

C6225402

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Smead[®]
No. 2.157.51

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: **RE00087062** Serial: C6225402 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairmen: Status: Closed 10/27/2004 9:30:03 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: **ELECTRONIC MAIN SHOP GSC 10TH DIV** **ELECTRONIC MAIN SHOP GSC 10TH DIV**

Address 1: **ATTN MSG BARTRON SPC LAUBAUGH** **ATTN MSG BARTRON SPC LAUBAUGH**

Address 2: **BLDG 7426 RM 203 BAD TOELZ** **BLDG 7426 RM 203 BAD TOELZ** PO Box: **PO Box:**

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
C000	F AND R SGT BASES	1

Repair Search Refresh Close

navletj 10/27/2004 11:59 AM CAPS NUM INS SCL

start 2 3 2

Serial Number: **C6225402**

Model: **M24 SWS**



RE00087062

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225402.__0
FILE DATE AND TIME: 11/11/2004 08:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

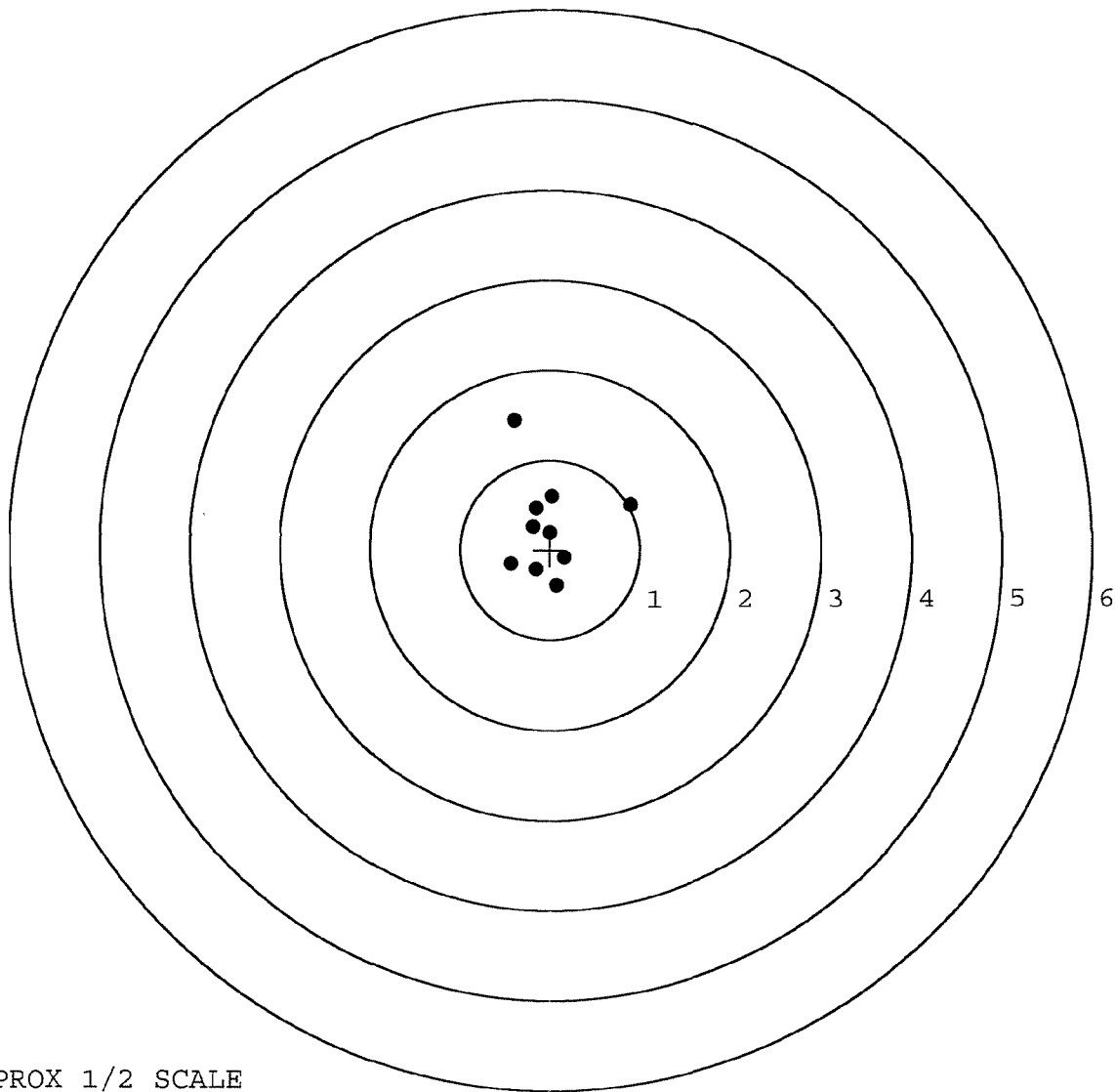
The Average X Centroid of the Five Target Set:	-0.028
The Average Y Centroid of the Five Target Set:	0.007
The Average Point of Impact of the Five Target Set:	0.029
The Average Mean Radius of the Five Target Set:	0.677
The Distance from POA to Centroid Target #1:	0.256
The Distance from Centroid Target #2 to Centroid Target #1:	0.361
The Distance from Centroid Target #3 to Centroid Target #1:	0.146
The Distance from Centroid Target #4 to Centroid Target #1:	0.377
The Distance from Centroid Target #5 to Centroid Target #1:	0.420

BARBER - M24 0060082

SERIAL NUMBER: C6225402. __0
 TARGET NUMBER: 1
 FILE DATE: 11/11/2004
 FILE TIME: 08:50

POINT#	X	Y
1:	0.897	0.502
2:	-0.398	1.434
3:	0.032	0.594
4:	-0.149	0.464
5:	-0.181	0.254
6:	-0.435	-0.166
7:	-0.160	-0.226
8:	0.074	-0.402
9:	0.164	-0.087
10:	0.003	0.189

X CENTROID: -0.015
 Y CENTROID: 0.256
 POA TO CENTROID: 0.256
 HORZ SPREAD: 1.332
 VERT SPREAD: 1.836
 GROUP SPREAD: 1.896
 MIN RADIUS: 0.069
 MAX RADIUS: 1.239
 MEAN RADIUS: 0.516
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0060083

SERIAL NUMBER: C6225402. __0

TARGET NUMBER: 2

FILE DATE: 11/11/2004

FILE TIME: 08:50

POINT#	X	Y
1:	-0.030	0.166
2:	-0.390	0.432
3:	-0.677	0.527
4:	-0.875	0.910
5:	0.370	1.305
6:	0.617	-0.313
7:	0.698	-0.706
8:	0.889	-1.315
9:	-0.420	-1.494
10:	-0.278	-0.570

X CENTROID: -0.010

Y CENTROID: -0.106

POA TO CENTROID: 0.106

HORZ SPREAD: 1.764

VERT SPREAD: 2.799

GROUP SPREAD: 2.839

MIN RADIUS: 0.273

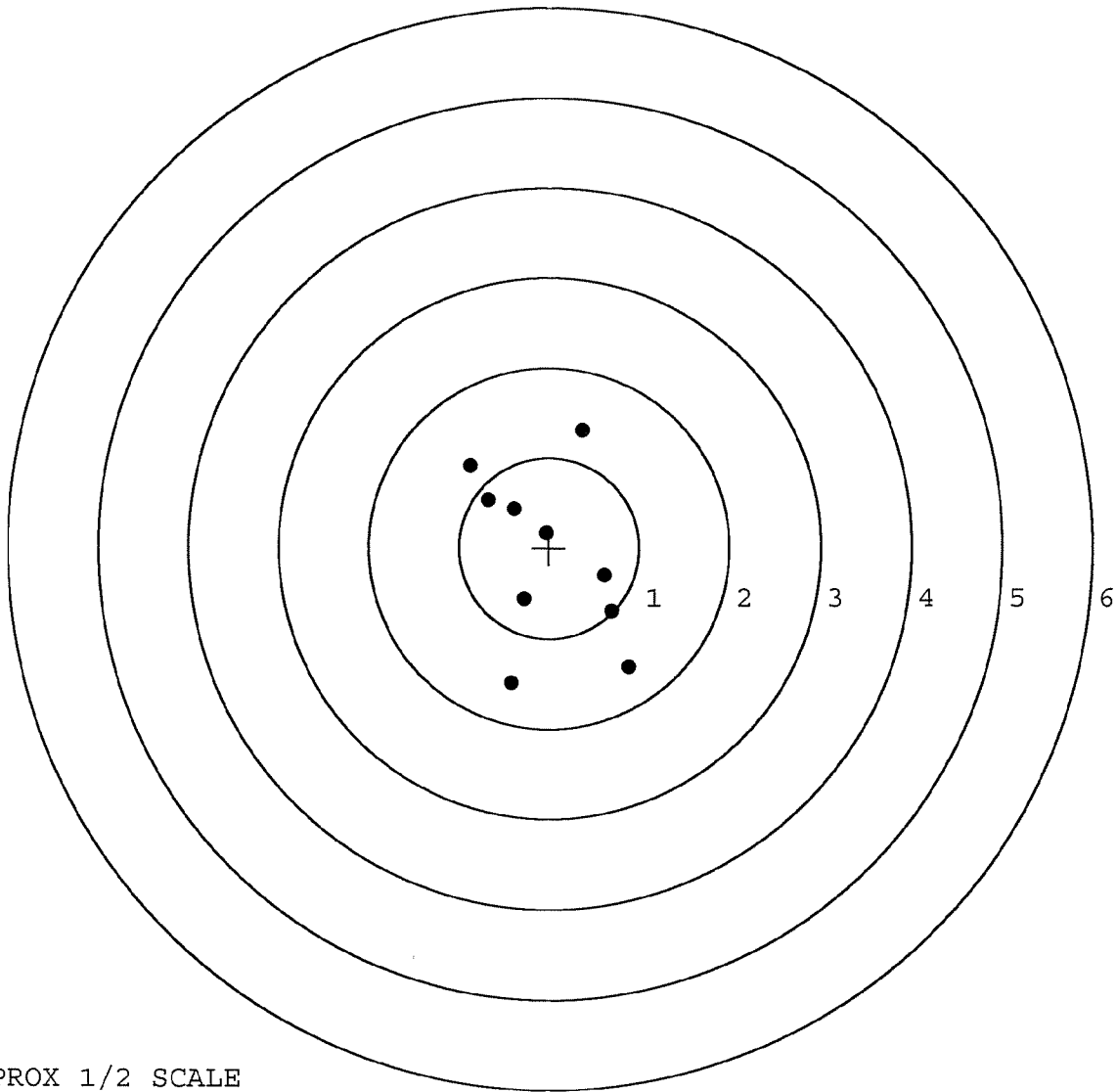
MAX RADIUS: 1.507

MEAN RADIUS: 0.972

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

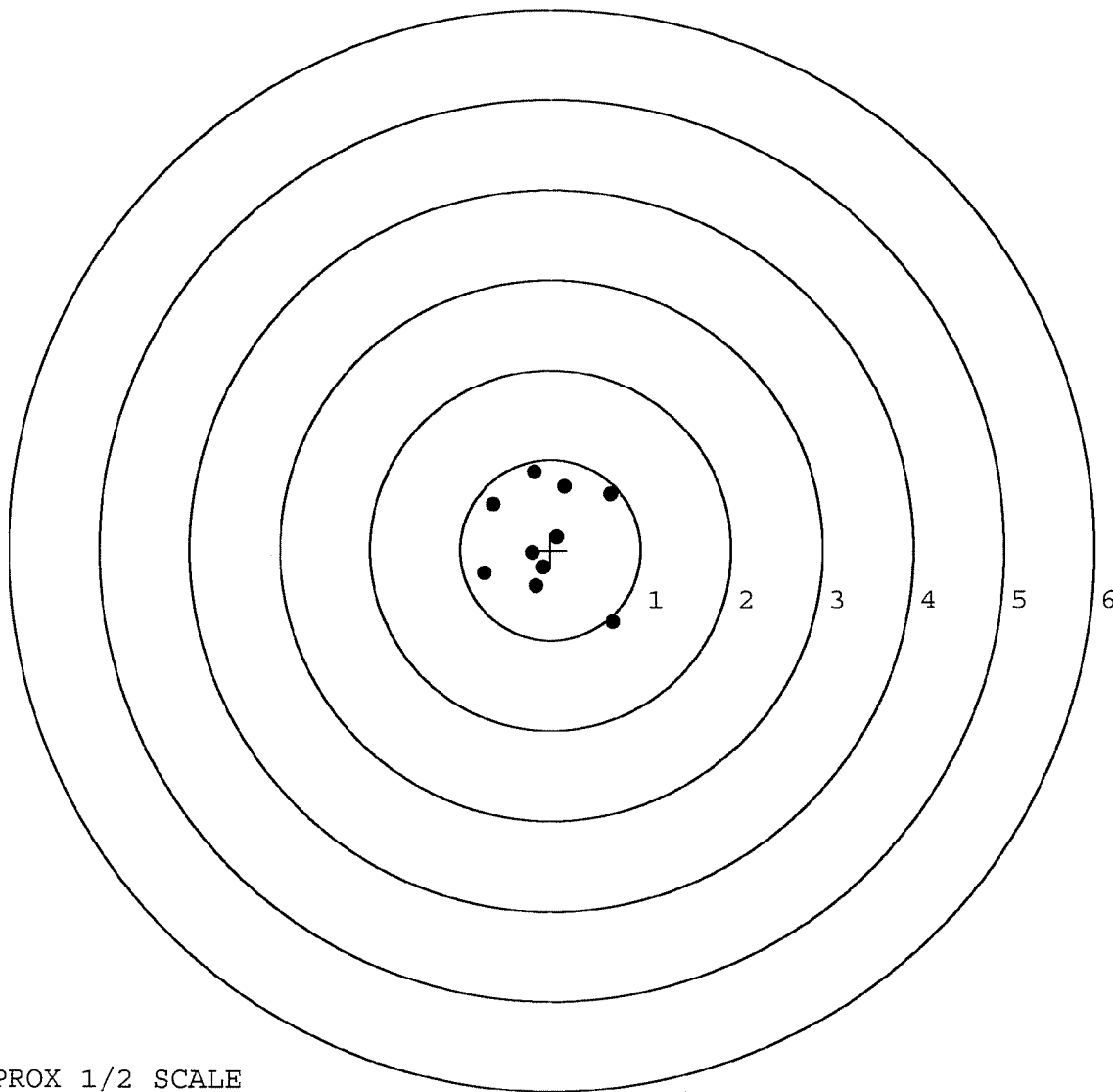


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225402. __0
 TARGET NUMBER: 3
 FILE DATE: 11/11/2004
 FILE TIME: 08:50

POINT#	X	Y
1:	-0.182	0.866
2:	0.156	0.704
3:	0.665	0.615
4:	-0.638	0.503
5:	0.069	0.141
6:	-0.204	-0.039
7:	-0.083	-0.195
8:	-0.165	-0.404
9:	-0.737	-0.264
10:	0.688	-0.801

X CENTROID: -0.043
 Y CENTROID: 0.113
 POA TO CENTROID: 0.121
 HORZ SPREAD: 1.425
 VERT SPREAD: 1.667
 GROUP SPREAD: 1.880
 MIN RADIUS: 0.116
 MAX RADIUS: 1.170
 MEAN RADIUS: 0.611
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0060085

SERIAL NUMBER: C6225402. __0

TARGET NUMBER: 4

FILE DATE: 11/11/2004

FILE TIME: 08:50

POINT#	X	Y
1:	0.382	0.860
2:	0.139	0.652
3:	-0.302	0.297
4:	-0.221	0.124
5:	-0.117	-0.143
6:	0.666	-0.166
7:	0.325	-0.093
8:	0.059	-0.900
9:	-0.007	-1.545
10:	0.206	-0.079

X CENTROID: 0.113

Y CENTROID: -0.099

POA TO CENTROID: 0.150

HORZ SPREAD: 0.968

VERT SPREAD: 2.405

GROUP SPREAD: 2.436

MIN RADIUS: 0.095

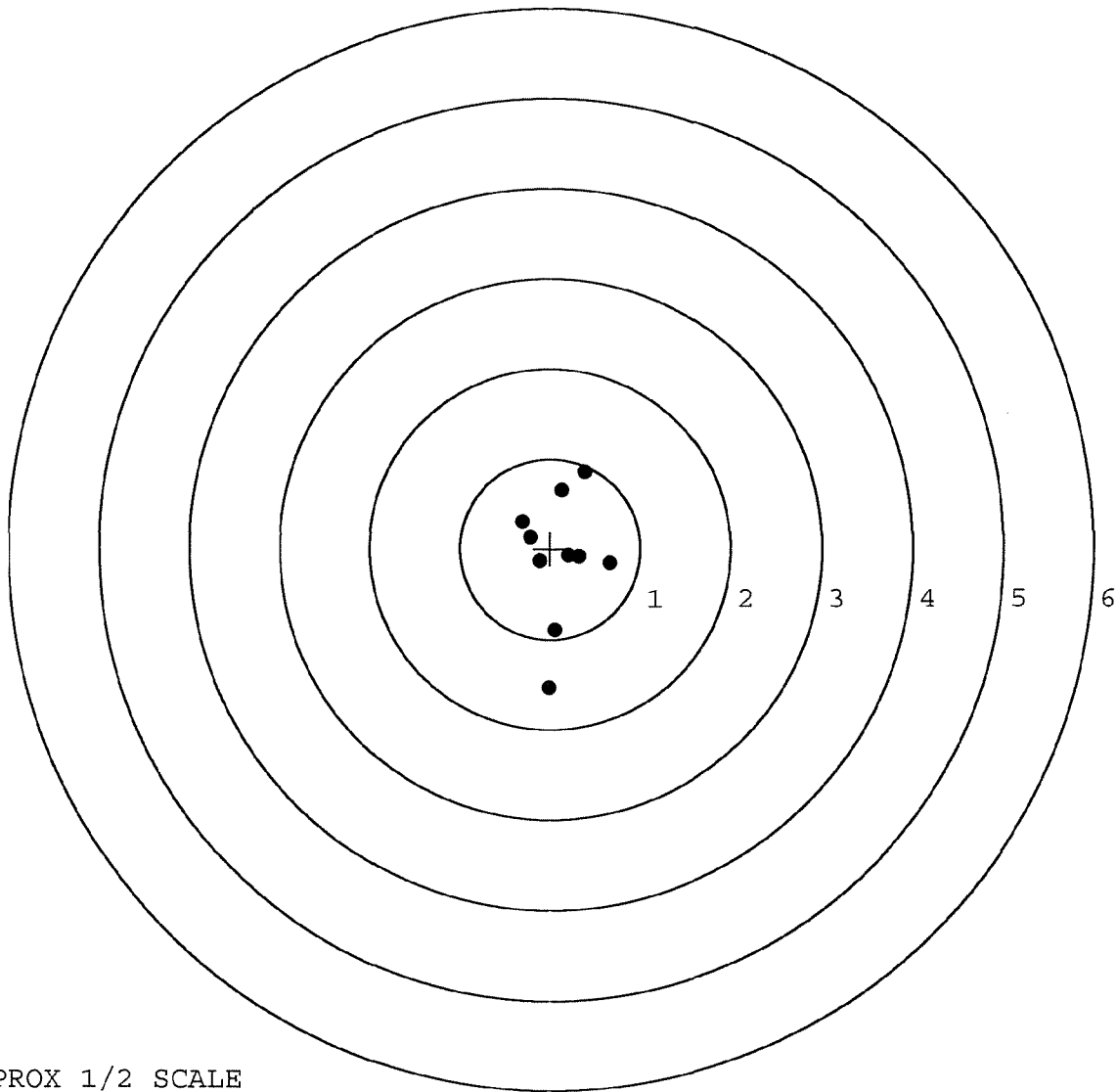
MAX RADIUS: 1.451

MEAN RADIUS: 0.608

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



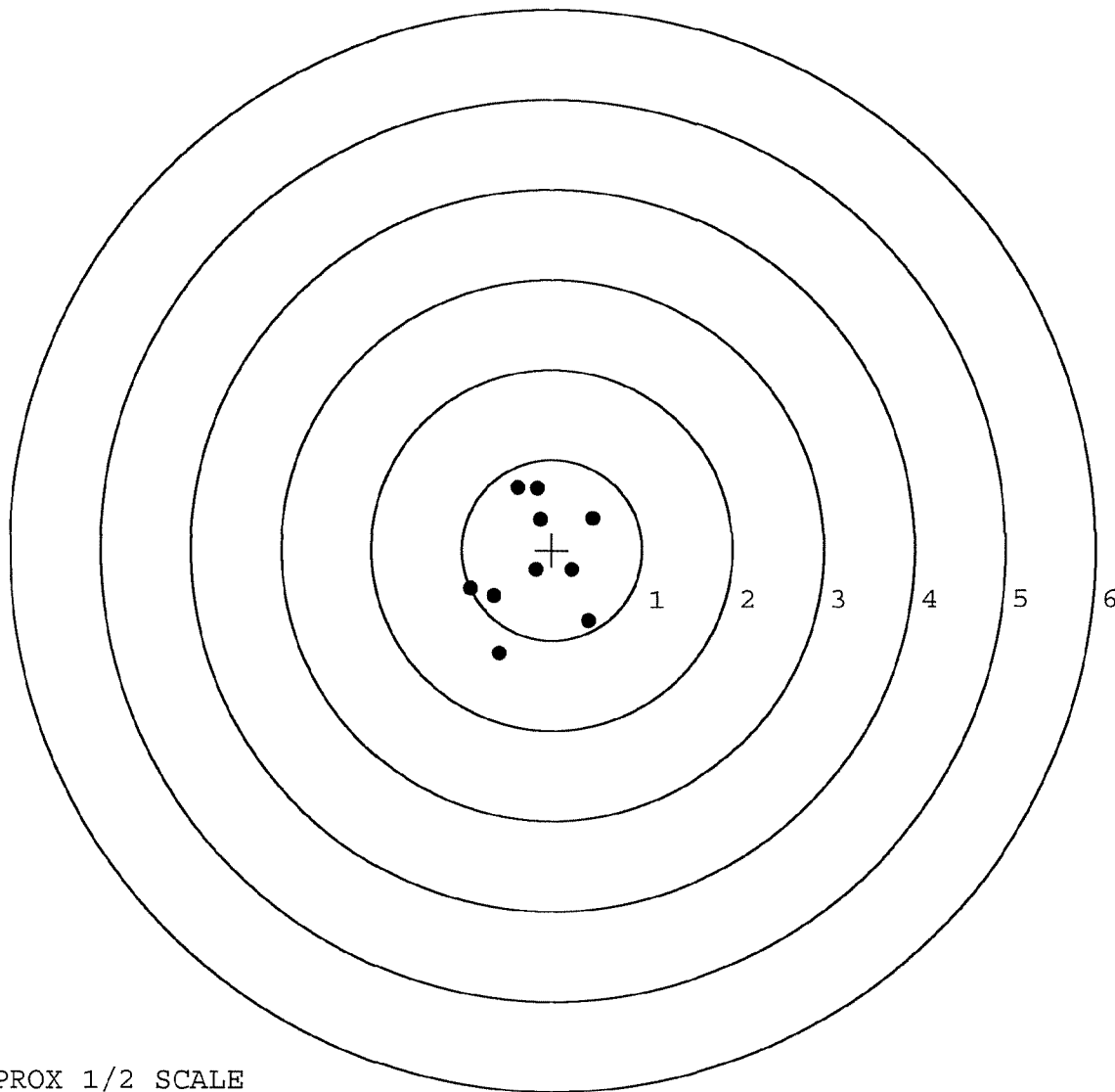
TARGET APPROX 1/2 SCALE

BARBER - M24 0060086

SERIAL NUMBER: C6225402. __0
 TARGET NUMBER: 5
 FILE DATE: 11/11/2004
 FILE TIME: 08:50

POINT#	X	Y
1:	0.463	0.348
2:	-0.154	0.684
3:	-0.375	0.689
4:	-0.121	0.338
5:	0.223	-0.220
6:	-0.177	-0.223
7:	-0.901	-0.434
8:	-0.644	-0.515
9:	0.407	-0.793
10:	-0.582	-1.153

X CENTROID: -0.186
 Y CENTROID: -0.128
 POA TO CENTROID: 0.226
 HORZ SPREAD: 1.364
 VERT SPREAD: 1.842
 GROUP SPREAD: 1.886
 MIN RADIUS: 0.096
 MAX RADIUS: 1.099
 MEAN RADIUS: 0.681
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	87062		
SERIAL NUMBER	C 6225402		
LOG-IN DATE	10-27-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-28-04	AC
560 A	RE-BARREL	11-2-04	RTL
B	DRILL AND TAP	11-4-04	TRL
575	ASSEMBLE	11-2-04	RTL
600	PROOF	11-3-04	RTL
605	CHECK HEADSPACE	11-3-04	RTL
610	DIS-ASSEMBLE GUN	11-4-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	11/5/04	B
618	ROTO-BLAST	11-6-04	LB
620	APPLY COATINGS	11/9	HP
625 A	FINAL ASSEMBLY	11-10-04	RTL
B	TRIGGER PULL TEST	N/A	N/A
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-11-04	AC
655	FINAL INSPECT	11-17-04	AC
660	PACK	11-18-04	RA
		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.
C6225402

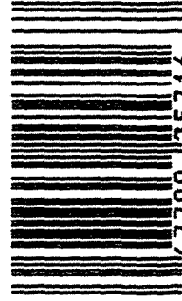
ORDER NO.
5716

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



5716 C6225402

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225402

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 4	89	RW
600	Proof	4 4	89	RW
607	Check Headspace	4 4	89	RW
610	Dis-assemble Gun	4 4	89	RW
612	Magnaflux Barrel Action	4-6	89	KCR
	Magnaflux Bolt	4-7	89	KCR
615	Rollmark Caliber	4-7	89	G.S.
617	Drill and Tap Sight Holes	4 7	89	YB
618	Polish Barrel	4 7	89	BT
620	Apply Coatings (Barrel Action)		4-19-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		4/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/89	RW
	C) Inspect Ejector Hole for Chamfer		4/24/89	RW
	D) Oil Firing Pin Ass'y		4/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/26/89	G.S.

op. #	BARBER, M24 0060090 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	8	8	8			4/26/89	JH
	G) Safety Off Force	4	4	4			4/26/89	JH
	H) Trigger Pull Test & Retainability						4/26/89	D.S.
	I) Firing Pin Indent	.020	.020.5	.020			4/26/89	JH
	J) Assemble Stock						4/27/89	RW
	K) Assemble Swivel Studs						16 May 89	SS
	L) Attach Front and Rear Sight Assemblies						4/27/89	RW
	M) Iron Sight Alignment						4/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/27/89	RW
	O) Attach Scope to Rifle						4/28/89	WB
	P) Detach & Attach Scope 20 Times						4/28/89	WB
640	Gallery Target & Test	51 R	100L				4/28/89	A
	A) Time						4/28/89	A
	B) Malfunctions						4/28/89	A
	C) Pierced Primers						4/28/89	A
	D) Optical Clarity of Scope						4/28/89	A
645	Inspect for Live Ammo						4/28/89	A
655	Final Inspection A) Headspace						16 May 89	SS
	B) Trigger Pull	2.54	2.59	2.46	2.10	2.75	16 May 89	SS
	C) Function						16 May 89	SS
660	Pack						27 June 89	JH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. ~~66399166~~ 5402

DATE 11/7/89

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.14	2.09	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.16	2.05	2.71	
PULL #3	2.28	2.22	2.02	2.62	
PULL #4	2.31	2.19	2.00	2.53	
PULL #5	2.20	2.15	2.01	2.53	
TOTAL	11.46	10.86	10.17	12.93	
AVG.	2.29	2.17	2.03	2.586	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.12		
PULL #2	3.14	3.11		
PULL #3	3.19	3.14		
PULL #4	3.17	3.14		
PULL #5	3.23	3.17		
TOTAL	15.91	15.68		
AVG.	3.18	3.13		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.16		4.13
PULL #2	4.23	4.13		4.09
PULL #3	4.16	4.10		4.09
PULL #4	4.19	4.13		4.12
PULL #5	4.12	4.14		4.11
TOTAL	20.87	20.66		20.54
AVG.	4.17	4.13		4.11

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225402
1 May 1989

CENTROIDAL DISTANCES

0 TO	1	.23924
1 TO	2	.407298
1 TO	3	.492148
1 TO	4	.348428
1 TO	5	.313337

$\frac{16}{476}$ <----POA

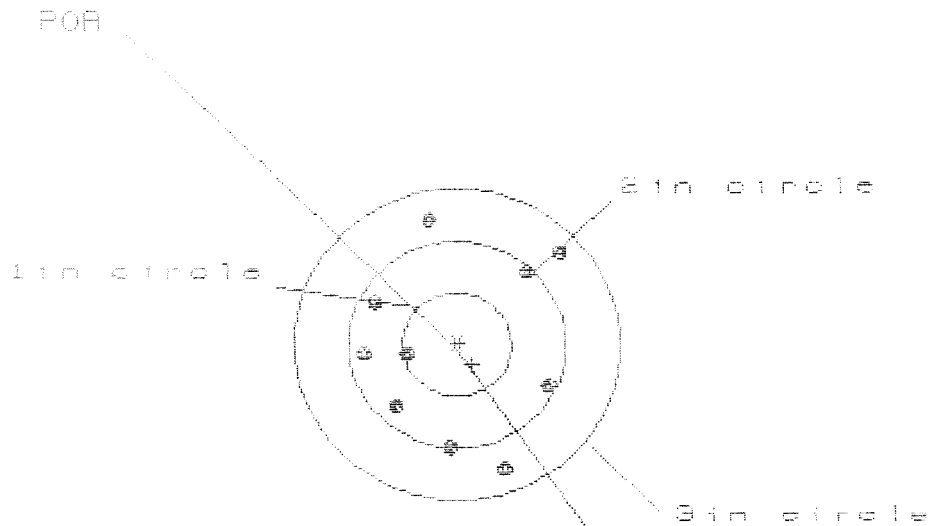
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0146
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0262
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0249239

THE AMP FOR THIS RIFLE IS: .963

28 Apr 1989

FILE: \PATTERNING\CENTERFIRE_PATT\08225402

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.733

VS= 2.394

GS= 2.486

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.905	.972	1.041
MINIMUM X	-.828	-.727	-.658
MAXIMUM Y	1.215	1.320	1.186
MINIMUM Y	-1.179	-1.074	-.985
CENTROID X	-.140	-.241	-.310
CENTROID Y	.194	.089	.223
POA TO CENTROID in.	.239	.257	.382
MIN RADIUS	.480	.379	.318
MEAN RADIUS	.956	.889	.833
MAX RADIUS	1.308	1.325	1.187
HORIZONTAL SPREAD	1.733	1.699	1.699
VERTICAL SPREAD	2.394	2.394	2.171
EXTREME SPREAD	2.486	2.486	2.176
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

28 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225482

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.859

VS= 2.490

QS= 2.933

CENTROID *

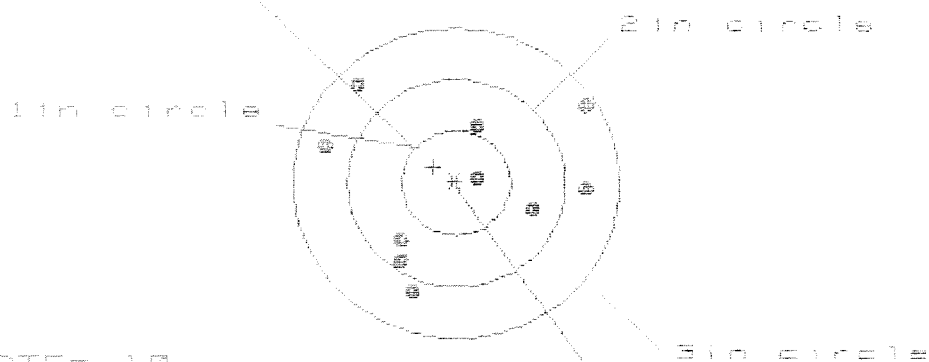
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.439	1.321	.555
MINIMUM X	-1.420	-1.538	-1.373
MAXIMUM Y	1.180	.839	.885
MINIMUM Y	-1.310	-1.179	-1.133
CENTROID X	.171	.289	.124
CENTROID Y	-.069	-.200	-.246
POA TO CENTROID IN.	.184	.351	.375
MIN RADIUS	.399	.389	.261
MEAN RADIUS	.950	.851	.790
MAX RADIUS	1.590	1.530	1.432
HORIZONTAL SPREAD	2.859	2.859	1.928
VERTICAL SPREAD	2.490	2.018	2.018
EXTREME SPREAD	2.933	2.859	2.447
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

28 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/03225402

CENTERFIRE PATTERNS # 3

POA



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

HS = 2.355

VS = 1.975

GS = 2.384

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.189	1.283	1.189
MINIMUM X	-1.166	-1.034	-1.128
MAXIMUM Y	.960	1.040	.781
MINIMUM Y	-1.015	-.935	-.885
CENTROID X	.209	.077	.171
CENTROID Y	-.153	-.233	-.363
POA TO CENTROID in.	.259	.245	.401
MIN RADIUS	.217	.368	.364
MEAN RADIUS	.936	.885	.816
MAX RADIUS	1.389	1.286	1.259
HORIZONTAL SPREAD	2.355	2.317	2.317
VERTICAL SPREAD	1.975	1.975	1.586
EXTREME SPREAD	2.384	2.354	2.354
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

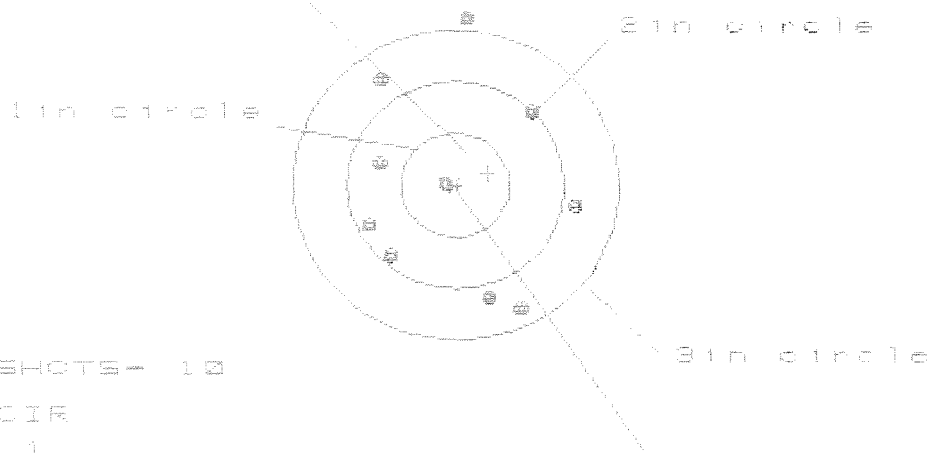
28 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225402

CENTERFIRE PATTERNS

4

FOR



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 5

ES= 1.877

VS= 2.719

GS= 2.779

CENTROID #

PATTERN #

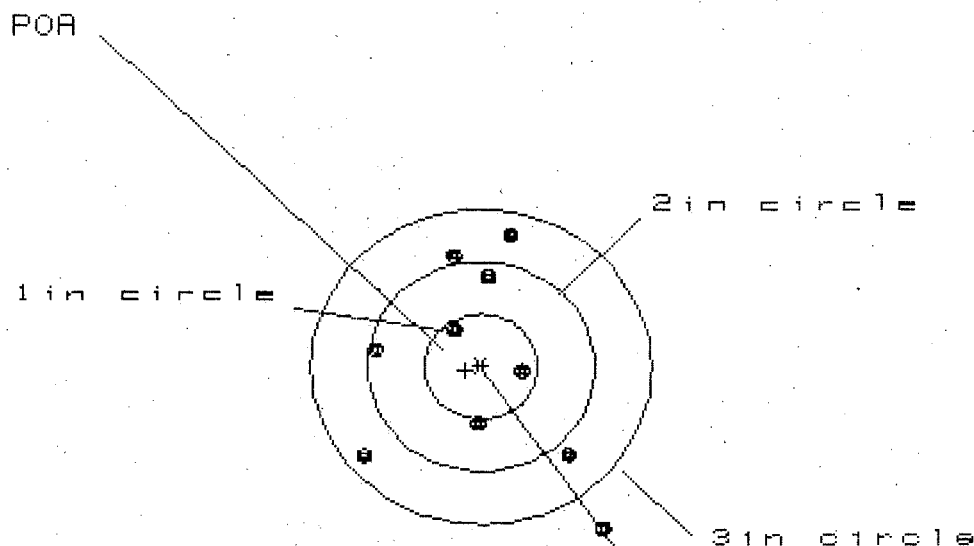
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.854	1.862	1.143
MINIMUM X	-.823	-.815	-.734
MAXIMUM Y	1.567	1.179	1.056
MINIMUM Y	-1.152	-.978	-1.084
CENTROID X	-.301	-.309	-.396
CENTROID Y	-.115	-.289	-.166
FOR TO CENTROID in.	.822	.423	.424
MIN RADIUS	.868	.150	.035
MEAN RADIUS	.997	.925	.869
MAX RADIUS	1.568	1.344	1.198
HORIZONTAL SPREAD	1.877	1.877	1.877
VERTICAL SPREAD	2.719	2.157	2.110
EXTREME SPREAD	2.779	2.517	2.333
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	5		

28 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225482

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 5

3 in - 9

HS - 2.108

VS - 2.781

GS - 2.895

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.045	.861	.742
MINIMUM X	-1.063	-.947	-.907
MAXIMUM Y	1.278	1.111	.987
MINIMUM Y	-1.503	-1.053	-1.177
CENTROID X	.134	.018	.137
CENTROID Y	.042	.209	.333
POA TO CENTROID in.	.141	.210	.360
MIN RADIUS	.316	.214	.212
MEAN RADIUS	.976	.854	.770
MAX RADIUS	1.830	1.372	1.391
HORIZONTAL SPREAD	2.108	1.808	1.649
VERTICAL SPREAD	2.781	2.164	2.164
EXTREME SPREAD	2.895	2.474	2.222
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

RECEIVED BARBER - M24 0060098 REPORT

COMMENTS

ORDER
R 97-04019

INITIAL CUSTOMER ORDER NO.

WOG 6 OF 8 W/10X SCOPE

JJM

Scope # 88-0382

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

02/13/97

02/13/97

C6225402

700

7.62

NATO

ACCESSORIES

W/STUDS

W/SWIVELS

FROM:

SHIP TO:

DEPT OF THE ARMY
COMMANDER ATTN SFC BARTON
2ND BN 10TH SFG (A)
FT CARSON

CO 80913

DEPT OF THE ARMY
COMMANDER ATTN SFC BARTON
2ND BN 10TH SFG (A)
FT CARSON

CO 80913

CUST NO: 162097 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

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

W53 H097077 #245

PARTS

COMMENTS

Barrel
Stock
Mag Spring96003
96018
15677Repowder Coat Trigger
Guard Assy Front + Rear
Sight BasesRe Zinc Scope Base, Rings,
Swivels & Swivel StudsScope Sent Back To Factory
for inspect.

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 11/95

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0060098 60137

Final Inspection

Sn: C622540 2

DATE REC'D: 2/13/87

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

21 DAY TURN - AROUND

Barre /
or
Stock

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225402

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #	OP. NAME
550	DIS-ASSEMBLE GUN
560 A	RE-BARREL AT CUSTOM SHOP
B	DRILL & TAP
C	POLISH
575	ASSEMBLE
600	PROOF
605	CHECK HEADSPACE
610	DIS-ASSEMBLE
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
655	FINAL INSPECT
660	PACK

3/17/97

Rie

3/13/97

3/17/97

Rie
Rie

QAR INSPECTION

SHIP DATE

BARBER - M24 0060101

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225402
21 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0248
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0166
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0298429

THE AMR FOR THIS RIFLE IS: .9512

CENTROIDAL DISTANCES

Ø TO	1	.407305
1 TO	2	.939598
1 TO	3	.589103
1 TO	4	.472
1 TO	5	.358297

34 1 <----POA
5

2

PATTERN #: 010

POA TO CENTROID: .407

MIN RADIUS : .254

MEAN RADIUS : .911

MAX RADIUS : 1.968

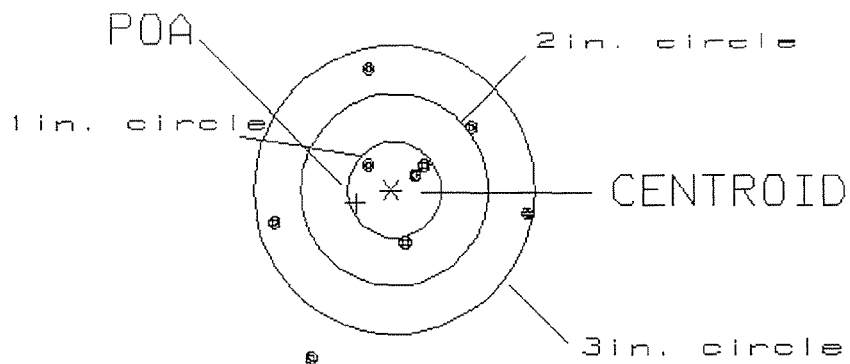
CENTROID X : .381

CENTROID Y : .144

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225402

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.72

4

VS= 3.08

5

GS= 3.13

9

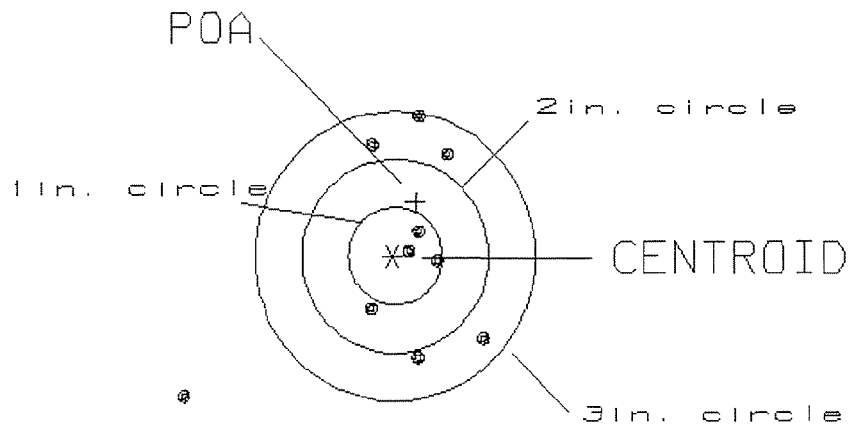
PATTERN #: 2

POA TO CENTROID: .607
MIN RADIUS : .142
MEAN RADIUS : 1.033
MAX RADIUS : 2.659
CENTROID X : -.248
CENTROID Y : -.554

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225402

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.11
VS= 2.89
GS= 3.80

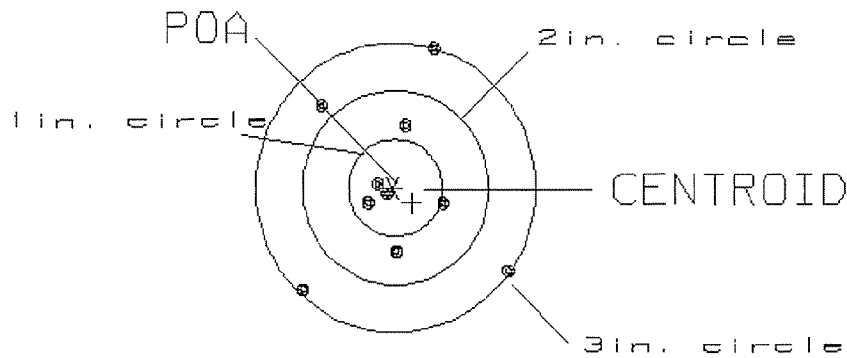
3
4
9

PATTERN #: $\square 3 \triangle$
 POA TO CENTROID: .259
 MIN RADIUS : .084
 MEAN RADIUS : .792
 MAX RADIUS : 1.520
 CENTROID X : -.208
 CENTROID Y : .155

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225402

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.22
 VS= 2.44
 GS= 2.80

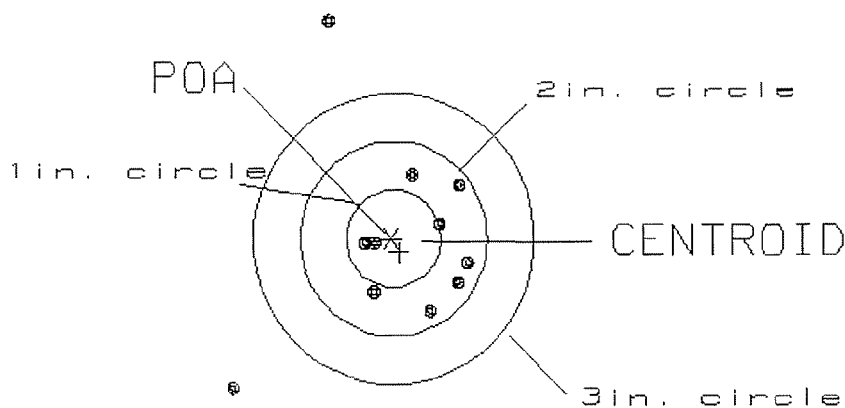
3
 6
 9

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .170
 MIN RADIUS : .256
 MEAN RADIUS : .957
 MAX RADIUS : 2.377
 CENTROID X : -.091
 CENTROID Y : .144

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225402

CENTERFIRE PATTERN # 4



OF SHOTS= 11

IN CIRCLE

HS= 2.52

2

VS= 3.85

9

GS= 3.98

9

PATTERN #: 5

POA TO CENTROID: .050

MIN RADIUS : .373

MEAN RADIUS : 1.063

MAX RADIUS : 1.605

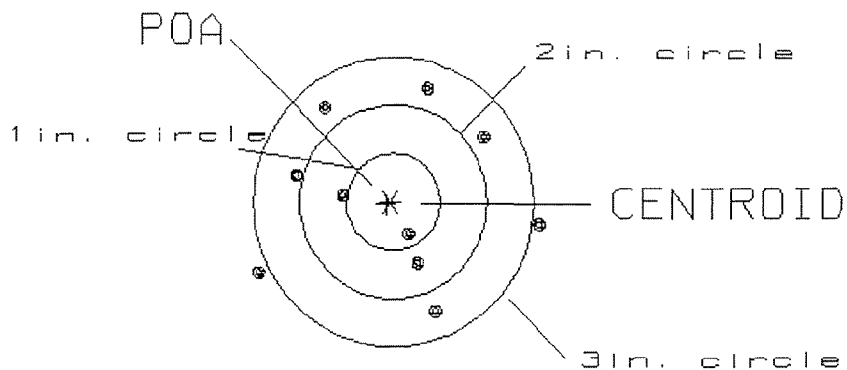
CENTROID X : .042

CENTROID Y : .028

17 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225402

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.01

1

VS= 2.32

3

GS= 3.04

6