

C6587673

MODEL 700™ M24

Model **SMS**™

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: **RE00097046** Serial: C6587673 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 5/19/2005 7:58:48 AM

Verify Repair

Address Information:

Customer: ☒ Received From Return To ☐ Received From

Name: **HHC 2/3 INF** **HHC 2/3 INF**

Address 1: **CPR CPT DONALD FAGNAN** **CPR CPT DONALD FAGNAN**

Address 2: **BOX 339500 MS 01** **BOX 339500 MS 01** PO Box:

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information:

Phone:

Fax:

Email:

Comments:

Received Condition:

Condition: **Fair**

Notes:

CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	2

Repair Search **Refresh** **Close**

naplet 5/18/2005 8:14 AM DAPS NUM INS SCRL

start 2 4 Arms Service 5

Serial Number: **C6587673**

Model: **M24 SWS**

RE00097046

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587673.___0
FILE DATE AND TIME: 06/06/2005 06:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.075
The Average Y Centroid of the Five Target Set:	0.092
The Average Point of Impact of the Five Target Set:	0.119
The Average Mean Radius of the Five Target Set:	0.956
The Distance from POA to Centroid Target #1:	0.844
The Distance from Centroid Target #2 to Centroid Target #1:	1.005
The Distance from Centroid Target #3 to Centroid Target #1:	0.600
The Distance from Centroid Target #4 to Centroid Target #1:	1.449
The Distance from Centroid Target #5 to Centroid Target #1:	0.826

SERIAL NUMBER: C6587673. 0

TARGET NUMBER: 1

FILE DATE: 06/06/2005

FILE TIME: 06:49

X CENTROID: -0.386

Y CENTROID: 0.750

POA TO CENTROID: 0.844

HORZ SPREAD: 2.820

VERT SPREAD: 3.638

GROUP SPREAD: 3.639

MIN RADIUS: 0.741

MAX RADIUS: 1.963

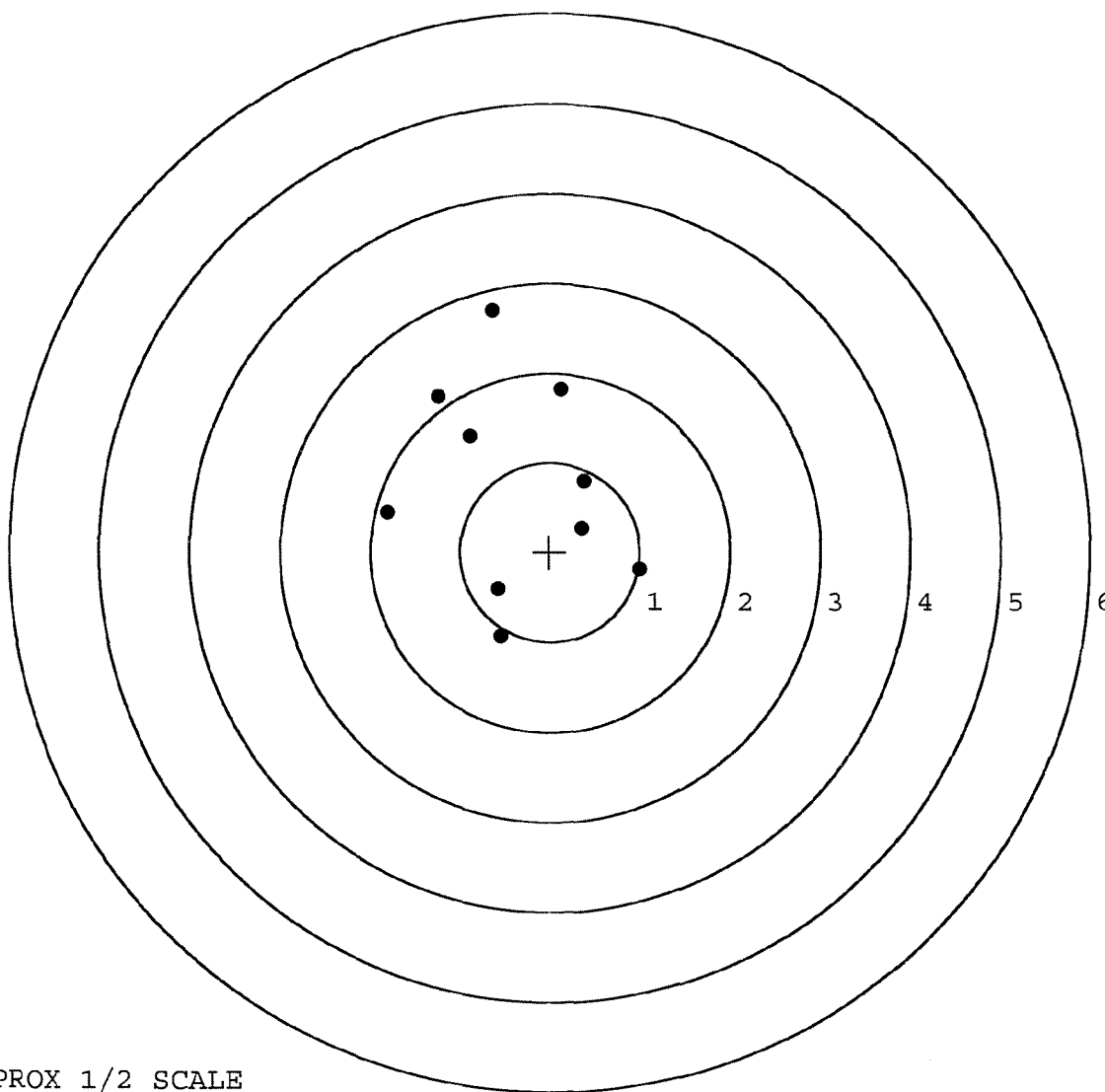
MEAN RADIUS: 1.288

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.006	-0.196
2:	0.355	0.270
3:	0.386	0.799
4:	-0.579	-0.417
5:	-0.550	-0.942
6:	0.123	1.815
7:	-1.814	0.445
8:	-0.649	2.696
9:	-1.249	1.738
10:	-0.888	1.296

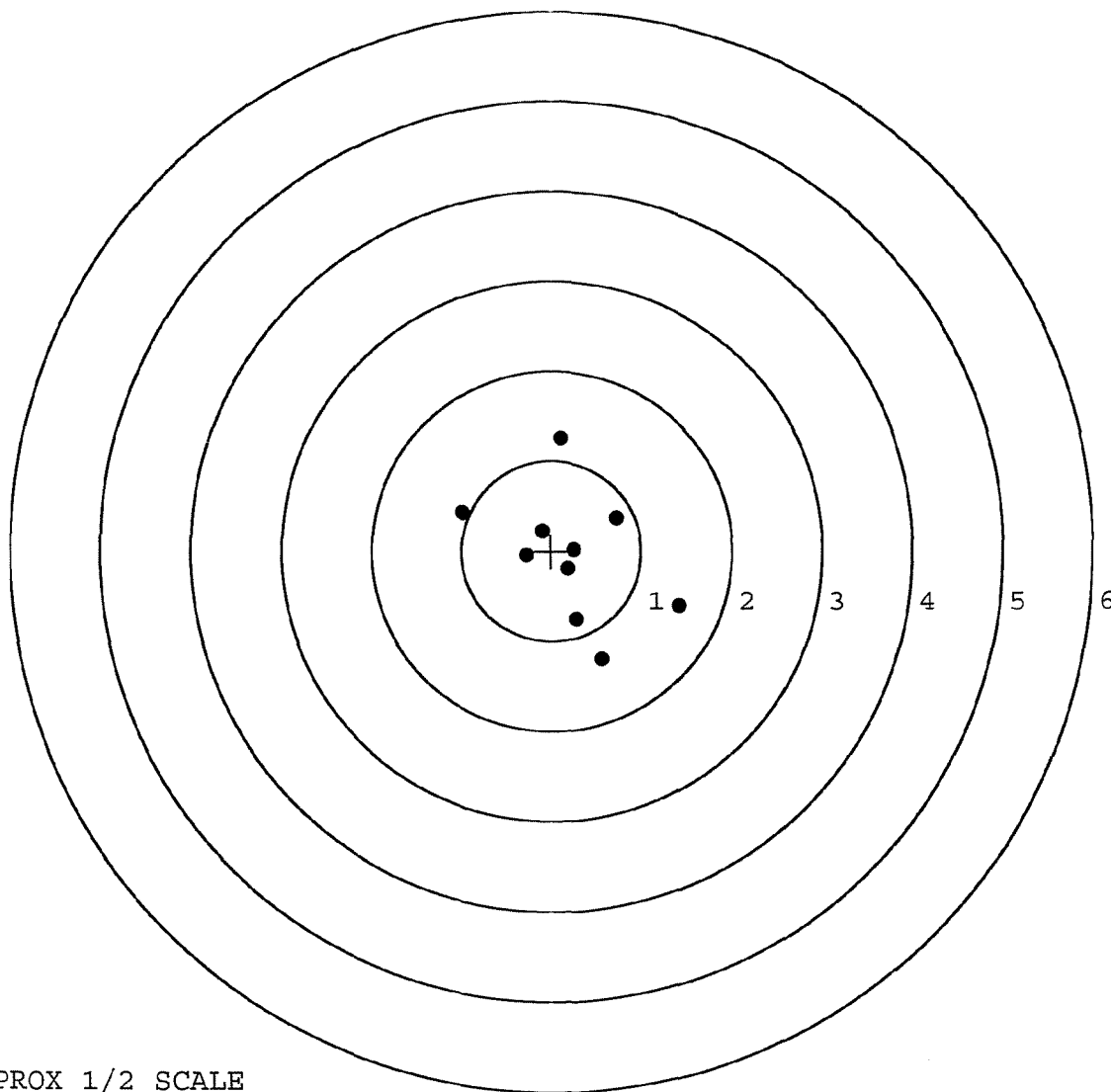


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587673. __0
TARGET NUMBER: 2
FILE DATE: 06/06/2005
FILE TIME: 06:49

X CENTROID: 0.217
Y CENTROID: -0.053
POA TO CENTROID: 0.224
HORZ SPREAD: 2.407
VERT SPREAD: 2.457
GROUP SPREAD: 2.622
MIN RADIUS: 0.076
MAX RADIUS: 1.318
MEAN RADIUS: 0.764
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

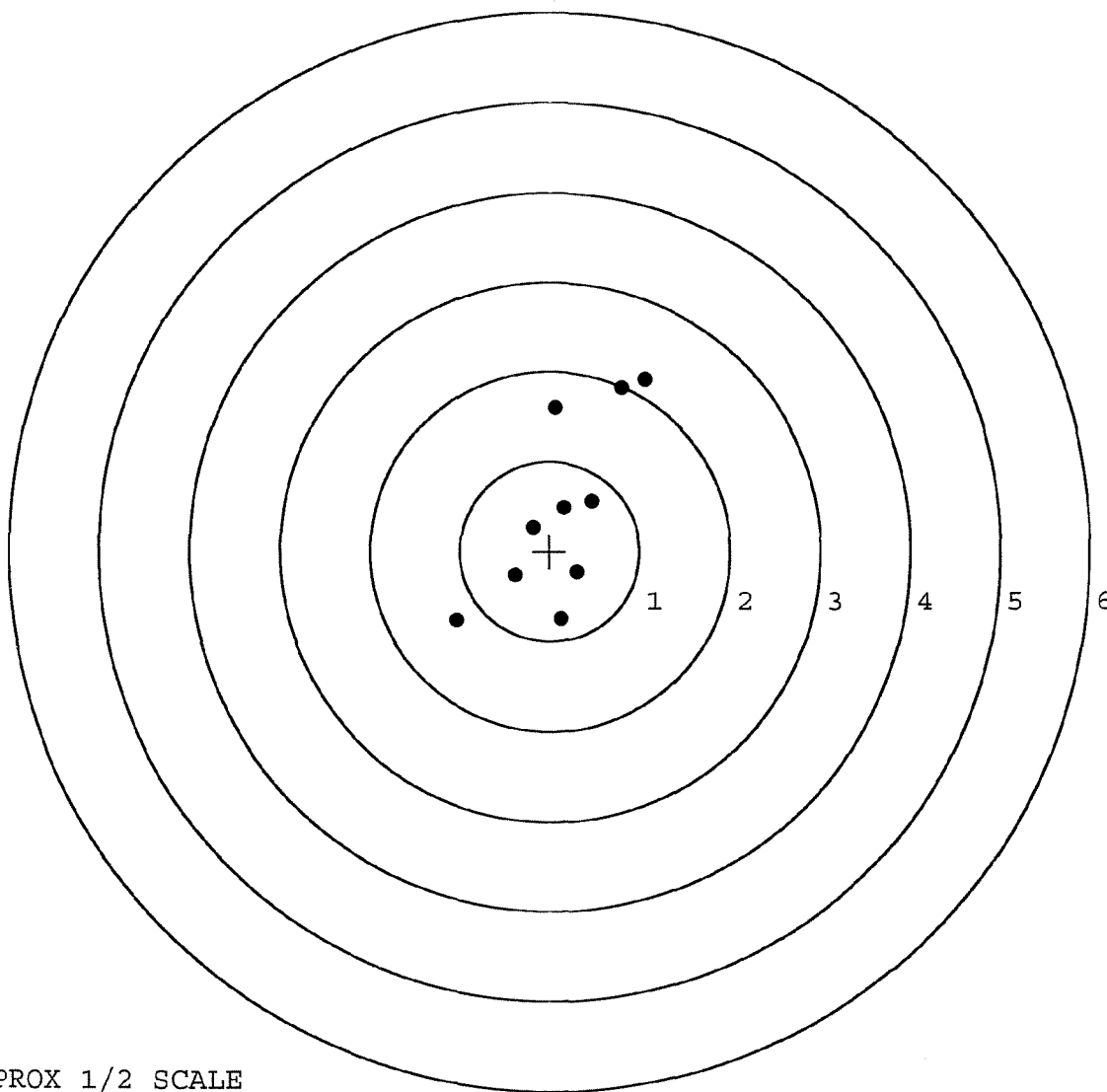
POINT#	X	Y
1:	1.414	-0.606
2:	0.723	0.367
3:	0.109	1.252
4:	0.569	-1.205
5:	0.285	-0.759
6:	0.254	0.014
7:	0.189	-0.200
8:	-0.099	0.225
9:	-0.277	-0.052
10:	-0.993	0.433



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587673. __0
TARGET NUMBER: 3
FILE DATE: 06/06/2005
FILE TIME: 06:49

	POINT#	X	Y
	1:	-1.037	-0.778
	2:	-0.382	-0.269
	3:	0.313	-0.233
	4:	0.131	-0.756
X CENTROID:	5:	-0.191	0.266
Y CENTROID:	6:	0.164	0.486
POA TO CENTROID:	7:	0.468	0.555
HORZ SPREAD:	8:	1.061	1.912
VERT SPREAD:	9:	0.800	1.817
GROUP SPREAD:	10:	0.064	1.590
MIN RADIUS:			
MAX RADIUS:			
MEAN RADIUS:			
# IN 1 IN DIAMETER:			3
# IN 2 IN DIAMETER:			5
# in 3 IN DIAMETER:			7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587673. _0

TARGET NUMBER: 4

FILE DATE: 06/06/2005

FILE TIME: 06:49

X CENTROID: -0.302

Y CENTROID: -0.696

POA TO CENTROID: 0.759

HORZ SPREAD: 2.069

VERT SPREAD: 2.667

GROUP SPREAD: 2.673

MIN RADIUS: 0.341

MAX RADIUS: 1.569

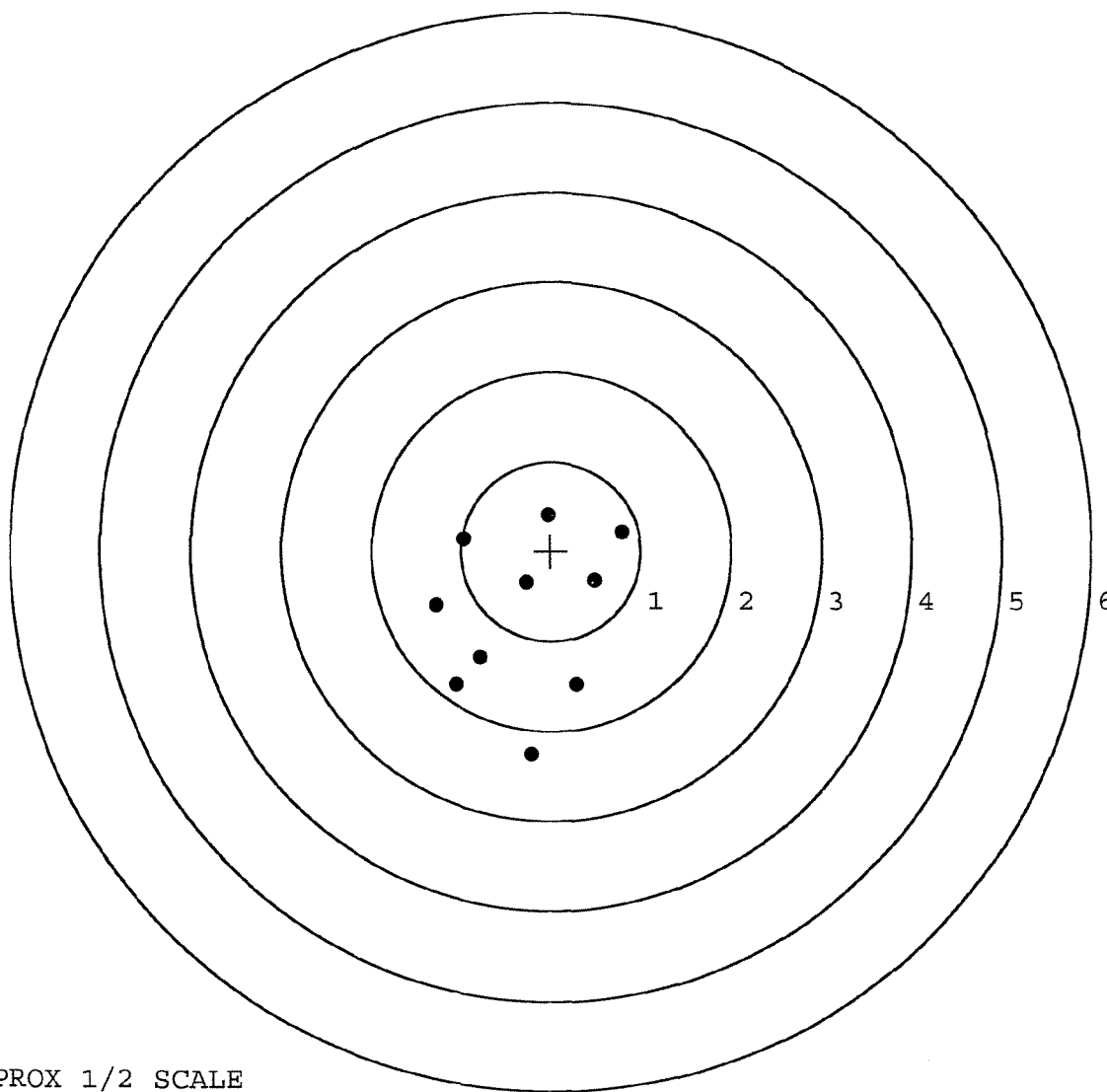
MEAN RADIUS: 1.015

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.790	0.215
2:	0.490	-0.333
3:	0.300	-1.484
4:	-0.209	-2.263
5:	-0.037	0.404
6:	-0.277	-0.356
7:	-0.786	-1.181
8:	-1.048	-1.492
9:	-1.279	-0.612
10:	-0.967	0.137



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587673. 0

TARGET NUMBER: 5

FILE DATE: 06/06/2005

FILE TIME: 06:49

X CENTROID: -0.045

Y CENTROID: -0.002

POA TO CENTROID: 0.045

HORZ SPREAD: 1.244

VERT SPREAD: 2.527

GROUP SPREAD: 2.573

MIN RADIUS: 0.300

MAX RADIUS: 1.373

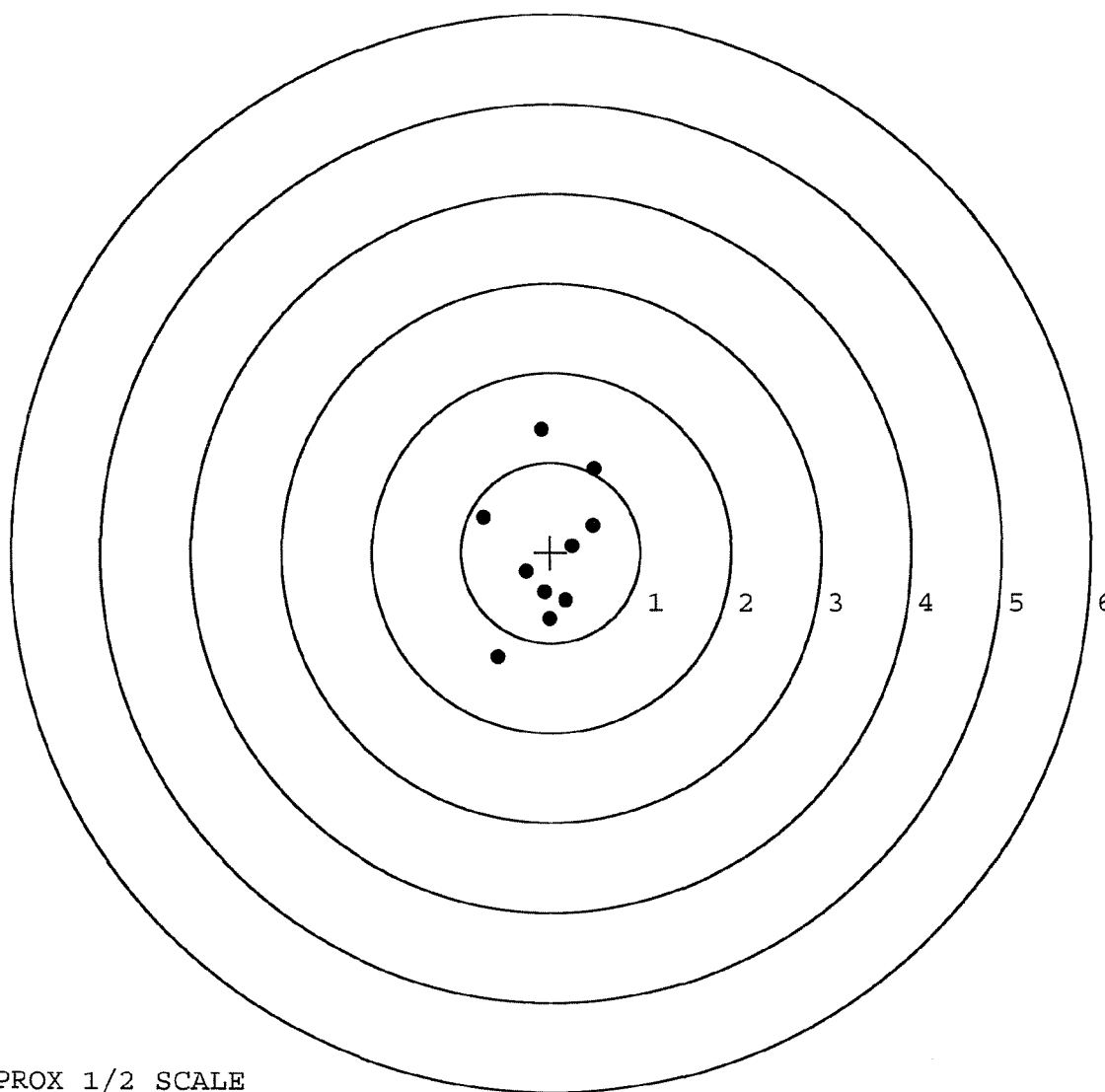
MEAN RADIUS: 0.749

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.489	0.930
2:	-0.109	1.369
3:	0.467	0.299
4:	0.246	0.068
5:	-0.755	0.392
6:	-0.593	-1.158
7:	-0.069	-0.440
8:	-0.278	-0.215
9:	0.167	-0.532
10:	-0.017	-0.736



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	97046		
SERIAL NUMBER	C6587673		
LOG-IN DATE	5-18-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-19-05	RTZ
560 A	RE-BARREL	5-20-05	RTZ
B	DRILL AND TAP	5-23-05	TRW
575	ASSEMBLE	5-20-05	RTZ
600	PROOF	5-23-05	AC
605	CHECK HEADSPACE	5-23-05	AC
610	DIS-ASSEMBLE GUN	5-23-05	RTZ
612	MAGNAFLUX OPERATOR <i>WVH</i>	5-23-05	WVH
615	ROLLMARK CALIBER	5-23-05	CW
618	ROTO-BLAST	5-23-05	LB
620	APPLY COATINGS	5-27-05	WV
625 A	FINAL ASSEMBLY	5-31-05	RTZ
B	TRIGGER PULL TEST	5-31-05	RTZ
C	SAFETY "ON" FORCE	6-21-05	AC
D	SAFETY "OFF" FORCE	6-21-05	AC
E	FIRING PIN INDENT	6-21-05	AC
640	TARGET	6-6-05	AC
655	FINAL INSPECT	6-21-05	AC
660	PACK	6-21-05	RTZ
		SHIP DATE	
QAR INSPECTION DATE			

NMP COPY 2

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18820INITIAL CUSTOMER ORDER NO.
JJM DAAA09-92-C-0834W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT
ATTN FRED MARTINDATE RECEIVED DATE OPENED DATE CODE
06/14/94 06/15/94SERIAL NUMBER
C6587673

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

SLING STRAP

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL

36201-5025

CUST NO: 098397 C.D.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN AMMO FUNCTION FINISH ACCURACY FIT INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

REC. ASSY.

B5

D2

WOOD

C1

D3

METAL

C2

E5

MAIN FAULT

ARTS

COMMENTS

Barrel
Stock
Trigger Assy
Mag Spring
Mag Follower
Firing Pin Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400025020

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587623

DATE 6-4-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.68	2.58		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.59	2.54		
PULL #3	2.80	2.76	2.53		
PULL #4	2.78	2.66	2.51		
PULL #5	2.71	2.76	2.61		
TOTAL	13.47	13.45	12.77		
AVG.	2.69	2.69	2.55		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.14		
PULL #2	3.12	3.34		
PULL #3	3.18	3.28		
PULL #4	3.28	3.06		
PULL #5	3.13	3.24		
TOTAL	15.86	16.06		
AVG.	3.17	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.31		4.10
PULL #2	4.27	4.13		4.05
PULL #3	4.31	4.21		4.20
PULL #4	4.31	4.24		4.12
PULL #5	4.29	4.19		4.05
TOTAL	21.44	21.08		20.52
AVG.	4.28	4.21		4.10

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587673

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
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	8	8	7 1/2	6/24/96	WB	
	G) Safety Off Force	3 1/2	3 1/2	3 1/2	6/24/96	WB	
	H) Trigger Pull Test & Retainability						
	I) Firing Pin Indent	.022	.0235	.023	6/24/96	WB	
	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	2.80	2.76	2.72	2.84	2.77	6/24/96
	C) Function						
660	Pack						

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587673
17 Apr 1988

CENTROIDAL DISTANCES

0 TO	1	.490667
1 TO	2	.12243
1 TO	3	.282973
1 TO	4	.052
1 TO	5	.35246

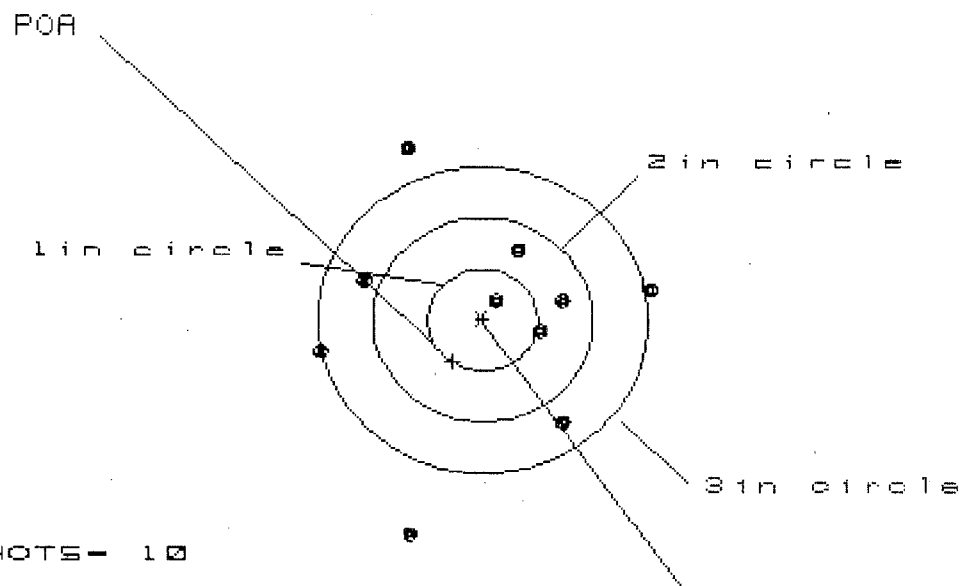
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .330363
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3652
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .330363
THE AMR FOR THIS RIFLE IS: 1.084

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587673

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 1

2in - 4

3in = 7

CENTROID #

HS- 2.953

VS= 3.717

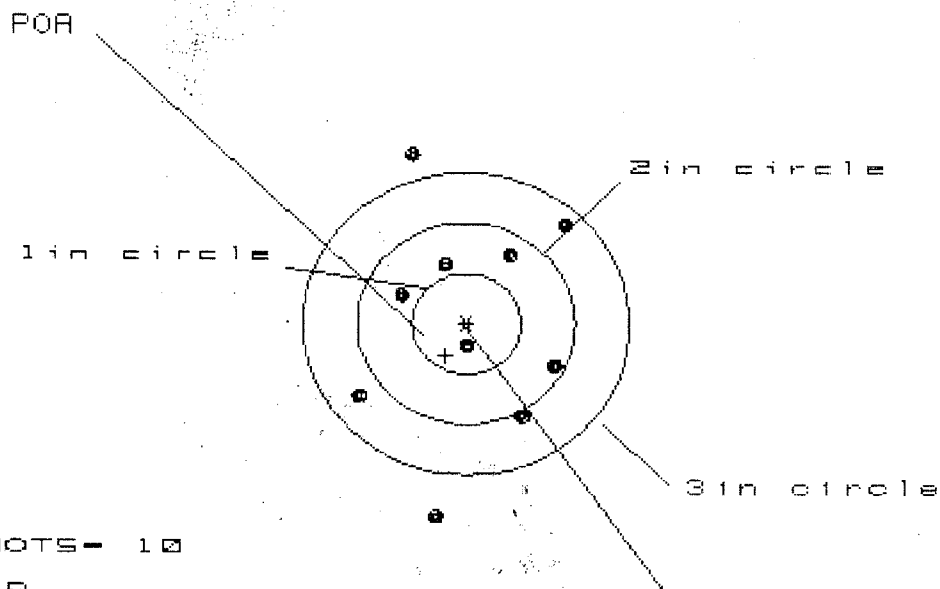
GS= 3.717

PATTERN #	1	2	3
SHOTS (BEST OF)	10	10	8
MAXIMUM X	1.591	1.717	1.327
MINIMUM X	-1.458	-1.112	-1.626
MAXIMUM Y	1.651	1.421	.613
MINIMUM Y	-2.067	1.187	-1.010
CENTROID X	.277	.356	.453
CENTROID Y	.405	.635	.457
POA TO CENTROID in.	.491	.728	.644
MIN RADIUS	.201	.077	.126
MEAN RADIUS	1.158	.995	.897
MAX RADIUS	2.184	1.620	1.665
HORIZONTAL SPREAD	2.953	2.953	2.953
VERTICAL SPREAD	3.717	2.608	1.622
EXTREME SPREAD	3.717	3.016	3.016
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587673

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 1.891

VS = 3.595

GS = 3.601

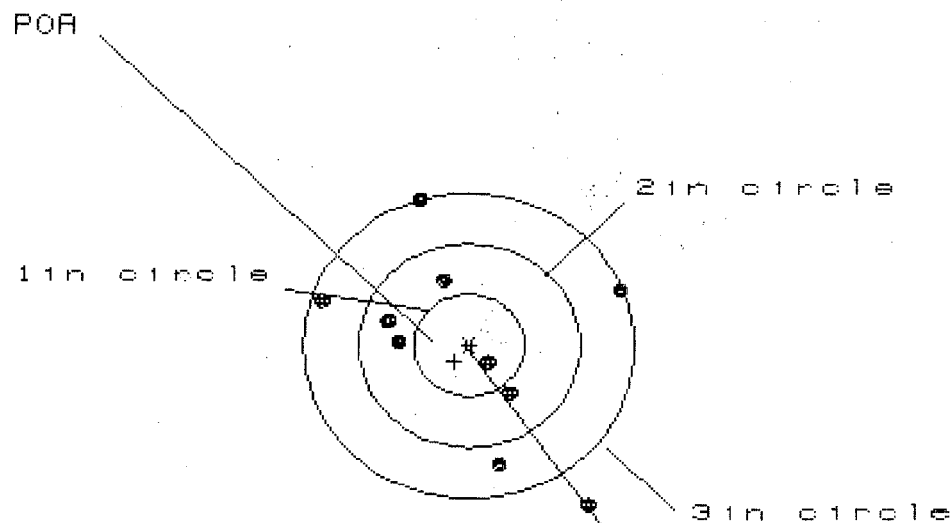
CENTROID X

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.925	.387	.815
MINIMUM X	-.967	-1.004	-1.076
MAXIMUM Y	1.677	1.464	.949
MINIMUM Y	-1.918	-1.100	-.917
CENTROID X	.194	.231	.303
CENTROID Y	.315	.528	.345
POA TO CENTROID in.	.369	.576	.459
MIN RADIUS	.219	.425	.248
MEAN RADIUS	1.046	.934	.841
MAX RADIUS	1.947	1.574	1.304
HORIZONTAL SPREAD	1.891	1.891	1.891
VERTICAL SPREAD	3.595	2.564	1.866
EXTREME SPREAD	3.601	2.779	2.533
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587673

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.741

VS= 2.928

GS= 3.272

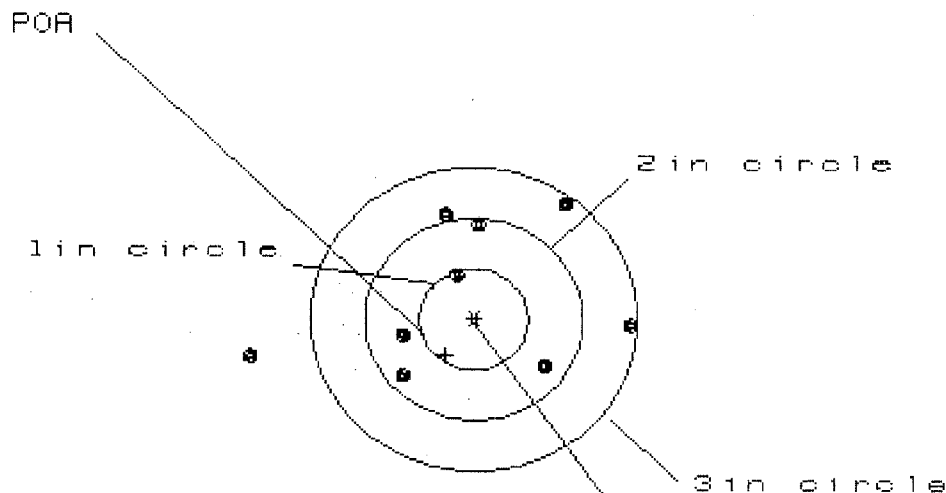
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.403	1.527	.668
MINIMUM X	:	-1.333	-1.214	-1.024
MAXIMUM Y	:	1.412	1.243	1.284
MINIMUM Y	:	-1.516	-1.357	-1.316
CENTROID X	:	.132	.013	-.177
CENTROID Y	:	.162	.331	.290
POA TO CENTROID in.	:	.209	.331	.340
MIN RADIUS	:	.258	.456	.378
MEAN RADIUS	:	1.041	.937	.831
MAX RADIUS	:	1.853	1.561	1.454
HORIZONTAL SPREAD	:	2.741	2.741	1.692
VERTICAL SPREAD	:	2.928	2.600	2.600
EXTREME SPREAD	:	3.272	2.741	2.693
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587673

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in = 8

HS- 3.523

VS= 3.007

GS= 3.535

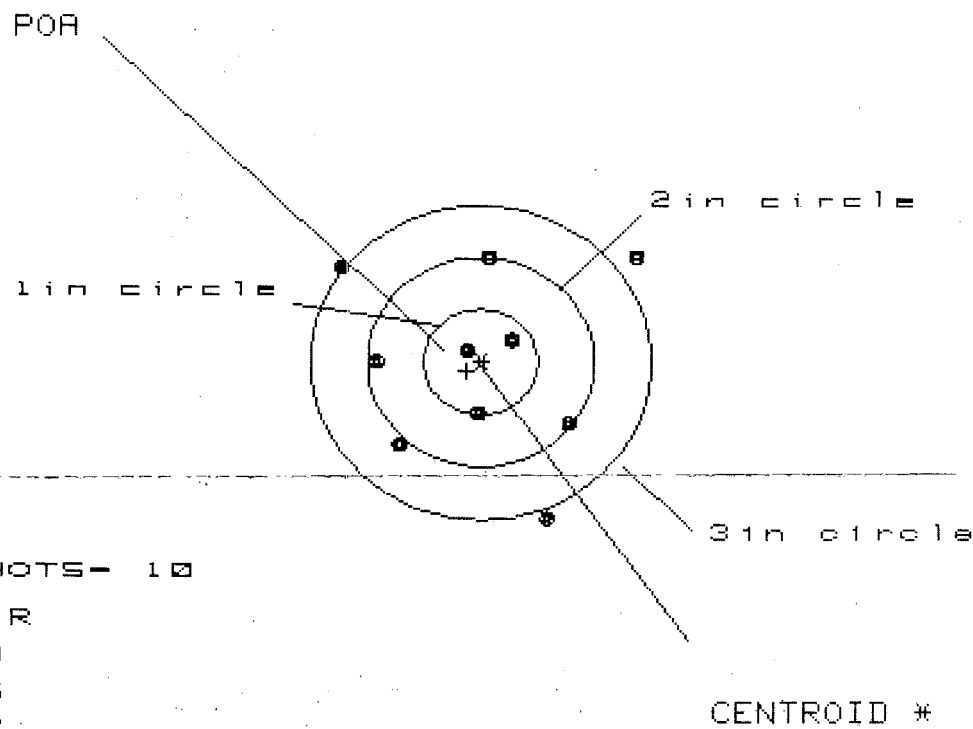
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.442	1.210	1.276
MINIMUM X	:	-2.081	-.872	-.806
MAXIMUM Y	:	1.160	1.118	.882
MINIMUM Y	:	-1.847	-1.889	-.808
CENTROID X	:	.257	.489	.423
CENTROID Y	:	.357	.399	.635
POA TO CENTROID in.	:	.440	.631	.763
MIN RADIUS	:	.451	.565	.390
MEAN RADIUS	:	1.180	1.077	.923
MAX RADIUS	:	2.116	1.961	1.327
HORIZONTAL SPREAD	:	3.523	2.082	2.082
VERTICAL SPREAD	:	3.007	3.007	1.690
EXTREME SPREAD	:	3.535	3.029	2.270
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587673

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 5

3 in - 7

HS- 2.592

VS- 2.518

GS- 3.054

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.350	.954	1.041
MINIMUM X	:	-1.242	-1.092	-1.005
MAXIMUM Y	:	1.003	1.114	.939
MINIMUM Y	:	-1.515	-1.404	-.865
CENTROID X	:	.125	-.025	-.112
CENTROID Y	:	.087	-.024	.151
POA TO CENTROID in.	:	.152	.035	.188
MIN RADIUS	:	.210	.256	.117
MEAN RADIUS	:	.995	.914	.819
MAX RADIUS	:	1.681	1.567	1.347
HORIZONTAL SPREAD	:	2.592	2.046	2.046
VERTICAL SPREAD	:	2.518	2.518	1.804
EXTREME SPREAD	:	3.054	3.054	2.541
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

Remington



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

MODEL 700™ M24

SERIAL NO.
C6587673

ORDER NO.
5716

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

01



5716 C6587673

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400025030

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587673

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9	90	RW
600	Proof	10 9	90	RW
607	Check Headspace	10 9	90	RW
610	Dis-assemble Gun	10	90	RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	KR
615	Rollmark Caliber		10/11/90	GL
617	Drill and Tap Sight Holes		10/11/90	LB
618	Polish Barrel RB		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-12-90	JB
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/22/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/90	RW
	C) Inspect Ejector Hole for Chamfer		10/22/90	RW
	D) Oil Firing Pin Ass'y		10/22/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-17-90	GL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 ³ / ₄	3 ³ / ₄	3 ¹ / ₂			11/7/90	WB
	G) Safety Off Force	2 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₂			11/7/90	WB
	H) Trigger Pull Test & Retainability						11-7-90	JH
	I) Firing Pin Indent	.0215	.021	.0215			11/7/90	WB
	J) Assemble Stock						11/7/90	RW
	K) Assemble Swivel Studs						11-20-90	JH
	L) Attach Front and Rear Sight Assemblies						11/7/90	RW
	M) Iron Sight Alignment						11/7/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/7/90	RW
	O) Attach Scope to Rifle						11/7/90	RW
	P) Detach & Attach Scope 20 Times						11/7/90	RW
640	Gallery Target & Test						11/8/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						11/8/90	NF
655	Final Inspection							
	A) Headspace						11-20-90	JH
	B) Trigger Pull	262	250	239	247	248	11-20-90	JH
	C) Function						11-20-90	JH
660	Pack						11-8-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587673

DATE 11-7-90

TESTER JP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.21	2.48	2.62	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.27	2.44	2.50	
PULL #3	2.35	2.29	2.40	2.39	
PULL #4	2.38	2.22	2.38	2.47	
PULL #5	2.38	2.21	2.40	2.48	
TOTAL	11.88	11.20	12.12		
AVG.	2.376	2.24	2.424		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.10		
PULL #2	3.26	3.41		
PULL #3	3.29	3.38		
PULL #4	3.25	3.48		
PULL #5	3.27	3.41		
TOTAL	16.19	16.78		
AVG.	3.238	3.356		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.47		4.42
PULL #2	4.45	4.47		4.43
PULL #3	4.47	4.44		4.50
PULL #4	4.44	4.42		4.47
PULL #5	4.48	4.46		4.46
TOTAL	22.21	22.26		22.28
AVG.	4.442	4.452		4.456

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587673
9 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.154742
1 TO	2	.0559732
1 TO	3	.114127
1 TO	4	.246789
1 TO	5	.336773

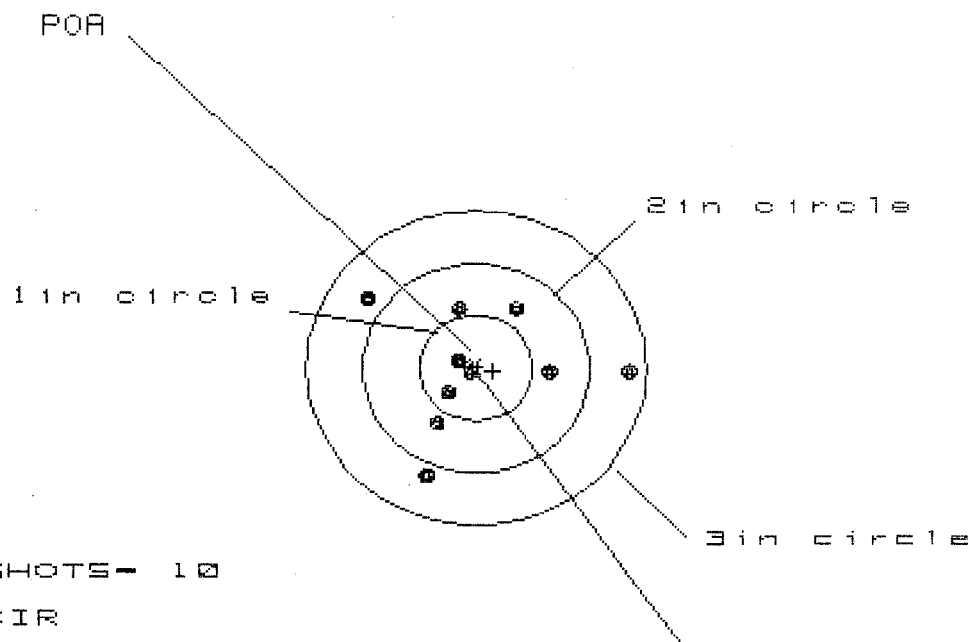
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0474
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .053
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0711039
THE AMR FOR THIS RIFLE IS: .7516

9 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587673

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 3

2in - 7

3in = 10

HS= 2.359

VS= 1.661

GS= 2.455

CENTROID *

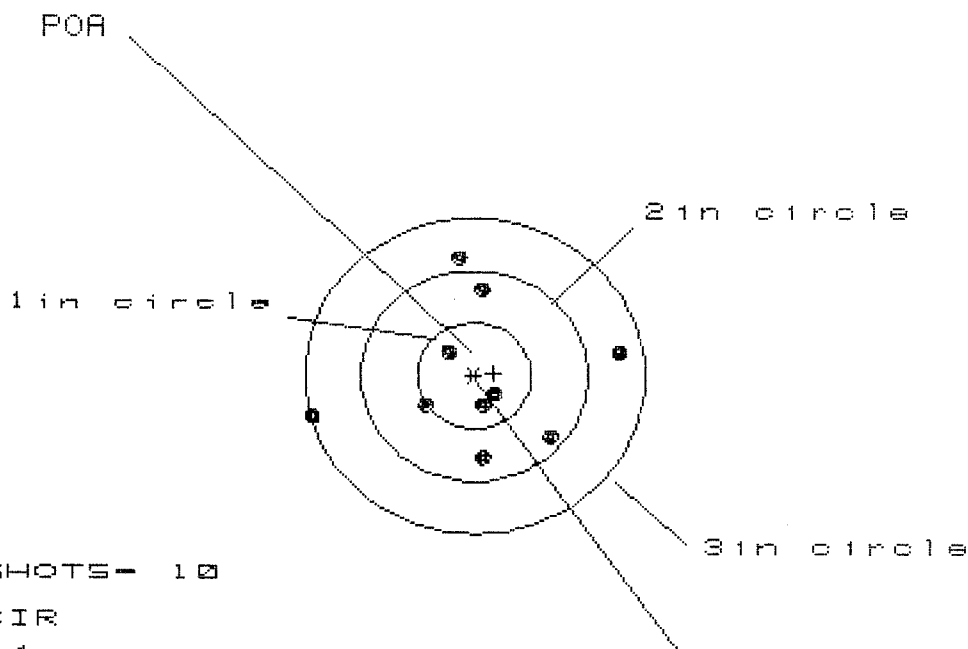
PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.381	.852	.749
MINIMUM X	-.978	-.825	-.397
MAXIMUM Y	.648	.644	.658
MINIMUM Y	-1.013	-1.017	-.936
CENTROID X	-.152	-.305	-.202
CENTROID Y	.029	.033	-.048
POA TO CENTROID in.	.155	.307	.208
MIN RADIUS	.065	.093	.061
MEAN RADIUS	.684	.586	.529
MAX RADIUS	1.381	1.058	1.017
HORIZONTAL SPREAD	2.359	1.677	1.146
VERTICAL SPREAD	1.661	1.661	1.594
EXTREME SPREAD	2.455	1.808	1.789
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 2.653

VS= 1.934

GS= 2.714

CENTROID *

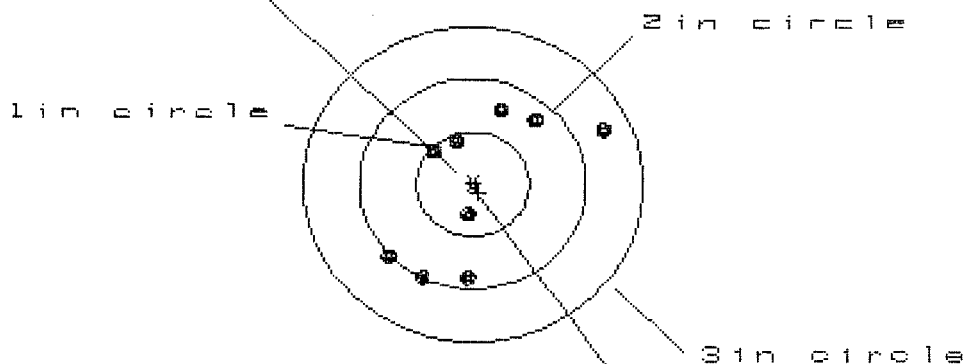
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.258	1.103	.621
MINIMUM X	:	-1.395	-.582	-.444
MAXIMUM Y	:	1.143	1.102	1.122
MINIMUM Y	:	-.791	-.832	-.812
CENTROID X	:	-.170	-.015	-.153
CENTROID Y	:	-.024	.017	-.003
POA TO CENTROID in.	:	.172	.023	.153
MIN RADIUS	:	.235	.191	.236
MEAN RADIUS	:	.775	.704	.632
MAX RADIUS	:	1.443	1.146	1.136
HORIZONTAL SPREAD	:	2.653	1.685	1.065
VERTICAL SPREAD	:	1.934	1.934	1.934
EXTREME SPREAD	:	2.714	1.945	1.945
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in - 4

2in - 8

3in = 10

HS- 1.834

VS= 1.638

GS= 2.191

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.119	.684	.610
MINIMUM X	-.715	-.590	-.414
MAXIMUM Y	.714	.769	.688
MINIMUM Y	-.924	-.869	-.950
CENTROID X	-.052	-.177	-.103
CENTROID Y	.084	.029	.110
POA TO CENTROID in.	.099	.179	.151
MIN RADIUS	.336	.291	.355
MEAN RADIUS	.735	.666	.630
MAX RADIUS	1.225	.963	.962
HORIZONTAL SPREAD	1.834	1.274	1.024
VERTICAL SPREAD	1.638	1.638	1.638
EXTREME SPREAD	2.191	1.838	1.787
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

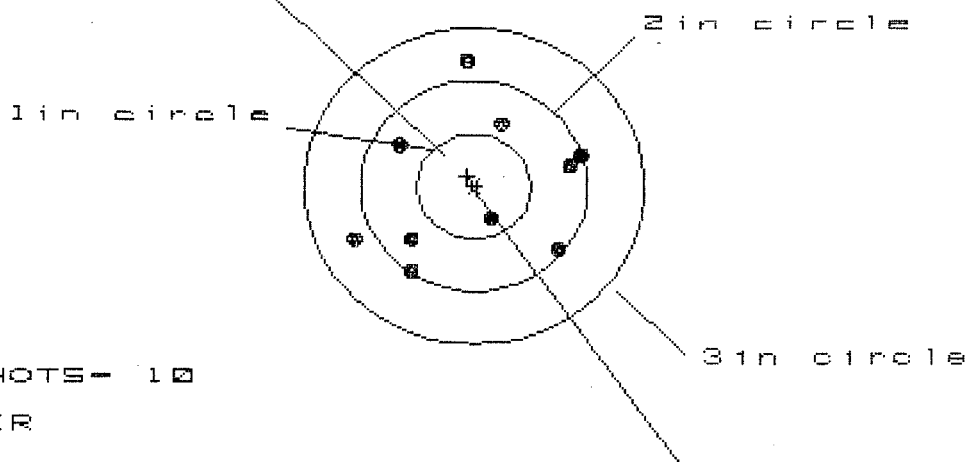
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CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 7

3 in = 10

HS= 2.077

VS= 1.975

GS= 2.226

CENTROID *

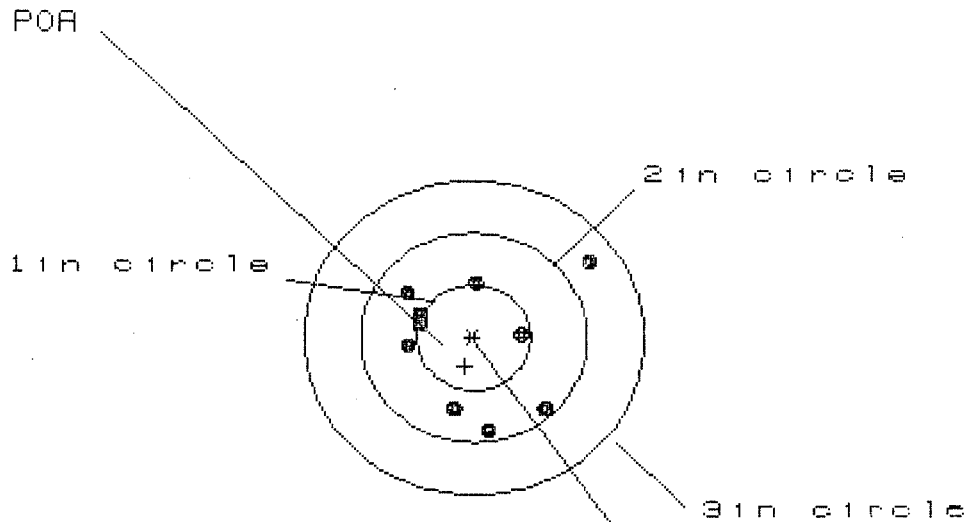
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.984	.863	.844
MINIMUM X	:	-1.093	-.760	-.779
MAXIMUM Y	:	1.185	1.132	.664
MINIMUM Y	:	-.790	-.843	-.702
CENTROID X	:	.059	.180	.199
CENTROID Y	:	-.099	-.046	-.187
POA TO CENTROID in.	:	.115	.186	.273
MIN RADIUS	:	.273	.307	.170
MEAN RADIUS	:	.858	.812	.754
MAX RADIUS	:	1.193	1.141	.987
HORIZONTAL SPREAD	:	2.077	1.623	1.623
VERTICAL SPREAD	:	1.975	1.975	1.366
EXTREME SPREAD	:	2.226	2.044	1.900
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

5



OF SHOTS- 10

IN CIR

1in - 2

2in - 9

3in = 10

HS- 1.681

VS= 1.614

GS= 1.870

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.058	.752	.641
MINIMUM X	:	-.623	-.505	-.412
MAXIMUM Y	:	.765	.619	.547
MINIMUM Y	:	-.849	-.765	-.837
CENTROID X	:	.078	-.040	-.134
CENTROID Y	:	.275	.191	.263
POA TO CENTROID in.	:	.286	.195	.295
MIN RADIUS	:	.436	.396	.277
MEAN RADIUS	:	.706	.622	.551
MAX RADIUS	:	1.305	.951	.909
HORIZONTAL SPREAD	:	1.681	1.257	1.053
VERTICAL SPREAD	:	1.614	1.384	1.384
EXTREME SPREAD	:	1.870	1.683	1.509
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	