

C6587517

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

RE00092656

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587517.___0
FILE DATE AND TIME: 02/15/2005 08:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.085
The Average Y Centroid of the Five Target Set:	-0.088
The Average Point of Impact of the Five Target Set:	0.122
The Average Mean Radius of the Five Target Set:	0.755
The Distance from POA to Centroid Target #1:	0.164
The Distance from Centroid Target #2 to Centroid Target #1:	0.114
The Distance from Centroid Target #3 to Centroid Target #1:	0.324
The Distance from Centroid Target #4 to Centroid Target #1:	0.133
The Distance from Centroid Target #5 to Centroid Target #1:	0.197

BARBER - M24 0021851

SERIAL NUMBER: C6587517. __0

TARGET NUMBER: 1

FILE DATE: 02/15/2005

FILE TIME: 08:59

POINT#	X	Y
1:	1.178	-0.448
2:	0.698	-0.375
3:	0.503	0.738
4:	0.097	0.037
5:	-0.148	-0.096
6:	-0.036	-0.384
7:	0.246	-0.552
8:	-0.886	-0.621
9:	-0.616	-0.089
10:	-1.092	0.146

X CENTROID: -0.006

Y CENTROID: -0.164

POA TO CENTROID: 0.164

HORZ SPREAD: 2.270

VERT SPREAD: 1.359

GROUP SPREAD: 2.346

MIN RADIUS: 0.158

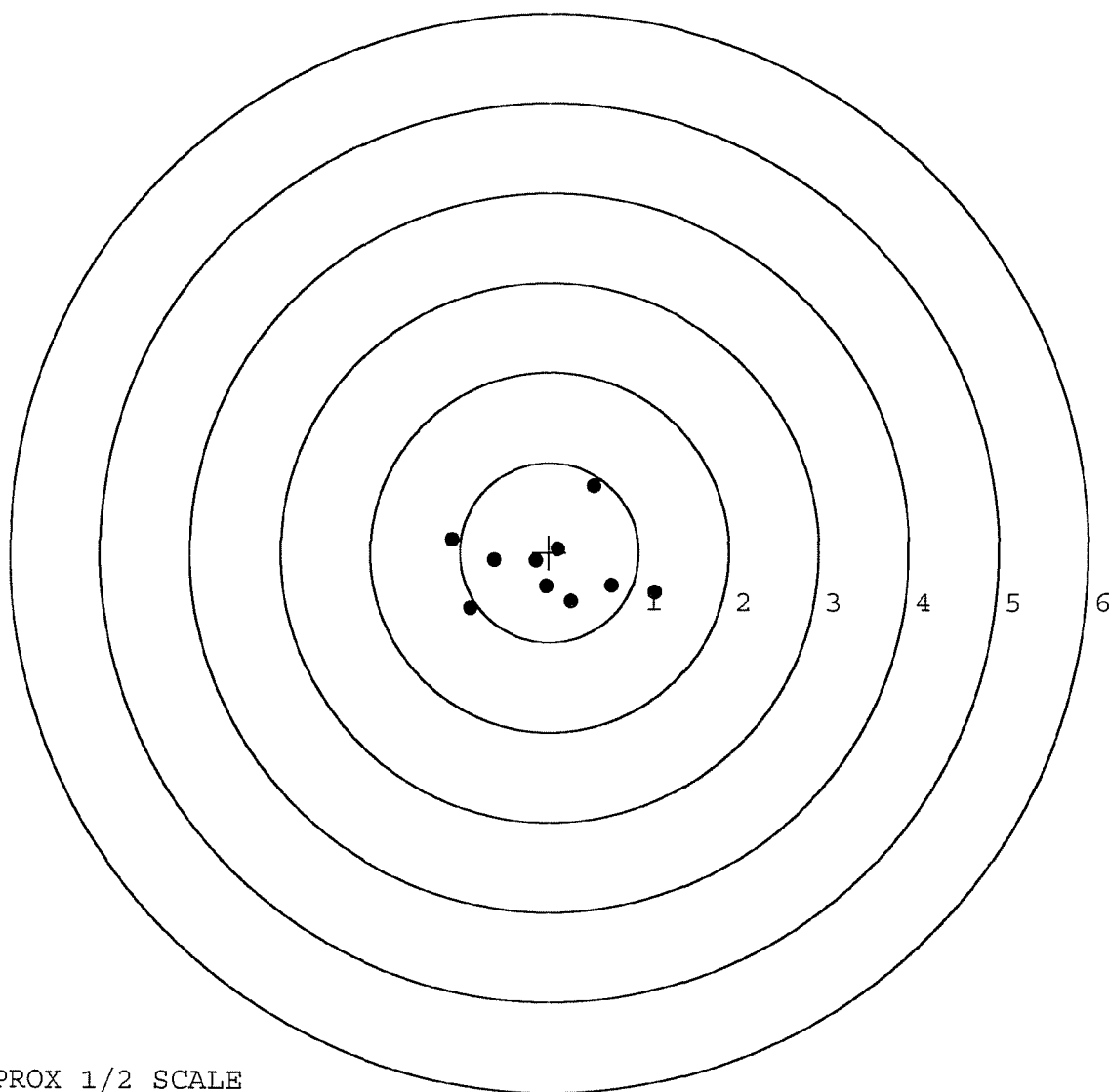
MAX RADIUS: 1.217

MEAN RADIUS: 0.679

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0021852

SERIAL NUMBER: C6587517.___0

TARGET NUMBER: 2

FILE DATE: 02/15/2005

FILE TIME: 08:59

POINT#	X	Y
1:	1.229	0.501
2:	0.196	0.841
3:	0.536	-0.517
4:	-0.561	-0.369
5:	-1.357	-0.007
6:	-0.292	0.384
7:	-0.008	0.104
8:	0.228	-0.284
9:	0.009	-0.411
10:	0.043	-0.752

X CENTROID: 0.002

Y CENTROID: -0.051

POA TO CENTROID: 0.051

HORZ SPREAD: 2.586

VERT SPREAD: 1.593

GROUP SPREAD: 2.635

MIN RADIUS: 0.155

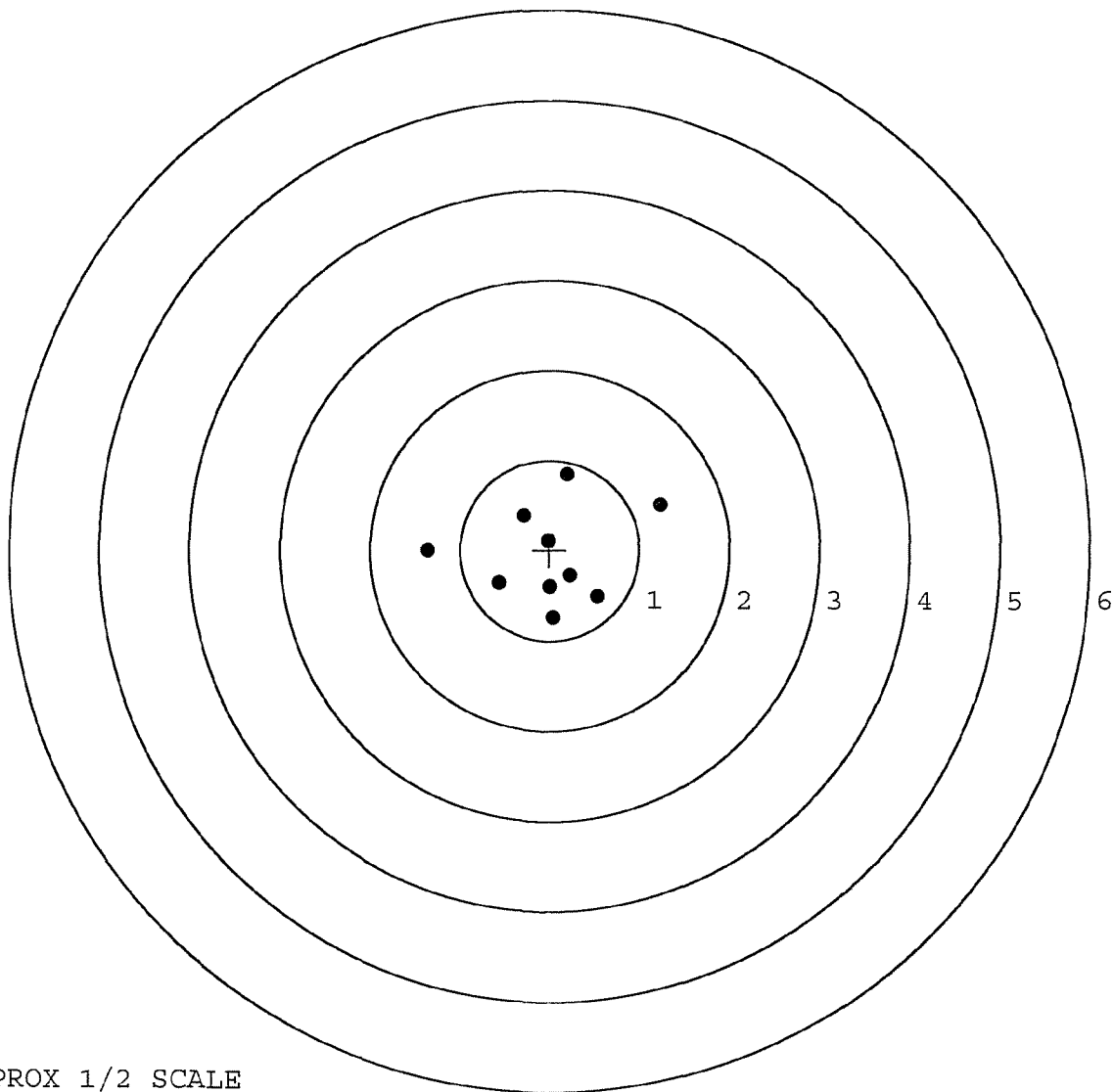
MAX RADIUS: 1.360

MEAN RADIUS: 0.704

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0021853

SERIAL NUMBER: C6587517. __0

TARGET NUMBER: 3

FILE DATE: 02/15/2005

FILE TIME: 08:59

POINT#	X	Y
1:	-0.438	1.227
2:	-0.951	0.030
3:	-0.773	-0.391
4:	-1.490	-0.493
5:	-1.953	0.405
6:	0.632	0.056
7:	0.912	-0.250
8:	0.465	-0.567
9:	0.491	-0.199
10:	0.132	-0.047

X CENTROID: -0.297

Y CENTROID: -0.023

POA TO CENTROID: 0.298

HORZ SPREAD: 2.865

VERT SPREAD: 1.794

GROUP SPREAD: 2.939

MIN RADIUS: 0.430

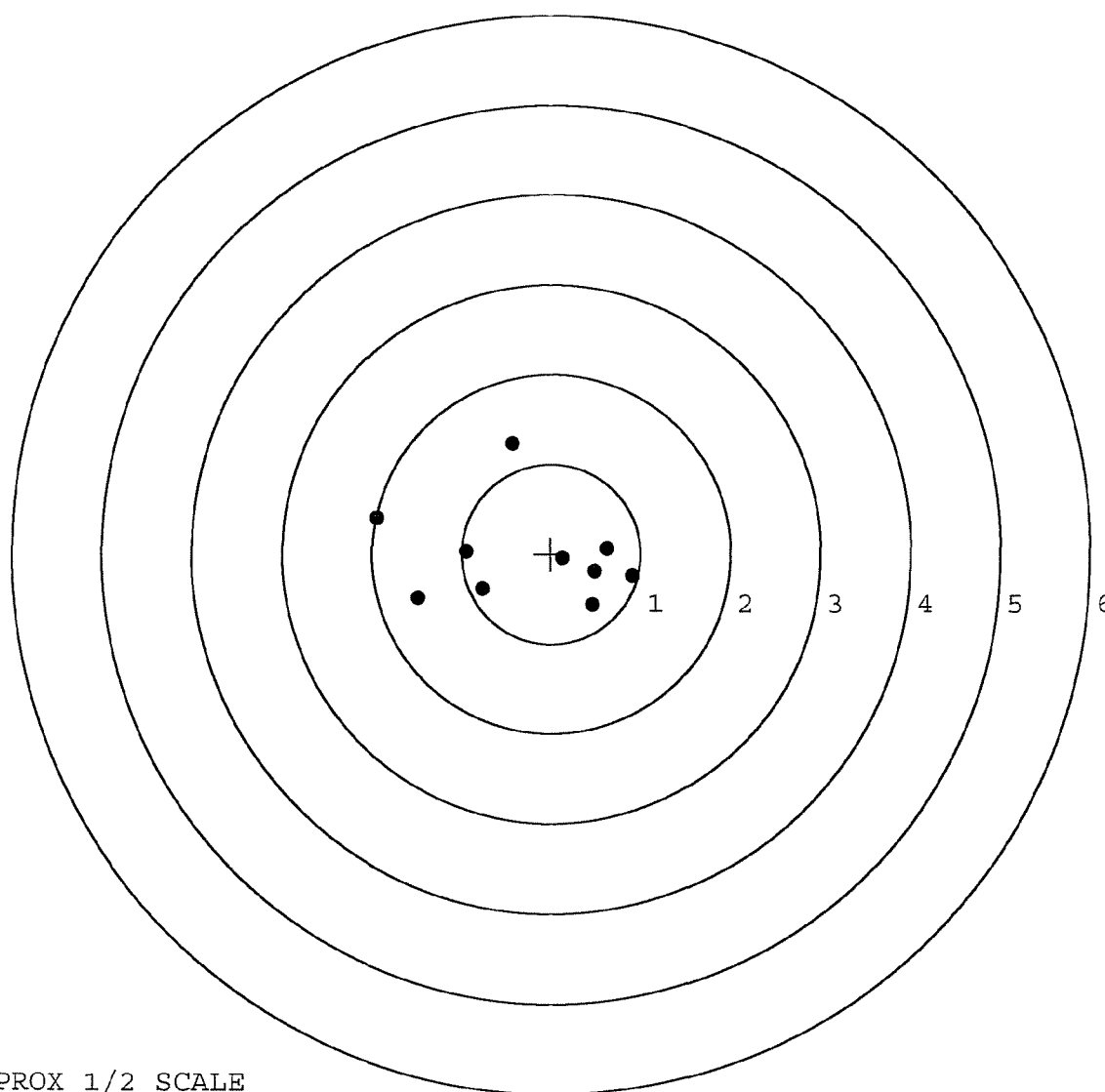
MAX RADIUS: 1.710

MEAN RADIUS: 0.984

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

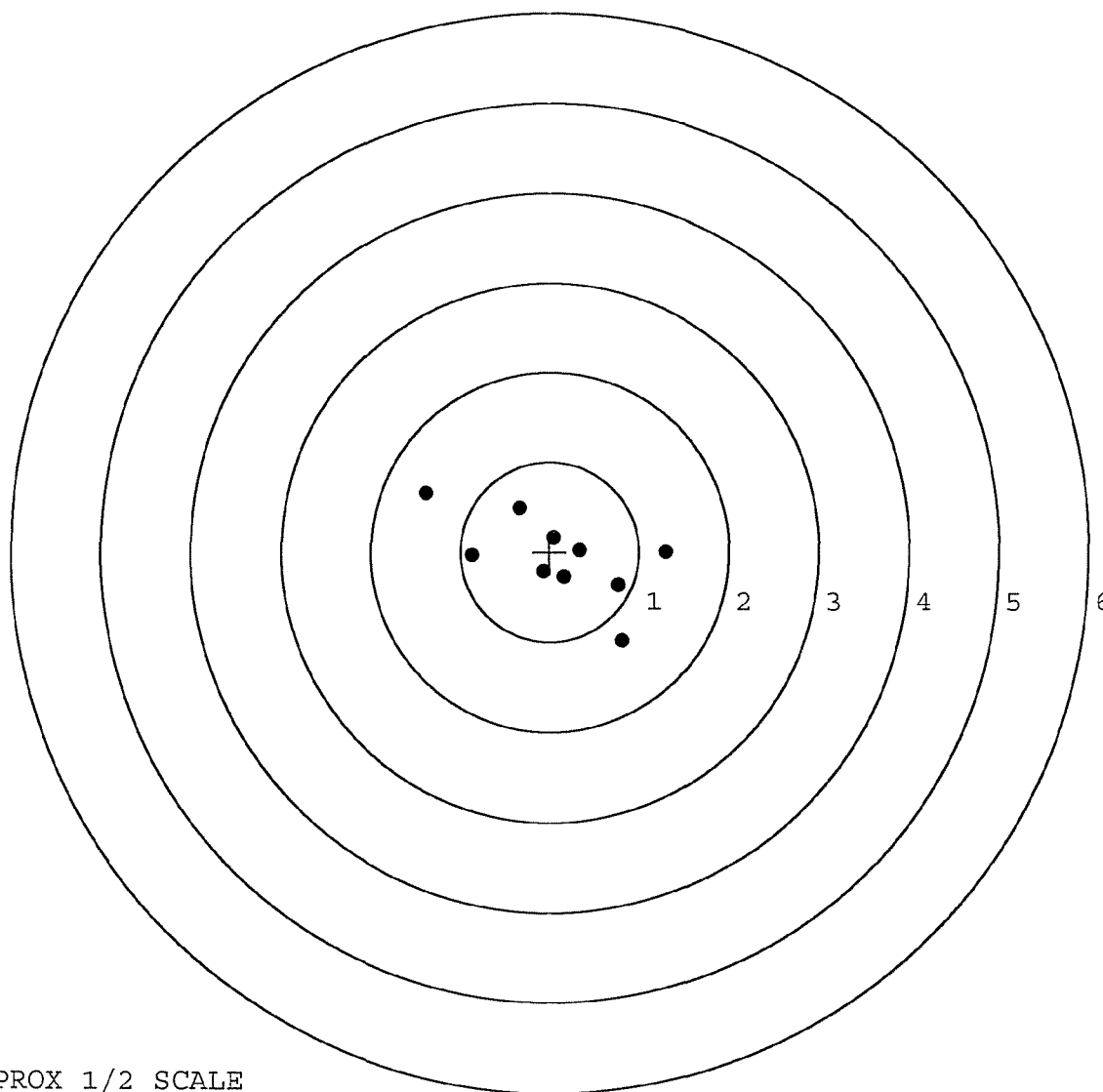
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0021854

SERIAL NUMBER: C6587517.____0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.813	-0.997
FILE DATE: 02/15/2005	2:	0.771	-0.378
FILE TIME: 08:59	3:	1.296	-0.005
	4:	-0.341	0.488
X CENTROID: 0.076	5:	-0.870	-0.034
Y CENTROID: -0.059	6:	-1.392	0.656
POA TO CENTROID: 0.096	7:	0.335	0.025
HORZ SPREAD: 2.688	8:	0.051	0.165
VERT SPREAD: 1.653	9:	-0.069	-0.222
GROUP SPREAD: 2.768	10:	0.163	-0.285
MIN RADIUS: 0.218			
MAX RADIUS: 1.632			
MEAN RADIUS: 0.740			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0021855

SERIAL NUMBER: C6587517. __0

TARGET NUMBER: 5

FILE DATE: 02/15/2005

FILE TIME: 08:59

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

1:	-1.633	-0.787
----	--------	--------

2:	-0.760	-0.252
----	--------	--------

3:	-0.337	0.074
----	--------	-------

4:	-0.332	0.313
----	--------	-------

5:	0.242	0.519
----	-------	-------

6:	0.440	0.349
----	-------	-------

7:	0.463	-0.011
----	-------	--------

8:	0.186	-0.307
----	-------	--------

9:	0.062	-0.679
----	-------	--------

10:	-0.343	-0.634
-----	--------	--------

X CENTROID: -0.201

Y CENTROID: -0.141

POA TO CENTROID: 0.246

HORZ SPREAD: 2.096

VERT SPREAD: 1.306

GROUP SPREAD: 2.364

MIN RADIUS: 0.255

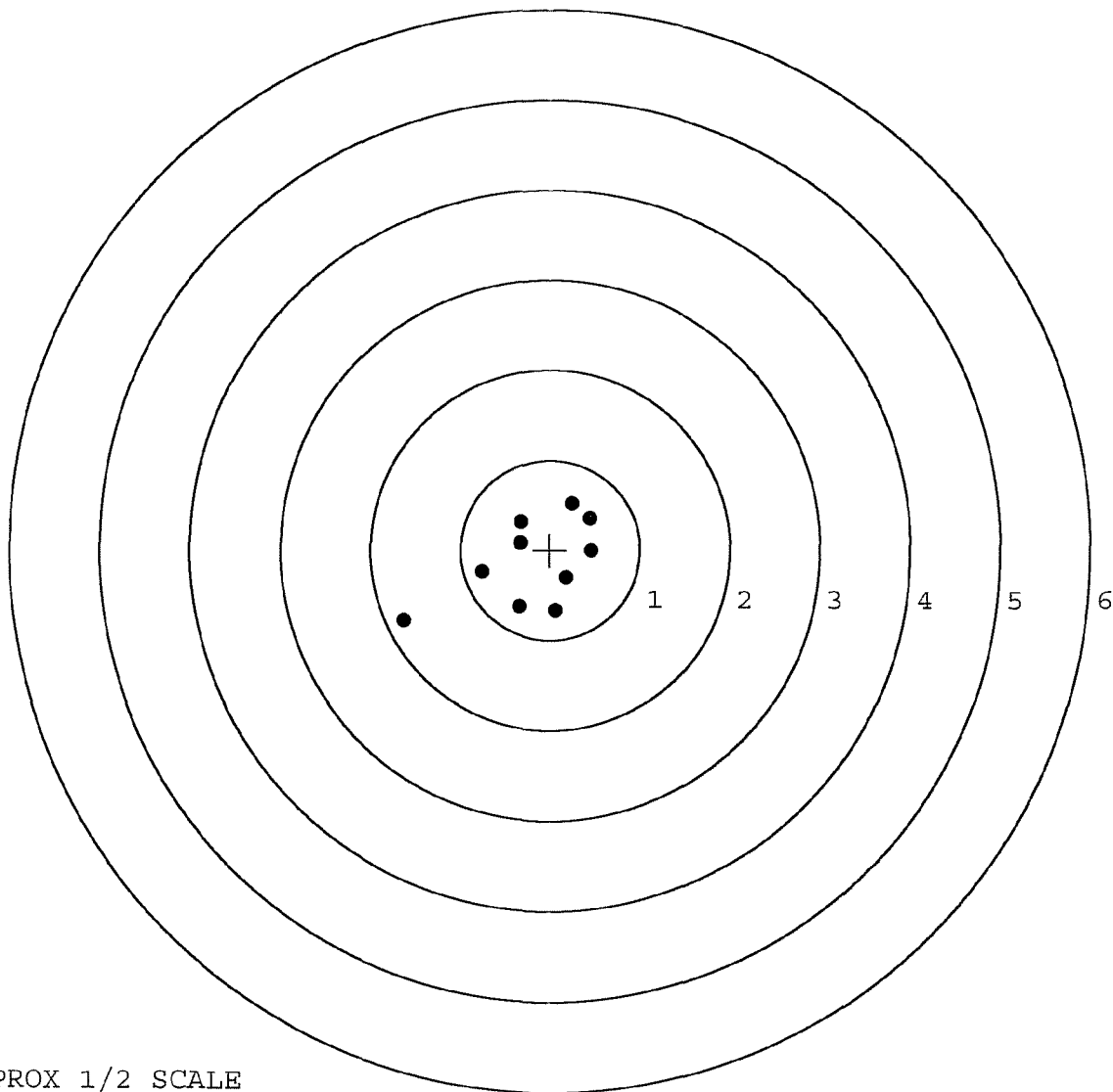
MAX RADIUS: 1.571

MEAN RADIUS: 0.668

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER	92656		
SERIAL NUMBER	C6587517		
LOG-IN DATE	2-8-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET + TEST	4-20-05	RTZ
655	FINAL INSPECT	4-21-05	RTZ
660	PACK	4-21-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18846

INITIAL CUSTOMER ORDER NO.

JJM DAAA09-92-C-0834

W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT

ATTN FRED MARTIN

Scope S/N 90-0454

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/14/94

06/15/94

C6587517

700 7.62

NATO

ACCESSORIES

HARD CASE

SCOPE MNTS

SCOPE BASE

SLING STRAP

FROM:

SHIP TO:

COMMANDER (W52H09413BH226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H09413BH226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

CUST NO: 098397 C.O.D.

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

E6

F5

MAIN FAULT

PARTS

COMMENTS

✓ Barrel
✓ Stock
✓ Trigger Assy
✓ Firing pin Assy
✓ Mag Box
✓ Mag Spring

96118 FRONT SIGHT ASSY

96119 REAR SIGHT ASSY

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

6/6/96

6/6/96

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0021857 21896

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6587517DATE 6-3-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.66	2.80	2.83		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.83	2.80		
PULL #3	2.49	2.67	2.74		
PULL #4	2.77	2.65	2.73		
PULL #5	2.48	2.59	2.82		
TOTAL	12.95	13.54	13.92		
AVG.	2.59	2.70	2.78		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.00		
PULL #2	3.16	3.00		
PULL #3	3.14	3.04		
PULL #4	3.13	3.03		
PULL #5	3.07	3.09		
TOTAL	15.73	15.16		
AVG.	3.14	3.03		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.25		4.25
PULL #2	4.22	4.19		4.17
PULL #3	4.20	4.28		4.23
PULL #4	4.22	4.21		4.30
PULL #5	4.22	4.28		4.30
TOTAL	21.00	21.21		21.25
AVG.	4.20	4.24		4.25

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587517
10 Apr 1900

CENTROIDAL DISTANCES

0 TO 1	.189974
1 TO 2	.218014
1 TO 3	.198668
1 TO 4	.145911
1 TO 5	.1486

←----POA

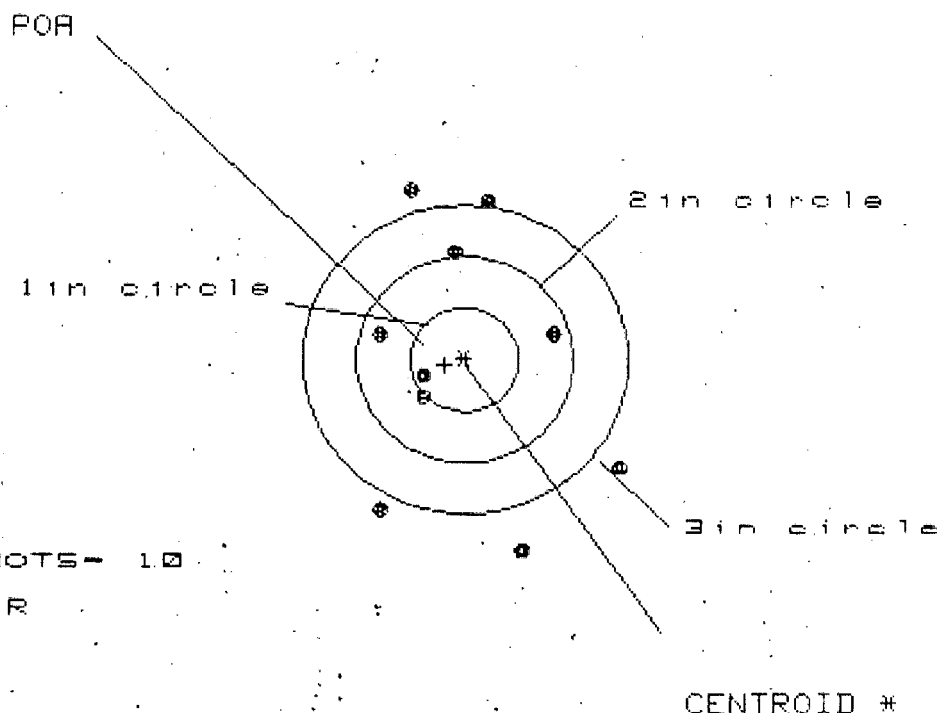
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1558
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1544
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .219347

THE AMR FOR THIS RIFLE IS: .94

18 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 5

HS= 2.158

VS= 3.464

GS= 3.604

PATTERN #

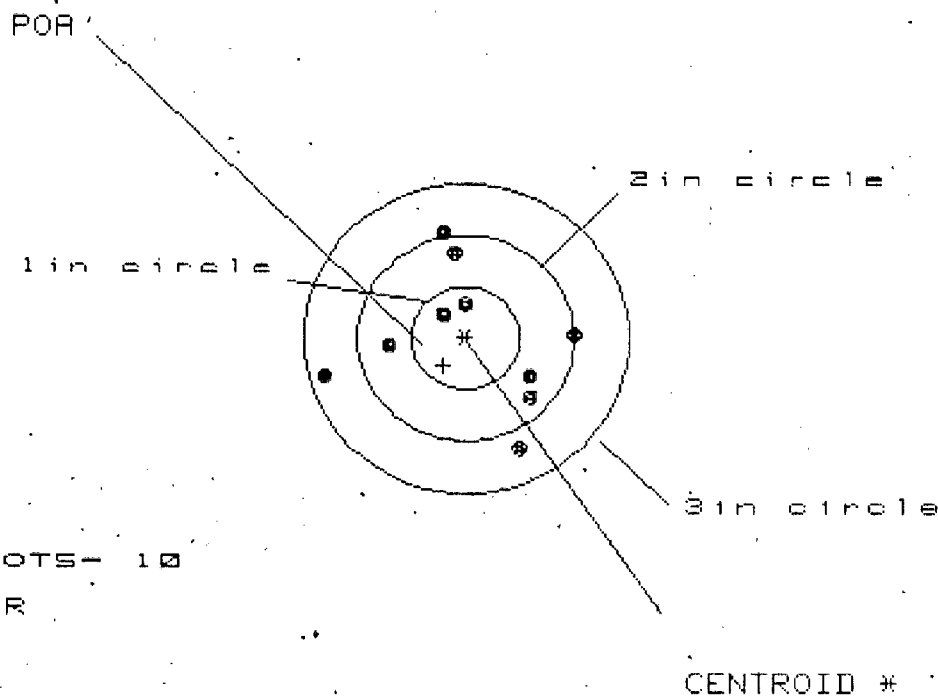
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.370	1.423	1.026
MINIMUM X	-.788	-.735	-.557
MAXIMUM Y	1.644	1.441	1.282
MINIMUM Y	-1.820	-1.626	-1.785
CENTROID X	.183	.130	-.048
CENTROID Y	.051	.254	.413
POA TO CENTROID in.	.190	.285	.415
MIN RADIUS	.391	.460	.512
MEAN RADIUS	1.213	1.122	.998
MAX RADIUS	1.881	1.908	1.856
HORIZONTAL SPREAD	2.158	2.158	1.584
VERTICAL SPREAD	3.464	3.067	3.067
EXTREME SPREAD	3.604	3.306	3.137
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		5	

18 Apr 1988

FILE: PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.295

VS= 2.044

GS= 2.323

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.969	.822	.865
MINIMUM X	-1.326	-.884	-.841
MAXIMUM Y	1.025	.990	.858
MINIMUM Y	-1.019	-1.054	-.754
CENTROID X	.204	.351	.308
CENTROID Y	.268	.303	.435
POA TO CENTROID in.	.337	.464	.533
MIN RADIUS	.294	.322	.189
MEAN RADIUS	.818	.750	.680
MAX RADIUS	1.364	1.110	.929
HORIZONTAL SPREAD	2.295	1.706	1.706
VERTICAL SPREAD	2.044	2.044	1.612
EXTREME SPREAD	2.323	2.177	1.823
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

18 Apr 1908

FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS = 2.319

VS = 1.421

GS = 2.331

CENTROID #

PATTERN #

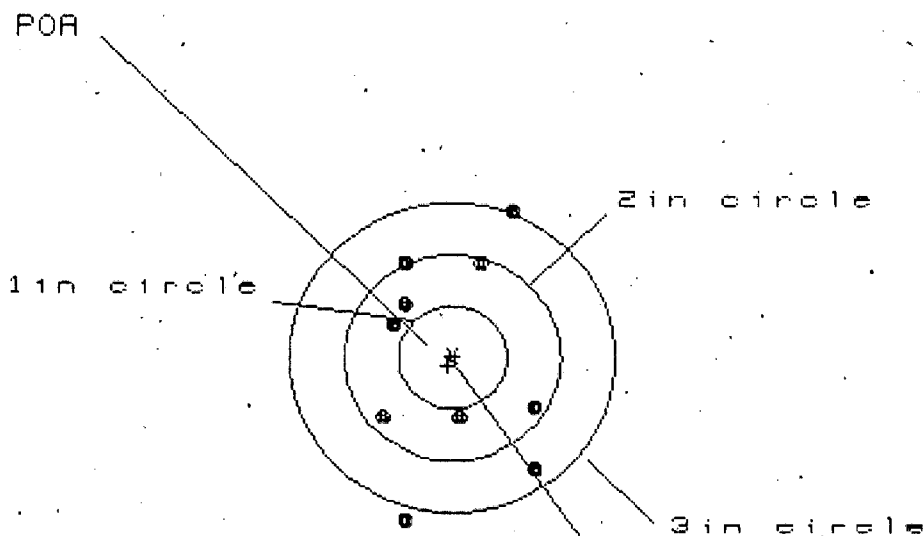
3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.343	1.296	.846
MINIMUM X	-.976	-.827	-.665
MAXIMUM Y	.752	.731	.781
MINIMUM Y	-.669	-.690	-.640
CENTROID X	.068	-.081	-.243
CENTROID Y	.213	.234	.184
POA TO CENTROID in.	.224	.247	.305
MIN RADIUS	.107	.204	.373
MEAN RADIUS	.863	.791	.696
MAX RADIUS	1.355	1.355	1.093
HORIZONTAL SPREAD	2.319	2.123	1.511
VERTICAL SPREAD	1.421	1.421	1.421
EXTREME SPREAD	2.331	2.254	1.894
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

18 Apr 1908

FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 1.444

VS= 3.071

GS= 3.237

PATTERN #

14

SHOTS (BEST OF)

10

9

8

MAXIMUM X : .782 .731 .796

MINIMUM X : -.662 -.713 -.648

MAXIMUM Y : 1.457 1.277 .925

MINIMUM Y : -1.614 -1.214 -1.054

CENTROID X : .040 .091 .026

CENTROID Y : .080 .260 .100

POA TO CENTROID in.: .090 .275 .103

MIN RADIUS : .587 .606 .609

MEAN RADIUS : 1.021 .935 .869

MAX RADIUS : 1.677 1.417 1.321

HORIZONTAL SPREAD : 1.444 1.444 1.444

VERTICAL SPREAD : 3.071 2.491 1.979

EXTREME SPREAD : 3.237 2.500 2.313

NUMBER IN ONE INCH CIRCLE = 0

NUMBER IN TWO INCH CIRCLE = 6

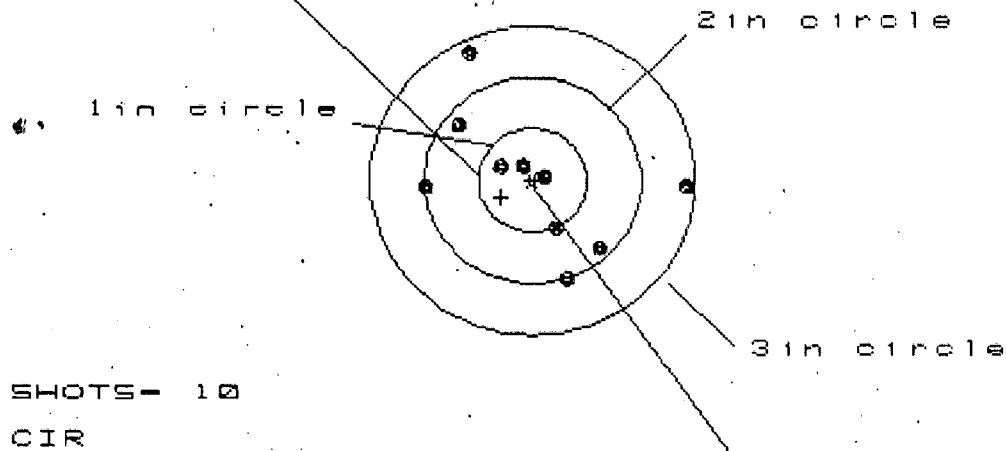
NUMBER IN THREE INCH CIRCLE = 8

18 Apr 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 5

POR



CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

IS - 0.425

VS - 2.211

BS - 0.425

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X : 1.452 .781 .728

MINIMUM X : -.973 -.812 -.865

MAXIMUM Y : 1.264 1.260 .704

MINIMUM Y : -.947 -.951 -.793

CENTROID X : .284 .123 .176

CENTROID Y : .160 .164 .006

POR TO CENTROID in.: .326 .205 .176

MIN RADIUS : .126 .147 .292

MEAN RADIUS : .785 .702 .631

MAX RADIUS : 1.452 1.331 .936

HORIZONTAL SPREAD : 2.425 1.593 1.593

VERTICAL SPREAD : 2.211 2.211 1.497

EXTREME SPREAD : 2.425 2.382 1.813

NUMBER IN ONE INCH CIRCLE = 3

NUMBER IN TWO INCH CIRCLE = 8

NUMBER IN THREE INCH CIRCLE = 10

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587517

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 0021866 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			6/8/96	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			6/8/96	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.024	.023			6/8/96	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	2.87	2.85	2.59	2.69	2.31	6/22/96	RW
	C) Function							
660	Pack							

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

MODEL 700TM M24

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

01

SERIAL NO.
C6587517

ORDER NO.
5716


5716 C6587517

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

UPC


0 47700 25716 7

MOD. M24 GA. 7.62 GUN # 7517
 CAL. 7.62

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
RW	1st	Ejector Sticks	VF
	11/30		
	2nd	Rear Ejector Hole & Polish Ejector	12/1/90 RW
	3rd	100 Adz OK 12-8-90 DH	
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

OK
CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587517

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	RW
600	Proof	1023	90	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		10/21/90	KF
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	GB
617	Drill and Tap Sight Holes		10/25/90	LB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/16/90	GL

op. #	NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	11/16/90	WB
	G) Safety Off Force	3	3	3	11/16/90	WB
	H) Trigger Pull Test & Retainability				11-16-90	JA
	I) Firing Pin Indent	.021	.021	.021	11/16/90	WB
	J) Assemble Stock				11/29/90	RW
	K) Assemble Swivel Studs				12-1-90	JS
	L) Attach Front and Rear Sight Assemblies				11/29/90	RW
	M) Iron Sight Alignment				11/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container				11/29/90	RW
	O) Attach Scope to Rifle				11/29/90	RW
	P) Detach & Attach Scope 20 Times				11/29/90	RW
640	Gallery Target & Test				11/29/90	AF
	A) Time				"	AF
	B) Malfunctions				"	AF
	C) Pierced Primers				"	AF
	D) Optical Clarity of Scope				"	AF
645	Inspect for Live Ammo				11/30/90	AF
655	Final Inspection					
	A) Headspace				12-1-90	JS
	B) Trigger Pull	267	270	277	12-1-90	JS
	C) Function				12-1-90	JS
660	Pack				12-18-90	JA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587517DATE 11-16-90TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.40	2.33	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.22	2.47	2.70	
PULL #3	2.26	2.18	2.24	2.77	
PULL #4	2.18	2.25	2.35	2.65	
PULL #5	2.23	2.29	2.29	2.75	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.47		
PULL #2	3.36	3.15		
PULL #3	3.58	3.39		
PULL #4	3.38	3.42		
PULL #5	3.28	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	4.42	4.39		4.50
PULL #2	4.23	4.39		4.45
PULL #3	4.35	4.47		4.43 4.36
PULL #4	4.12	4.35		4.47
PULL #5	4.16	4.44		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587517
30 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.0823772
1 TO	2	.216116
1 TO	3	.468578
1 TO	4	.180854
1 TO	5	.196977

4
3

<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0002
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1528
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .1528
THE AMR FOR THIS RIFLE IS: 1.204

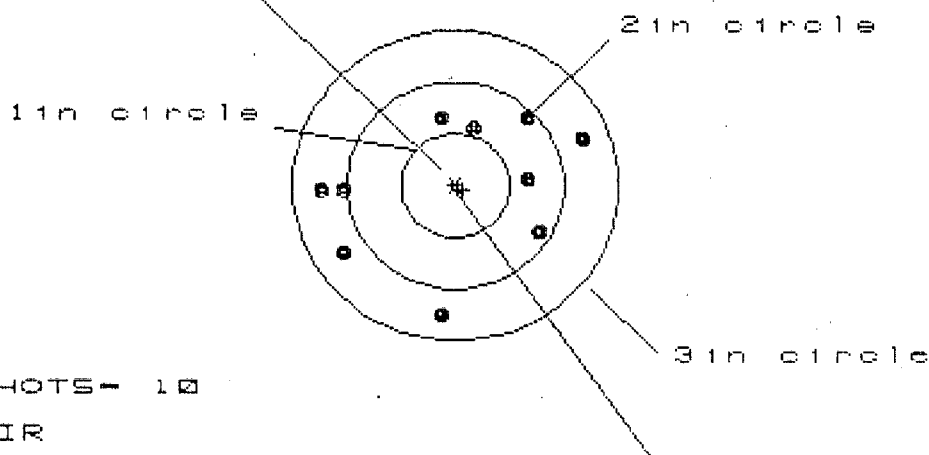
30 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

10 = 2.369

VS = 1.985

GS = 2.430

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.129	1.115	.958
MINIMUM X	-1.240	-1.254	-1.189
MAXIMUM Y	.700	.557	.527
MINIMUM Y	-1.286	-.768	-.798
CENTROID X	-.069	-.055	.102
CENTROID Y	.045	.188	.218
POA TO CENTROID in.	.082	.196	.240
MIN RADIUS	.599	.463	.391
MEAN RADIUS	.984	.924	.844
MAX RADIUS	1.291	1.276	1.421
HORIZONTAL SPREAD	2.369	2.369	2.147
VERTICAL SPREAD	1.985	1.325	1.325
EXTREME SPREAD	2.430	2.430	2.389
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

30 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 7

HS= 4.980

VS= 1.837

GS= 5.088

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.804	1.598	1.365
MINIMUM X	:	-2.176	-1.865	-1.917
MAXIMUM Y	:	.705	.579	.552
MINIMUM Y	:	-1.132	-.709	-.736
CENTROID X	:	-.014	-.325	-.092
CENTROID Y	:	-.164	-.038	-.011
POA TO CENTROID in.	:	.164	.327	.093
MIN RADIUS	:	.583	.457	.476
MEAN RADIUS	:	1.406	1.192	1.086
MAX RADIUS	:	3.024	1.877	1.919
HORIZONTAL SPREAD	:	4.980	3.463	3.282
VERTICAL SPREAD	:	1.837	1.288	1.288
EXTREME SPREAD	:	5.088	3.525	3.320
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

30 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 8

HS= 2.103

VS= 3.111

GS= 3.389

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.988	.886	.734
MINIMUM X	-1.115	-1.217	-1.253
MAXIMUM Y	1.663	1.397	1.239
MINIMUM Y	-1.448	-1.263	-1.294
CENTROID X	.030	.132	.284
CENTROID Y	-.413	-.598	-.440
POA TO CENTROID in.	.414	.612	.524
MIN RADIUS	.762	.646	.508
MEAN RADIUS	1.290	1.197	1.098
MAX RADIUS	1.900	1.754	1.365
HORIZONTAL SPREAD	2.103	2.103	1.987
VERTICAL SPREAD	3.111	2.660	2.533
EXTREME SPREAD	3.389	3.280	2.699
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =		8	

30 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 7

HS= 3.315

VS= 3.442

GS= 3.482

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.256	1.027	.919
MINIMUM X	-2.059	-1.289	-1.397
MAXIMUM Y	1.929	1.843	1.383
MINIMUM Y	-1.513	-1.599	-1.369
CENTROID X	.043	.272	.380
CENTROID Y	-.097	-.011	-.241
POA TO CENTROID in.	.106	.272	.450
MIN RADIUS	.323	.420	.362
MEAN RADIUS	1.247	1.109	.968
MAX RADIUS	2.199	2.054	1.955
HORIZONTAL SPREAD	3.315	2.316	2.316
VERTICAL SPREAD	3.442	3.442	2.751
EXTREME SPREAD	3.482	3.468	3.311
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		7	

30 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587517

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.197

VS= 2.615

GS= 3.601

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.222	1.003	.546
MINIMUM X	-1.975	-.961	-.836
MAXIMUM Y	1.494	1.443	1.586
MINIMUM Y	-1.121	-1.172	-1.029
CENTROID X	.011	.230	.105
CENTROID Y	-.135	-.084	-.227
POA TO CENTROID in.	.135	.245	.250
MIN RADIUS	.244	.062	.173
MEAN RADIUS	1.092	.934	.870
MAX RADIUS	2.027	1.703	1.767
HORIZONTAL SPREAD	3.197	1.964	1.382
VERTICAL SPREAD	2.615	2.615	2.615
EXTREME SPREAD	3.601	2.932	2.932
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		