

C6611498

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*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: RE00146425

Serial: C6611498 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 6/16/2008 6:13:01 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: BLDG 299

BLDG 299

Address 2: GILLESPIE AVE

PO Box:

GILLESPIE AVE

PO Box:

City: ROCK ISLAND

ROCK ISLAND

State: IL

Zip Code: 61299

Country: US

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
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

nagletj

6/16/2008

9:14 AM

CAPS

NUM

INS

SCRL



9:14 AM

Number: C6611498

Model: M24 SWS



RE00146425

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	146425		
SERIAL NUMBER	C10011498		
LOG-IN DATE	6-16-08		

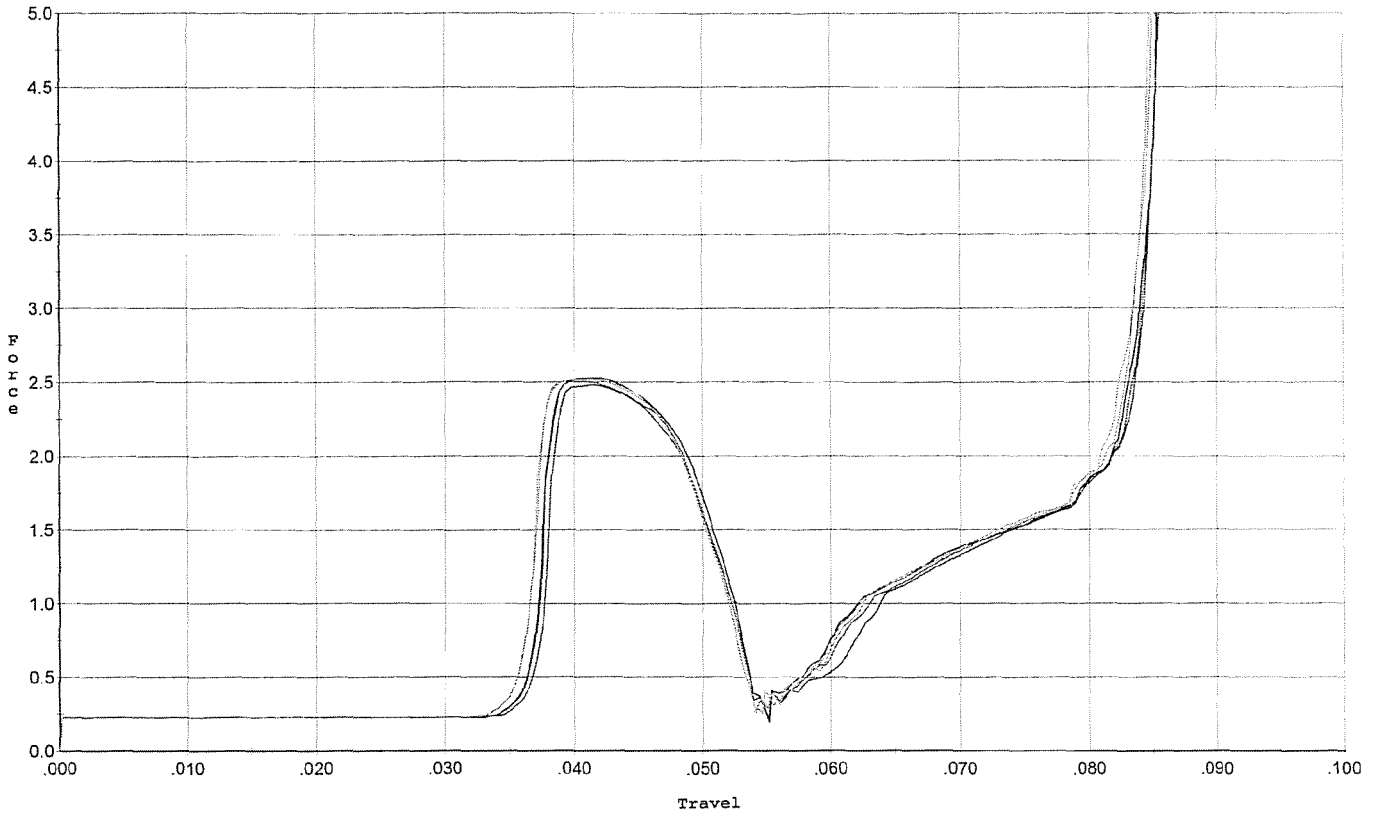
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-16-08	RTZ
505	RE-BARREL	6-16-08	BSN
420	ASSEMBLE	6-16-08	SP
440	PROOF	6-16-08	SD
460	CHECK HEADSPACE	6-16-08	SD
470	DIS-ASSEMBLE GUN	6-16-08	RP
480	MAGNAFLUX	6/17/08	unms
510	DRILL AND TAP	6-17-08	TRW
500	ROLLMARK CALIBER	6/17/08	RT
520	GOFF BLAST BBL / REC	6/17/08	TL
530 & 540	APPLY COATINGS	6/19/08	un
560	FINAL ASSEMBLY	8-8-08	RTZ
640	FUNCTION TEST AND	9-4-08	TRW
650	TARGET	9-4-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	9-4-08 FM
670	FINAL INSPECTION	9-3-08	BSN
	A) HEADSPACE	9-3-08	BSN
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.31 2.29 2.46 2.24 2.27 9-3-08 RTZ	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 8.0 RSN 7.0 RSN 8.0 RSN 4.0 4.0 4.0 BSN	
	G) SAFETY OFF FORCE	2 LBS MIN 4.0 RSN 4.0 RSN 4.0 RSN 8.0 7.0 8.0 BSN	
	I) FIRING PIN INDENT	.020 .022 .023 .023 9-4-08 BSN	
690	PACK		

F006 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/13/08

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



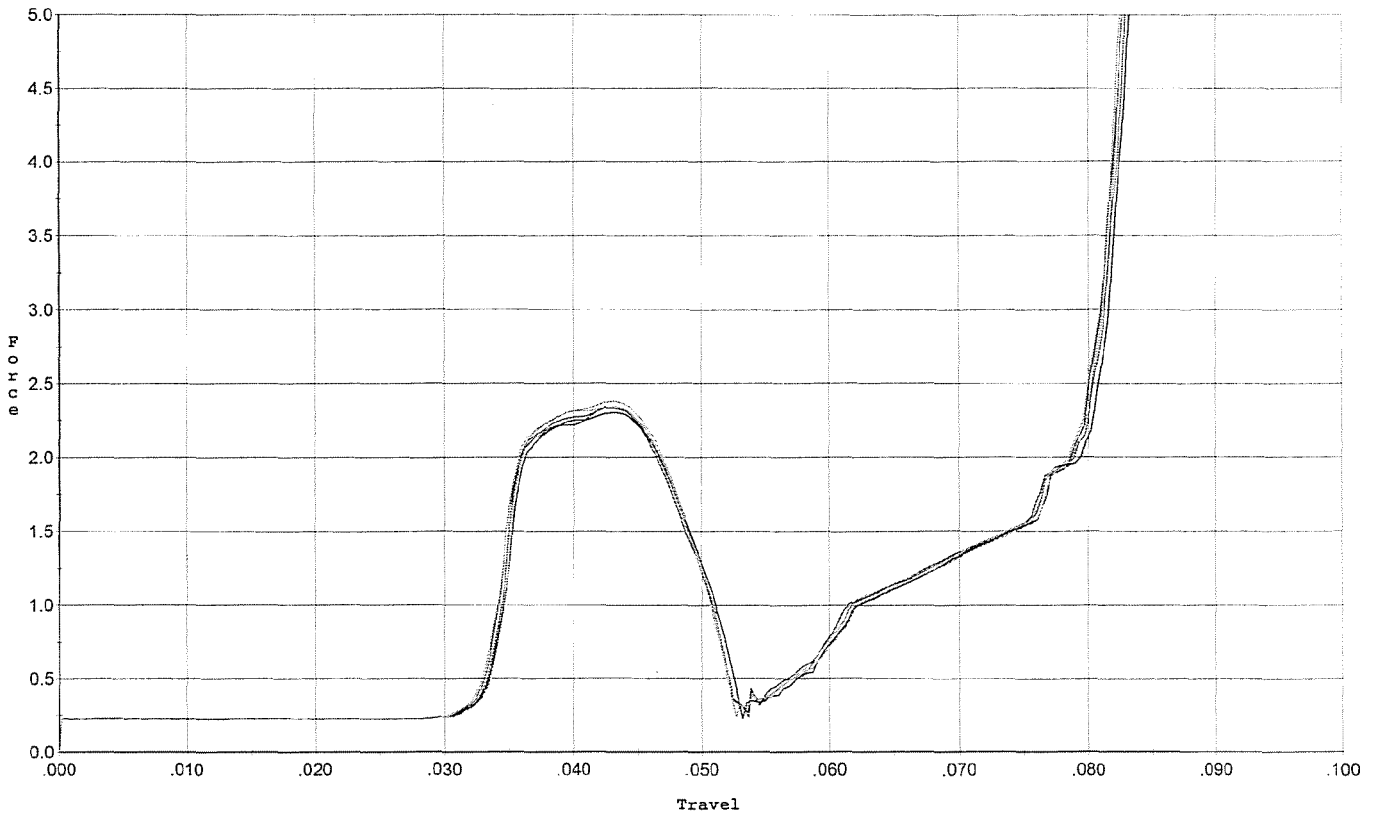
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.482	0.053	0.036	0.038	0.040		Set Trigger
2	2.526	0.052	0.036	0.038	0.042		Set Trigger
3	2.504	0.053	0.036	0.038	0.041		Set Trigger
4	2.524	0.053	0.035	0.037	0.043		Set Trigger
5	2.524	0.052	0.035	0.038	0.042		Set Trigger

Avg 2.51

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/13/08

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



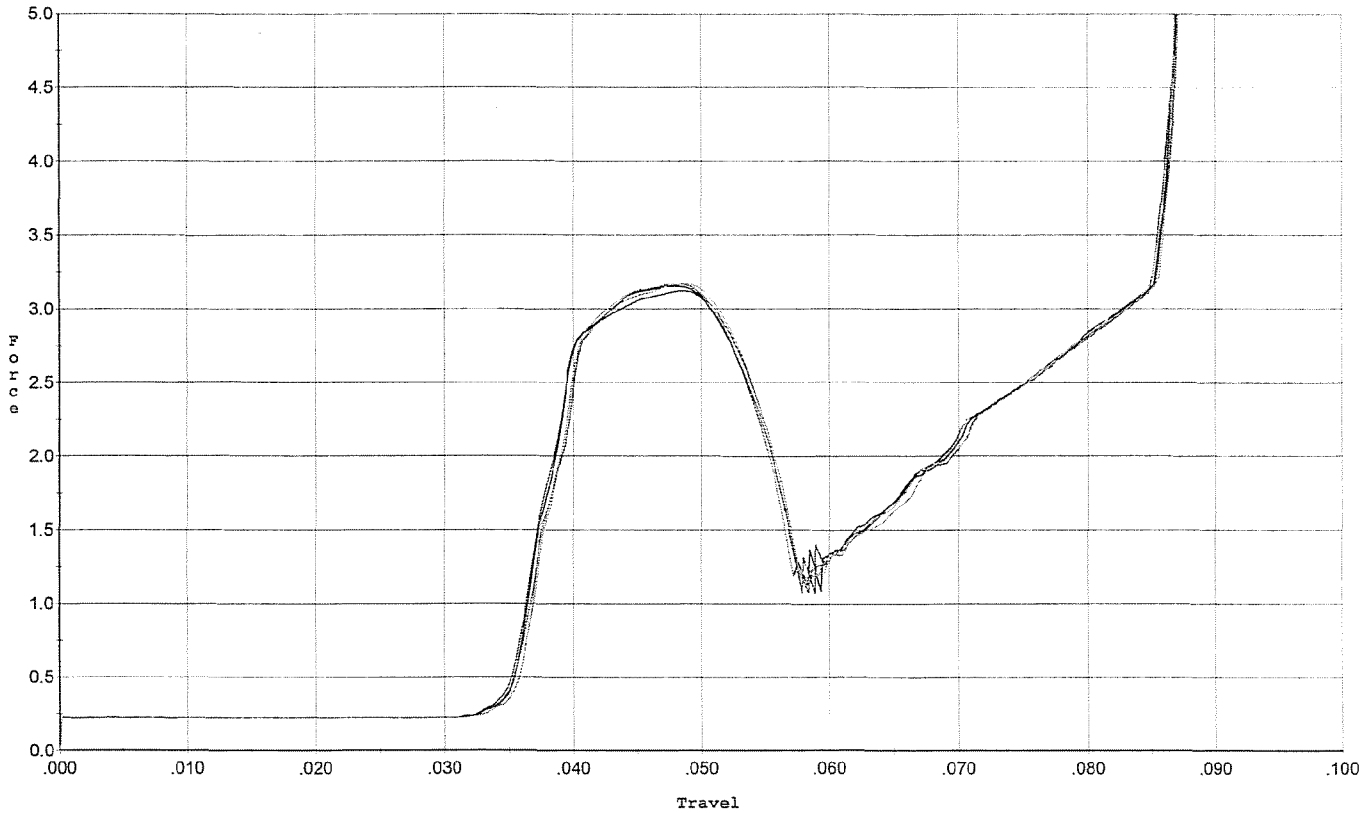
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.345	0.051	0.033	0.037	0.041		Set Trigger
2	2.304	0.052	0.033	0.037	0.042		Set Trigger
3	2.333	0.051	0.033	0.037	0.041		Set Trigger
4	2.345	0.051	0.033	0.037	0.042		Set Trigger
5	2.379	0.051	0.033	0.037	0.042		Set Trigger

AVG 2.34

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 6/13/08

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



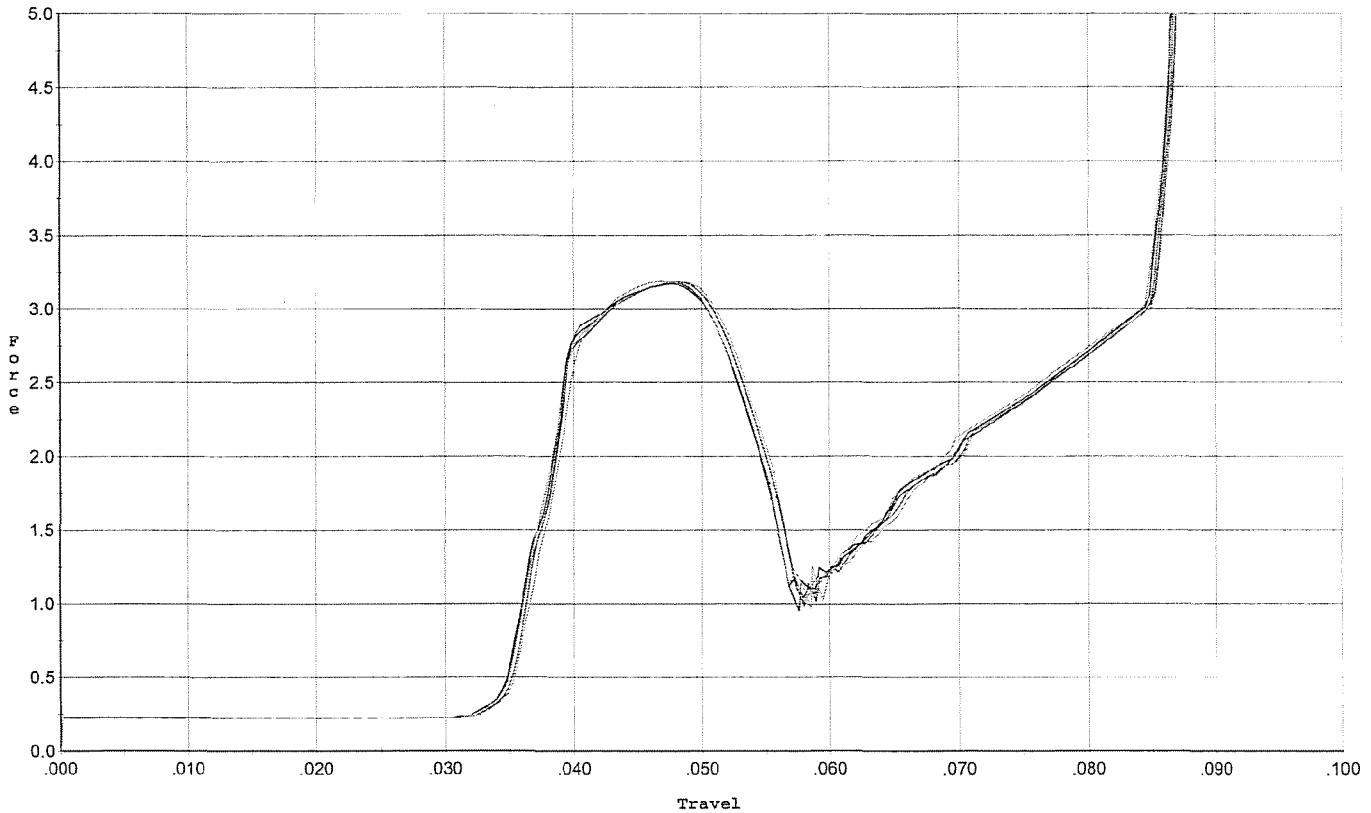
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.123	0.057	0.035	0.036	0.062		Set Trigger
2	3.153	0.056	0.035	0.036	0.061		Set Trigger
3	3.164	0.056	0.035	0.036	0.062		Set Trigger
4	3.177	0.056	0.035	0.037	0.062		Set Trigger
5	3.171	0.056	0.036	0.037	0.060		Set Trigger

Avg 3.15

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/13/08

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



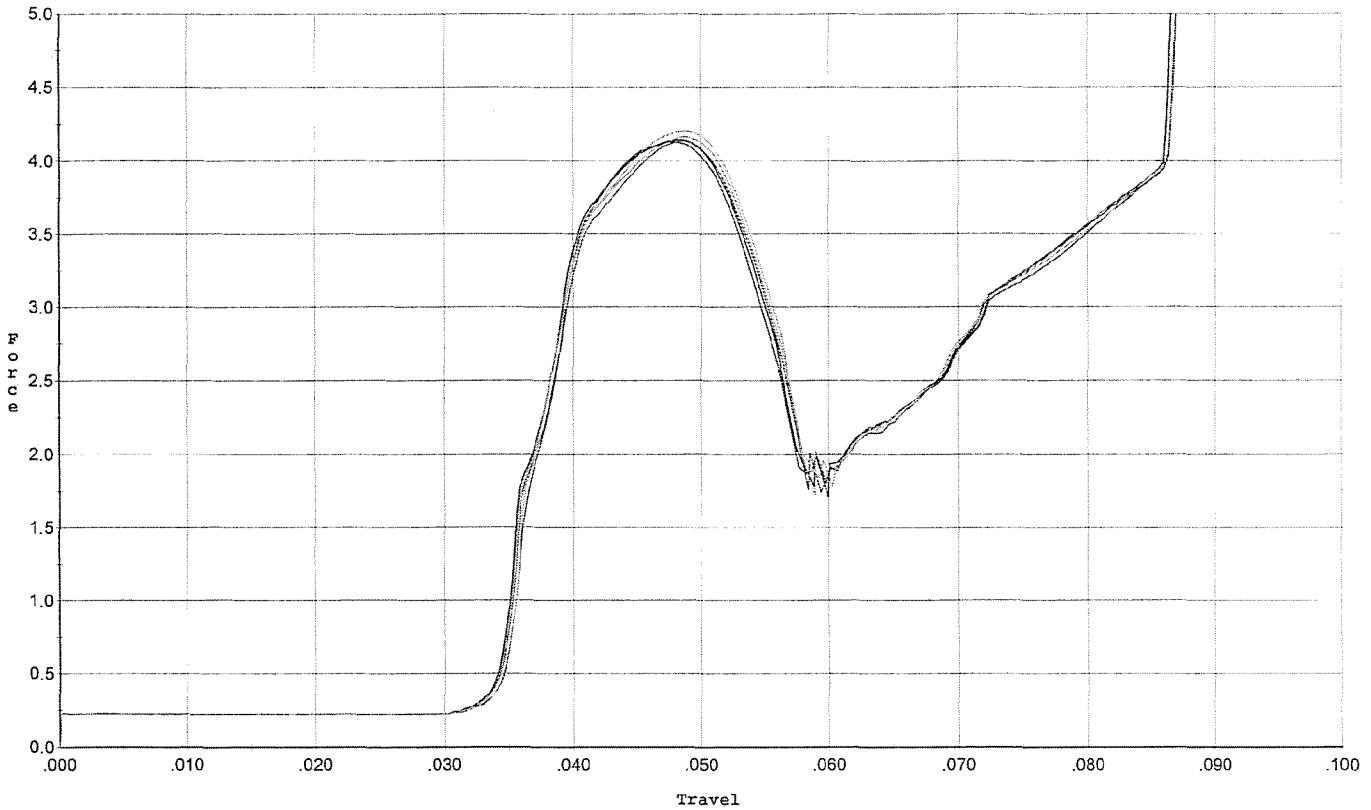
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.172	0.055	0.035	0.037	0.060		Set Trigger
2	3.176	0.055	0.034	0.036	0.060		Set Trigger
3	3.185	0.056	0.035	0.036	0.061		Set Trigger
4	3.191	0.056	0.035	0.037	0.060		Set Trigger
5	3.192	0.055	0.035	0.036	0.060		Set Trigger

Avg 3.18

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/13/08

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



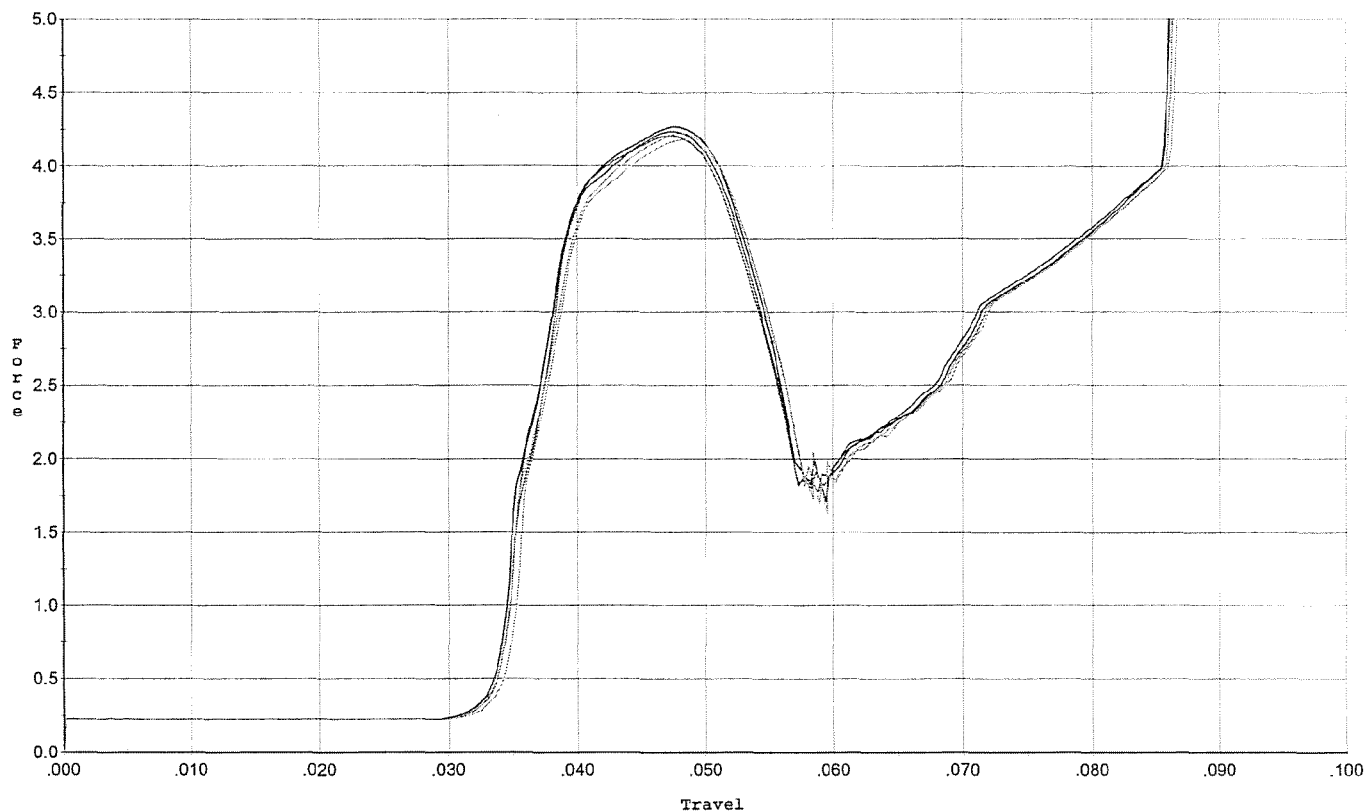
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.128	0.056	0.034	0.035	0.079		Set Trigger
2	4.142	0.056	0.034	0.035	0.080		Set Trigger
3	4.133	0.057	0.034	0.035	0.081		Set Trigger
4	4.203	0.056	0.034	0.035	0.082		Set Trigger
5	4.164	0.056	0.034	0.035	0.082		Set Trigger

Avg 4.15

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/13/08

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



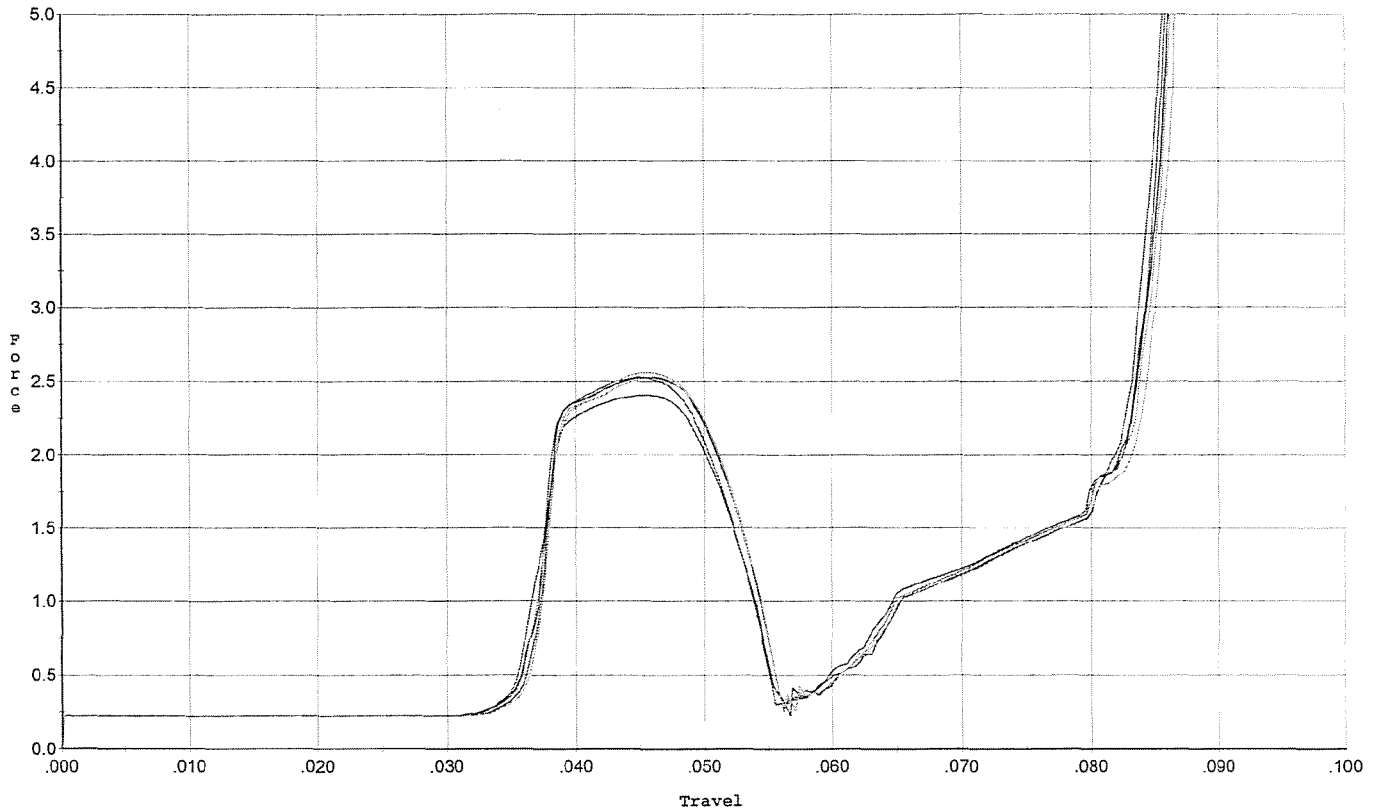
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.236	0.056	0.033	0.035	0.082		Set Trigger
2	4.268	0.055	0.033	0.034	0.083		Set Trigger
3	4.207	0.056	0.033	0.035	0.082		Set Trigger
4	4.181	0.056	0.034	0.035	0.082		Set Trigger
5	4.223	0.056	0.033	0.035	0.083		Set Trigger

Avg 4.22

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/13/08

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



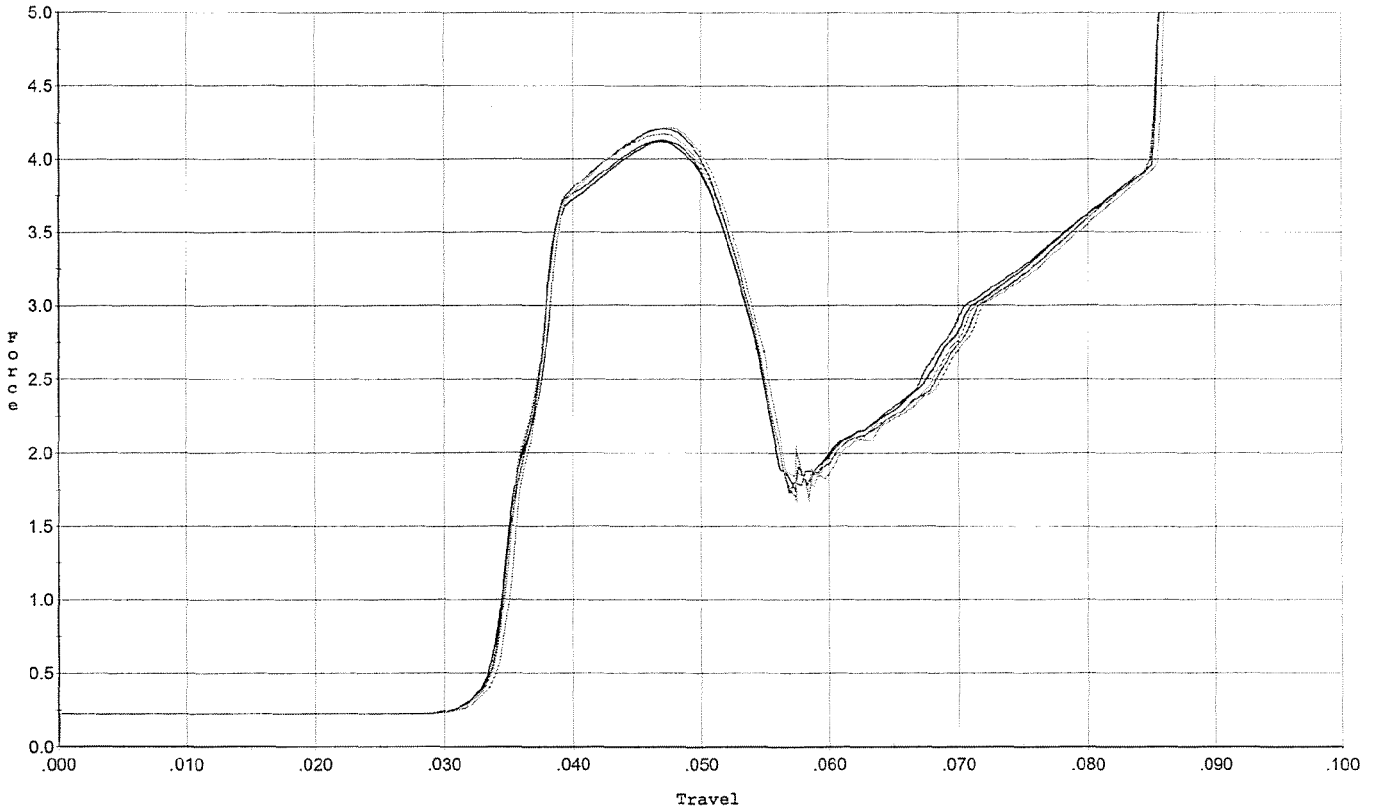
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.408	0.054	0.036	0.038	0.044		Set Trigger
2	2.525	0.055	0.035	0.038	0.047		Set Trigger
3	2.525	0.054	0.035	0.038	0.046		Set Trigger
4	2.560	0.055	0.036	0.038	0.047		Set Trigger
5	2.531	0.055	0.036	0.038	0.046		Set Trigger

Avg 2.51

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 6/13/08

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	4.128	0.054	0.033	0.035	0.078		Set Trigger
2	4.122	0.054	0.033	0.035	0.077		Set Trigger
3	4.207	0.054	0.033	0.035	0.079		Set Trigger
4	4.172	0.054	0.033	0.035	0.078		Set Trigger
5	4.216	0.055	0.034	0.035	0.079		Set Trigger

Avg 4.16

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611498.__0
FILE DATE AND TIME: 09/04/2008 11:48

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.016
The Average Y Centroid of the Five Target Set:	0.010
The Average Point of Impact of the Five Target Set:	0.019
The Average Mean Radius of the Five Target Set:	0.668
The Distance from POA to Centroid Target #1:	0.100
The Distance from Centroid Target #2 to Centroid Target #1:	0.170
The Distance from Centroid Target #3 to Centroid Target #1:	0.269
The Distance from Centroid Target #4 to Centroid Target #1:	0.092
The Distance from Centroid Target #5 to Centroid Target #1:	0.236

SERIAL NUMBER: C6611498. __0

TARGET NUMBER: 1

FILE DATE: 09/04/2008

FILE TIME: 11:48

X CENTROID: -0.061

Y CENTROID: 0.079

POA TO CENTROID: 0.100

HORZ SPREAD: 1.283

VERT SPREAD: 1.841

GROUP SPREAD: 1.867

MIN RADIUS: 0.194

MAX RADIUS: 1.002

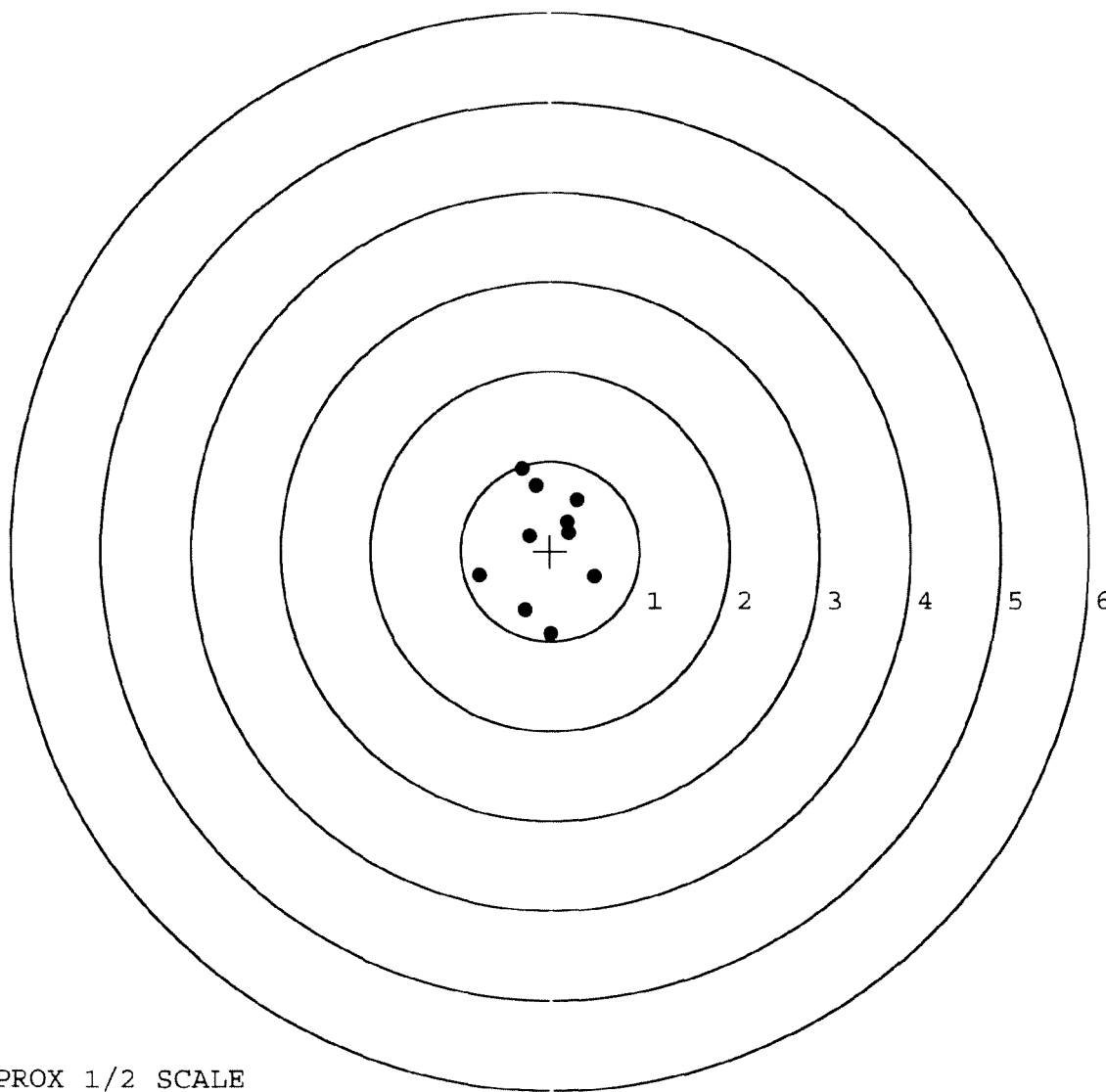
MEAN RADIUS: 0.622

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.789	-0.267
2:	-0.286	-0.655
3:	-0.006	-0.922
4:	0.494	-0.284
5:	0.205	0.203
6:	-0.230	0.173
7:	0.295	0.567
8:	-0.164	0.733
9:	-0.317	0.919
10:	0.192	0.323



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611498. __0

TARGET NUMBER: 2

FILE DATE: 09/04/2008

FILE TIME: 11:48

POINT#	X	Y
1:	0.799	-0.574
2:	0.244	-0.758
3:	-0.232	-1.380
4:	-0.464	-0.702
5:	-0.047	-0.408
6:	-0.808	0.106
7:	-0.356	0.303
8:	0.481	0.521
9:	0.296	1.162
10:	-0.580	0.821

X CENTROID: -0.067

Y CENTROID: -0.091

POA TO CENTROID: 0.113

HORZ SPREAD: 1.607

VERT SPREAD: 2.542

GROUP SPREAD: 2.596

MIN RADIUS: 0.318

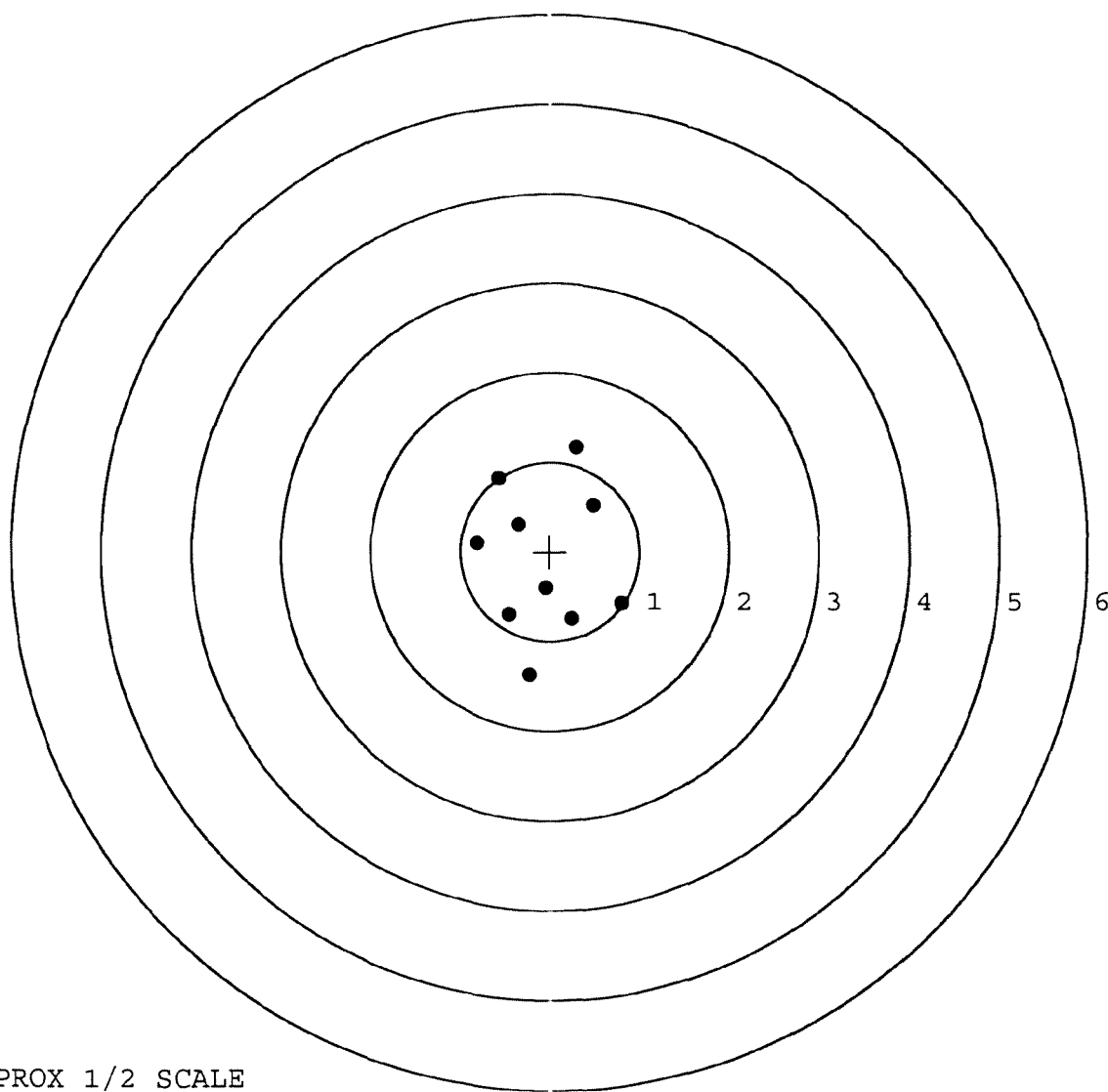
MAX RADIUS: 1.304

MEAN RADIUS: 0.850

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611498. __0

TARGET NUMBER: 3

FILE DATE: 09/04/2008

FILE TIME: 11:48

POINT#	X	Y
1:	0.601	-0.701
2:	0.380	-0.114
3:	0.657	0.098
4:	1.276	0.323
5:	0.142	-0.012
6:	0.051	0.100
7:	-0.334	-0.065
8:	-0.695	0.167
9:	-0.495	0.835
10:	0.494	-0.087

X CENTROID: 0.208

Y CENTROID: 0.054

POA TO CENTROID: 0.215

HORZ SPREAD: 1.971

VERT SPREAD: 1.536

GROUP SPREAD: 1.977

MIN RADIUS: 0.093

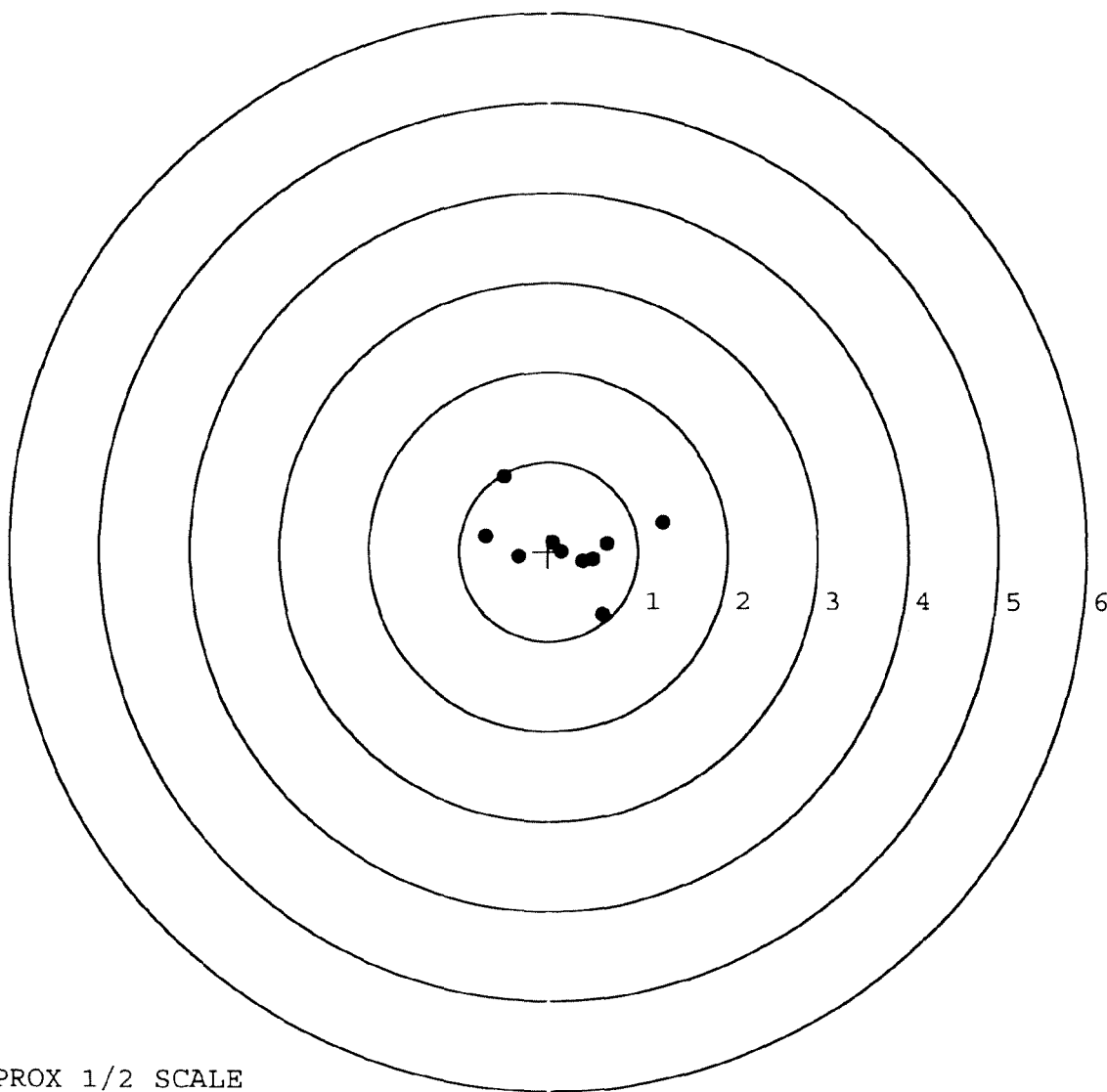
MAX RADIUS: 1.102

MEAN RADIUS: 0.574

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611498. __0

TARGET NUMBER: 4

FILE DATE: 09/04/2008

FILE TIME: 11:48

POINT#	X	Y
1:	-0.419	-0.894
2:	0.004	-0.496
3:	0.631	0.030
4:	0.281	0.001
5:	-0.169	-0.094
6:	-0.245	0.292
7:	-0.088	0.445
8:	-0.140	0.624
9:	-0.360	0.582
10:	-0.948	-0.071

X CENTROID: -0.145

Y CENTROID: 0.042

POA TO CENTROID: 0.151

HORZ SPREAD: 1.579

VERT SPREAD: 1.518

GROUP SPREAD: 1.543

MIN RADIUS: 0.138

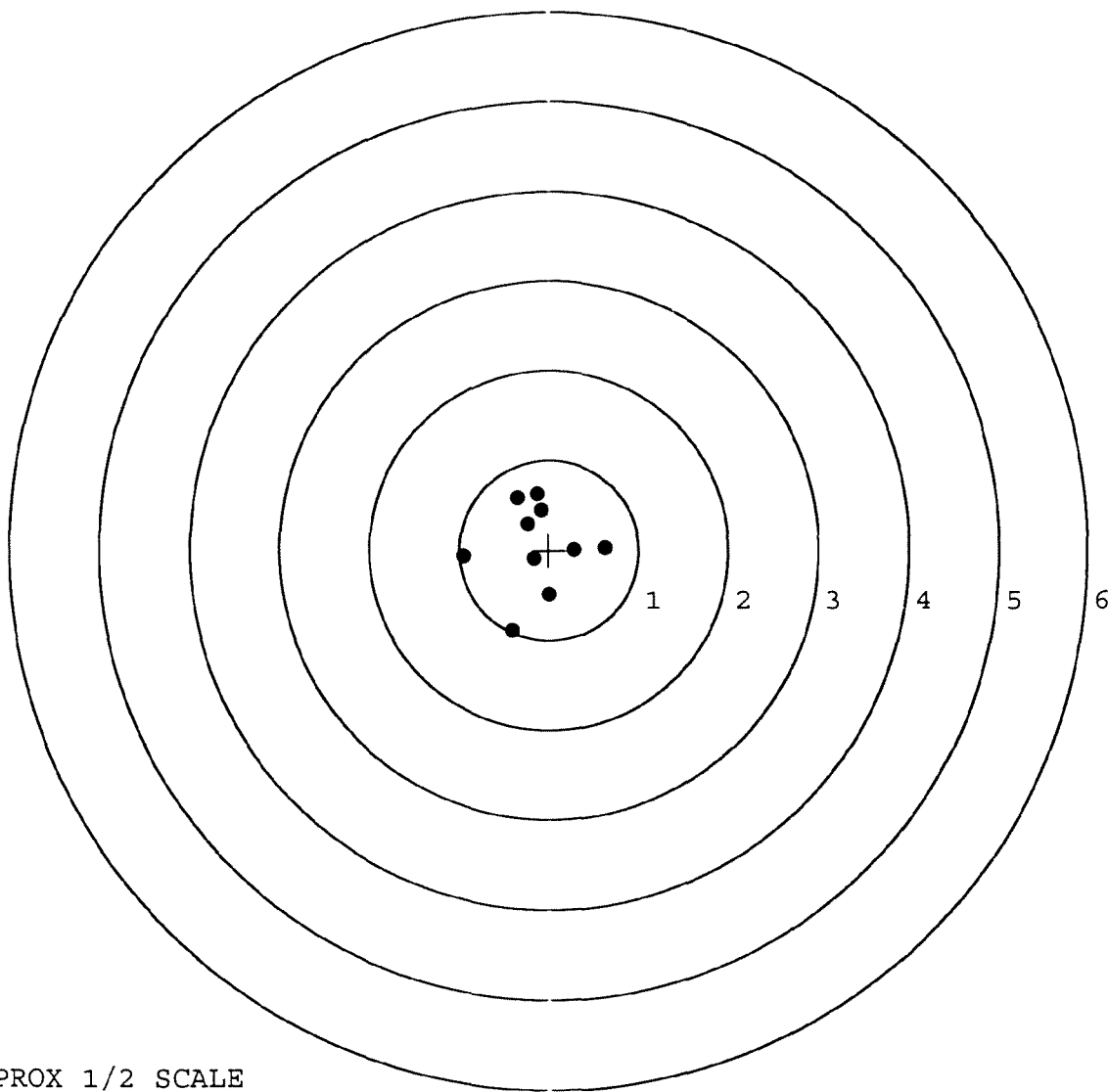
MAX RADIUS: 0.975

MEAN RADIUS: 0.553

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611498. 0

TARGET NUMBER: 5

FILE DATE: 09/04/2008

FILE TIME: 11:48

POINT#	X	Y
1:	-0.158	-0.252
2:	0.045	-0.820
3:	0.302	-0.463
4:	0.476	-0.971
5:	0.680	-0.903
6:	0.348	0.327
7:	0.323	1.020
8:	0.138	0.682
9:	-0.100	0.628
10:	-0.598	0.390

X CENTROID: 0.146

Y CENTROID: -0.036

POA TO CENTROID: 0.150

HORZ SPREAD: 1.278

VERT SPREAD: 1.991

GROUP SPREAD: 1.997

MIN RADIUS: 0.372

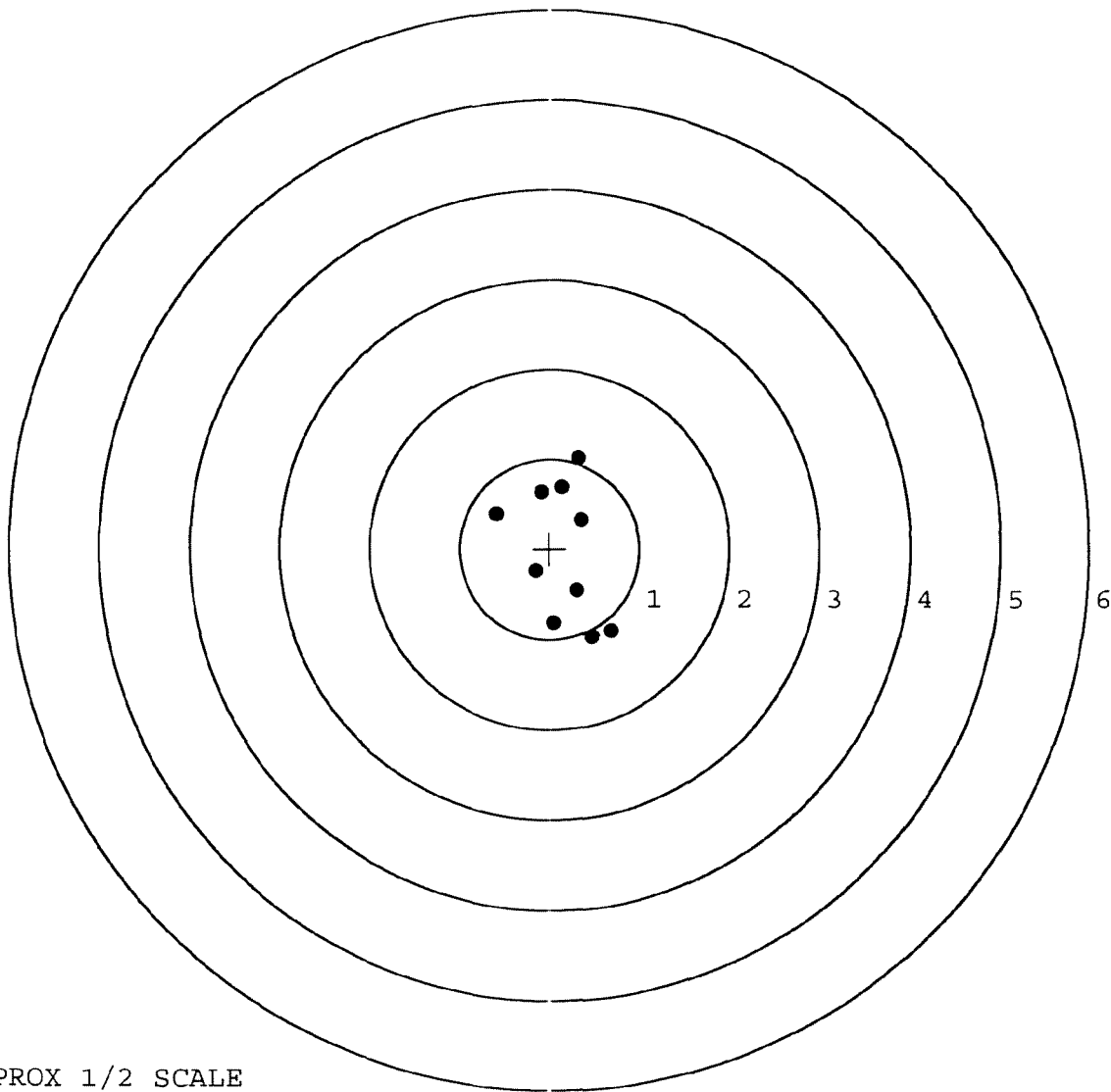
MAX RADIUS: 1.071

MEAN RADIUS: 0.740

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

MODEL 700™ M24

SERIAL NO. C6611498

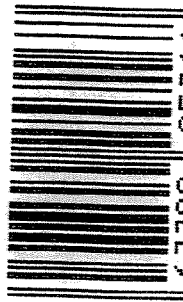
ORDER NO. 5716

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

REG. U.S. PAT. & T.M. OFF.

20

UPC



0 47700 25716 2



5716 C6611498

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611498

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/12/91	K.S.
600	Proof		3/12/91	K.S.
607	Check Headspace		3/12/91	K.S.
610	Dis-assemble Gun		3/12/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		3/27/91	GS.
617	Drill and Tap Sight Holes	APR	3 1991	FB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-13-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/2/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/2/91	KS
	C) Inspect Ejector Hole for Chamfer		5/2/91	KS
	D) Oil Firing Pin Ass'y		5/2/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5/8/91	KS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/8/91	JK
	G) Safety Off Force	3	3	3			5/8/91	JK
	H) Trigger Pull Test & Retainability						5/8/91	JK
	I) Firing Pin Indent	.0215	.0215	.0215			5/8/91	JK
	J) Assemble Stock						5/8/91	KS
	K) Assemble Swivel Studs						5-18-91	K
	L) Attach Front and Rear Sight Assemblies						5/8/91	KS
	M) Iron Sight Alignment						5/8/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/8/91	KS
	O) Attach Scope to Rifle						5/8/91	KS
	P) Detach & Attach Scope 20 Times						5/8/91	KS
640	Gallery Target & Test						5/10/91	KT
	A) Time							KT
	B) Malfunctions							KT
	C) Pierced Primers							KT
	D) Optical Clarity of Scope							KT
645	Inspect for Live Ammo						5/10/91	KY
655	Final Inspection							
	A) Headspace						5-18-91	K
	B) Trigger Pull	2.47	2.31	2.33	2.37	2.34	5/15/91	JK
	C) Function						5-18-91	K
660	Pack						6-18-91	N

SWS TRIGGER PULL TEST

MAX 4.00 1.9

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

SERIAL NO. 00611498
DATE 5/8/91
TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.40	2.50	2.47	MIN. SETTING,
PULL #2	2.54	2.17	2.38	2.31	NO. AVG. OF 5
PULL #3	2.41	2.32	2.47	2.33	READINGS (ACCEPT-
PULL #4	2.52	2.49	2.40	2.37	ABLE LESS THAN 2#
PULL #5	2.53	2.46	2.44	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES	MAX SETTING & TO RESET 3.00#		COMMENTS
PULL #1	3.44	3.30			
PULL #2	3.38	3.32			
PULL #3	3.42	3.27			
PULL #4	3.24	3.26			
PULL #5	3.29	3.24			
TOTAL					
AVG.					

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.30		4.28
PULL #2	4.35	4.25		4.30
PULL #3	4.17	4.31		4.31
PULL #4	4.16	4.30		4.31
PULL #5	4.32	4.30		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611498
10 May 1991

CENTROIDAL DISTANCES

0 TO	1	126
1 TO	2	125.968
1 TO	3	126.112
1 TO	4	126.253
1 TO	5	125.907

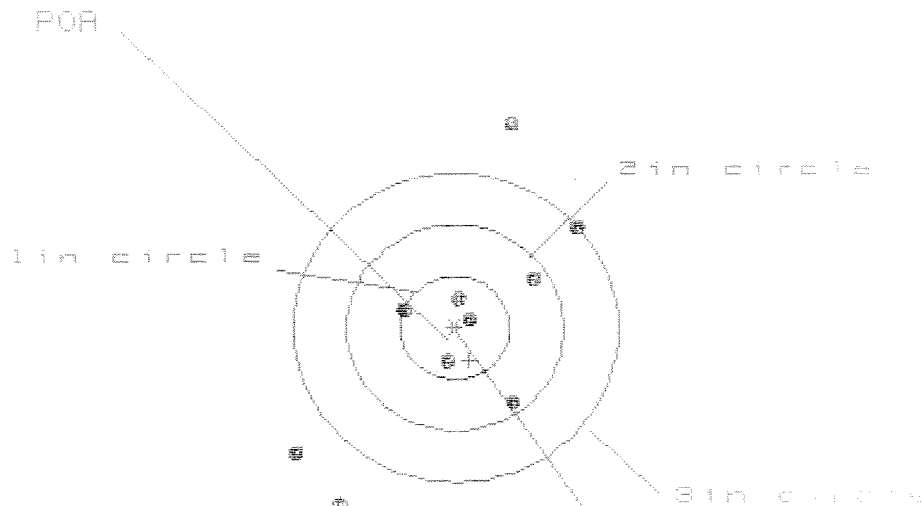
4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: 126.112
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 126.112
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.007
THE AMR FOR THIS RIFLE IS: 1.007

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611498

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 0

HS= 2.666

VS= 3.630

GS= 3.975

CENTROID

PATTERN #

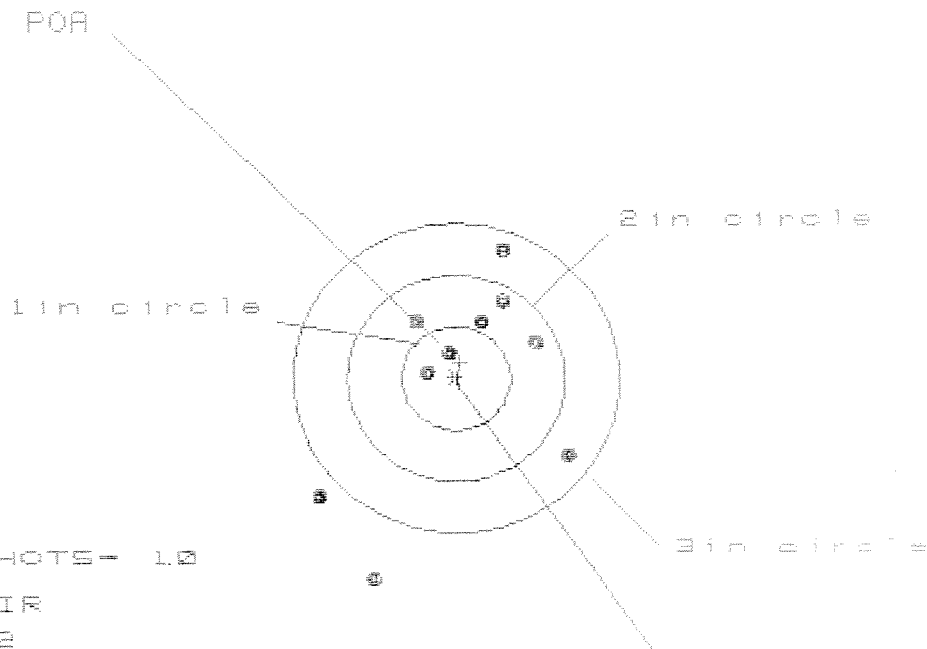
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.146	1.209	1.034
MINIMUM X	-1.520	-1.457	1.301
MAXIMUM Y	1.938	1.196	1.012
MINIMUM Y	-1.692	-1.477	1.117
CENTROID X	-1.126	-1.189	1.117
CENTROID Y	.315	.100	.304
POA TO CENTROID in.	.239	.213	.135
MIN RADIUS	.092	.109	.081
MEAN RADIUS	1.041	.949	.920
MAX RADIUS	2.010	1.780	1.972
HORIZONTAL SPREAD	2.666	2.668	2.621
VERTICAL SPREAD	3.630	2.673	2.189
EXTREME SPREAD	3.975	3.464	3.450
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	6		

18 May 1991

FILE:/PATTERNING/CENTERFIRE_PAT7/C6611498

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 2.330

VS= 3.201

GS= 3.417

CENTROID #

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.017

.932

.757

MINIMUM X

-1.313

-1.398

-.604

MAXIMUM Y

1.282

1.069

.894

MINIMUM Y

-1.919

-1.398

-1.101

CENTROID X

-.033

.052

.227

CENTROID Y

-.155

.058

.233

POA TO CENTROID in.

.158

.078

.325

MIN RADIUS

.248

.198

.187

MEAN RADIUS

.981

.786

.599

MAX RADIUS

2.067

1.977

1.936

HORIZONTAL SPREAD

2.330

2.330

1.361

VERTICAL SPREAD

3.201

2.467

1.995

EXTREME SPREAD

3.417

3.021

2.080

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

6

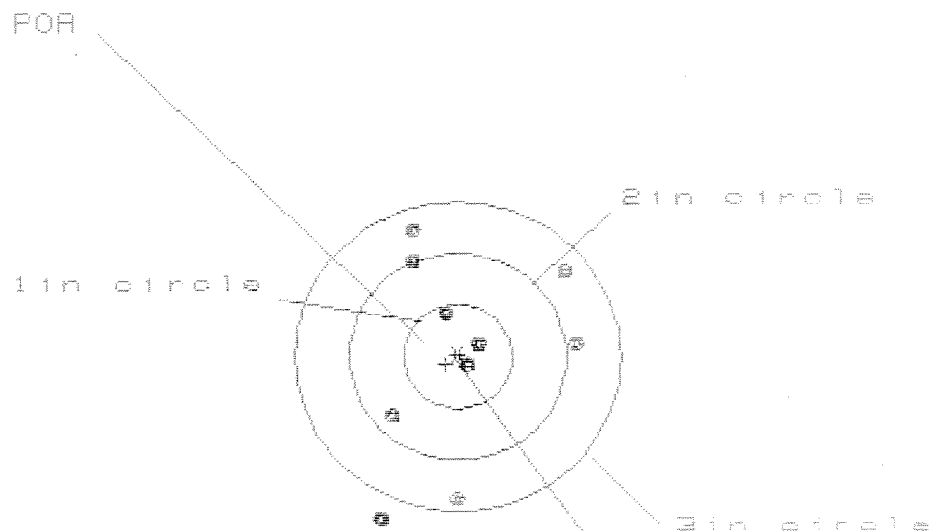
NUMBER IN THREE INCH CIRCLE =

8

10 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611490

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 3

HS= 1.871

VS= 2.737

GS= 2.906

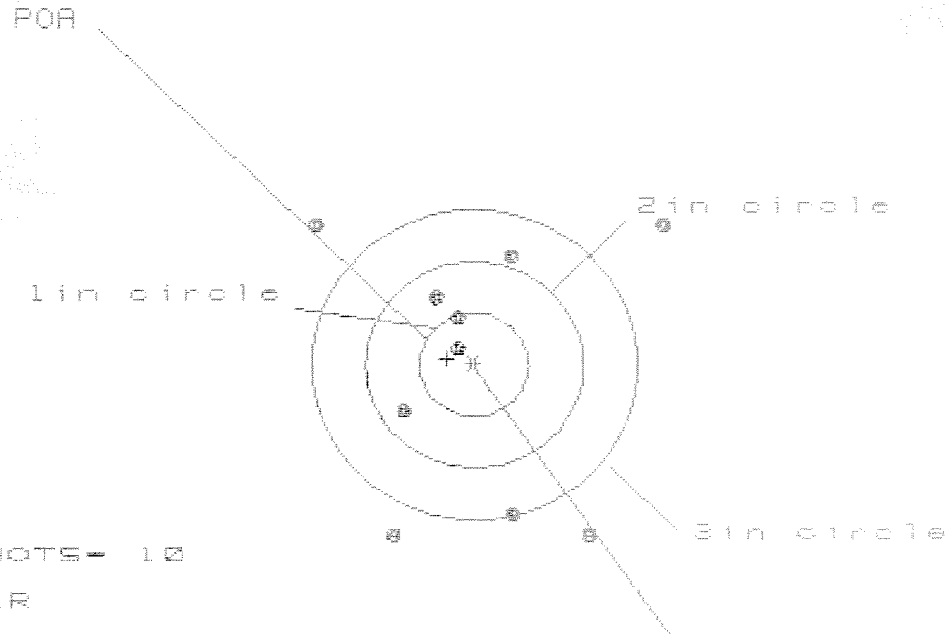
CENTROID #00.1

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.128	1.046	1.828
MINIMUM X	-.743	-.737	-.755
MAXIMUM Y	1.212	1.043	.848
MINIMUM Y	-1.525	-1.557	-.985
CENTROID X	.112	.194	.212
CENTROID Y	.075	.244	.439
POR TO CENTROID in.	.134	.312	.487
MIN RADIUS	.118	.144	.229
MEAN RADIUS	.949	.845	.753
MAX RADIUS	1.696	1.563	1.241
HORIZONTAL SPREAD	1.871	1.783	1.783
VERTICAL SPREAD	2.737	2.600	1.833
EXTREME SPREAD	2.906	2.625	2.177
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

10 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611498

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 6

HS= 3.203

VS= 3.051

GS= 3.933

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.764	1.204	1.048
MINIMUM X	:	-1.439	-1.243	-1.747
MAXIMUM Y	:	1.395	1.544	1.435
MINIMUM Y	:	-1.656	-1.507	-1.314
CENTROID X	:	.252	.056	.212
CENTROID Y	:	-.056	-.205	-.398
POA TO CENTROID in.	:	.258	.212	.451
MIN RADIUS	:	.245	.356	.553
MEAN RADIUS	:	1.287	1.180	1.108
MAX RADIUS	:	2.214	1.982	1.642
HORIZONTAL SPREAD	:	3.203	2.447	1.795
VERTICAL SPREAD	:	3.051	3.051	2.749
EXTREME SPREAD	:	3.933	3.872	2.968
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

10 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611498

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 2.037

VS= 2.109

GS= 2.533

CENTROID *

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.711

.564

.555

MINIMUM X

-1.326

-.720

-.729

MAXIMUM Y

1.277

1.185

.999

MINIMUM Y

-.832

-.984

-.756

CENTROID X

-.093

.054

.053

CENTROID Y

-.020

.072

-.076

POA TO CENTROID in.

.096

.090

.090

MIN RADIUS

.227

.393

.315

MEAN RADIUS

.767

.672

.591

MAX RADIUS

1.565

1.187

.797

HORIZONTAL SPREAD

2.037

1.284

1.284

VERTICAL SPREAD

2.109

2.089

1.455

EXTREME SPREAD

2.533

2.096

1.530

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

9