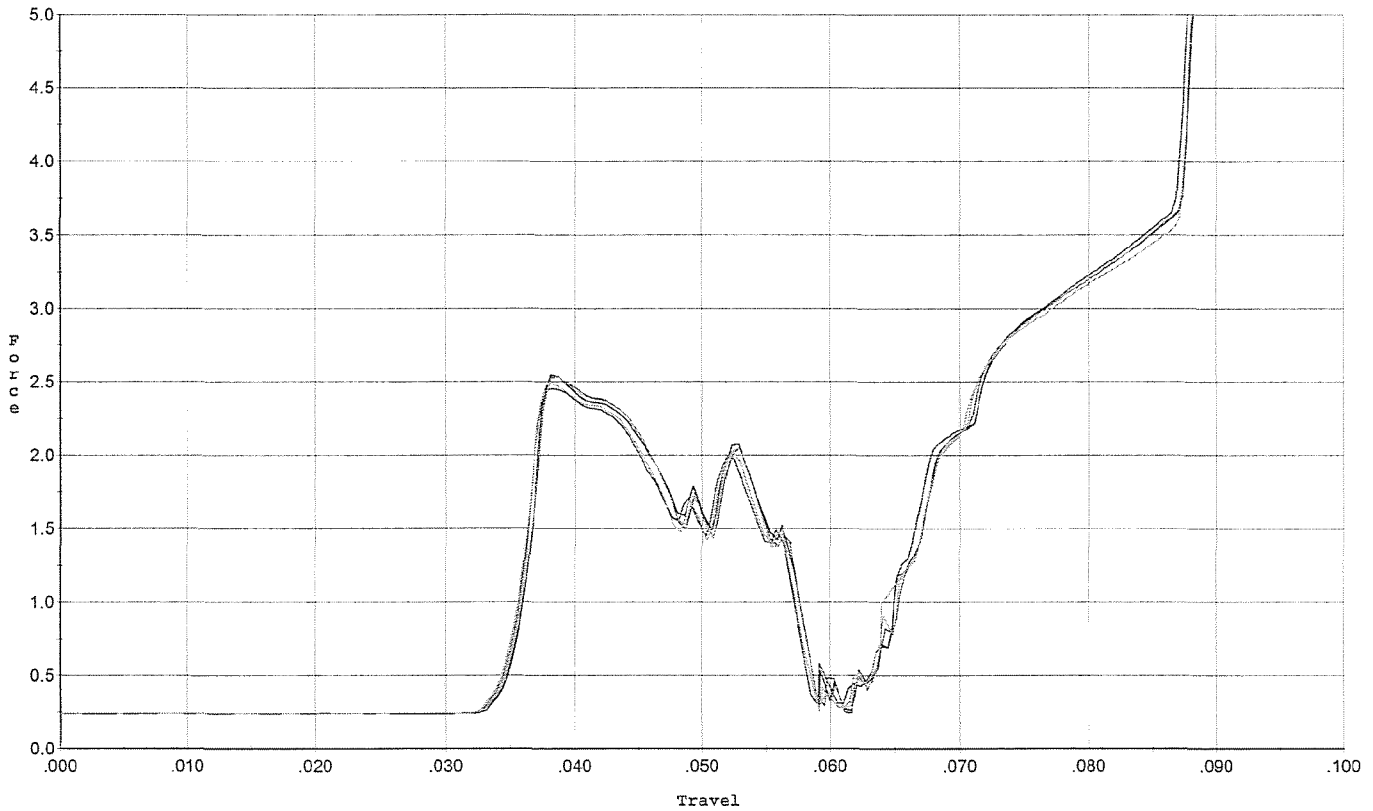
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.744	0.057	0.035	0.037	0.053		Set Trigger
2	2.593	0.057	0.035	0.037	0.050		Set Trigger
3	2.655	0.057	0.035	0.037	0.050		Set Trigger
4	2.673	0.057	0.035	0.037	0.051		Set Trigger
5	2.617	0.057	0.035	0.037	0.051		Set Trigger

Avg 2.65

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 7/17/08

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



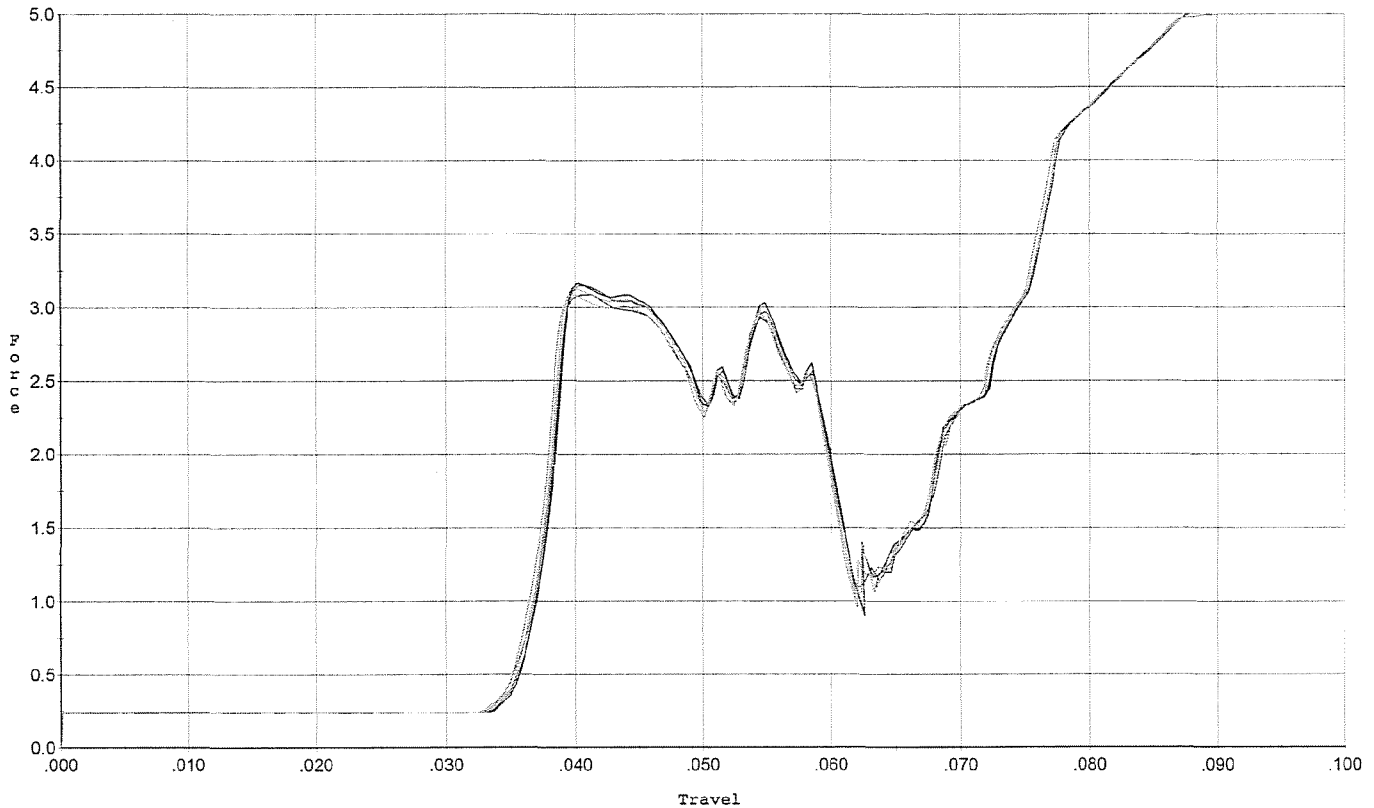
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.454	0.056	0.034	0.037	0.049		Set Trigger
2	2.545	0.057	0.034	0.037	0.050		Set Trigger
3	2.533	0.057	0.034	0.037	0.050		Set Trigger
4	2.539	0.057	0.034	0.037	0.050		Set Trigger
5	2.494	0.056	0.034	0.037	0.049		Set Trigger

Avg 2.51

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 7/17/08

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



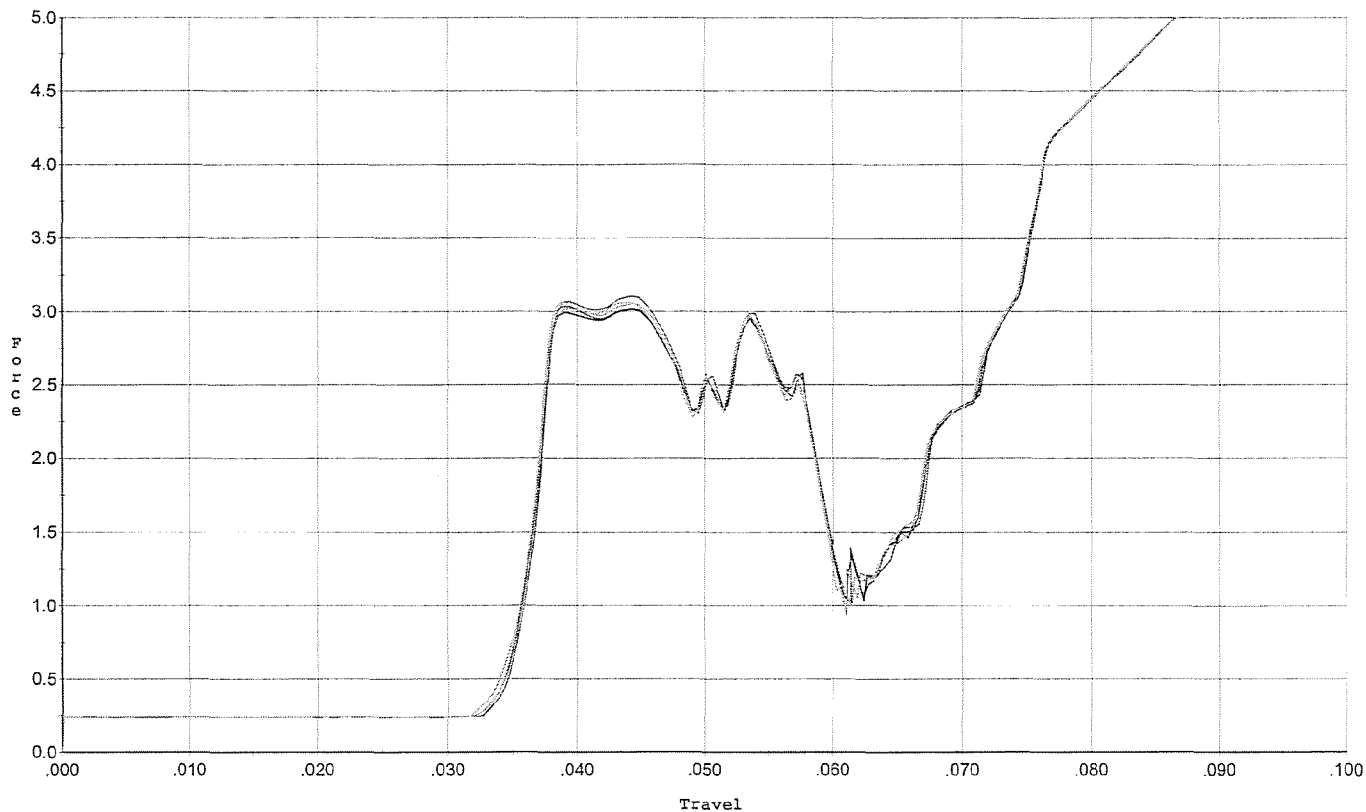
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.151	0.060	0.035	0.036	0.071		Set Trigger
2	3.168	0.060	0.035	0.036	0.072		Set Trigger
3	3.085	0.059	0.035	0.036	0.069		Set Trigger
4	3.125	0.059	0.035	0.036	0.070		Set Trigger
5	3.087	0.059	0.035	0.036	0.070		Set Trigger

Avg 3.12

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 7/17/08

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



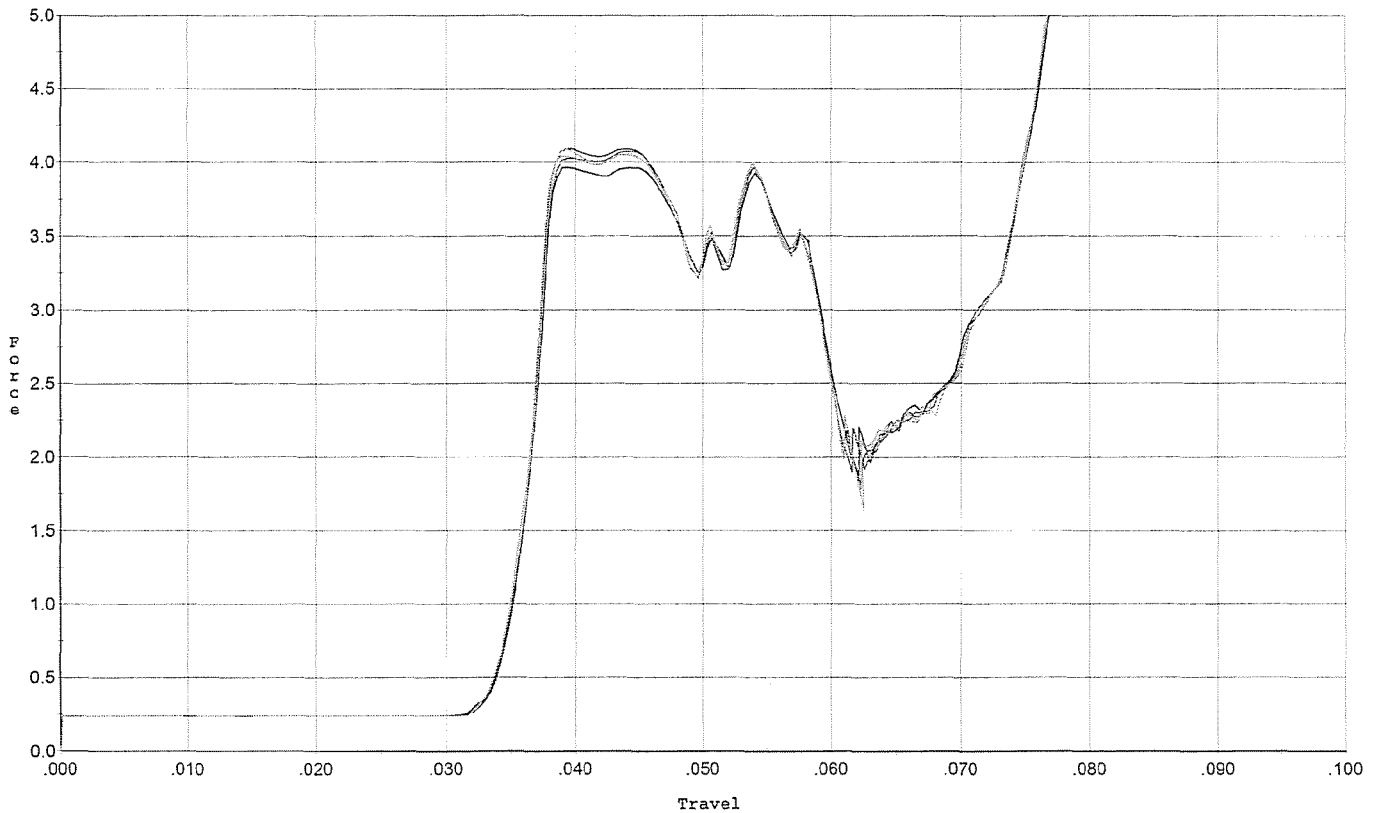
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.036	0.058	0.034	0.036	0.068		Set Trigger
2	3.015	0.058	0.034	0.035	0.069		Set Trigger
3	3.103	0.058	0.034	0.036	0.069		Set Trigger
4	3.068	0.058	0.034	0.035	0.070		Set Trigger
5	3.054	0.058	0.034	0.035	0.069		Set Trigger

Avg 3.05

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 7/17/08

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



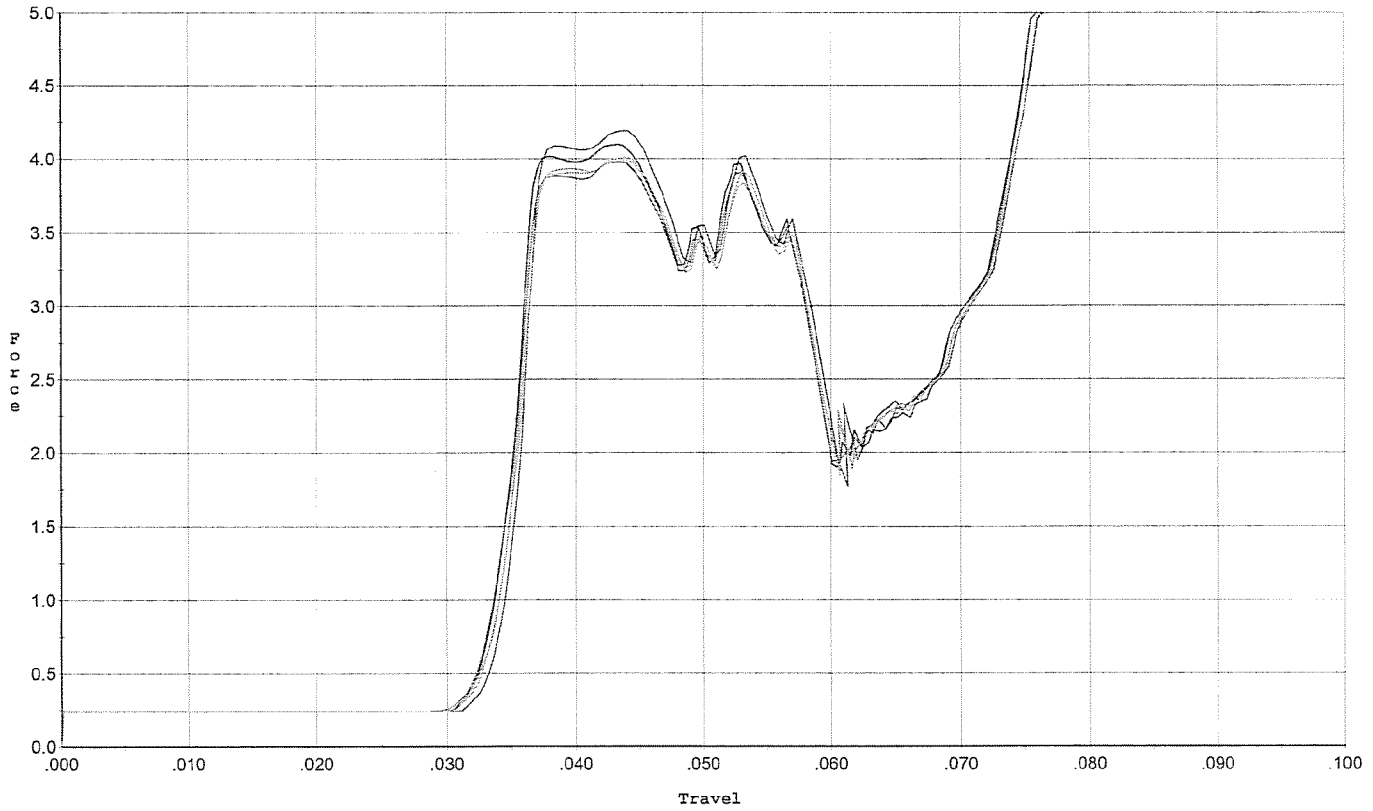
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.091	0.059	0.034	0.033	0.094		Set Trigger
2	3.966	0.058	0.033	0.033	0.092		Set Trigger
3	4.069	0.058	0.034	0.033	0.093		Set Trigger
4	4.089	0.058	0.033	0.033	0.094		Set Trigger
5	4.055	0.059	0.033	0.033	0.094		Set Trigger

AVG 4.05

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 7/17/08

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



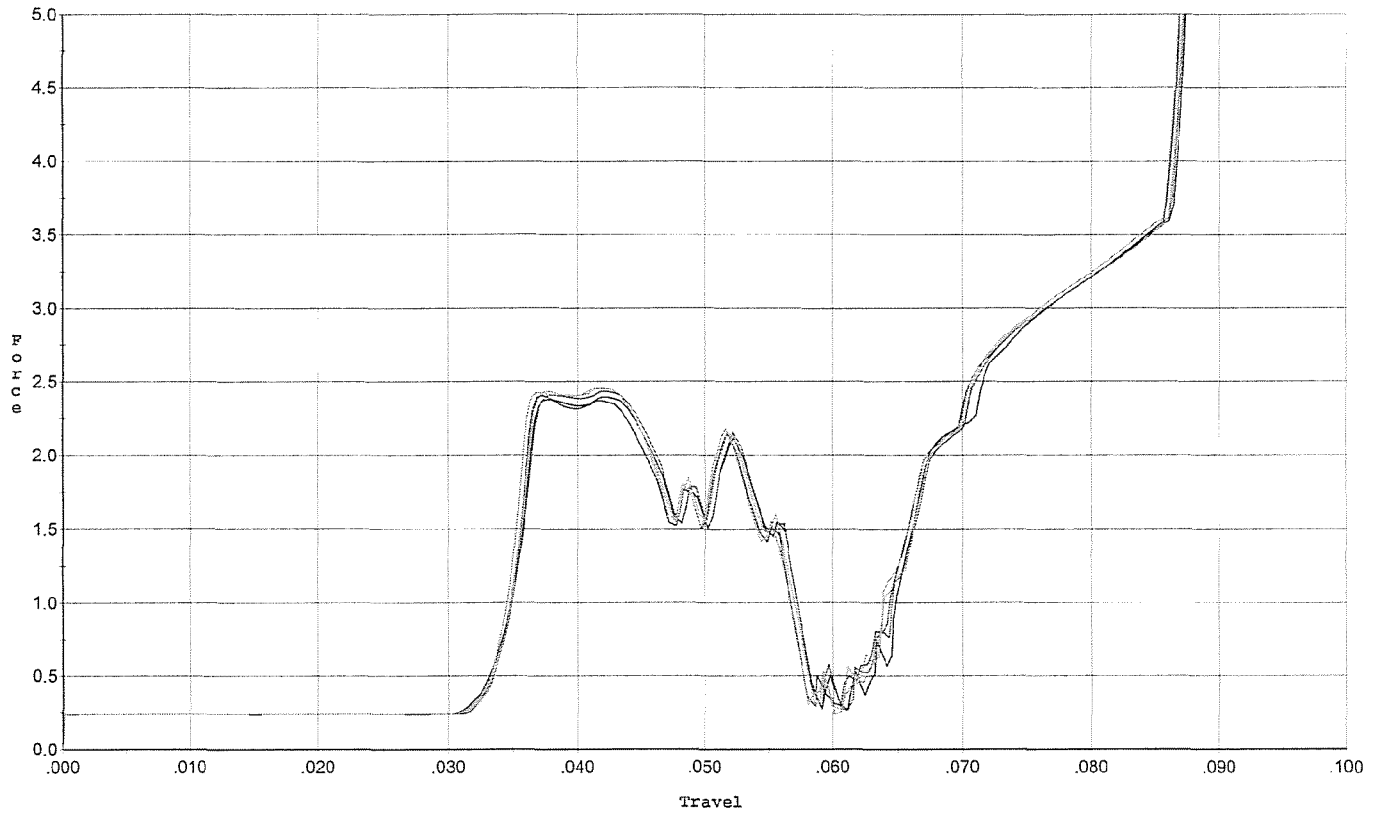
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.193	0.058	0.033	0.033	0.096		Set Trigger
2	4.097	0.058	0.032	0.033	0.095		Set Trigger
3	3.980	0.058	0.032	0.033	0.093		Set Trigger
4	4.012	0.057	0.032	0.033	0.092		Set Trigger
5	3.989	0.057	0.032	0.033	0.092		Set Trigger

AVG 4.05

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 7/17/08

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



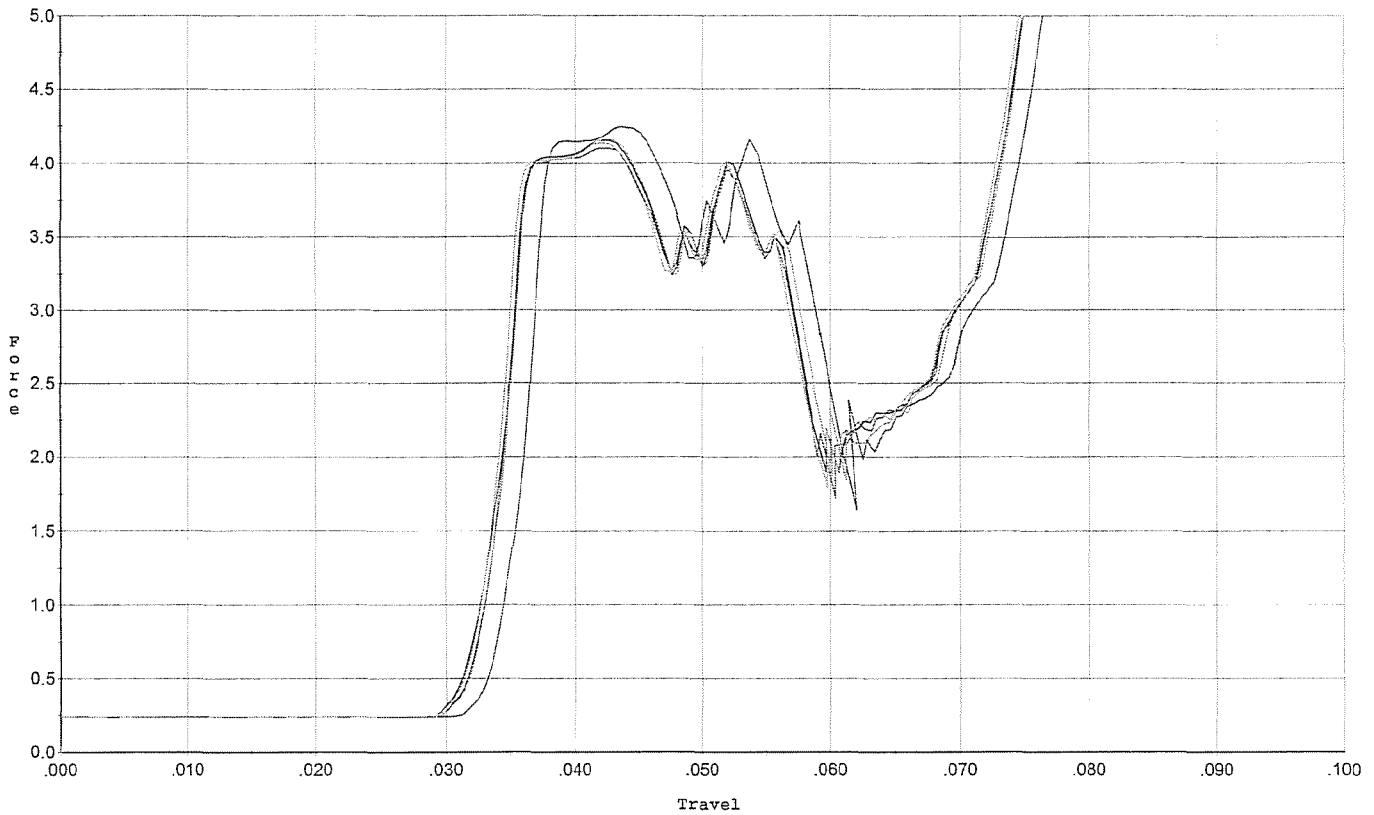
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.405	0.056	0.033	0.036	0.050		Set Trigger
2	2.393	0.056	0.033	0.036	0.052		Set Trigger
3	2.434	0.056	0.033	0.036	0.052		Set Trigger
4	2.455	0.057	0.033	0.036	0.053		Set Trigger
5	2.458	0.056	0.033	0.036	0.052		Set Trigger

Avg 2.42

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 7/17/08

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	4.243	0.059	0.033	0.033	0.099		Set Trigger
2	4.153	0.056	0.031	0.033	0.094		Set Trigger
3	4.099	0.057	0.031	0.033	0.094		Set Trigger
4	4.136	0.056	0.031	0.033	0.093		Set Trigger
5	4.160	0.057	0.031	0.032	0.095		Set Trigger

Avg 4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587598.___0
FILE DATE AND TIME: 08/06/2008 14:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.000
The Average Y Centroid of the Five Target Set:	-0.036
The Average Point of Impact of the Five Target Set:	0.036
The Average Mean Radius of the Five Target Set:	0.620
The Distance from POA to Centroid Target #1:	0.120
The Distance from Centroid Target #2 to Centroid Target #1:	0.216
The Distance from Centroid Target #3 to Centroid Target #1:	0.113
The Distance from Centroid Target #4 to Centroid Target #1:	0.096
The Distance from Centroid Target #5 to Centroid Target #1:	0.147

BARBER - M24 0023466

SERIAL NUMBER: C6587598. __ 0

TARGET NUMBER: 1

FILE DATE: 08/06/2008

FILE TIME: 14:23

POINT#	X	Y
1:	1.347	-0.824
2:	0.415	-1.142
3:	0.141	-0.272
4:	-0.174	-0.505
5:	0.231	0.528
6:	-0.204	0.334
7:	-0.483	0.025
8:	-0.780	0.029
9:	-0.772	1.124
10:	-0.096	-0.435

X CENTROID: -0.038

Y CENTROID: -0.114

POA TO CENTROID: 0.120

HORZ SPREAD: 2.127

VERT SPREAD: 2.266

GROUP SPREAD: 2.878

MIN RADIUS: 0.239

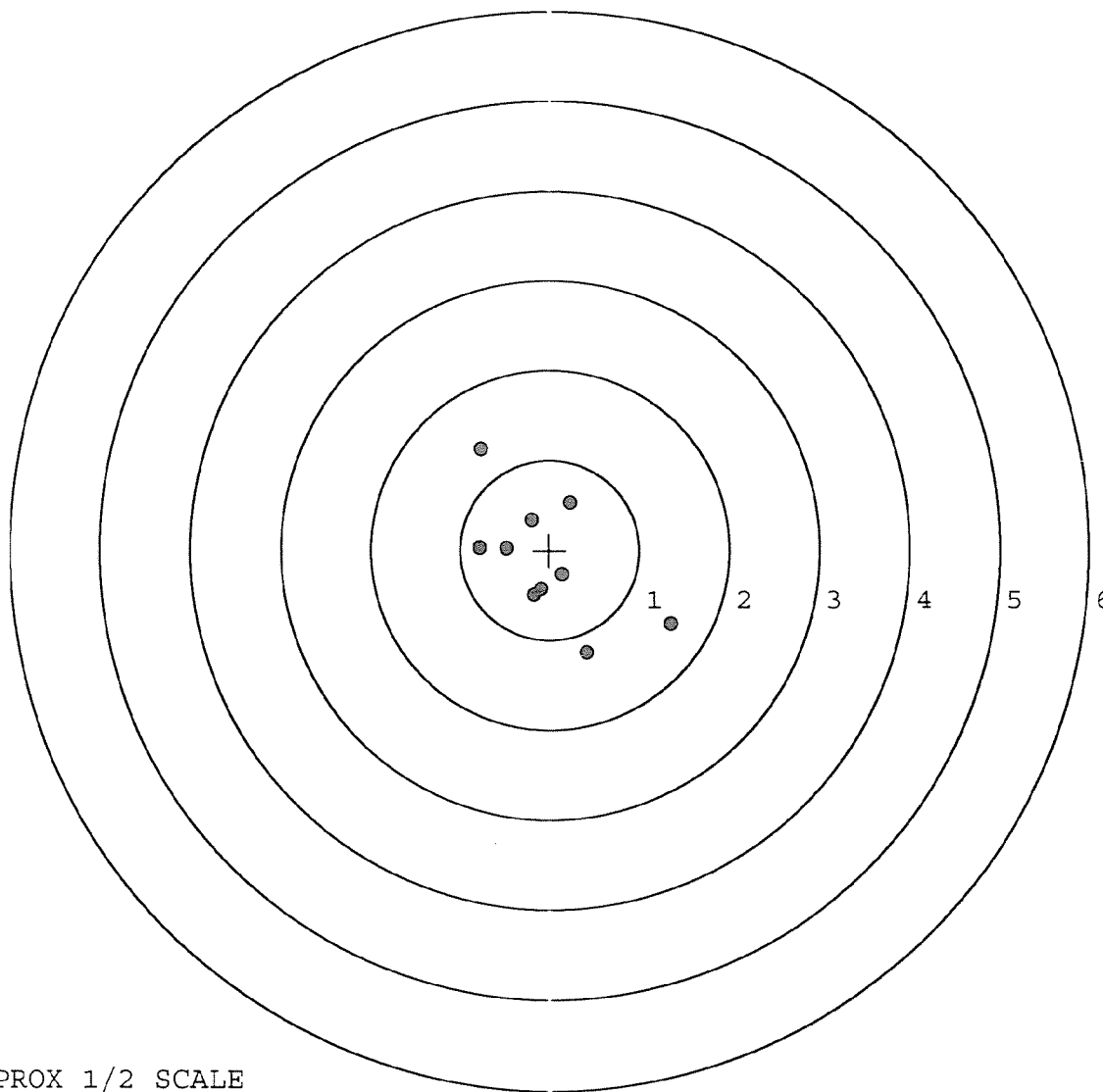
MAX RADIUS: 1.556

MEAN RADIUS: 0.749

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0023467

SERIAL NUMBER: C6587598. __ 0

TARGET NUMBER: 2

FILE DATE: 08/06/2008

FILE TIME: 14:23

X CENTROID: 0.175

Y CENTROID: -0.072

POA TO CENTROID: 0.189

HORZ SPREAD: 1.769

VERT SPREAD: 1.498

GROUP SPREAD: 2.171

MIN RADIUS: 0.208

MAX RADIUS: 1.394

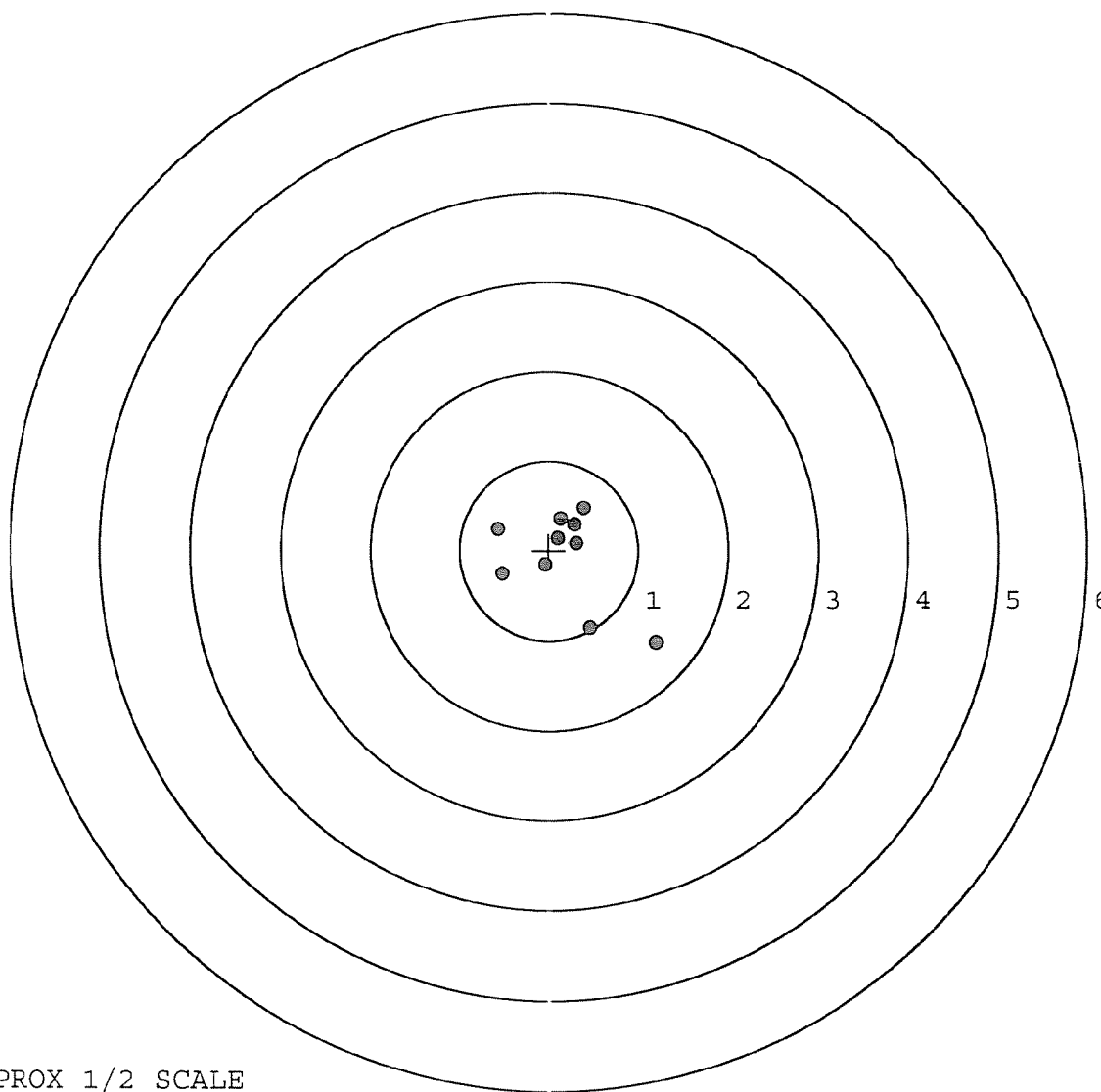
MEAN RADIUS: 0.583

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.196	-1.021
2:	0.461	-0.860
3:	-0.042	-0.165
4:	-0.523	-0.264
5:	-0.573	0.238
6:	0.390	0.477
7:	0.139	0.357
8:	0.289	0.292
9:	0.101	0.138
10:	0.310	0.086



TARGET APPROX 1/2 SCALE

BARBER - M24 0023468

SERIAL NUMBER: C6587598. __0

TARGET NUMBER: 3

FILE DATE: 08/06/2008

FILE TIME: 14:23

POINT#	X	Y
1:	0.574	-1.001
2:	0.676	-0.080
3:	0.220	0.327
4:	-0.404	0.780
5:	0.102	1.358
6:	-0.209	0.099
7:	-0.147	-0.291
8:	-0.112	-0.467
9:	-0.595	-0.269
10:	-0.620	-0.474

X CENTROID: -0.051

Y CENTROID: -0.002

POA TO CENTROID: 0.052

HORZ SPREAD: 1.296

VERT SPREAD: 2.359

GROUP SPREAD: 2.406

MIN RADIUS: 0.187

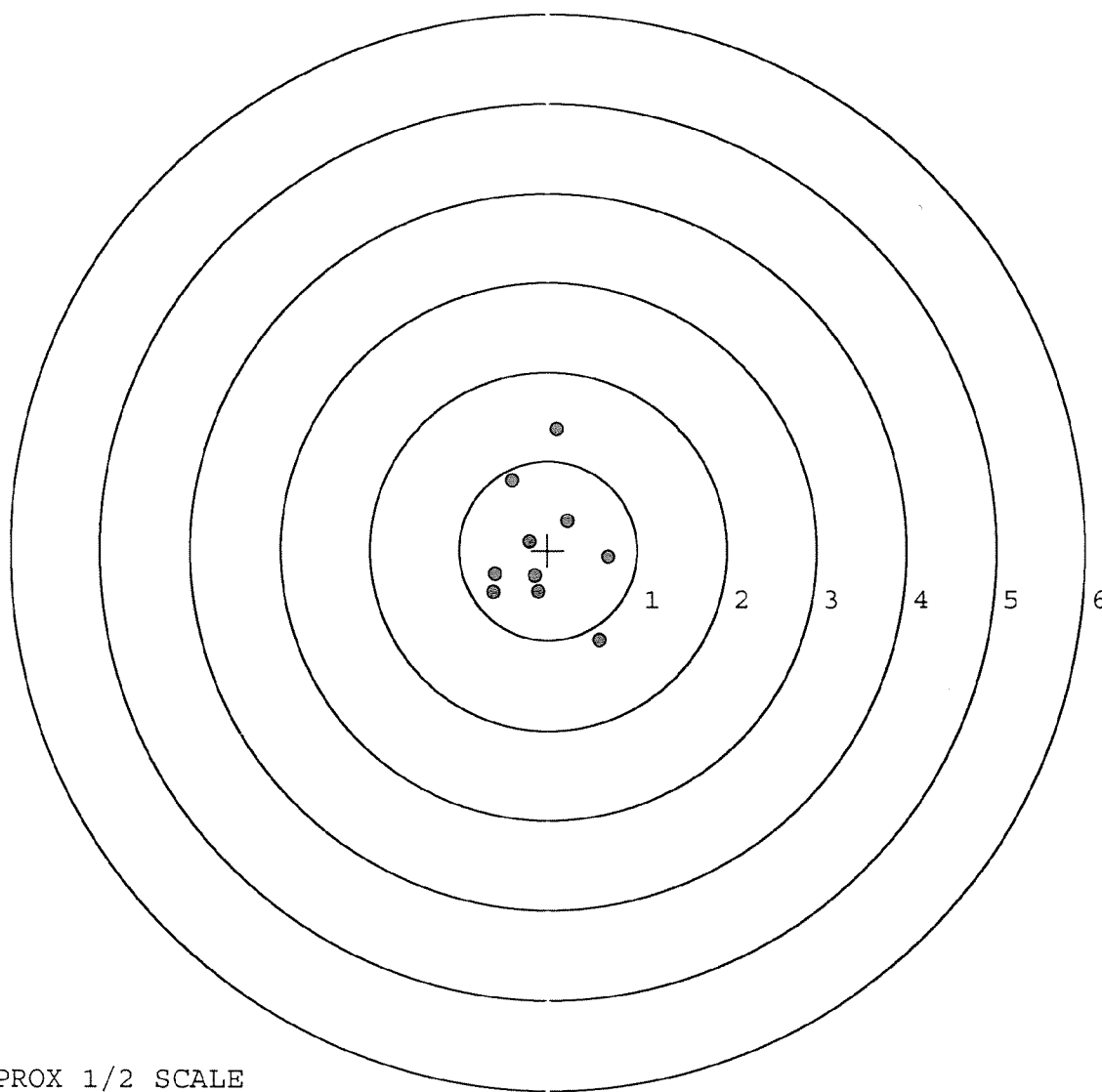
MAX RADIUS: 1.368

MEAN RADIUS: 0.687

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0023469

SERIAL NUMBER: C6587598. __0

TARGET NUMBER: 4

FILE DATE: 08/06/2008

FILE TIME: 14:23

POINT#	X	Y
1:	0.541	0.346
2:	0.317	0.624
3:	-0.453	0.506
4:	0.613	-0.242
5:	0.276	-0.233
6:	-0.223	-0.109
7:	-0.608	0.021
8:	-1.141	0.123
9:	-0.281	-0.548
10:	0.290	-0.713

X CENTROID: -0.067

Y CENTROID: -0.022

POA TO CENTROID: 0.071

HORZ SPREAD: 1.754

VERT SPREAD: 1.337

GROUP SPREAD: 1.792

MIN RADIUS: 0.178

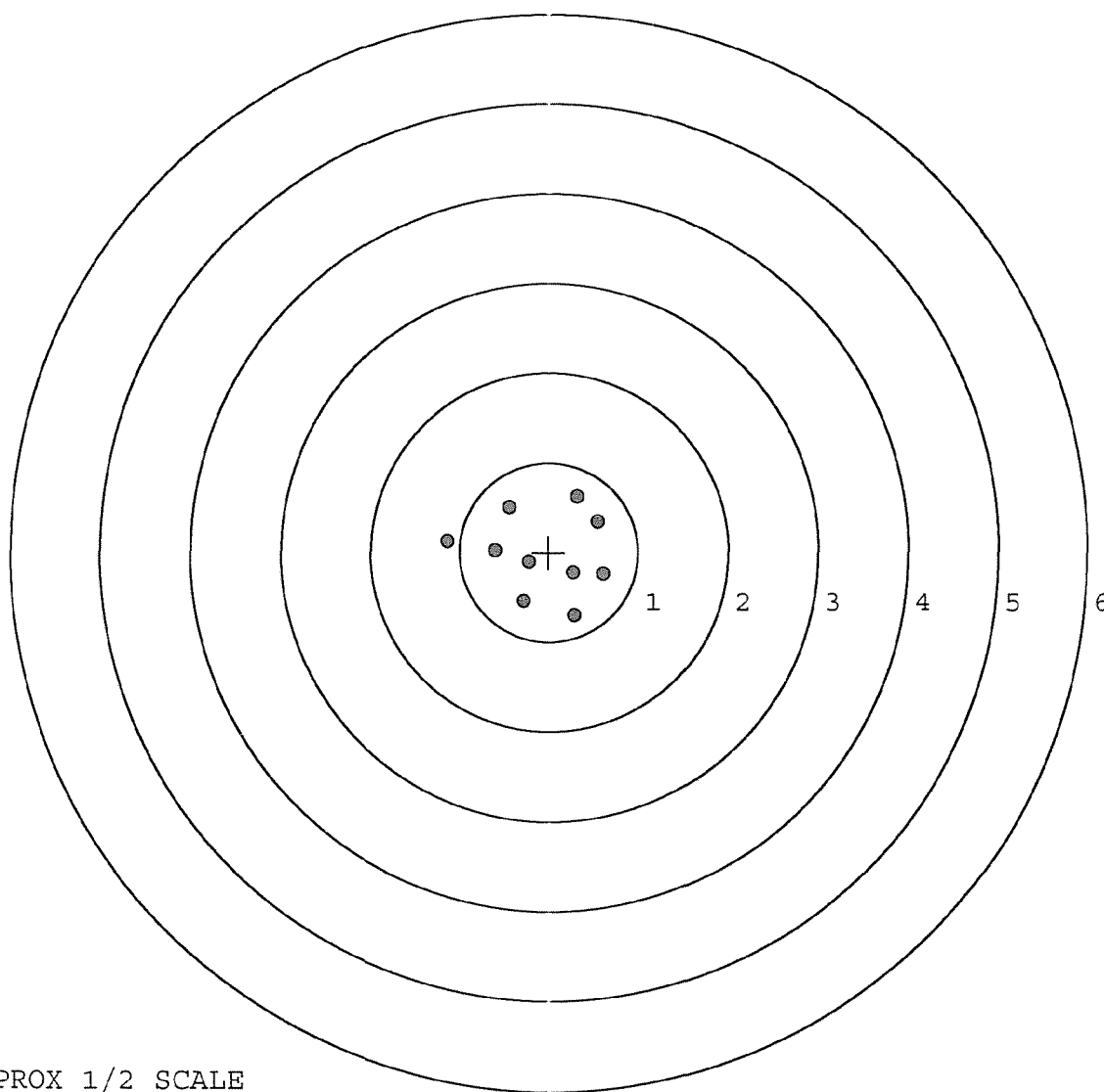
MAX RADIUS: 1.084

MEAN RADIUS: 0.638

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0023470

SERIAL NUMBER: C6587598. __0

TARGET NUMBER: 5

FILE DATE: 08/06/2008

FILE TIME: 14:23

POINT#	X	Y
1:	0.657	-0.777
2:	-0.080	-0.411
3:	0.441	0.002
4:	0.243	0.345
5:	0.027	0.289
6:	-0.264	-0.114
7:	-0.522	0.121
8:	-0.497	0.526
9:	-0.095	0.112
10:	-0.109	0.225

X CENTROID: -0.020

Y CENTROID: 0.032

POA TO CENTROID: 0.038

HORZ SPREAD: 1.179

VERT SPREAD: 1.303

GROUP SPREAD: 1.741

MIN RADIUS: 0.110

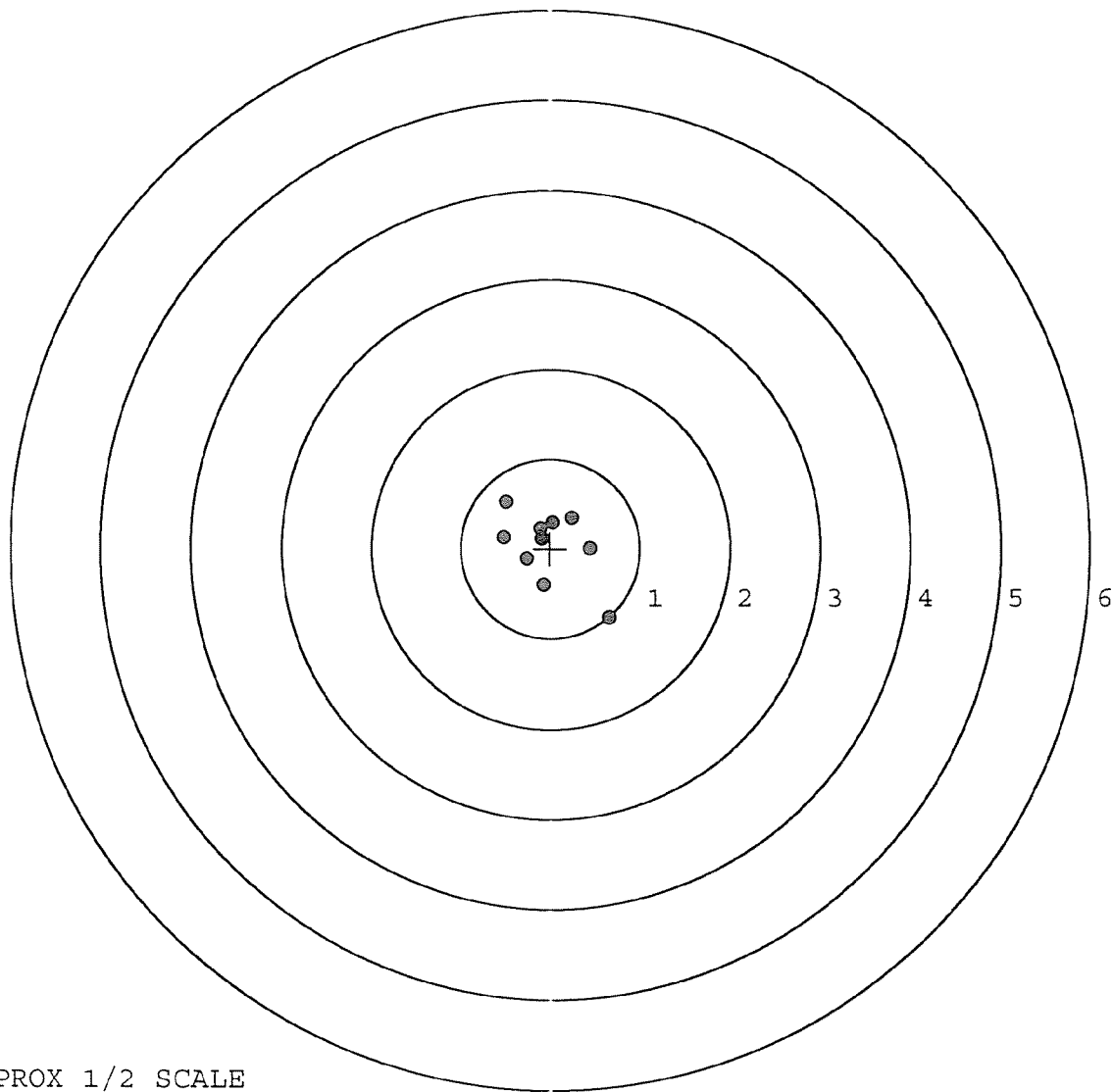
MAX RADIUS: 1.055

MEAN RADIUS: 0.444

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

Model 700™ H24

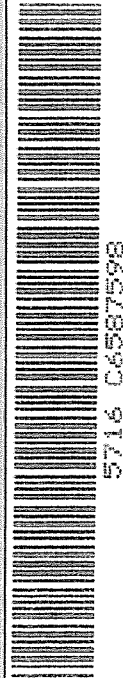
DUPONT
REG. U.S. PAT. & TM. OFF.

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

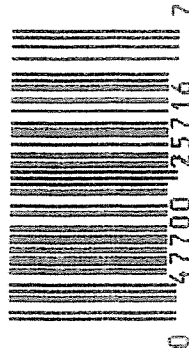
SERIAL NO.
 C6587598

ORDER NO.
 5716

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



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587598

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/19/90	KX
600	Proof		10/19/90	KX
607	Check Headspace		10/19/90	KX
610	Dis-assemble Gun		10/19/90	KX
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	BS
617	Drill and Tap Sight Holes		10/23/90	KB
618	Polish Barrel <i>RB</i>		10/24/90	KB
620	Apply Coatings (Barrel Action)		11-1-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-8-90	KS

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5.3/4	5.0	5.0			11/7/90	KS
	G) Safety Off Force	2 3/4	2 3/4	2 1/2			11/7/90	KS
	H) Trigger Pull Test & Retainability						11-8-90	JH
	I) Firing Pin Indent	.022	.022	.023			11/7/90	KS
	J) Assemble Stock						11/9/90	KS
	K) Assemble Swivel Studs						12-8-90	KS
	L) Attach Front and Rear Sight Assemblies						11/9/90	KS
	M) Iron Sight Alignment						11/9/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/9/90	KS
	O) Attach Scope to Rifle						11/9/90	KS
	P) Detach & Attach Scope 20 Times						11/9/90	KS
640	Gallery Target & Test						11-13-90	DH
	A) Time						11-13-90	DH
	B) Malfunctions						11-13-90	DH
	C) Pierced Primers						11-13-90	DH
	D) Optical Clarity of Scope						11-13-90	DH
645	Inspect for Live Ammo						11-13-90	DH
655	Final Inspection							
	A) Headspace						12-8-90	KS
	B) Trigger Pull	254	249	246	243	244	12-8-90	KS
	C) Function						12-8-90	KS
660	Pack						12/19/90	KS

MOD. _____		GA. CAL. _____	GUN # _____
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	case hits right side of chamber	KS
	2nd	New EXTRACTOR	11/ 27/ 90 RW
	3rd	100 Rdr A-890 OK DH	
	4th		

FUNCTION _____ RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06587598

DATE 11-8-90

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.31	2.22	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.21	2.25	2.49	
PULL #3	2.25	2.23	2.21	2.46	
PULL #4	2.28	2.22	2.20	2.43	
PULL #5	2.26	2.21	2.20	2.44	
TOTAL	11.31	11.18	11.08		
AVG.	2.262	2.236	2.216		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.20		
PULL #2	3.21	3.18		
PULL #3	3.19	3.19		
PULL #4	3.12	3.19		
PULL #5	3.16	3.17		
TOTAL	15.92	15.93		
AVG.	3.184	3.186		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.19		4.30
PULL #2	4.40	4.27		4.31
PULL #3	4.44	4.25		4.27
PULL #4	4.43	4.28		4.24
PULL #5	4.24	4.26		4.13
TOTAL	21.90	21.25		21.25
AVG.	4.38	4.25		4.25

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587598
13 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.427057
1 TO	2	.164584
1 TO	3	1.17992
1 TO	4	.603805
1 TO	5	.465639

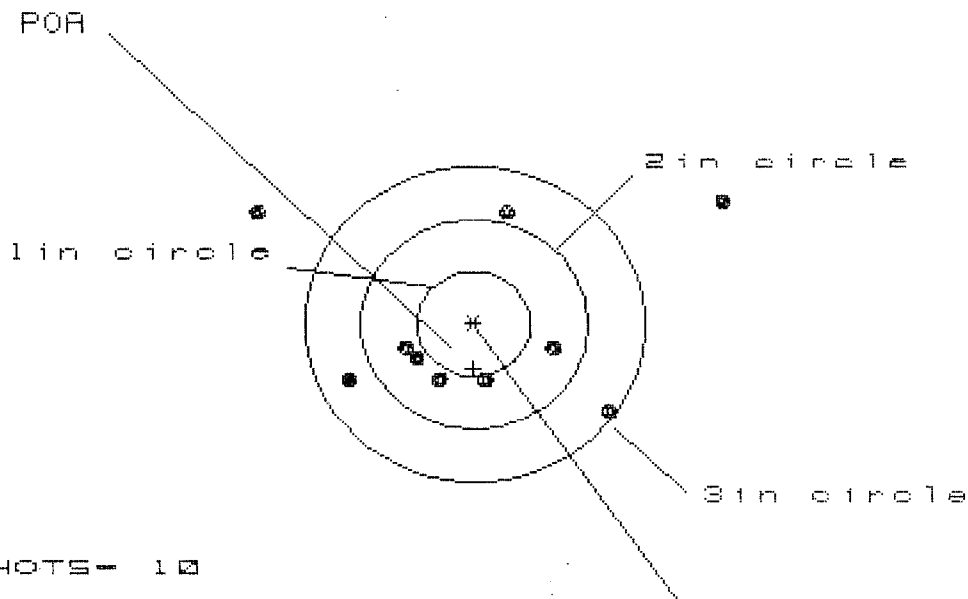
2
+4 <----POA
3

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .092
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0120
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0928862
THE AMR FOR THIS RIFLE IS: 1.095

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587598

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 4.080

VS= 1.997

GS= 4.081

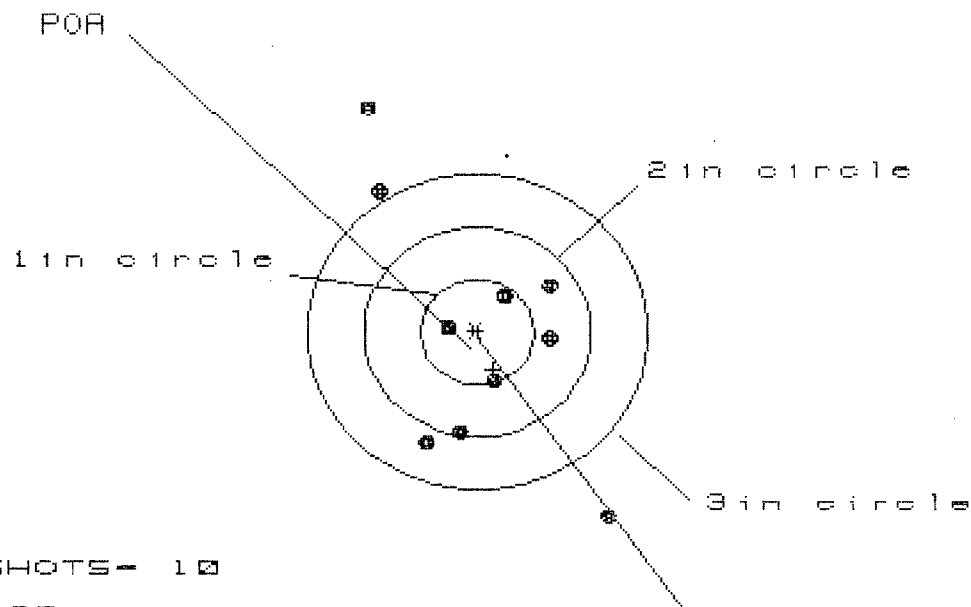
CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.180	1.458	1.251
MINIMUM X	:	-1.900	-1.658	-1.054
MAXIMUM Y	:	1.123	1.236	1.383
MINIMUM Y	:	-.874	-.749	-.602
CENTROID X	:	.007	-.235	-.028
CENTROID Y	:	.427	.302	.155
POA TO CENTROID in.	:	.427	.383	.157
MIN RADIUS	:	.509	.349	.256
MEAN RADIUS	:	1.166	.952	.794
MAX RADIUS	:	2.452	2.035	1.412
HORIZONTAL SPREAD	:	4.080	3.116	2.305
VERTICAL SPREAD	:	1.997	1.985	1.985
EXTREME SPREAD	:	4.081	3.665	2.333
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8587598

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 7

HS= 2.171

VS= 3.910

GS= 4.472

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.168	1.057	.708
MINIMUM X	:	-1.003	-1.006	-.874
MAXIMUM Y	:	2.113	1.619	1.424
MINIMUM Y	:	-1.797	-1.562	-1.013
CENTROID X	:	-.141	-.030	-.162
CENTROID Y	:	.355	.120	.315
POA TO CENTROID in.	:	.382	.124	.354
MIN RADIUS	:	.278	.226	.271
MEAN RADIUS	:	1.087	.924	.798
MAX RADIUS	:	2.339	1.906	1.671
HORIZONTAL SPREAD	:	2.171	2.063	1.582
VERTICAL SPREAD	:	3.910	3.181	2.437
EXTREME SPREAD	:	4.472	3.791	2.479
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587598

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 2

3 in = 8

HS = 2.199

VS = 3.493

GS = 3.551

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.960	.929	.970
MINIMUM X	:	-1.239	-1.270	-1.229
MAXIMUM Y	:	1.637	1.431	.964
MINIMUM Y	:	-1.856	-1.314	-1.136
CENTROID X	:	.090	.121	.080
CENTROID Y	:	-.750	-.544	-.722
POA TO CENTROID in.	:	.755	.557	.727
MIN RADIUS	:	.987	.824	.987
MEAN RADIUS	:	1.271	1.177	1.143
MAX RADIUS	:	1.877	1.503	1.372
HORIZONTAL SPREAD	:	2.199	2.199	2.199
VERTICAL SPREAD	:	3.493	2.745	2.100
EXTREME SPREAD	:	3.551	2.804	2.592
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	

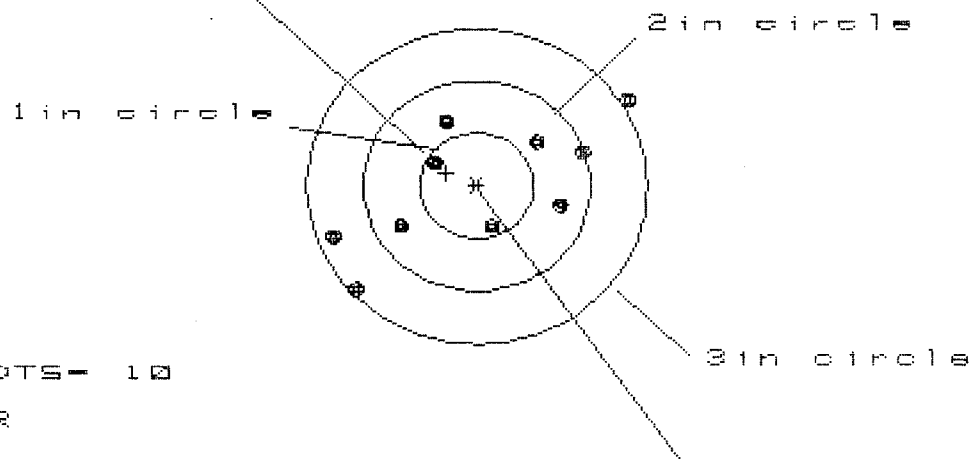
13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587598

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.644

VS= 1.812

GS= 3.038

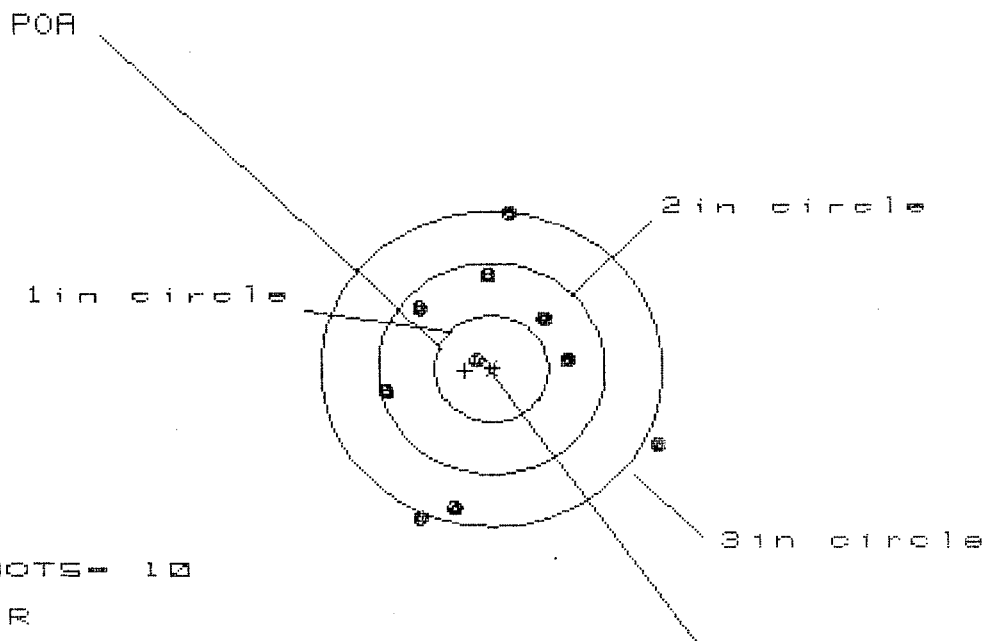
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.367	1.108	.993
MINIMUM X	:	-1.277	-1.125	-1.240
MAXIMUM Y	:	.833	.737	.626
MINIMUM Y	:	-.980	-.887	-.505
CENTROID X	:	.269	.117	.232
CENTROID Y	:	-.117	-.209	-.098
POA TO CENTROID in.	:	.293	.239	.252
MIN RADIUS	:	.443	.367	.404
MEAN RADIUS	:	.919	.834	.766
MAX RADIUS	:	1.601	1.278	1.338
HORIZONTAL SPREAD	:	2.644	2.233	2.233
VERTICAL SPREAD	:	1.812	1.624	1.131
EXTREME SPREAD	:	3.038	2.400	2.369
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

13 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587598

CENTERFIRE PATTERNS

5



OF SHOTS - 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.433

VS= 2.949

GS= 3.052

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.458	.828	.771
MINIMUM X	:	-.976	-.814	-.871
MAXIMUM Y	:	1.522	1.442	1.253
MINIMUM Y	:	-1.427	-1.507	-1.552
CENTROID X	:	.235	.073	.130
CENTROID Y	:	.021	.100	.289
POA TO CENTROID in.	:	.235	.124	.317
MIN RADIUS	:	.196	.030	.169
MEAN RADIUS	:	1.033	.935	.833
MAX RADIUS	:	1.625	1.576	1.574
HORIZONTAL SPREAD	:	2.433	1.642	1.642
VERTICAL SPREAD	:	2.949	2.949	2.805
EXTREME SPREAD	:	3.052	3.052	2.855
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	