

C6594638

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Serial Number: C6594638

Model: M24 SWS



RE00089036

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594638.___0
FILE DATE AND TIME: 01/10/2005 10:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.003
The Average Y Centroid of the Five Target Set:	-0.079
The Average Point of Impact of the Five Target Set:	0.079
The Average Mean Radius of the Five Target Set:	0.670
The Distance from POA to Centroid Target #1:	0.116
The Distance from Centroid Target #2 to Centroid Target #1:	0.181
The Distance from Centroid Target #3 to Centroid Target #1:	0.312
The Distance from Centroid Target #4 to Centroid Target #1:	0.119
The Distance from Centroid Target #5 to Centroid Target #1:	0.340

BARBER - M24 0020826

SERIAL NUMBER: C6594638.____0

TARGET NUMBER: 1

FILE DATE: 01/10/2005

FILE TIME: 10:59

X CENTROID: 0.072

Y CENTROID: 0.091

POA TO CENTROID: 0.116

HORZ SPREAD: 1.999

VERT SPREAD: 1.340

GROUP SPREAD: 2.030

MIN RADIUS: 0.441

MAX RADIUS: 1.247

MEAN RADIUS: 0.683

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
--------	---	---

1:	0.575	-0.332
----	-------	--------

2:	0.356	-0.264
----	-------	--------

3:	-0.250	-0.614
----	--------	--------

4:	-0.527	-0.174
----	--------	--------

5:	-0.346	0.465
----	--------	-------

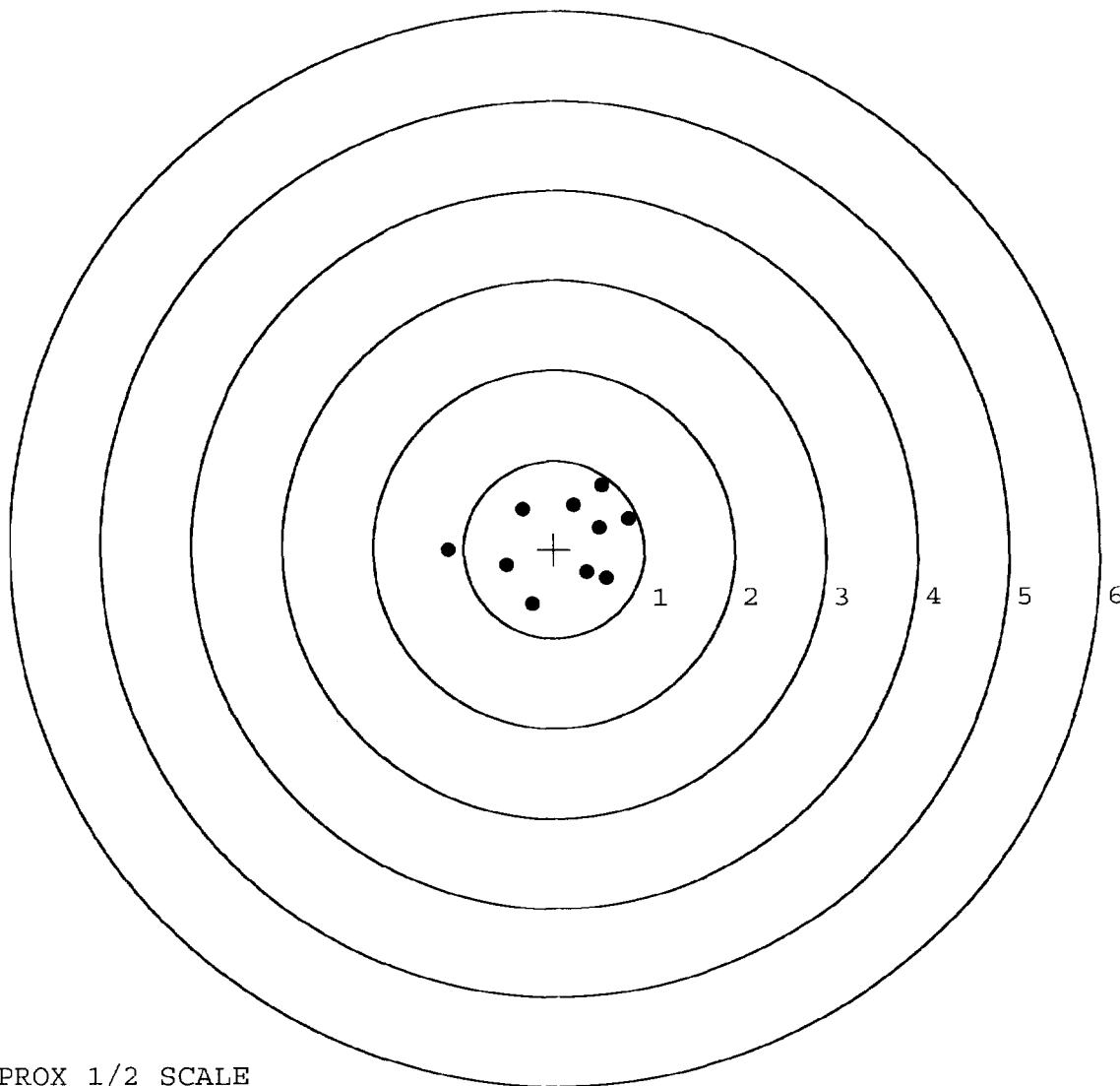
6:	-1.172	0.000
----	--------	-------

7:	0.827	0.351
----	-------	-------

8:	0.500	0.248
----	-------	-------

9:	0.534	0.726
----	-------	-------

10:	0.223	0.506
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TARGET APPROX 1/2 SCALE

BARBER - M24 0020827

SERIAL NUMBER: C6594638. 0

TARGET NUMBER: 2

FILE DATE: 01/10/2005

FILE TIME: 10:59

X CENTROID: -0.042

Y CENTROID: -0.050

POA TO CENTROID: 0.065

HORZ SPREAD: 1.200

VERT SPREAD: 1.501

GROUP SPREAD: 1.568

MIN RADIUS: 0.053

MAX RADIUS: 0.984

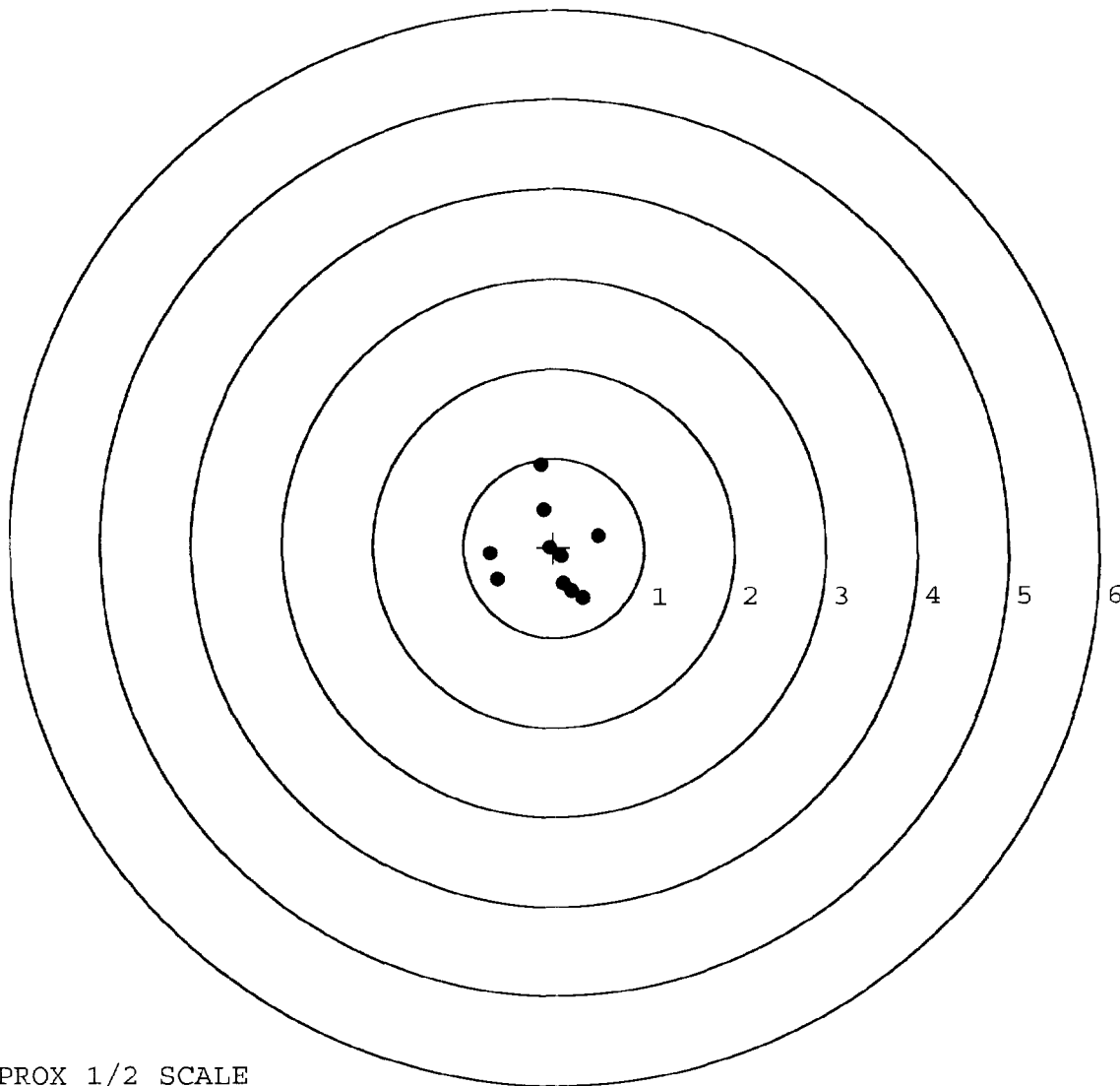
MEAN RADIUS: 0.508

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.136	0.930
2:	-0.110	0.427
3:	0.499	0.137
4:	-0.701	-0.062
5:	-0.631	-0.356
6:	-0.044	0.003
7:	0.089	-0.102
8:	0.103	-0.412
9:	0.189	-0.491
10:	0.319	-0.571



TARGET APPROX 1/2 SCALE

BARBER - M24 0020828

SERIAL NUMBER: C6594638.____0

TARGET NUMBER: 3

FILE DATE: 01/10/2005

FILE TIME: 10:59

X CENTROID: 0.027

Y CENTROID: -0.217

POA TO CENTROID: 0.219

HORZ SPREAD: 1.367

VERT SPREAD: 1.591

GROUP SPREAD: 1.760

MIN RADIUS: 0.072

MAX RADIUS: 1.040

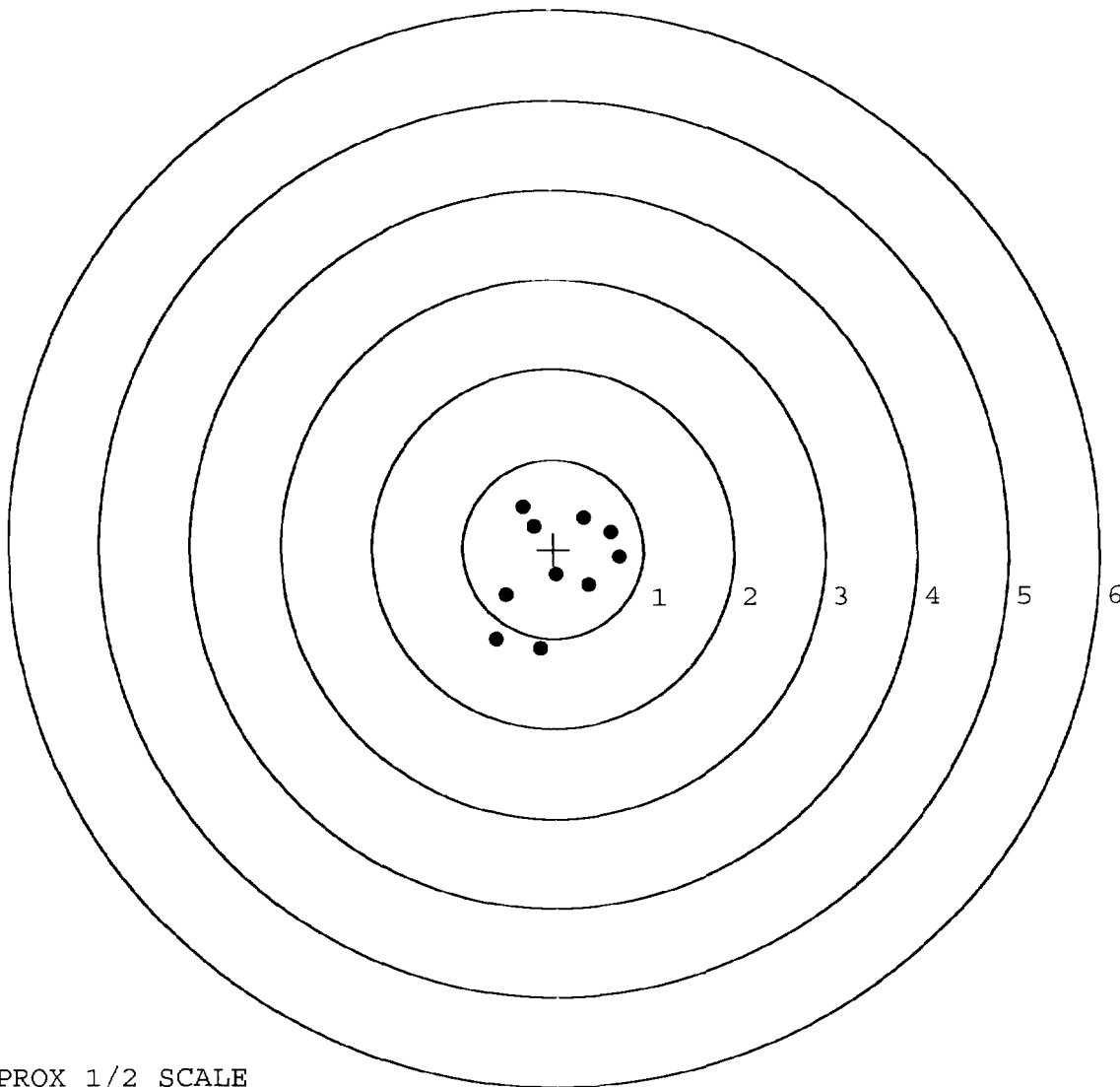
MEAN RADIUS: 0.649

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.148	-1.117
2:	-0.640	-1.015
3:	-0.531	-0.520
4:	0.027	-0.289
5:	0.390	-0.409
6:	0.727	-0.099
7:	0.646	0.187
8:	0.344	0.358
9:	-0.330	0.474
10:	-0.211	0.257



TARGET APPROX 1/2 SCALE

BARBER - M24 0020829

SERIAL NUMBER: C6594638. 0

TARGET NUMBER: 4

FILE DATE: 01/10/2005

FILE TIME: 10:59

X CENTROID: -0.022

Y CENTROID: 0.018

POA TO CENTROID: 0.028

HORZ SPREAD: 1.734

VERT SPREAD: 1.287

GROUP SPREAD: 1.890

MIN RADIUS: 0.355

MAX RADIUS: 1.097

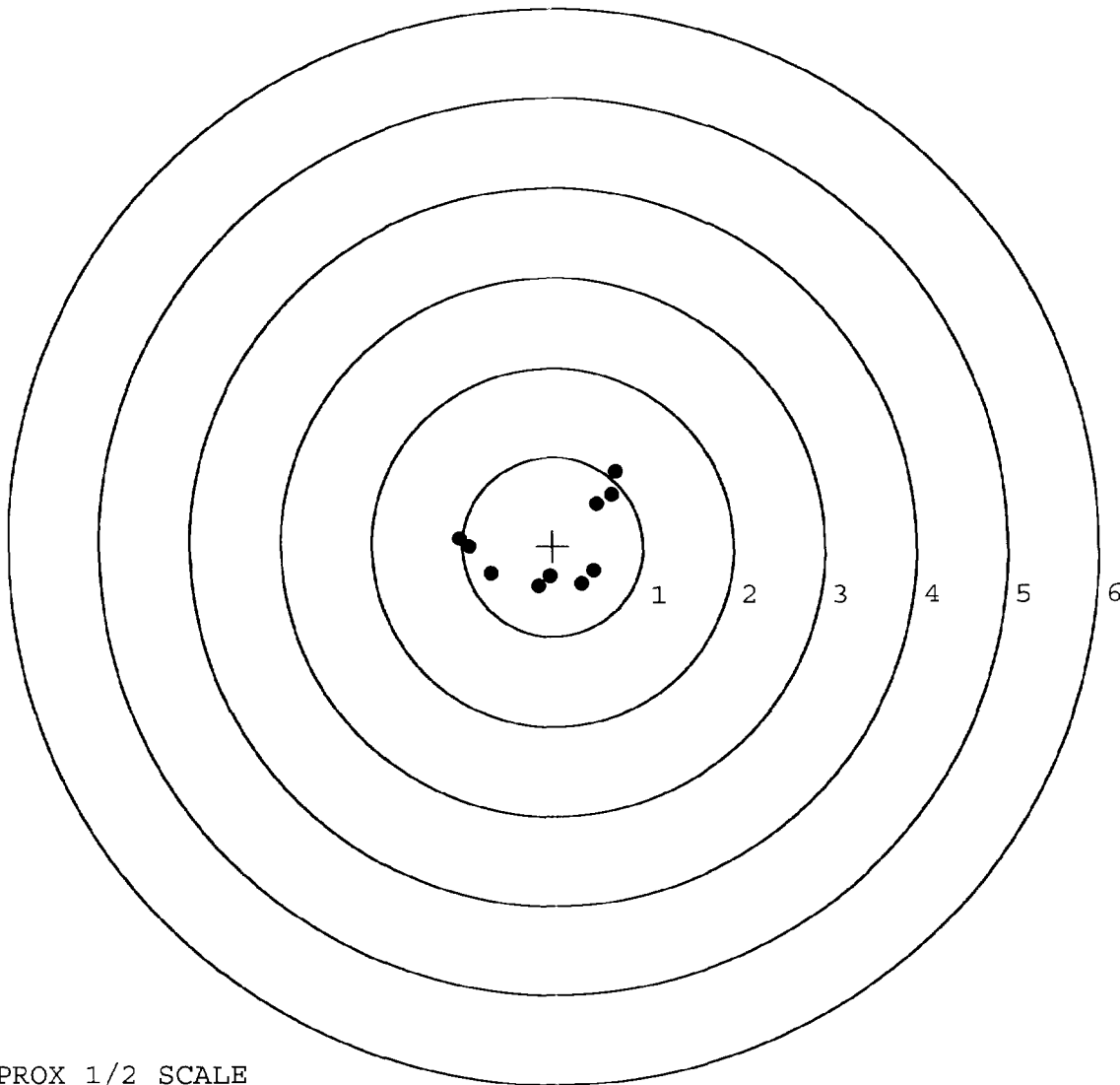
MEAN RADIUS: 0.729

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.029	0.087
2:	-0.925	0.004
3:	-0.689	-0.308
4:	-0.162	-0.448
5:	0.315	-0.433
6:	0.452	-0.281
7:	0.492	0.476
8:	0.660	0.577
9:	0.705	0.839
10:	-0.037	-0.337



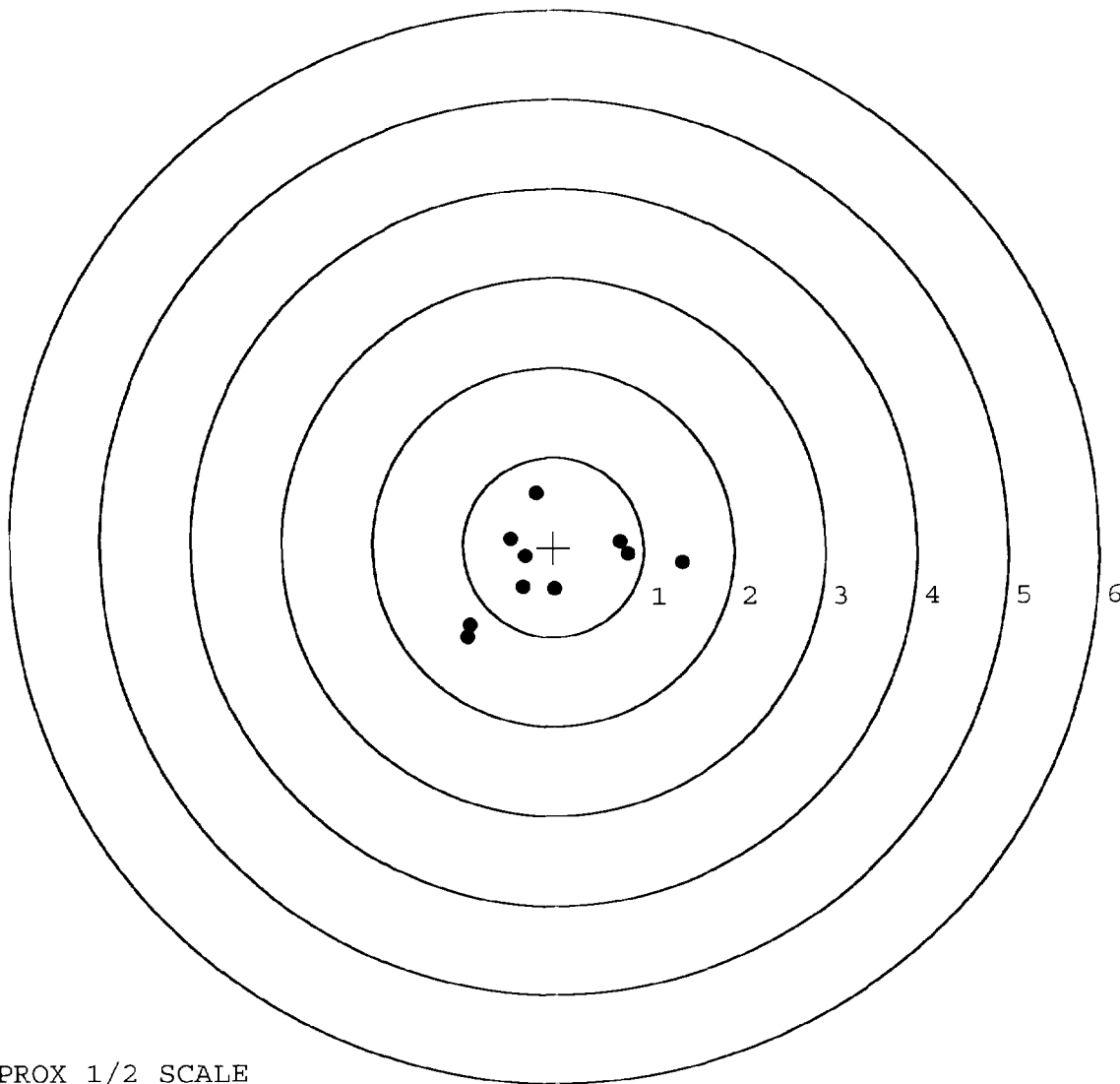
TARGET APPROX 1/2 SCALE

BARBER - M24 0020830

SERIAL NUMBER: C6594638. 0
TARGET NUMBER: 5
FILE DATE: 01/10/2005
FILE TIME: 10:59

X CENTROID: -0.020
Y CENTROID: -0.236
POA TO CENTROID: 0.237
HORZ SPREAD: 2.379
VERT SPREAD: 1.606
GROUP SPREAD: 2.517
MIN RADIUS: 0.234
MAX RADIUS: 1.446
MEAN RADIUS: 0.780
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.425	-0.179
2:	0.826	-0.079
3:	0.738	0.070
4:	-0.184	0.604
5:	-0.469	0.100
6:	-0.319	-0.100
7:	-0.345	-0.441
8:	0.013	-0.468
9:	-0.930	-0.870
10:	-0.954	-1.002



TARGET APPROX 1/2 SCALE

R & E NUMBER	89036		
SERIAL NUMBER	C6594638		
LOG-IN DATE	12-6-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-8-04	RTL
560 A	RE-BARREL	12-15-04	RTL
B	DRILL AND TAP	12-27-04	TRW
575	ASSEMBLE	12-16-04	RTL
600	PROOF	12-16-04	RTL
605	CHECK HEADSPACE	12-16-04	RTL
610	DIS-ASSEMBLE GUN	12-27-04	RTL
612	MAGNAFLUX	DEC 27 2004	RTL
615	ROLLMARK CALIBER	12-27-04	CW
618	ROTO-BLAST	12/28/04	DG
620	APPLY COATINGS	1/3/05	HP
625 A	FINAL ASSEMBLY	1-7-05	RTL
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-10-05	AC
655	FINAL INSPECT	1-11-05	AC
660	PACK	3-1-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington®


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

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

MODEL 700™ H24

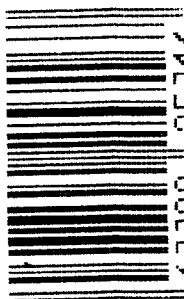
SERIAL NO.
C6594638

ORDER NO.
5716

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


5716 C6594638

UPC



0 47700 25716

7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594638

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/20/90	K.S.
600	Proof		12/20/90	K.S.
607	Check Headspace		12/20/90	K.S.
610	Dis-assemble Gun		12/20/90	K.S.
612	Magnaflux Barrel Action		1/9/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GB
617	Drill and Tap Sight Holes	1 10 91		EB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-22-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/29/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/29/91	KS
	C) Inspect Ejector Hole for Chamfer		1/29/91	KS
	D) Oil Firing Pin Ass'y		1/29/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/30/91	JA

op. #	BARBER M24 0020834 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1/30/91	WB
	G) Safety Off Force	2	2	2			1/30/91	WB
	H) Trigger Pull Test & Retainability						1/30/91	JL
	I) Firing Pin Indent	.0205	.0205	.0205			1/30/91	WB
	J) Assemble Stock						1/30/91	KS
	K) Assemble Swivel Studs						2-6-91	KS
	L) Attach Front and Rear Sight Assemblies						1/30/91	KS
	M) Iron Sight Alignment						1/30/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/30/91	KS
	O) Attach Scope to Rifle						1/30/91	KS
	P) Detach & Attach Scope 20 Times						1/30/91	KS
640	Gallery Target & Test						1/30/91	KS
	A) Time						"	KS
	B) Malfunctions						"	KS
	C) Pierced Primers						"	KS
	D) Optical Clarity of Scope						"	KS
645	Inspect for Live Ammo						1/30/91	KS
655	Final Inspection							
	A) Headspace						2-6-91	KS
	B) Trigger Pull	2.45	2.44	2.43	2.47	2.47	2-4-91	JL
	C) Function						2-6-91	KS
660	Pack						3-19-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594638DATE 1-30-91TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.54	2.43	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.45	2.45	2.44	
PULL #3	2.38	2.46	2.48	2.43	
PULL #4	2.18	2.46	2.38	2.47	
PULL #5	2.37	2.41	2.30	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.53	3.27		
PULL #2	3.48	3.37		
PULL #3	3.50	3.40		
PULL #4	3.43	3.42		
PULL #5	3.52	3.39		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.42		4.45
PULL #2	4.23	4.44		4.40
PULL #3	4.47	4.42		4.43
PULL #4	4.49	4.37		4.48
PULL #5	4.39	4.46		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594638
31 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.0892693
1 TO	2	.203384
1 TO	3	.0617171
1 TO	4	.075326
1 TO	5	.0870057

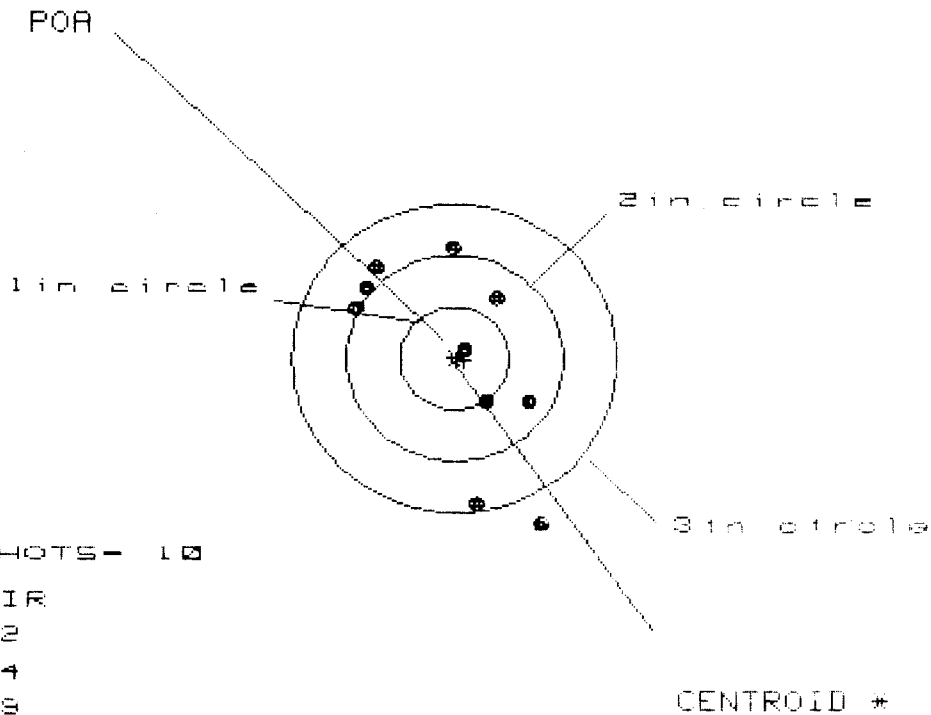
3 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0838
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .086
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .120077
THE AMR FOR THIS RIFLE IS: .8726

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06534638

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 4

3 in - 8

HS- 1.611

VS- 2.777

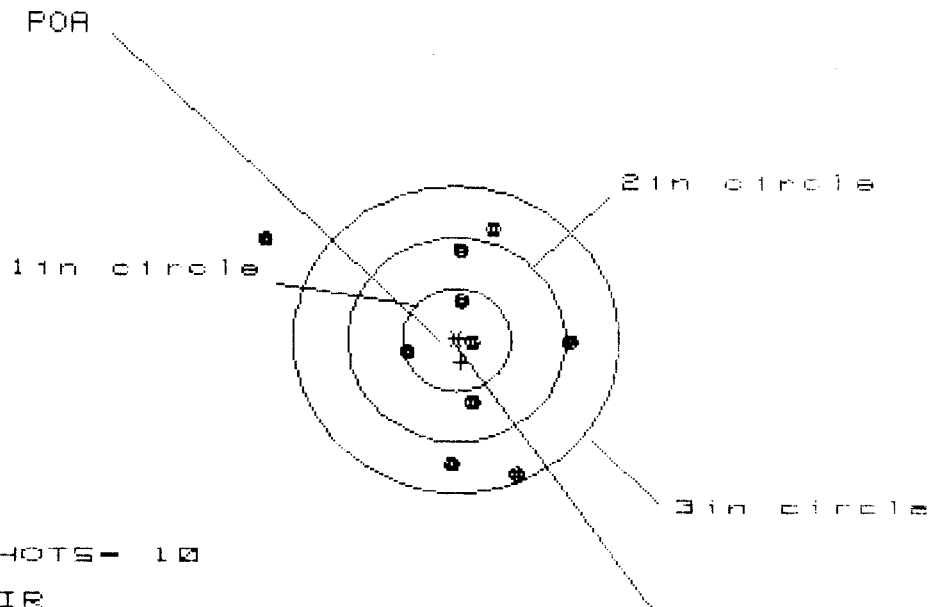
GS- 2.831

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.739	.781	.809
MINIMUM X	-.872	-.789	-.761
MAXIMUM Y	1.119	.935	.729
MINIMUM Y	-1.658	-1.643	-.844
CENTROID X	-.088	-.171	-.199
CENTROID Y	.015	.199	.405
POR TO CENTROID in.	.090	.262	.451
MIN RADIUS	.176	.214	.353
MEAN RADIUS	.981	.867	.746
MAX RADIUS	1.815	1.659	1.169
HORIZONTAL SPREAD	1.611	1.570	1.570
VERTICAL SPREAD	2.777	2.578	1.573
EXTREME SPREAD	2.931	2.580	1.954
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594638

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 9

HS = 2.767

VS = 2.388

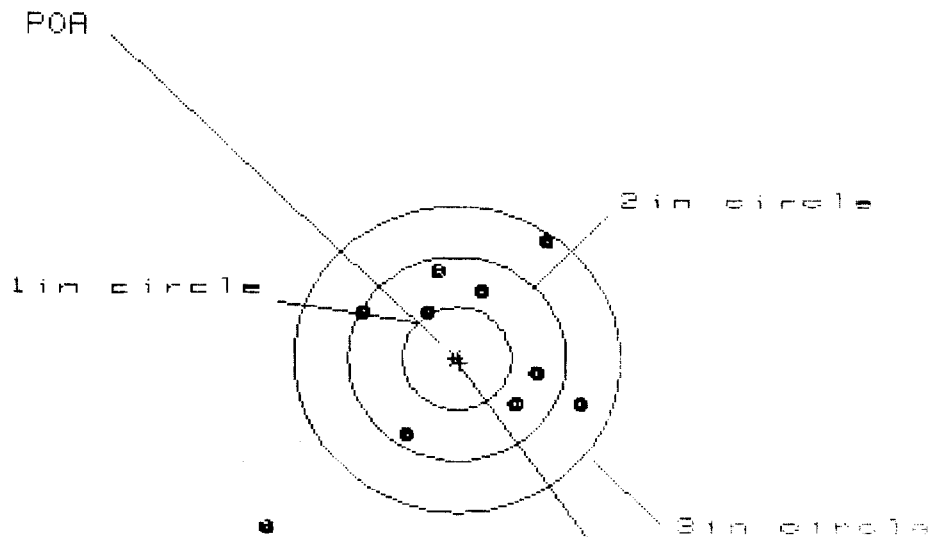
GS = 3.271

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.016	.821	.859
MINIMUM X	-1.751	-.651	-.613
MAXIMUM Y	1.051	1.166	1.013
MINIMUM Y	-1.337	-1.222	-1.208
CENTROID X	-.046	.149	.111
CENTROID Y	.214	.099	.252
POA TO CENTROID in.	.219	.179	.275
MIN RADIUS	.103	.129	.088
MEAN RADIUS	.915	.785	.702
MAX RADIUS	2.034	1.260	1.221
HORIZONTAL SPREAD	2.767	1.472	1.472
VERTICAL SPREAD	2.388	2.388	2.221
EXTREME SPREAD	3.271	2.391	2.257
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594638

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 0

2 in - 7

3 in - 9

HS = 2.951

VS = 2.763

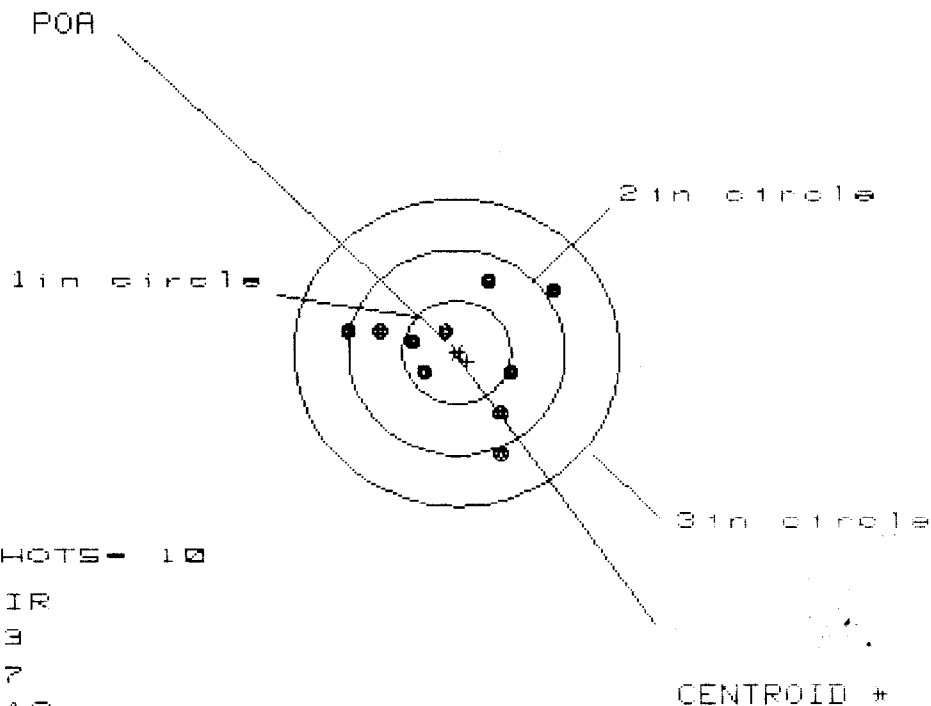
GS = 3.824

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.166	.968	1.050
MINIMUM X	:	-1.785	-1.016	-.934
MAXIMUM Y	:	1.110	.927	.759
MINIMUM Y	:	-1.653	-.959	-.843
CENTROID X	:	-.033	.165	.083
CENTROID Y	:	.043	.226	.110
POA TO CENTROID in.	:	.054	.280	.138
MIN RADIUS	:	.541	.436	.557
MEAN RADIUS	:	1.042	.844	.808
MAX RADIUS	:	2.432	1.178	1.189
HORIZONTAL SPREAD	:	2.951	1.984	1.984
VERTICAL SPREAD	:	2.763	1.886	1.602
EXTREME SPREAD	:	3.824	2.304	2.195
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594638

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS = 1.897

VS = 1.676

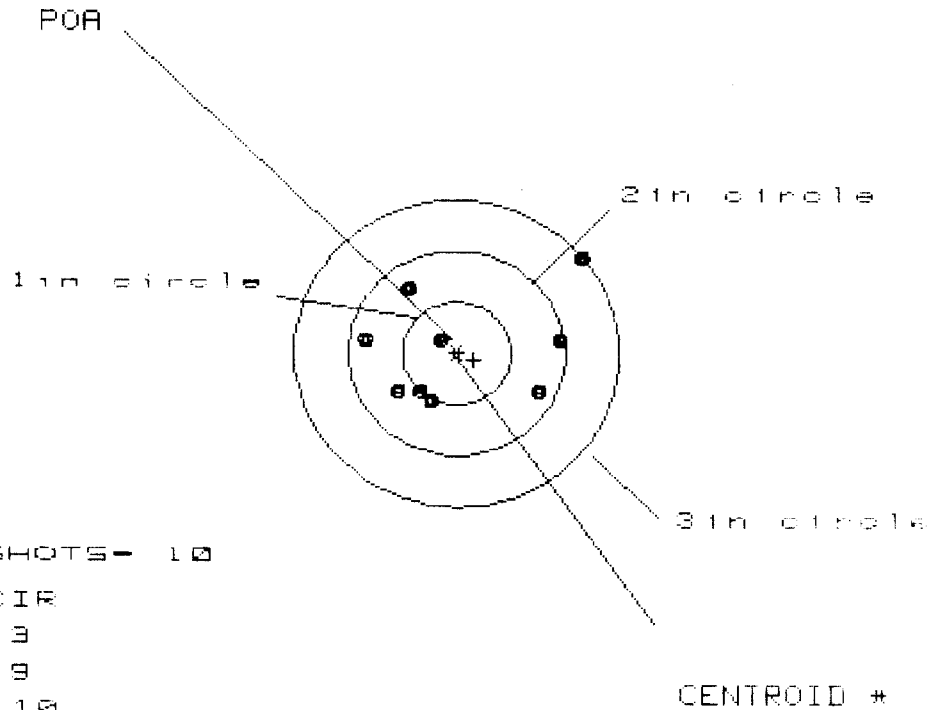
GS = 1.946

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.891	.595	.659
MINIMUM X	:	-1.006	-.907	-.843
MAXIMUM Y	:	.677	.750	.635
MINIMUM Y	:	-.999	-.926	-.682
CENTROID X	:	-.095	-.194	-.258
CENTROID Y	:	.090	.018	.133
POA TO CENTROID in.	:	.131	.195	.290
MIN RADIUS	:	.219	.257	.147
MEAN RADIUS	:	.696	.637	.558
MAX RADIUS	:	1.105	1.058	.878
HORIZONTAL SPREAD	:	1.897	1.502	1.502
VERTICAL SPREAD	:	1.676	1.676	1.317
EXTREME SPREAD	:	1.946	1.872	1.639
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594638

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in - 3

2in - 9

3in = 10

HS= 1.986

VS= 1.449

GS= 2.155

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.131	1.104	1.003
MINIMUM X	-.855	-.730	-.592
MAXIMUM Y	.942	.716	.740
MINIMUM Y	-.507	-.402	-.379
CENTROID X	-.157	-.282	-.420
CENTROID Y	.068	-.037	-.061
POA TO CENTROID in.	.171	.285	.424
MIN RADIUS	.198	.279	.241
MEAN RADIUS	.729	.603	.503
MAX RADIUS	1.472	1.120	1.026
HORIZONTAL SPREAD	1.986	1.834	1.545
VERTICAL SPREAD	1.449	1.118	1.118
EXTREME SPREAD	2.155	1.834	1.657
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	

BARBER - M24 0020842

NUMBER IN THREE INCH CIRCLE =

10

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18075

INITIAL
FDC

CUSTOMER ORDER NO.

DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

Scope 0869

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/09/94

06/09/94

C6594638

700 7-62

NATO

ACCESSORIES

SLING STRAP

HARD CASE

SCOPE MNTS

SCOPE BASE

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-10.1

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

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

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Trigger Assy \$173.31
CTI 50.00
\$223.31

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

BARBER - M24 0020882

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594638DATE 8/29/95TESTER SF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.33	2.60		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.34	2.26		
PULL #3	2.98	2.33	2.61		
PULL #4	2.55	2.57	2.54		
PULL #5	2.56	2.44	2.64		
TOTAL	13.16	12.01	12.65		
AVG.	2.63	2.40	2.53		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.01		
PULL #2	3.07	3.02		
PULL #3	3.13	3.15		
PULL #4	3.08	3.04		
PULL #5	3.21	3.12		
TOTAL	15.60	15.34		
AVG.	3.12	3.07		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.04	4.44	
PULL #2	4.35	4.24	4.13	
PULL #3	4.32	4.14	4.48	
PULL #4	4.45	4.41	4.16	
PULL #5	4.43	4.51	4.31	
TOTAL	21.97	21.34	21.52	
AVG.	4.39	4.27	4.30	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594638

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			

BARBER - M24 0020846		READINGS			DATE	INIT		
op. #	OP. NAME							
525 cont.	F) Safety On Force	6 1/2	6 1/4	6 1/4	12/14	WB		
	G) Safety Off Force	2 3/4	2 3/4	3	12/14	WB		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	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	2.22	2.17	2.21	2.15	2.18	12/14	WB
	C) Function							
660	Pack							