

06349156

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349156.___0
FILE DATE AND TIME: 02/23/2006 05:03

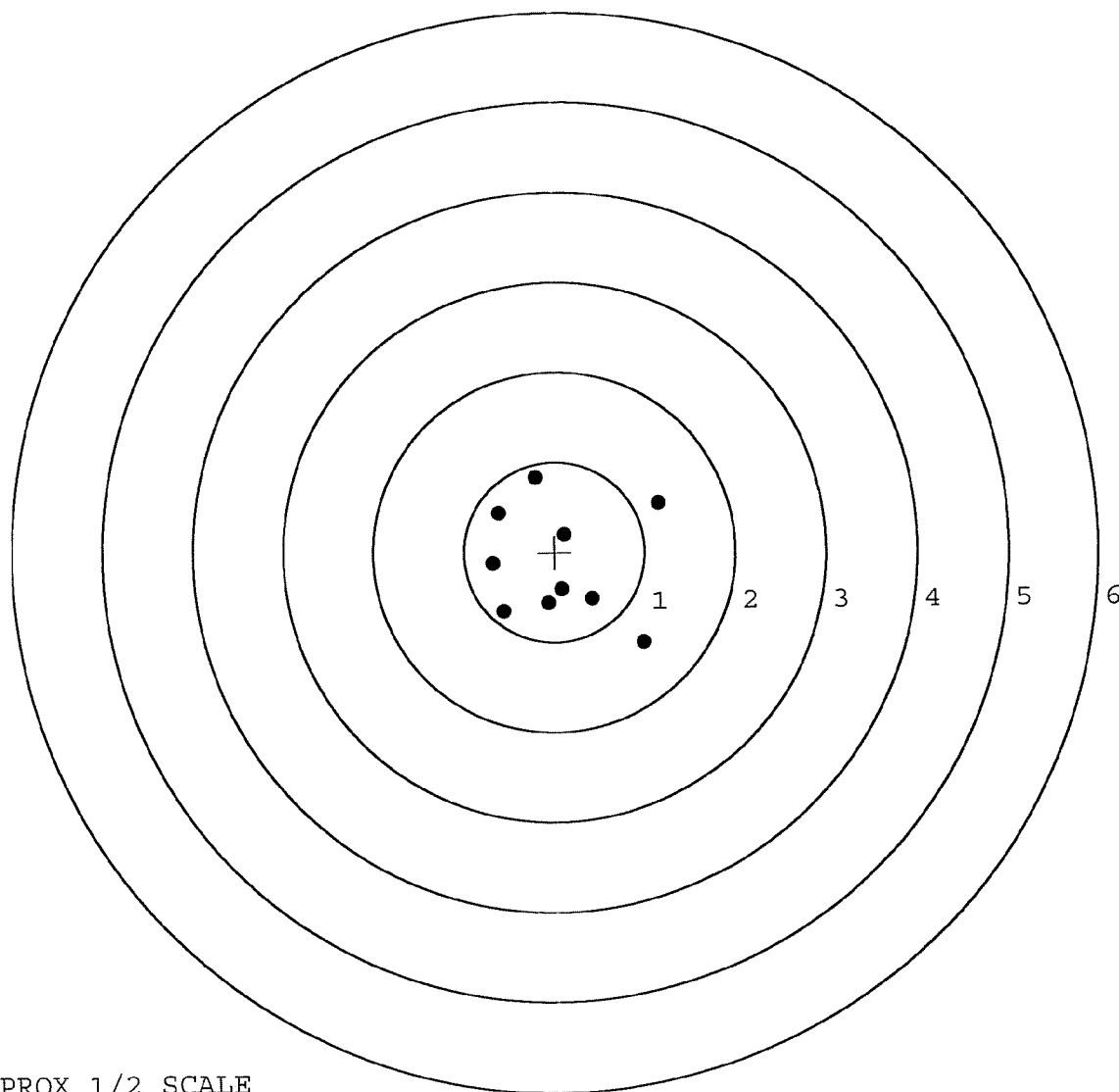
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.051
The Average Y Centroid of the Five Target Set:	-0.033
The Average Point of Impact of the Five Target Set:	0.061
The Average Mean Radius of the Five Target Set:	0.746
The Distance from POA to Centroid Target #1:	0.142
The Distance from Centroid Target #2 to Centroid Target #1:	0.278
The Distance from Centroid Target #3 to Centroid Target #1:	0.407
The Distance from Centroid Target #4 to Centroid Target #1:	0.269
The Distance from Centroid Target #5 to Centroid Target #1:	0.220

SERIAL NUMBER: C6349156. __0
 TARGET NUMBER: 1
 FILE DATE: 02/23/2006
 FILE TIME: 05:03

POINT#	X	Y
1:	0.986	-1.014
2:	1.157	0.539
3:	0.415	-0.523
4:	0.079	-0.419
5:	-0.078	-0.570
6:	0.108	0.199
7:	-0.571	-0.656
8:	-0.682	-0.123
9:	-0.615	0.444
10:	-0.208	0.831

X CENTROID: 0.059
 Y CENTROID: -0.129
 POA TO CENTROID: 0.142
 HORZ SPREAD: 1.839
 VERT SPREAD: 1.845
 GROUP SPREAD: 2.101
 MIN RADIUS: 0.290
 MAX RADIUS: 1.285
 MEAN RADIUS: 0.763
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349156. __0

TARGET NUMBER: 2

FILE DATE: 02/23/2006

FILE TIME: 05:03

X CENTROID: -0.011

Y CENTROID: -0.398

POA TO CENTROID: 0.398

HORZ SPREAD: 2.778

VERT SPREAD: 2.425

GROUP SPREAD: 3.168

MIN RADIUS: 0.194

MAX RADIUS: 1.854

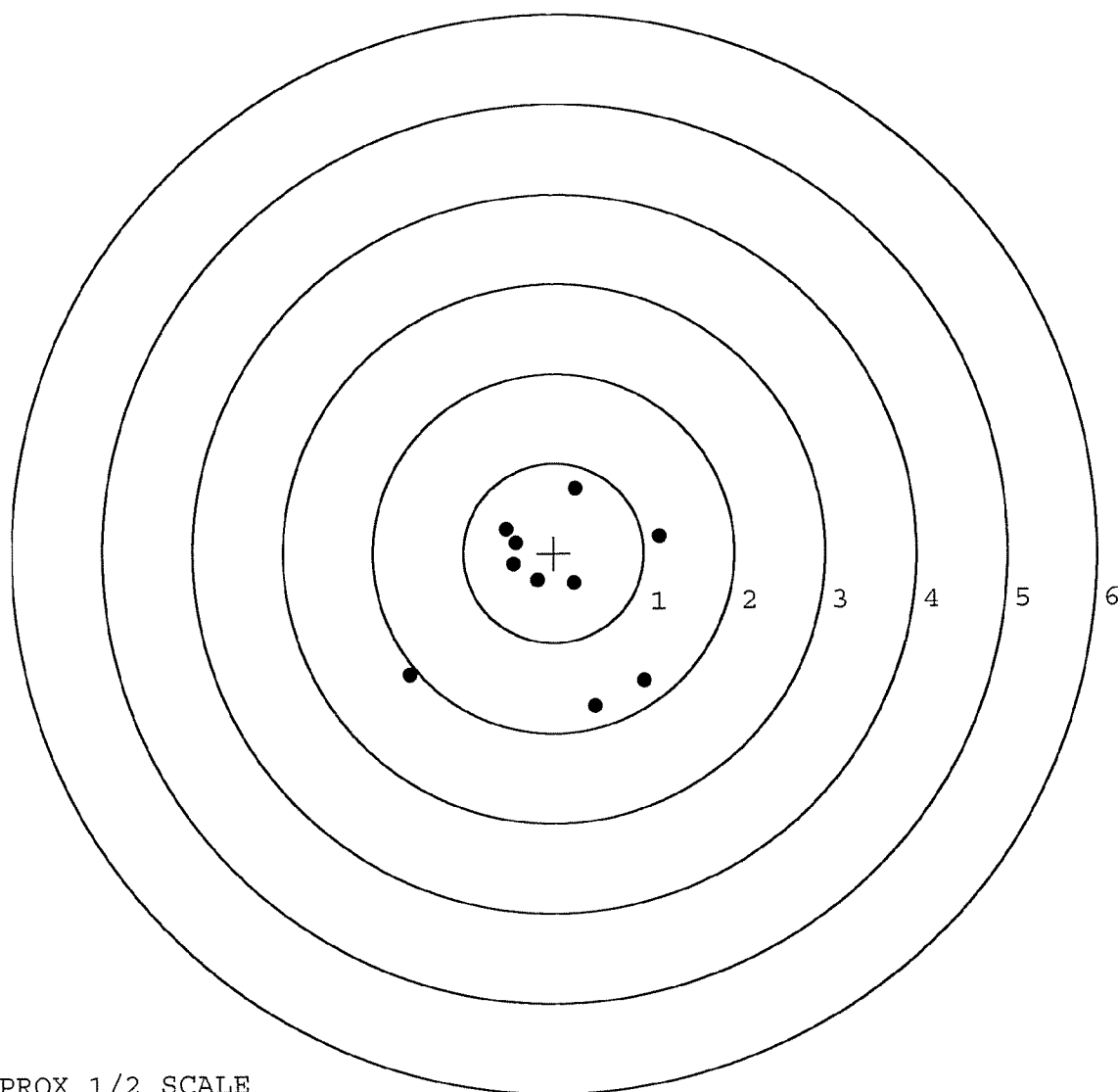
MEAN RADIUS: 0.961

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.997	-1.436
2:	0.449	-1.707
3:	-1.603	-1.347
4:	1.175	0.176
5:	0.223	-0.340
6:	-0.185	-0.313
7:	-0.451	-0.122
8:	-0.421	0.119
9:	-0.533	0.270
10:	0.244	0.718



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349156. 0

TARGET NUMBER: 3

FILE DATE: 02/23/2006

FILE TIME: 05:03

X CENTROID: -0.132

Y CENTROID: 0.230

POA TO CENTROID: 0.265

HORZ SPREAD: 1.596

VERT SPREAD: 2.088

GROUP SPREAD: 2.212

MIN RADIUS: 0.053

MAX RADIUS: 1.251

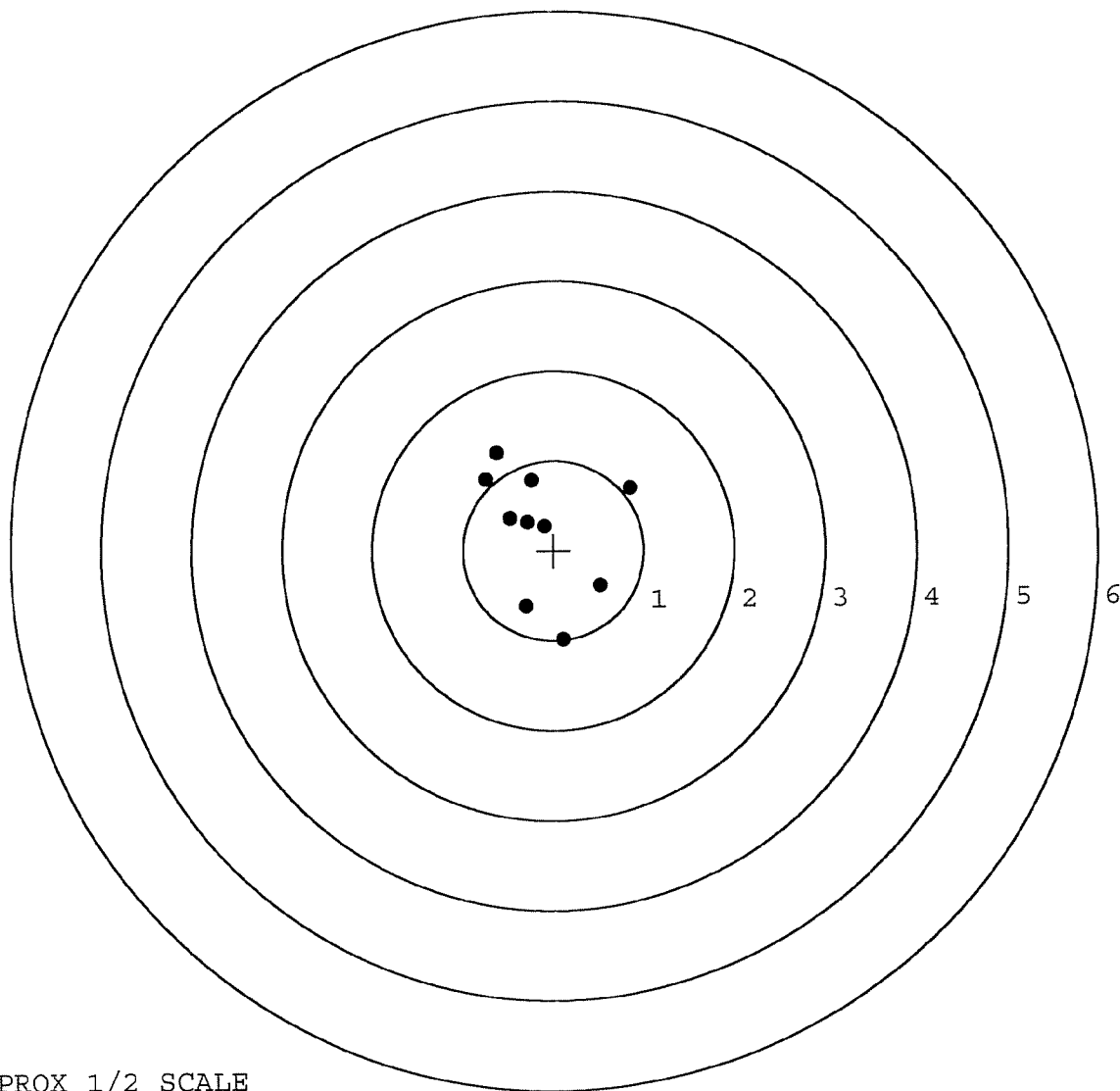
MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

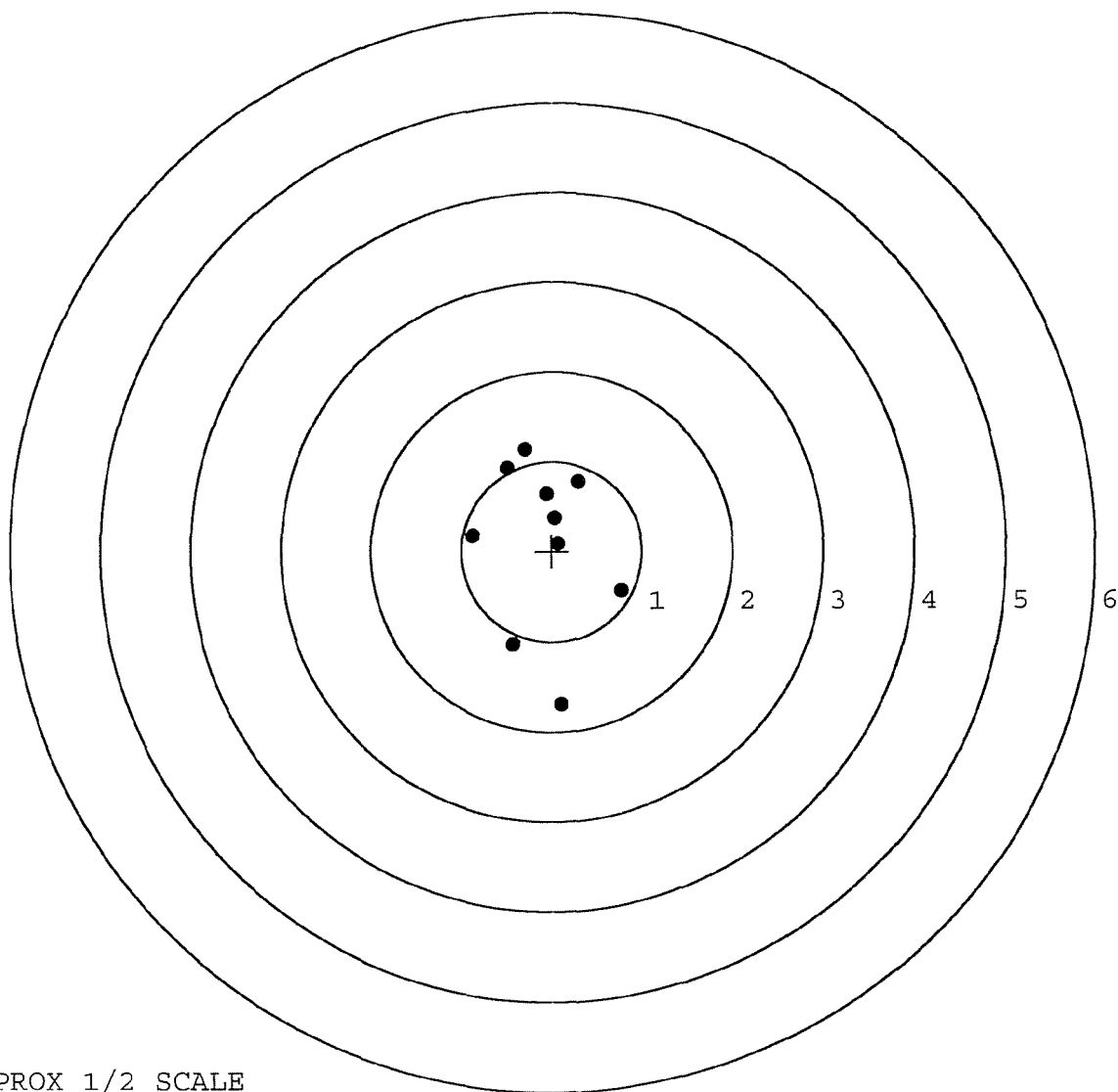
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.103	-0.999
2:	0.514	-0.396
3:	-0.311	-0.623
4:	0.853	0.693
5:	-0.242	0.782
6:	-0.626	1.089
7:	-0.743	0.798
8:	-0.102	0.273
9:	-0.287	0.316
10:	-0.481	0.366



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349156. __ 0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.101	-1.705
FILE DATE: 02/23/2006	2:	-0.435	-1.032
FILE TIME: 05:03	3:	0.768	-0.441
	4:	-0.874	0.178
X CENTROID: -0.090	5:	-0.498	0.933
Y CENTROID: 0.094	6:	-0.295	1.139
POA TO CENTROID: 0.130	7:	0.298	0.780
HORZ SPREAD: 1.642	8:	-0.061	0.634
VERT SPREAD: 2.844	9:	0.031	0.372
GROUP SPREAD: 2.871	10:	0.069	0.086
MIN RADIUS: 0.159			
MAX RADIUS: 1.809			
MEAN RADIUS: 0.857			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0108960

SERIAL NUMBER: C6349156. __ 0

TARGET NUMBER: 5

FILE DATE: 02/23/2006

FILE TIME: 05:03

POINT#	X	Y
1:	0.085	0.996
2:	0.606	-0.417
3:	0.377	-0.055
4:	0.128	-0.040
5:	-0.008	0.017
6:	-0.340	-0.265
7:	-0.237	-0.009
8:	-0.522	0.207
9:	-0.555	-0.033
10:	-0.376	-0.025

X CENTROID: -0.084

Y CENTROID: 0.038

POA TO CENTROID: 0.092

HORZ SPREAD: 1.161

VERT SPREAD: 1.413

GROUP SPREAD: 1.506

MIN RADIUS: 0.079

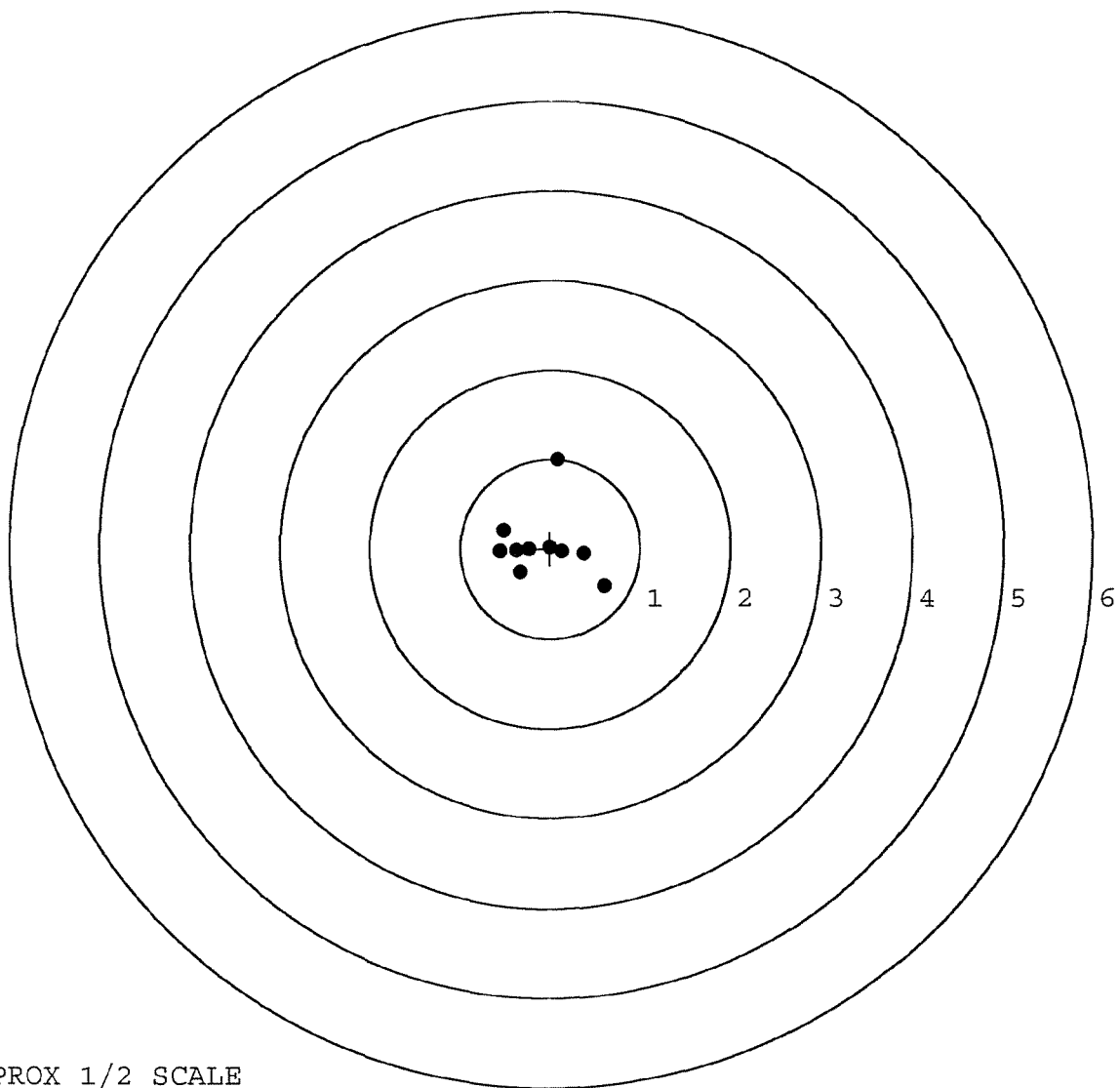
MAX RADIUS: 0.973

MEAN RADIUS: 0.437

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	108061		
SERIAL NUMBER	C6349156		
LOG-IN DATE	2-13-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-13-06	RTZ
505	RE-BARREL	2-14-06	RTZ
560	ASSEMBLE	2-14-06	RTZ
600	PROOF	MAGNA-FLUX INSPECTED 2-14-06	TRW
605	CHECK HEADSPACE	2-14-06	TRW
610	DIS-ASSEMBLE GUN	FEB 16 2006 2-15-06	RTZ
612	MAGNAFLUX	OPERATOR <i>curious</i> 2-16-06	<i>curious</i>
510	DRILL AND TAP	2-15-06	TRW
615	ROLLMARK CALIBER	2-15-06	CW
618	ROTO-BLAST	2-16-06	LB
620	APPLY COATINGS	2-21-06	FB
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	<u>PASS</u> FAIL	2-23-06 TRW
650	TARGET	<u>PASS</u> FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	N/A
	MALFUNCTION	CORRECTION	2-23-06 <i>ST</i>
670	FINAL INSPECTION	2-27-06	AC
	A) HEADSPACE	<u>PASS</u> FAIL	2-27-06 AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	N/A
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	5 lbs 5 lbs 5 lbs <i>K</i>
	G) SAFETY OFF FORCE	2 LBS	3 lbs 3 lbs 3 lbs <i>K</i>
	I) FIRING PIN INDENT	.020	.023 .023 .023 <i>K</i>
690	PACK		3-3-06 <i>RTZ</i>

BARBER, M24-0108962

ORDER

R 95-10938

F43

W/10X SCOPE SNIPER W/DEPLOYMENT KIT

ATTN: FRED MARTIN

Scope S/N 90 0026

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
03/30/95	03/31/95	EJ 10-89	C6349156		700 7.62 NATO
ACCESSORIES	SLING STRAP	SCOPE MNTS	SCOPE BASE	HARD CASE	SOFT CASE

FROM:

SHIP TO:

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

AL 36201-5025

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

36201-5025

CUST NO:098397 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

PROM. DATE

ESTIMATED	
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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			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

ARTS	COMMENTS
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- ✓ New Barrel
- ✓ Stock, Trig Assy
- ✓ Firing Pin Assy
- ✓ Front & Rear Sight Assy

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
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GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
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7/23/96	7/23/96
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OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0148982109001

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6349156DATE 7-12-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.48	2.43		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.36	2.60		
PULL #3	2.39	2.55	2.55		
PULL #4	2.52	2.56	2.33		
PULL #5	2.54	2.55	2.66		
TOTAL	12.40	12.50	12.57		
AVG.	2.48	2.50	2.51		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.21		
PULL #2	3.29	3.26		
PULL #3	3.00	3.15		
PULL #4	3.09	3.29		
PULL #5	3.16	3.27		
TOTAL	15.64	16.18		
AVG.	3.12	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	4.03		4.23
PULL #2	4.00	3.82		4.25
PULL #3	4.00	4.10		4.20
PULL #4	4.11	3.92		4.09
PULL #5	4.10	3.93		4.19
TOTAL	20.23	19.80		20.96
AVG.	4.04	3.96		4.19

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

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. #	BARBER - M24 0108965 OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5.5	5	5.5	8/2	SF		
	G) Safety Off Force	3	3.5	3.5	8/2	SF		
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.0235	.0235	8/2	SF		
	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	2.35	2.23	2.28	2.31	2.31	8/1/80	SF
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349156
11 Jan 1980

CENTROIDAL DISTANCES

0 TO 1	.252357
1 TO 2	.500919
1 TO 3	.183565
1 TO 4	.505974
1 TO 5	.160776

4.4 ←---POR

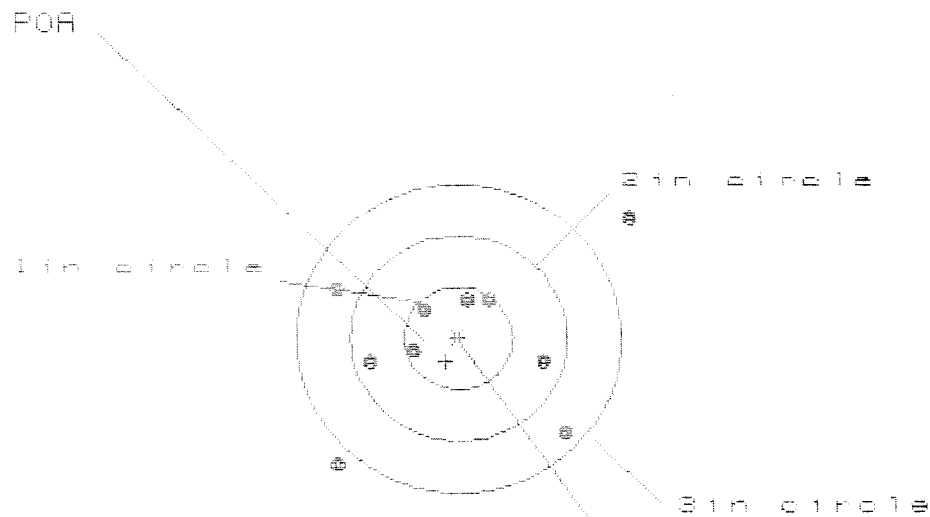
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .194
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1186
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .15774

THE AMR FOR THIS RIFLE IS: .978

11 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349158

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 6

3 in = 8

HS= 2.710

VS= 2.387

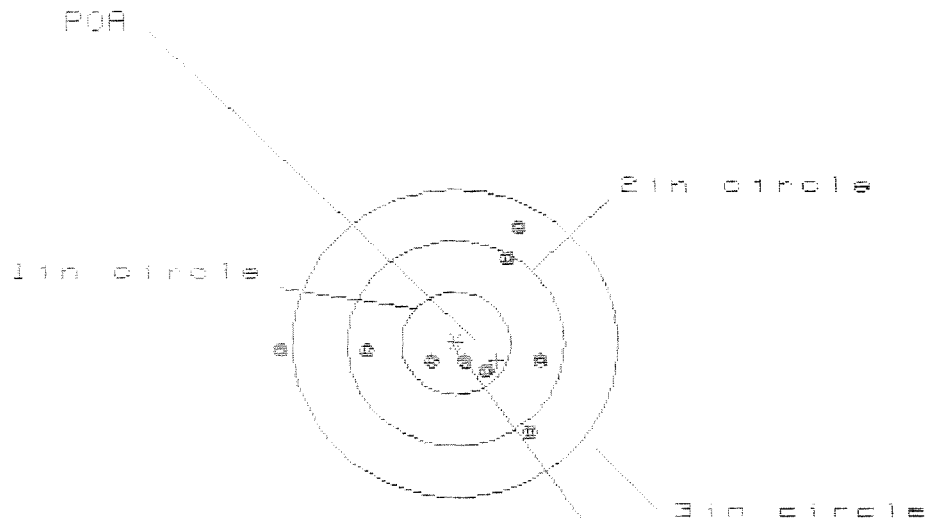
GS= 3.611

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.683	1.193	1.077
MINIMUM X	-1.187	-0.929	-1.008
MAXIMUM Y	1.213	.573	.443
MINIMUM Y	-1.174	-1.039	-.949
CENTROID X	.120	-.058	.058
CENTROID Y	.222	.087	.217
POA TO CENTROID in.	.252	.105	.224
MIN RADIUS	.357	.290	.380
MEAN RADIUS	.961	.836	.742
MAX RADIUS	2.011	1.447	1.435
HORIZONTAL SPREAD	2.710	2.122	2.035
VERTICAL SPREAD	2.387	1.612	1.092
EXTREME SPREAD	3.611	2.507	2.507
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

11 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08345158

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIRC

1in = 4

2in = 7

3in = 9

HM = 0.333

VS = 2.062

GS = 2.562

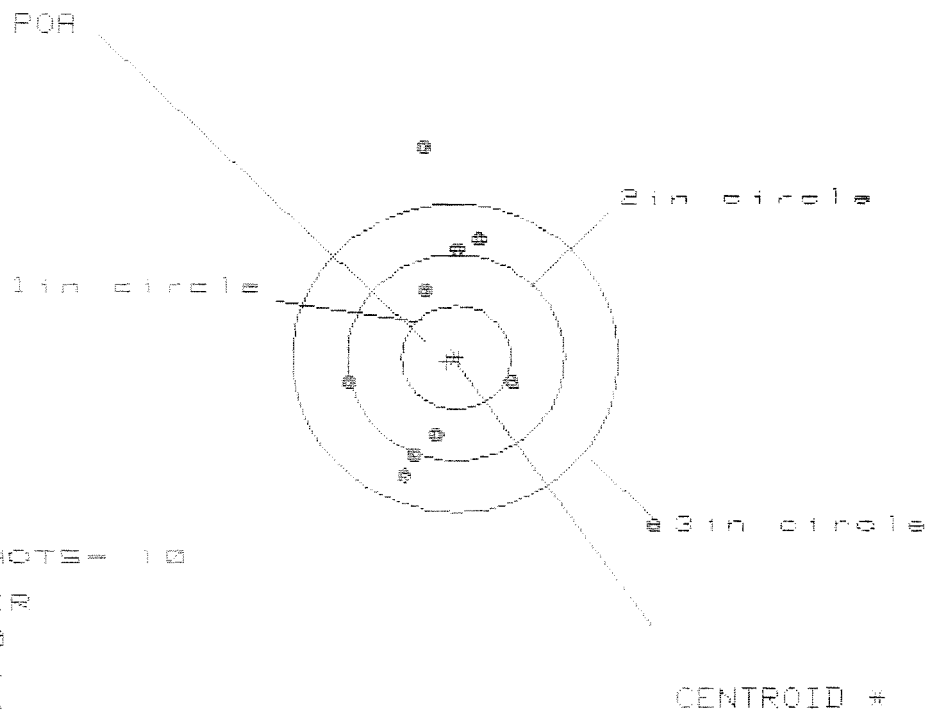
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.736	.551	.607
MINIMUM X	-1.607	-1.956	-1.930
MAXIMUM Y	1.160	1.149	.928
MINIMUM Y	-.902	-.913	-.769
CENTROID X	-.378	-.199	-.255
CENTROID Y	.168	.179	.035
POA TO CENTROID in.	.413	.268	.257
MIN RADIUS	.193	.219	.070
MEAN RADIUS	.766	.674	.558
MAX RADIUS	1.610	1.233	.985
HORIZONTAL SPREAD	2.337	1.537	1.537
VERTICAL SPREAD	2.062	2.062	1.697
EXTREME SPREAD	2.562	2.064	1.742
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

11 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06349156

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 2.000

VS = 3.680

QS = 4.269

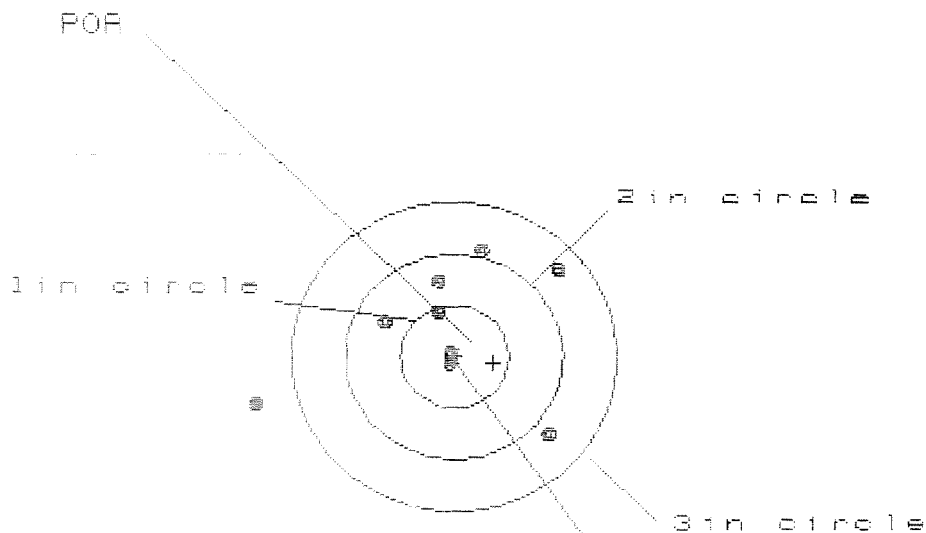
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10		8
MAXIMUM X	:	1.843	1.754	.666
MINIMUM X	:	-.959	-.754	-.768
MAXIMUM Y	:	2.056	1.875	1.196
MINIMUM Y	:	-1.624	-1.355	-1.120
CENTROID X	:	.084	-.121	-.107
CENTROID Y	:	.042	.223	-.012
POA TO CENTROID in.	:	.094	.254	.108
MIN RADIUS	:	.520	.471	.672
MEAN RADIUS	:	1.202	1.045	.918
MAX RADIUS	:	2.457	1.879	1.254
HORIZONTAL SPREAD	:	2.802	1.434	1.434
VERTICAL SPREAD	:	3.680	3.230	2.316
EXTREME SPREAD	:	4.269	3.234	2.410
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

11 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6349156

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.793

VS= 3.061

GS= 3.073

CENTROID #

PATTERN #	:	4
SHOTS (BEST OF)	:	10
MAXIMUM X	:	.961
MINIMUM X	:	-1.808
MAXIMUM Y	:	.991
MINIMUM Y	:	-2.070
CENTROID X	:	-.359
CENTROID Y	:	.059
POR TO CENTROID (in.)	:	.363
MIN RADIUS	:	.027
MEAN RADIUS	:	.949
MAX RADIUS	:	2.148
HORIZONTAL SPREAD	:	2.793
VERTICAL SPREAD	:	3.061
EXTREME SPREAD	:	3.073
NUMBER IN ONE INCH CIRCLE	=	3
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	8

11 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6349158

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 2.403

VS= 2.456

GS= 3.010

PATTERN #

5

SHOTS (BEST OF)

10

8

MAXIMUM X

.987

.911

MINIMUM X

-1.416

-1.135

MAXIMUM Y

1.600

1.028

.997

MINIMUM Y

-.856

-.678

-.709

CENTROID X

.013

-.077

.089

CENTROID Y

.102

-.076

-.045

POA TO CENTROID in.

.103

.108

.099

MIN RADIUS

.523

.421

.454

MEAN RADIUS

1.012

.903

.831

MAX RADIUS

1.793

1.349

1.172

HORIZONTAL SPREAD

2.403

2.403

2.047

VERTICAL SPREAD

2.456

1.706

1.706

EXTREME SPREAD

3.010

2.409

2.055

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

9

SCOPE 0644

GUN SERIAL # C6349156

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A.C.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	10 1689		LB
618	Polish Barrel AB	10 1689		BT
620	Apply Coatings (Barrel Action)		10-27-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-6-89	RM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-7-89	gH
	G) Safety Off Force	3	3	3			11-7-89	gH
	H) Trigger Pull Test & Retainability						11-6-89	gH
	I) Firing Pin Indent	.821	.0205	.0205			11-7-89	gH
	J) Assemble Stock						11/7/89	RW
	K) Assemble Swivel Studs						11 Dec 89	gH
	L) Attach Front and Rear Sight Assemblies						11/7/89	RW
	M) Iron Sight Alignment						11/7/89	RW
	N) Detach Front & Rear Sights & place in numbered container						11/7/89	RW
	O) Attach Scope to Rifle						11-7-89	gH
	P) Detach & Attach Scope 20 Times						11-7-89	gH
640	Gallery Target & Test						11-10-89	gH
	A) Time						11-10-89	gH
	B) Malfunctions						11-10-89	gH
	C) Pierced Primers						11-10-89	gH
	D) Optical Clarity of Scope						11-10-89	gH
645	Inspect for Live Ammo						11-10-89	gH
655	Final Inspection							
	A) Headspace						11 Dec 89	gH
	B) Trigger Pull	2.22	2.19	2.15	2.17	2.18	11 Dec 89	gH
	C) Function						11 Dec 89	gH
660	Pack						13 Dec 89	gH

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

SERIAL NO. C6349156
DATE 12/20/90
TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.63	2.43	2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.54	2.34	2.38	
PULL #3	2.46	2.38	2.37	
PULL #4	2.48	2.34	2.38	
PULL #5	2.49	2.37	2.37	
TOTAL	12.60	11.86	11.95	
AVG.	2.52	2.372	2.39	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.00	2.93	
PULL #2	2.99	2.94	
PULL #3	2.98	2.96	
PULL #4	2.96	2.93	
PULL #5	2.98	2.97	
TOTAL	14.91	14.79	
AVG.	2.982	2.958	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.96	4.01		
PULL #2	3.99	3.86		
PULL #3	3.98	3.72		
PULL #4	4.04	3.83		
PULL #5	4.00	3.90		
TOTAL	19.97	19.32		
AVG.	3.994	3.864		

MOD. _____ GA. CAL. _____ GUN # 26349156

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Shaver brass Don't expect	OW
	2nd	Shot OK =	RW
	3rd		
	4th		

FUNCTION RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	Ream Ejector hole Polish Ejector 12/8/89 Repaired	RW
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349156
10 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.42793
1 TO	2	.434038
1 TO	3	.582416
1 TO	4	.254855
1 TO	5	.368572

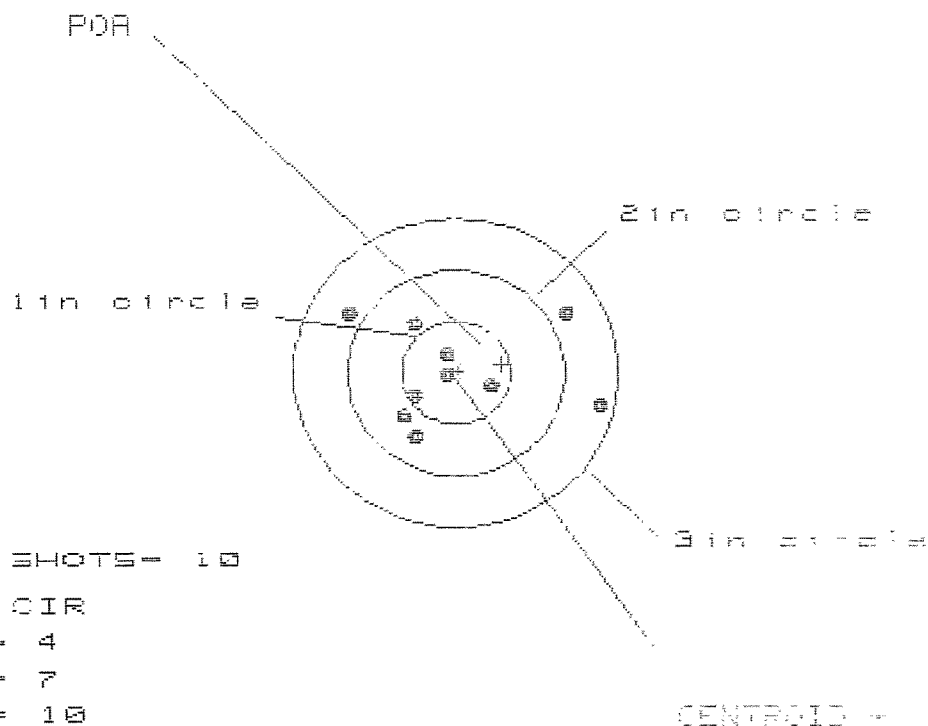
$\frac{2}{123}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2204
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0266
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .082133
THE AMR FOR THIS RIFLE IS: .9182

16 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C9349136

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 2.231

VS= 1.233

GS= 2.403

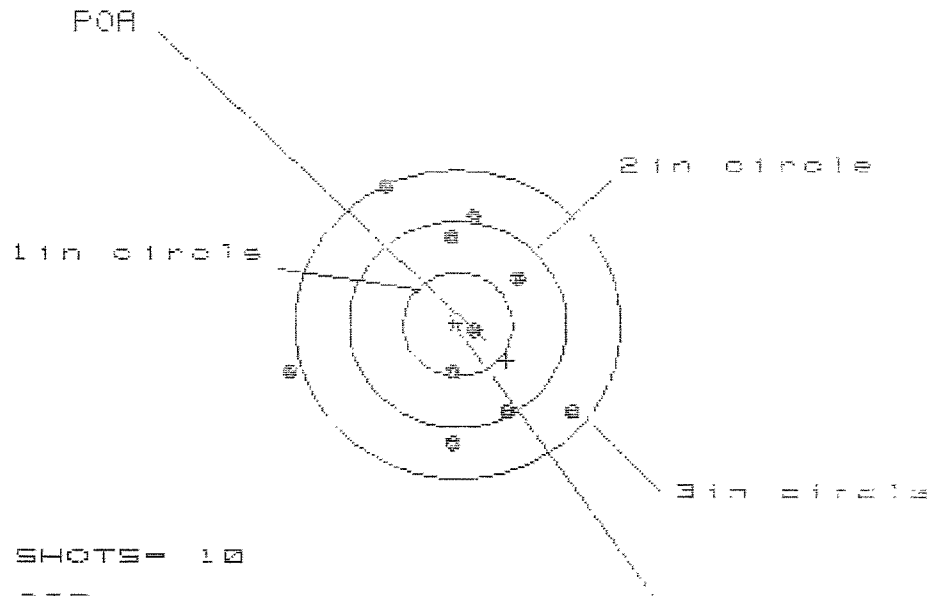
CENTROID =

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.273	1.159	1.328
MINIMUM X	:	-.958	-.817	-.672
MAXIMUM Y	:	.570	.531	.560
MINIMUM Y	:	-.663	-.702	-.630
CENTROID X	:	-.420	-.561	-.706
CENTROID Y	:	-.082	-.043	-.109
POA TO CENTROID in.	:	.428	.563	.714
MIN RADIUS	:	.043	.106	.220
MEAN RADIUS	:	.661	.573	.484
MAX RADIUS	:	1.322	1.275	.675
HORIZONTAL SPREAD	:	2.231	1.976	1.292
VERTICAL SPREAD	:	1.233	1.233	1.196
EXTREME SPREAD	:	2.403	1.976	1.441
NUMBER IN ONE INCH CIRCLE =	:	4		
NUMBER IN TWO INCH CIRCLE =	:	7		
NUMBER IN THREE INCH CIRCLE =	:	10		

10 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/05345156

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS= 2.603

VS= 2.424

GS= 2.777

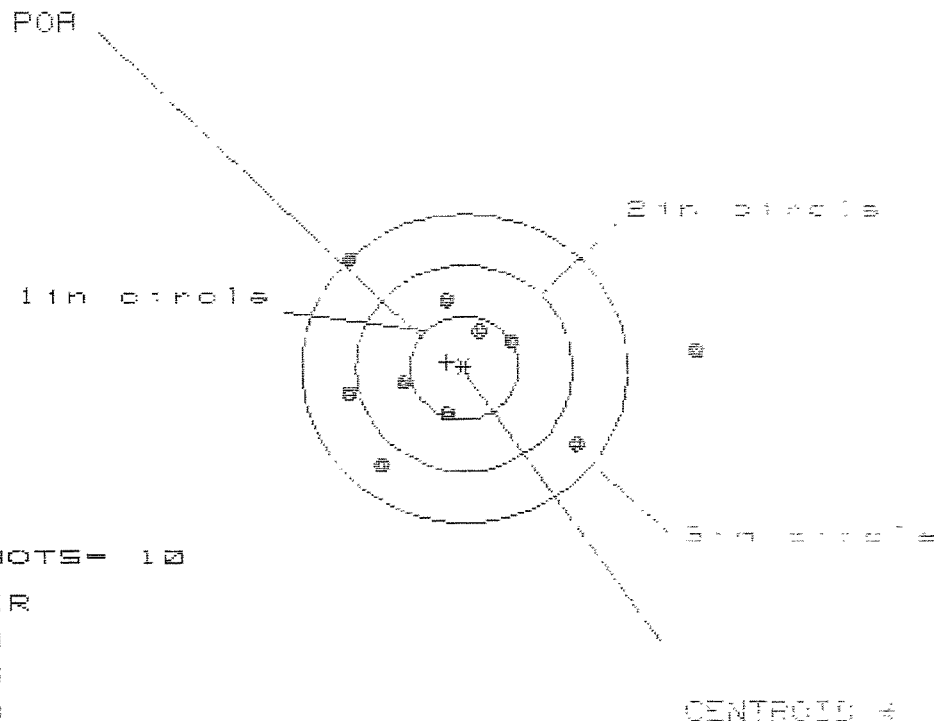
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.061	.889	.781
MINIMUM X	:	-1.542	-.967	-.368
MAXIMUM Y	:	1.319	1.273	1.206
MINIMUM Y	:	-1.105	-1.151	-.992
CENTROID X	:	-.450	-.278	-.170
CENTROID Y	:	.351	.397	.238
POA TO CENTROID in.	:	.571	.425	.292
MIN RADIUS	:	.179	.048	.150
MEAN RADIUS	:	.982	.983	.794
MAX RADIUS	:	1.596	1.540	1.213
HORIZONTAL SPREAD	:	2.603	1.756	1.144
VERTICAL SPREAD	:	2.424	2.424	2.197
EXTREME SPREAD	:	2.777	2.777	2.269
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

10 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CSS#9153

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 3.237

VS = 2.013

GS = 3.368

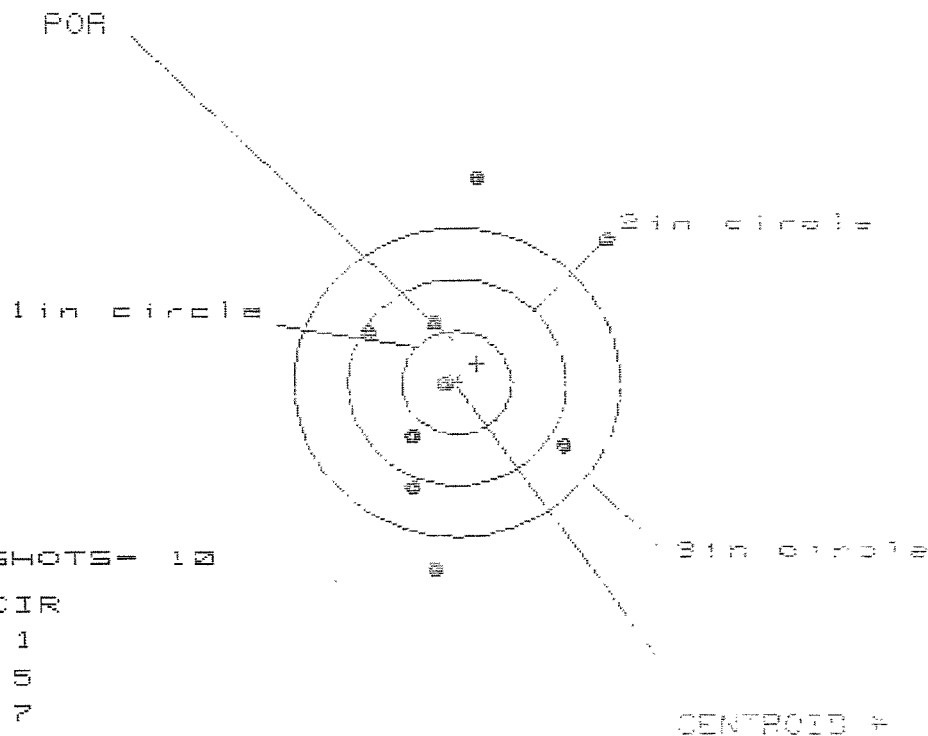
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.175	1.271	1.169
MINIMUM X	:	-1.062	-0.820	-0.905
MAXIMUM Y	:	1.096	1.115	0.777
MINIMUM Y	:	-0.917	-0.898	-0.759
CENTROID X	:	0.162	-0.080	0.022
CENTROID Y	:	-0.060	-0.079	-0.219
POA TO CENTROID in.	:	0.172	0.112	0.219
MIN RADIUS	:	0.363	0.284	0.300
MEAN RADIUS	:	0.971	0.803	0.734
MAX RADIUS	:	2.182	1.467	1.311
HORIZONTAL SPREAD	:	3.237	2.091	2.074
VERTICAL SPREAD	:	2.013	2.013	1.536
EXTREME SPREAD	:	3.368	2.791	2.140
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	

18 Nov 1999

FILE:/PATTERNING/CENTERFIRE_PATT/02343158

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 2.212

VS= 3.743

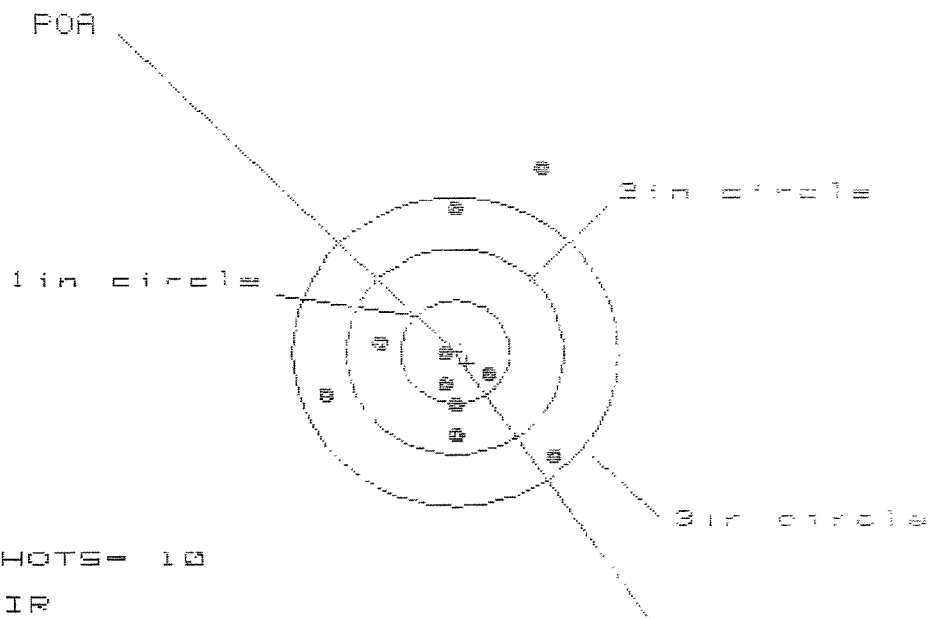
GS= 3.764

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.375	1.481	1.144
MINIMUM X	-0.837	-0.811	-0.536
MAXIMUM Y	1.980	1.646	0.981
MINIMUM Y	-1.763	-1.544	-1.238
CENTROID X	-0.183	-0.214	-0.289
CENTROID Y	-0.187	-0.406	-0.312
POB TO CENTROID in.	0.265	0.459	0.725
MIN RADIUS	0.143	0.231	0.315
MEAN RADIUS	1.096	0.983	0.751
MAX RADIUS	1.993	2.162	1.838
HORIZONTAL SPREAD	2.212	2.212	1.790
VERTICAL SPREAD	3.743	3.190	2.319
EXTREME SPREAD	3.764	3.543	2.349
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

10 Nov 1989

FILE: PATTERNING/CENTERFIRE_PATT/08345132

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS = 2.103

VS = 2.783

CS = 2.956

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.900	.986	1.001
MINIMUM X	:	-1.203	-1.117	-1.103
MAXIMUM Y	:	1.784	1.633	1.491
MINIMUM Y	:	-.999	-.800	-.596
CENTROID X	:	-.106	-.192	-.287
CENTROID Y	:	.111	-.098	-.292
POA TO CENTROID in.	:	.153	.211	.357
MIN RADIUS	:	.118	.088	.116
MEAN RADIUS	:	.881	.702	.559
MAX RADIUS	:	1.943	1.637	1.165
HORIZONTAL SPREAD	:	2.103	2.103	2.103
VERTICAL SPREAD	:	2.783	2.433	1.979
EXTREME SPREAD	:	2.956	2.583	2.182
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington®

MODEL 700™ H24

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enclosed to assure
safe use of this
firearm.

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

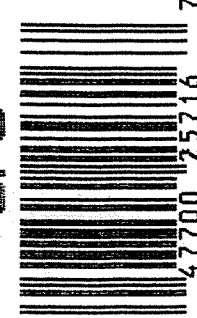
SERIAL NO. C6349156	ORDER NO. 5716
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