

C6348896

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington.

Serial Number: C6348896

Model: M24 SWS



RE00172760

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

172760

SERIAL NUMBER

C6348896

LOG-IN DATE

8-10-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-1-09	RTZ
505	RE-BARREL	9-4-09	RTZ
420	ASSEMBLE	9-4-09	RTZ
440	PROOF	9-4-09	SP
460	CHECK HEADSPACE	9-4-09	SP
470	DIS-ASSEMBLE GUN	9-4-09	SP
480	MAGNAFLUX	9-10-09	SP
510	DRILL AND TAP	9-8-09	SP
500	ROLLMARK CALIBER	9-10-09	SP
520	GOFF BLAST BBL / REC	9-10-09	SP
530 & 540	APPLY COATINGS	9-1-09	SP
560	FINAL ASSEMBLY	9-21-09	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	9-21-09 RP
650	TARGET	(PASS) FAIL	9-21-09 RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	9-21-09 SP
670	FINAL INSPECTION		
	A) HEADSPACE	(PASS) FAIL	9-22-09 RB
	B) TRIGGER PULL	2.41 2.59 2.41 2.59 2.42 9-22-09	TE
680	F) SAFETY ON FORCE	2.0 2.0 2.0	
	G) SAFETY OFF FORCE	12.0 12.0 12.0	9-22-09 RB
	I) FIRING PIN INDENT	.022 .023 .023	
690	PACK		9-24-09 Em

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348896.__0

FILE DATE AND TIME: 09/22/2009 07:19

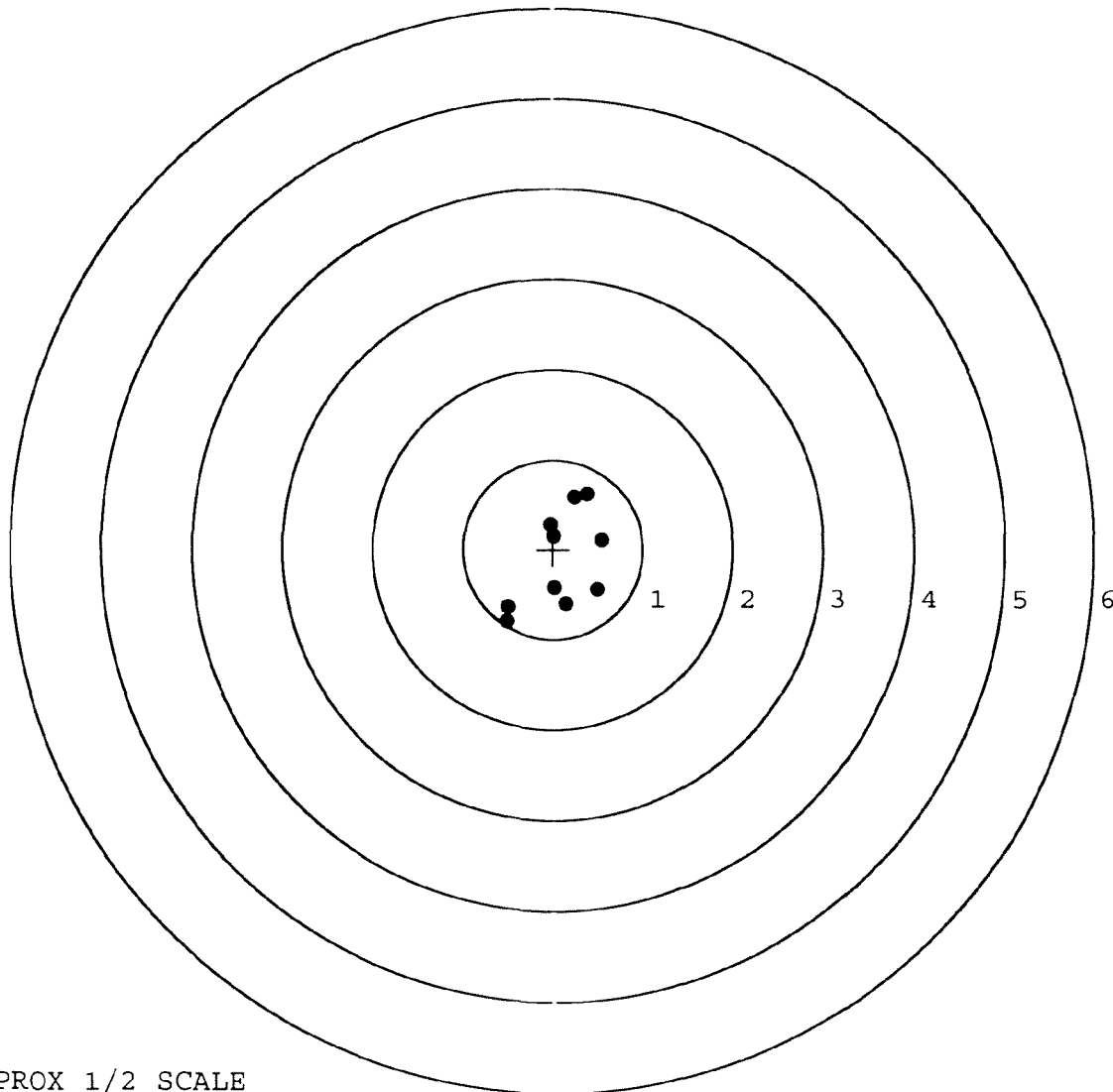
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	0.016
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	0.626
The Distance from POA to Centroid Target #1:	0.145
The Distance from Centroid Target #2 to Centroid Target #1:	0.358
The Distance from Centroid Target #3 to Centroid Target #1:	0.174
The Distance from Centroid Target #4 to Centroid Target #1:	0.356
The Distance from Centroid Target #5 to Centroid Target #1:	0.153

SERIAL NUMBER: C6348896. __0
 TARGET NUMBER: 1
 FILE DATE: 09/22/2009
 FILE TIME: 07:19

POINT#	X	Y
1:	0.235	0.582
2:	0.379	0.615
3:	0.548	0.106
4:	-0.501	-0.651
5:	-0.515	-0.810
6:	0.144	-0.607
7:	0.494	-0.450
8:	0.014	-0.427
9:	-0.030	0.275
10:	0.013	0.150

X CENTROID: 0.078
 Y CENTROID: -0.122
 POA TO CENTROID: 0.145
 HORZ SPREAD: 1.063
 VERT SPREAD: 1.425
 GROUP SPREAD: 1.682
 MIN RADIUS: 0.279
 MAX RADIUS: 0.909
 MEAN RADIUS: 0.575
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348896. __0

TARGET NUMBER: 2

FILE DATE: 09/22/2009

FILE TIME: 07:19

X CENTROID: -0.001

Y CENTROID: 0.228

POA TO CENTROID: 0.228

HORZ SPREAD: 1.563

VERT SPREAD: 1.285

GROUP SPREAD: 1.907

MIN RADIUS: 0.175

MAX RADIUS: 1.011

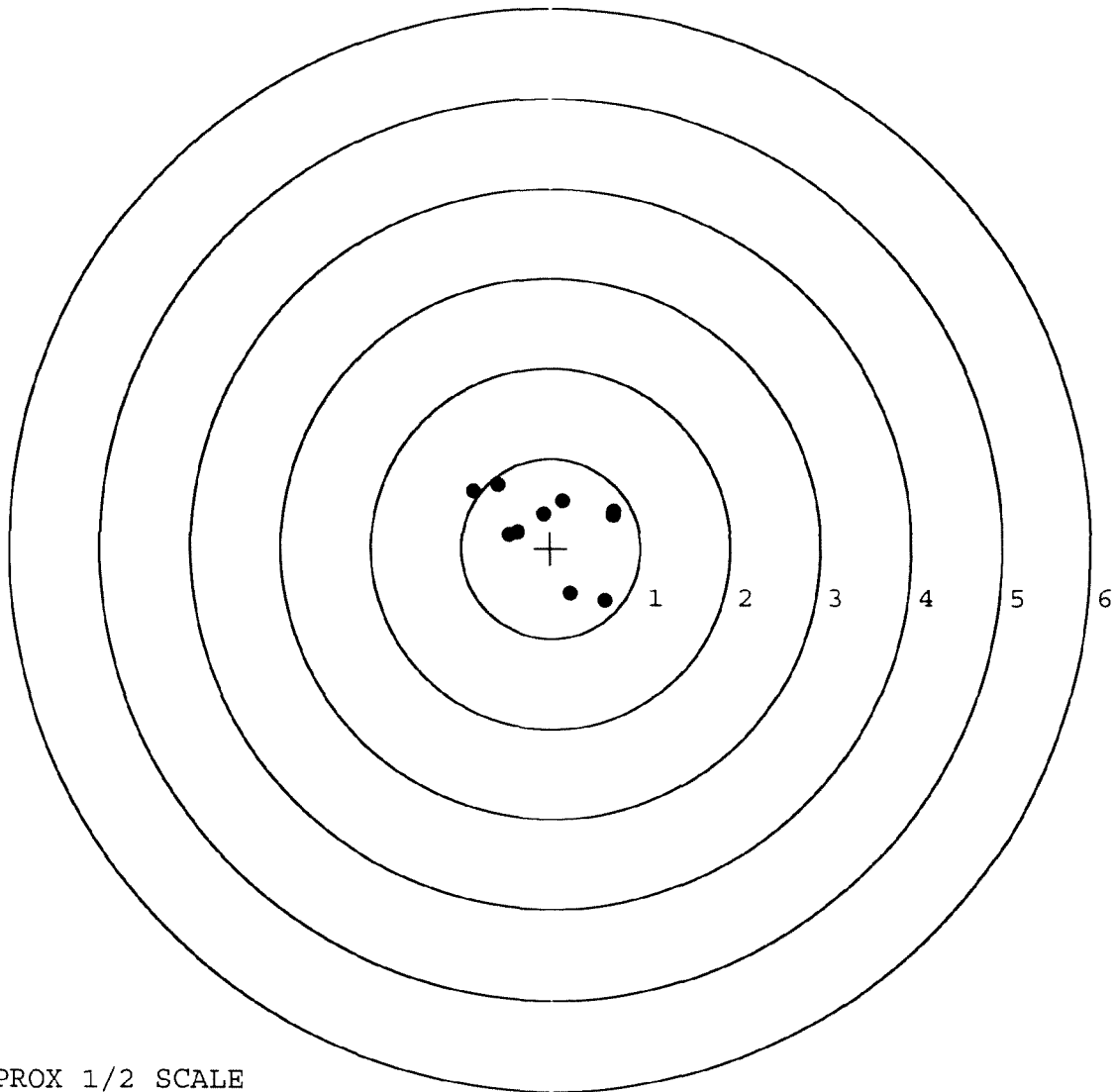
MEAN RADIUS: 0.627

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.602	-0.584
2:	0.220	-0.502
3:	-0.860	0.640
4:	-0.589	0.701
5:	0.700	0.367
6:	0.703	0.416
7:	-0.464	0.147
8:	-0.369	0.178
9:	-0.080	0.384
10:	0.127	0.530



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348896. 0

TARGET NUMBER: 3

FILE DATE: 09/22/2009

FILE TIME: 07:19

X CENTROID: -0.058

Y CENTROID: -0.013

POA TO CENTROID: 0.059

HORZ SPREAD: 1.100

VERT SPREAD: 1.484

GROUP SPREAD: 1.725

MIN RADIUS: 0.158

MAX RADIUS: 1.007

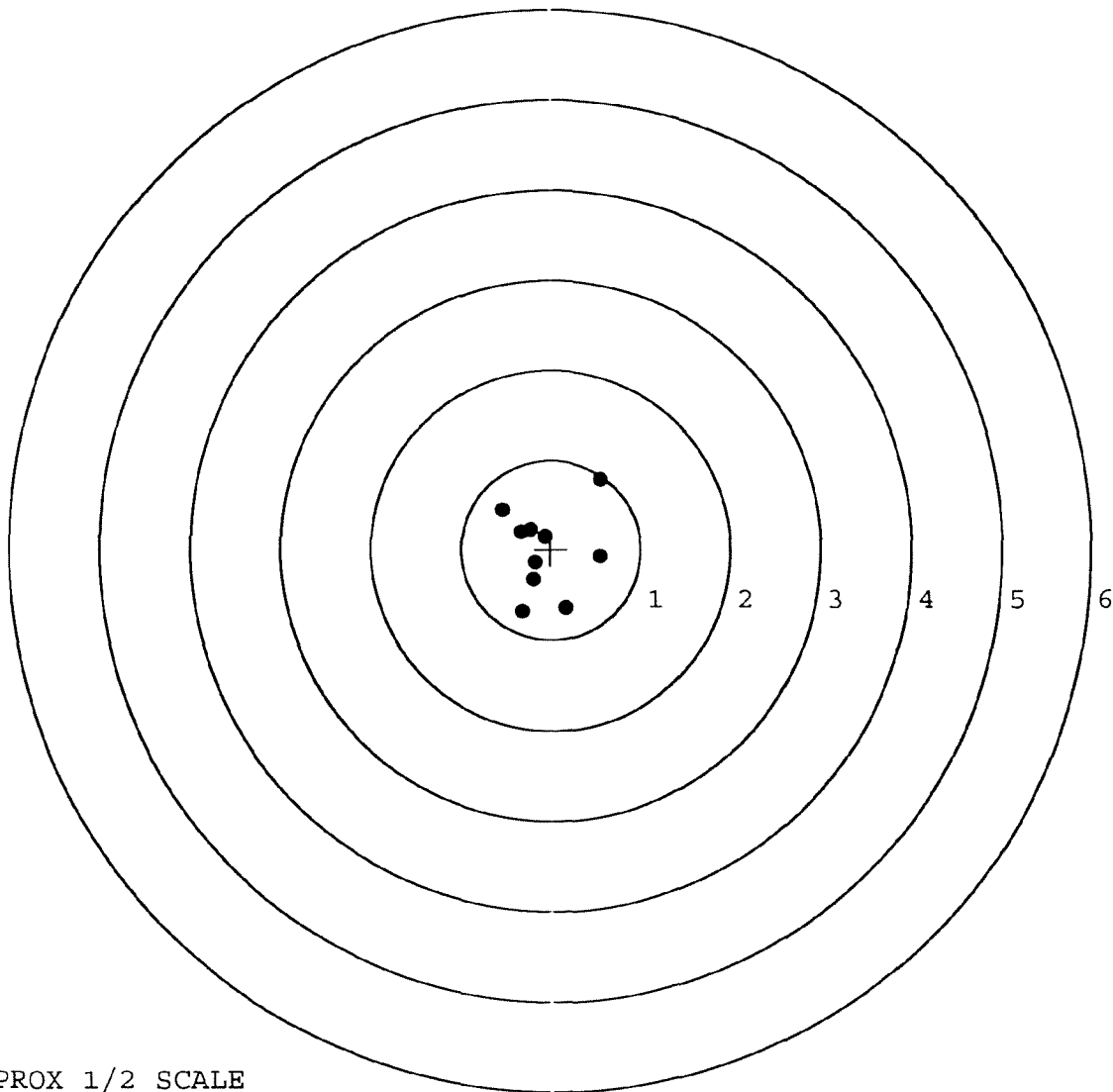
MEAN RADIUS: 0.504

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.554	0.787
2:	0.557	-0.077
3:	0.167	-0.659
4:	-0.326	-0.697
5:	-0.543	0.446
6:	-0.333	0.194
7:	-0.224	0.222
8:	-0.060	0.145
9:	-0.176	-0.149
10:	-0.194	-0.344

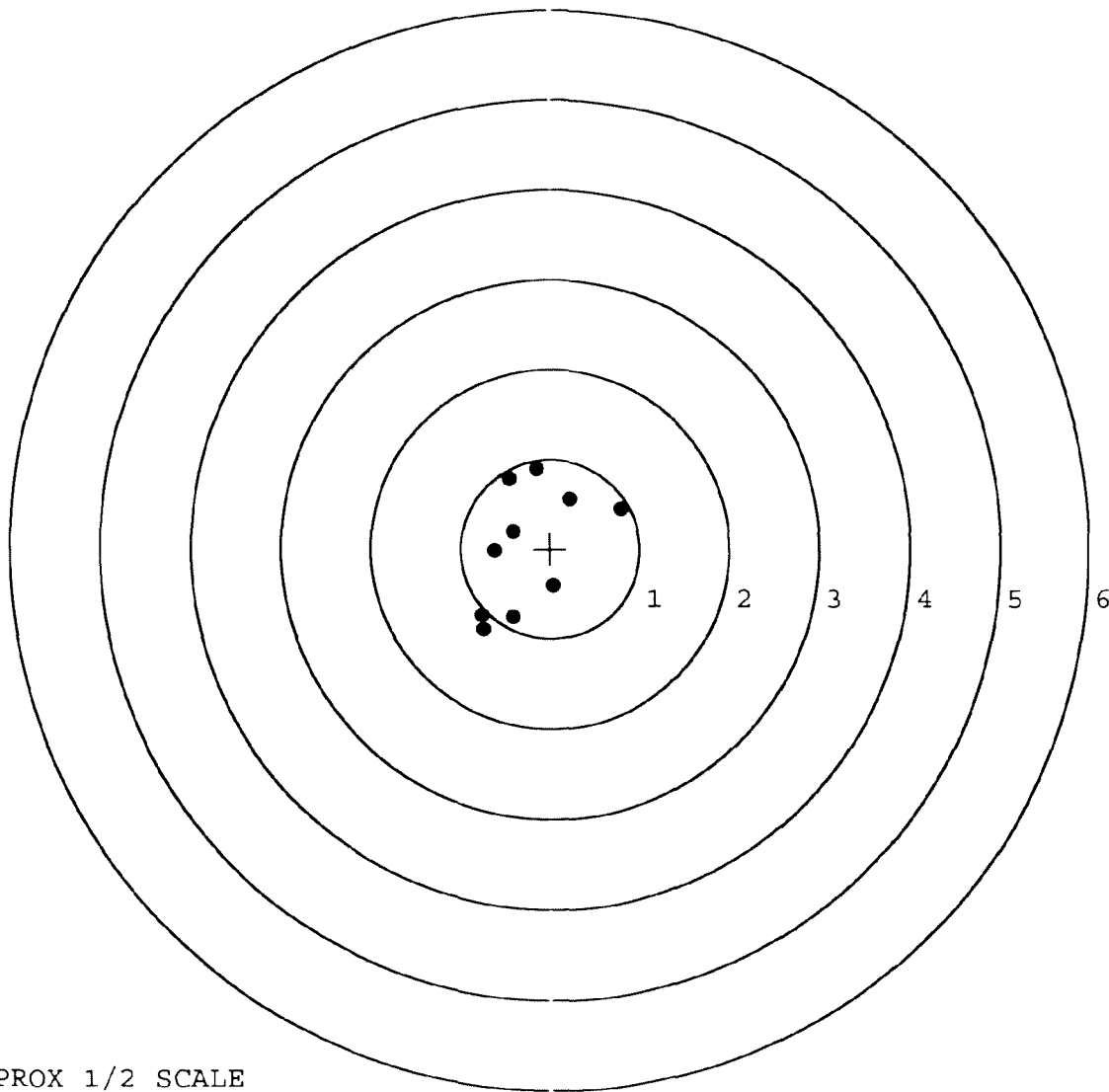


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348896. __0
 TARGET NUMBER: 4
 FILE DATE: 09/22/2009
 FILE TIME: 07:19

POINT#	X	Y
1:	0.787	0.454
2:	-0.463	0.785
3:	-0.160	0.893
4:	0.218	0.564
5:	-0.761	-0.745
6:	-0.421	-0.766
7:	-0.750	-0.902
8:	0.037	-0.418
9:	-0.623	-0.024
10:	-0.415	0.200

X CENTROID: -0.255
 Y CENTROID: 0.004
 POA TO CENTROID: 0.255
 HORZ SPREAD: 1.548
 VERT SPREAD: 1.795
 GROUP SPREAD: 2.050
 MIN RADIUS: 0.253
 MAX RADIUS: 1.135
 MEAN RADIUS: 0.743
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348896. 0

TARGET NUMBER: 5

FILE DATE: 09/22/2009

FILE TIME: 07:19

X CENTROID: -0.034

Y CENTROID: -0.017

POA TO CENTROID: 0.038

HORZ SPREAD: 1.408

VERT SPREAD: 1.961

GROUP SPREAD: 1.977

MIN RADIUS: 0.238

MAX RADIUS: 1.059

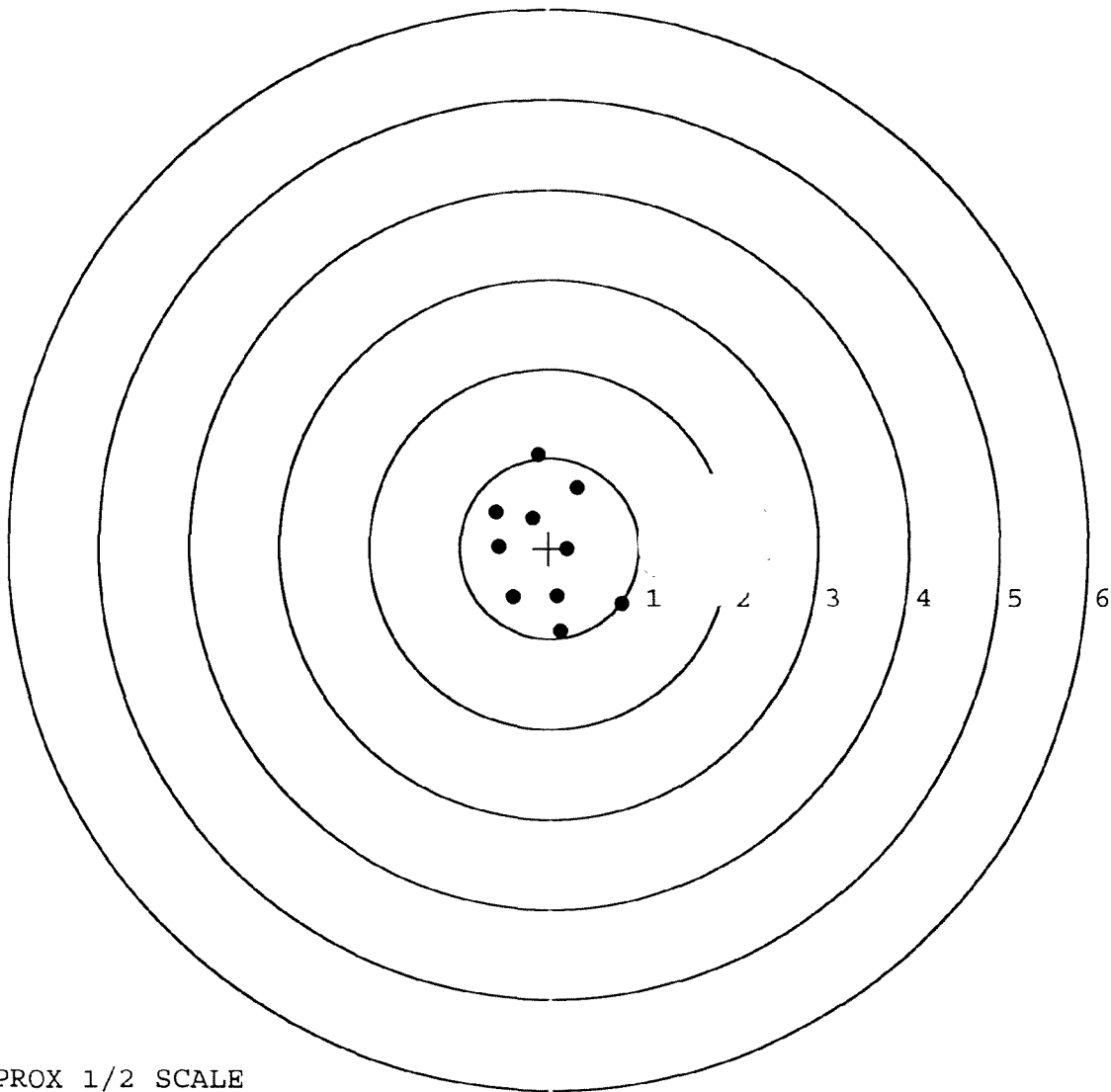
MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.813	-0.618
2:	0.316	0.673
3:	-0.126	1.038
4:	-0.595	0.395
5:	-0.561	0.015
6:	-0.193	0.334
7:	-0.413	-0.545
8:	0.126	-0.923
9:	0.088	-0.529
10:	0.204	-0.012



TARGET APPROX 1/2 SCALE

RECEIVED AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-10960

INITIAL CUSTOMER ORDER NO.

FJB

W/10X SCOPE SNIPER W/DEPLOYMENT KIT

ATTN: FRED MARTIN

Scope # 90-0473

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

03/30/95

03/31/95

DJ 9-89

C6348896

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 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

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

F5

MAIN FAULT

PARTS

COMMENTS

✓ Barrel
✓ Stock
✓ Trigger Assy
✓ E-clip pin Assy
✓ Mag Spring

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

7/9/96

7/9/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 06499841023

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348896DATE 6-26-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.48	2.46		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.58	2.47		
PULL #3	2.42	2.46	2.67		
PULL #4	2.44	2.59	2.51		
PULL #5	2.29	2.67	2.73		
TOTAL	11.89	12.78	12.84		
AVG.	2.37	2.55	2.56		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.20		
PULL #2	3.12	3.08		
PULL #3	3.17	2.90		
PULL #4	3.17	3.19		
PULL #5	3.14	3.12		
TOTAL	15.70	15.49		
AVG.	3.14	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.24		4.10
PULL #2	4.07	4.20		4.15
PULL #3	3.93	4.10		4.21
PULL #4	4.00	4.00		4.16
PULL #5	4.09	4.03		4.28
TOTAL	20.28	20.57		20.90
AVG.	4.05	4.11		4.18

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *CL6348896*

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 0040987 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6.5	6	6			7/14/96	SF
	G) Safety Off Force	3	4	3			7/14/96	SF
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.024	.024				
	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	2.68	2.91	2.92	2.88	2.77	7/14	SF
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348896
12 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.300468
1 TO	2	.349173
1 TO	3	.342794
1 TO	4	.453398
1 TO	5	.495004

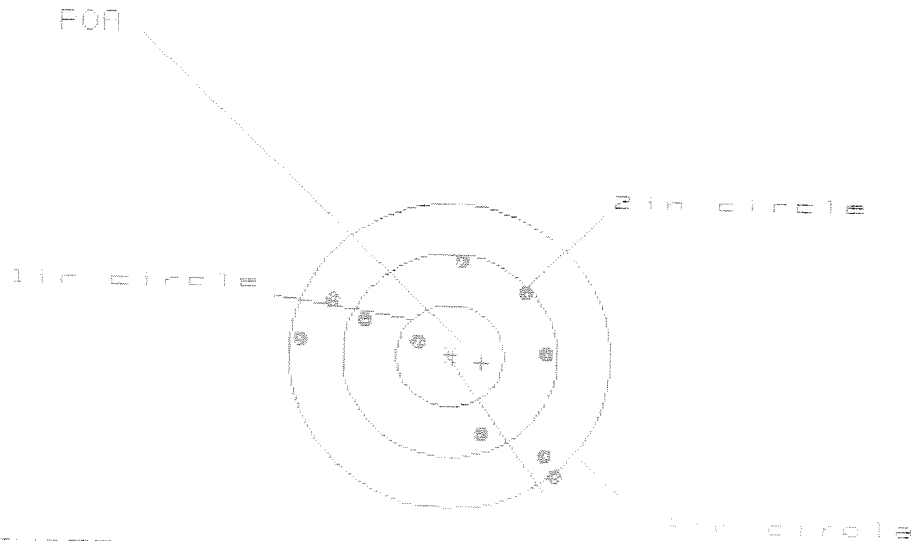
1/2 <----FOR

THE AVERAGE X-COORDINATE
THE AVERAGE Y-COORDINATE
THE RESULTING AVERAGE R.
THE AMR FOR THIS RIFLE IS:

18 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08348896

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIRC

1 in = 1

2 in = 5

3 in = 9

HS= 2.383

VS= 2.169

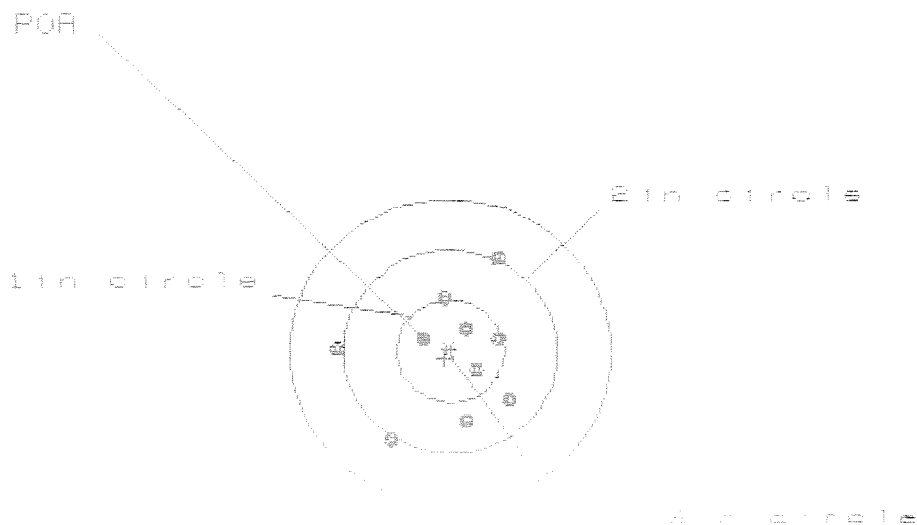
GS= 2.746

PATTERN #	:		
SHOTS (BEST OF)	:		
MAXIMUM X	:		
MINIMUM X	:		
MAXIMUM Y	:		
MINIMUM Y	:		
CENTROID X	:	-1.2	1.17
CENTROID Y	:	1.301	1.50
FOR TO CENTROID in.	:	1.368	1.190
MIN RADIUS	:	1.325	1.142
MEAN RADIUS	:	1.827	1.212
MAX RADIUS	:	1.522	1.948
HORIZONTAL SPREAD	:	2.383	1.475
VERTICAL SPREAD	:	2.169	1.329
EXTREME SPREAD	:	2.746	1.932
NUMBER IN ONE INCH CIRCLE =		1	2.587
NUMBER IN TWO INCH CIRCLE =		5	2.539
NUMBER IN THREE INCH CIRCLE =		9	

18 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348896

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

RS= 1.608

VS= 1.774

GS= 2.051

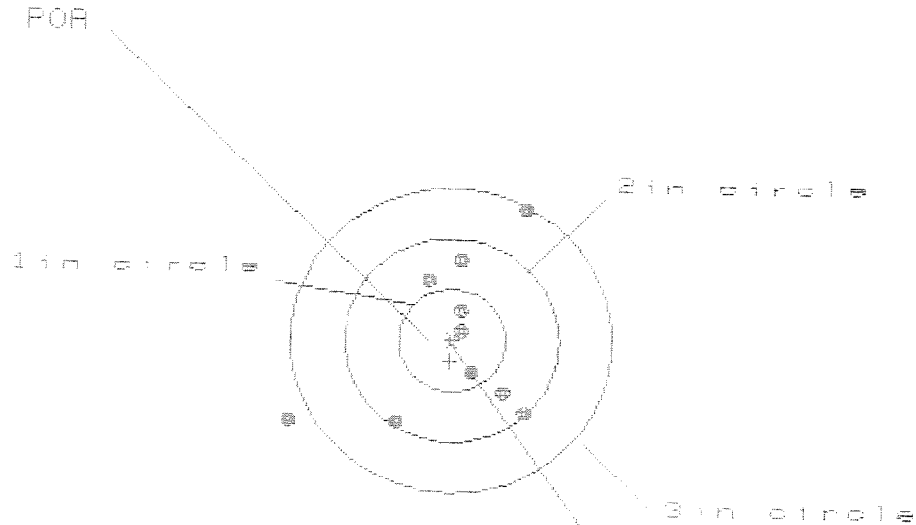
ID #

PATTERN #			
SHOTS (BEST OF)			
MAXIMUM X			
MINIMUM X	-1.01		.839
MAXIMUM Y	.936		.571
MINIMUM Y	-.836	.732	-.611
CENTROID X	.055	.007	.075
CENTROID Y	.073	-.031	.060
POA TO CENTROID in.	.091	.032	.096
MIN RADIUS	.253	.251	.230
MEAN RADIUS	.635	.599	.534
MAX RADIUS	1.034	.977	1.039
HORIZONTAL SPREAD	1.606	1.606	1.606
VERTICAL SPREAD	1.774	1.354	1.182
EXTREME SPREAD	2.051	1.669	1.669
NUMBER IN ONE INCH CIRCLE	=	4	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	

18 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8348886

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HE= 2.231

VE= 2.049

GS= 3.029

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	3	6	9
MAXIMUM X	1.718	1.295	1.212
MINIMUM X	0.504	0.504	0.504
MAXIMUM Y	2.231	2.037	1.613
MINIMUM Y	0.504	0.504	0.504
CENTROID X	1.011	0.901	0.901
CENTROID Y	1.264	1.264	1.264
POA TO CENTROID in.	1.265	1.347	1.188
MIN RADIUS	1.130	1.060	1.122
MEAN RADIUS	1.802	1.674	1.593
MAX RADIUS	1.718	1.295	1.212
HORIZONTAL SPREAD	2.231	1.265	1.212
VERTICAL SPREAD	2.049	2.037	1.613
EXTREME SPREAD	3.029	2.398	1.739
NUMBER IN ONE INCH CIRCLE	= 3		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 9		

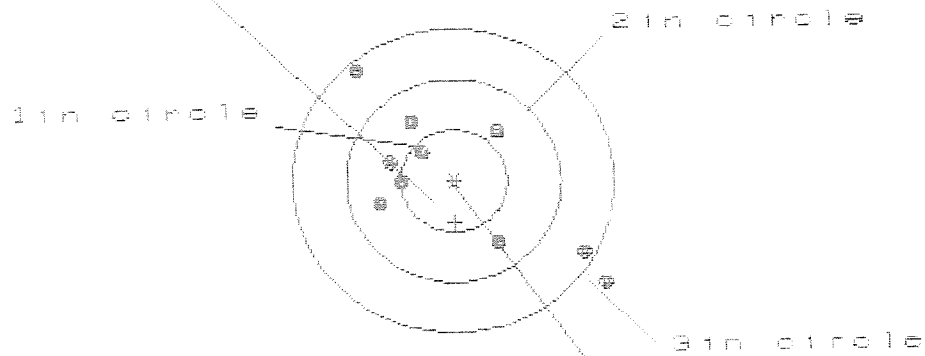
10 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PAIT/06040886

CENTERFIRE PATTERNS

4

POR



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 2.341

VS = 2.139

GS = 3.171

CENTROID *

PATTERN #

SHOTS (BEST OF)

MAXIMUM X

MINIMUM X

MAXIMUM Y

MINIMUM Y

CENTROID X

CENTROID Y

POR TO CENTROID in.

MIN RADIUS

MEAN RADIUS

MAX RADIUS

HORIZONTAL SPREAD

VERTICAL SPREAD

EXTREME SPREAD

NUMBER IN ONE

NUMBER IN TWO

NUMBER IN THREE

INCH CIRCLE

INCH CIRCLE

INCH CIRCLE

INCH CIRCLE

INCH CIRCLE

INCH CIRCLE

INCH CIRCLE

INCH CIRCLE

INCH CIRCLE

10 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C8340898

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.020

VS = 2.051

GS = 2.372

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.251	1.383	1.423
MINIMUM X	-.751	-.737	-.465
MAXIMUM Y	.930	.881	.738
MINIMUM Y	-1.115	-1.015	-.968
CENTROID X	.201	.383	-.089
CENTROID Y	.064	-.040	-.087
POA TO CENTROID (in.)	.211	.092	.125
MIN RADIUS	.404	.467	.460
MEAN RADIUS	.866	.788	.688
MAX RADIUS	1.409	1.433	1.009
HORIZONTAL SPREAD	2.020	2.020	1.088
VERTICAL SPREAD	2.051	1.706	1.706
EXTREME SPREAD	2.372	2.085	1.782
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

Remington



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

MODEL 700TM M24

SERIAL NO.

C6348896

ORDER NO.

5716

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

01



5716 C6348896

UPC



0 47700 25716 7

BARBER - M24 0040994

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 00409941033

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348896

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9/15/89	G.S.
617	Drill and Tap Sight Holes	9 15	89	JK
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-25-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9/28/89	QIS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/3/89	RL
	G) Safety Off Force	3	3	3			10/3/89	RL
	H) Trigger Pull Test & Retainability						28 Sep 89	QD
	I) Firing Pin Indent	1020	1020	1020			10/3/89	RL
	J) Assemble Stock						10/12/89	RW
	K) Assemble Swivel Studs						11 Dec 89	QD
	L) Attach Front and Rear Sight Assemblies						10/12/89	RW
	M) Iron Sight Alignment						10/12/89	RW
	N) Detach Front & Rear Sights & place in numbered container						10/12/89	RW
	O) Attach Scope to Rifle						13 Oct 89	QD
	P) Detach & Attach Scope 20 Times						13 Oct 89	QD
640	Gallery Target & Test						10-13-89	AC
	A) Time						10-13-89	AC
	B) Malfunctions						10-13-89	AC
	C) Pierced Primers						10-13-89	AC
	D) Optical Clarity of Scope						10-13-89	AC
645	Inspect for Live Ammo						10-13-89	AC
655	Final Inspection						16 Oct 89	QD
	A) Headspace						16 Oct 89	QD
	B) Trigger Pull	264	261	267	269	268	16 Oct 89	QD
	C) Function						16 Oct 89	QD
660	Pack						15 Oct 89	QD

TIME STAMP

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348896DATE 3-12-90TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.29	2.45	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.43	2.37	
PULL #3	2.40	2.45	2.38	
PULL #4	2.41	2.30	2.29	
PULL #5	2.44	2.43	2.30	
TOTAL	11.82	12.06	11.62	
AVG.	2.364	2.412	2.324	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.30	3.38	
PULL #2	3.23	3.35	
PULL #3	3.09	3.30	
PULL #4	3.31	3.46	
PULL #5	3.33	3.46	
TOTAL	16.26	16.95	
AVG.	3.252	3.39	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.20		
PULL #2	4.26	4.15		
PULL #3	4.25	4.27		
PULL #4	4.41	4.23		
PULL #5	4.43	4.19		
TOTAL	21.65	21.04		
AVG.	4.33	4.208		

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6348896
 13 Oct 1989

CENTROIDAL DISTANCES

0	TO	1	.14367
1	TO	2	.57406
1	TO	3	.857679
1	TO	4	.674398
1	TO	5	.744841

↑ 3 ←----POA

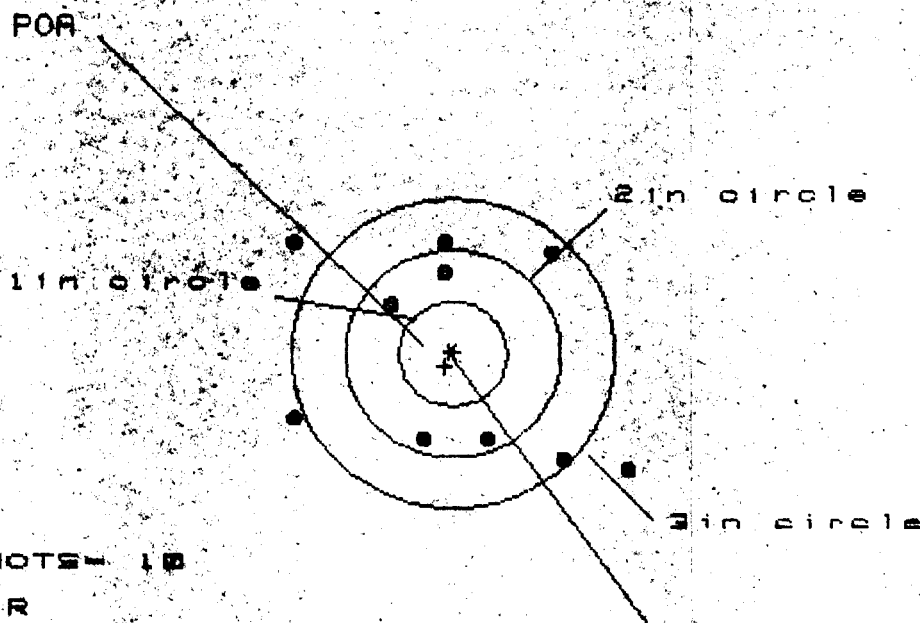
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4782
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.261
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .54479

THE AMR FOR THIS RIFLE IS: .9956

13 Oct 1965

FILE: PATTERNS/CENTERFIRE_PAT/CD00000

CENTERFIRE PATTERNS # 1



OF SHOTS = 10
 # IN CIR
 1 in = 0
 2 in = 4
 3 in = 7
 ME = 2.127
 VS = 2.266
 GS = 3.823

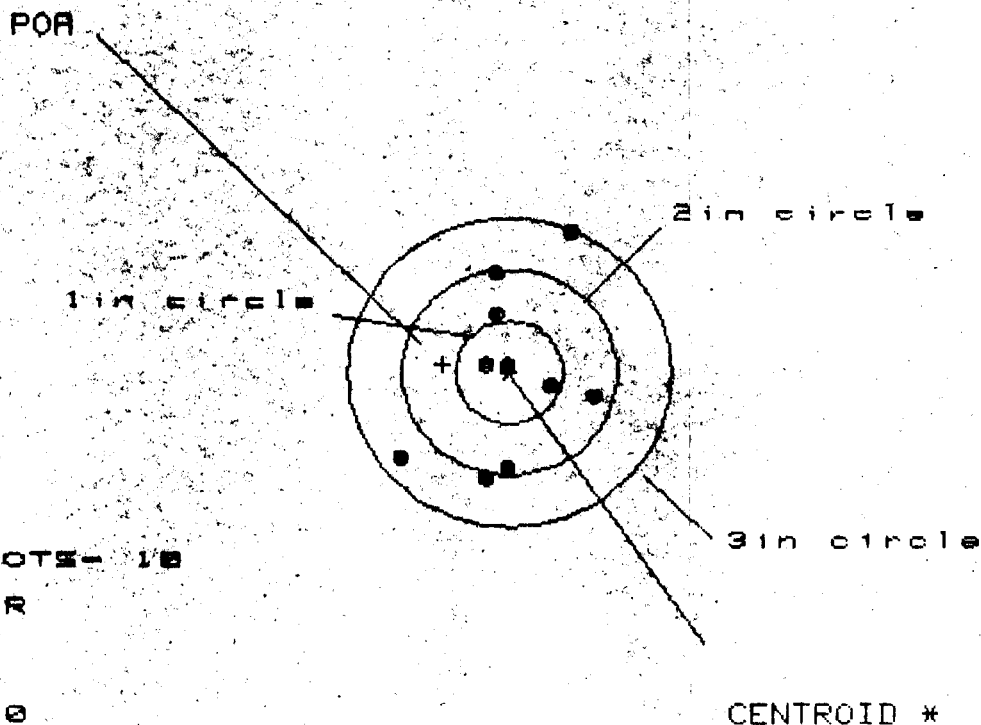
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.649	1.239	1.077
MINIMUM X	-1.478	-1.295	-1.449
MAXIMUM Y	1.128	1.001	1.118
MINIMUM Y	-1.138	-1.186	-1.069
CENTROID X	.079	-.104	.058
CENTROID Y	.120	.247	.130
POA TO CENTROID in.	.144	.268	.142
MIN RADIUS	.724	.502	.701
MEAN RADIUS	1.260	1.150	1.096
MAX RADIUS	2.003	1.715	1.562
HORIZONTAL SPREAD	3.127	2.534	2.526
VERTICAL SPREAD	2.266	2.187	2.187
EXTREME SPREAD	3.823	3.304	2.855
NUMBER IN ONE INCH CIRCLE =	0	4	7
NUMBER IN TWO INCH CIRCLE =	4	7	8
NUMBER IN THREE INCH CIRCLE =	7	8	8

BARBER - M24 0041000

FILE: PATTERNING/CENTERFIRE_PATT/C634B896

CENTERFIRE PATTERNS # 2



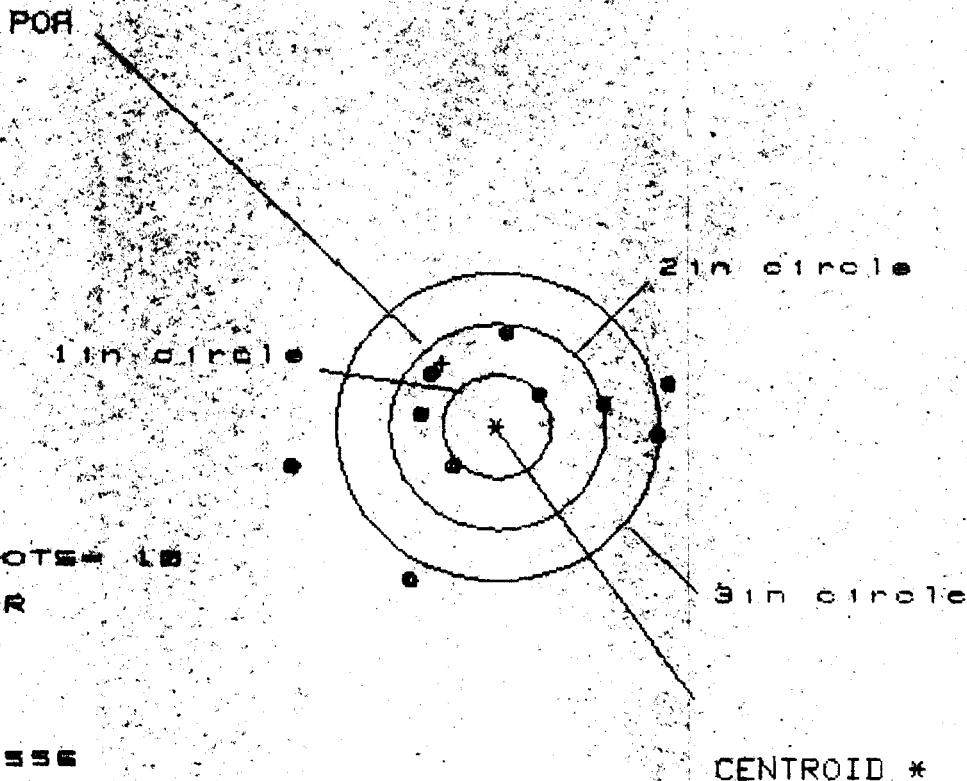
OF SHOTS- 10
 # IN CIR
 1 in = 3
 2 in = 7
 3 in = 10
 HS = 1.811
 VS = 2.316
 GS = 2.692

PATTERN #				
SHOTS (BEST OF)		10	9	8
MAXIMUM X		.771	.841	.720
MINIMUM X		-1.040	-.970	-.311
MAXIMUM Y		1.329	1.101	1.022
MINIMUM Y		-.987	-.840	-.919
CENTROID X		.620	.550	.671
CENTROID Y		-.072	-.219	-.140
POA TO CENTROID in.		.624	.592	.686
MIN RADIUS		.055	.173	.137
MEAN RADIUS		.779	.714	.635
MAX RADIUS		1.469	1.161	1.035
HORIZONTAL SPREAD		1.811	1.811	1.031
VERTICAL SPREAD		2.316	1.941	1.941
EXTREME SPREAD		2.692	1.971	1.946
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

19 Dec 1965

FILE/PATTERNING/CENTERFIRE PAFT/CG340035

CENTERFIRE PATTERNS # 3



* OF SHOTS = 18
 * IN CIR
 1 in = 0
 2 in = 6
 3 in = 6
 ME = 2.558
 VS = 2.402
 GS = 3.645

PATTERN #				
SHOTS (BEST OF)		10	9	8
MAXIMUM X		1.623	1.409	1.274
MINIMUM X		-1.933	-1.074	-1.048
MAXIMUM Y		.898	.852	.658
MINIMUM Y		-1.504	-1.550	-.659
CENTROID X		.516	.730	.865
CENTROID Y		-.618	-.572	-.378
POA TO CENTROID in.		.805	.927	.944
MIN RADIUS		.500	.318	.082
MEAN RADIUS		1.136	1.026	.871
MAX RADIUS		1.978	1.886	1.282
HORIZONTAL SPREAD		3.556	2.483	2.322
VERTICAL SPREAD		2.402	2.402	1.317
EXTREME SPREAD		3.645	3.116	2.342
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		6	

12 Oct 1965

FILE: PATTERNING CENTERFIRE PAT. 0041002

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in 2

2 in 4

3 in 9

ME = 2.248

VS = 2.349

GS = 2.710

PATTERN

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.161	1.284	1.319
MINIMUM X	-1.087	-0.964	-0.929
MAXIMUM Y	1.186	1.057	1.116
MINIMUM Y	-1.163	-1.016	-0.884
CENTROID X	.506	.383	.348
CENTROID Y	-.402	-.273	-.405
POA TO CENTROID in.	.646	.470	.534
MIN RADIUS	.184	.188	.052
MEAN RADIUS	.941	.845	.772
MAX RADIUS	1.608	1.322	1.331
HORIZONTAL SPREAD	2.248	2.248	2.248
VERTICAL SPREAD	2.349	2.073	2.000
EXTREME SPREAD	2.710	2.328	2.328
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

13 Oct 1989

FILE: PATTERNING/CENTERFIRE_PATT/C6340096

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS = 2.485

VS = 1.998

GS = 2.658

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.109	.945	.788
MINIMUM X	-1.376	-1.253	-.743
MAXIMUM Y	.962	.847	.821
MINIMUM Y	-1.036	-.866	-.892
CENTROID X	.670	.547	.704
CENTROID Y	-.333	-.218	-.192
POA TO CENTROID in.	.749	.589	.729
MIN RADIUS	.196	.206	.308
MEAN RADIUS	.862	.795	.741
MAX RADIUS	1.517	1.270	1.138
HORIZONTAL SPREAD	2.485	2.198	1.531
VERTICAL SPREAD	1.998	1.713	1.713
EXTREME SPREAD	2.658	2.439	1.848
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		