

C6594665

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Model: 700



RE00042316

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594665.__0
FILE DATE AND TIME: 03/14/2002 02:49

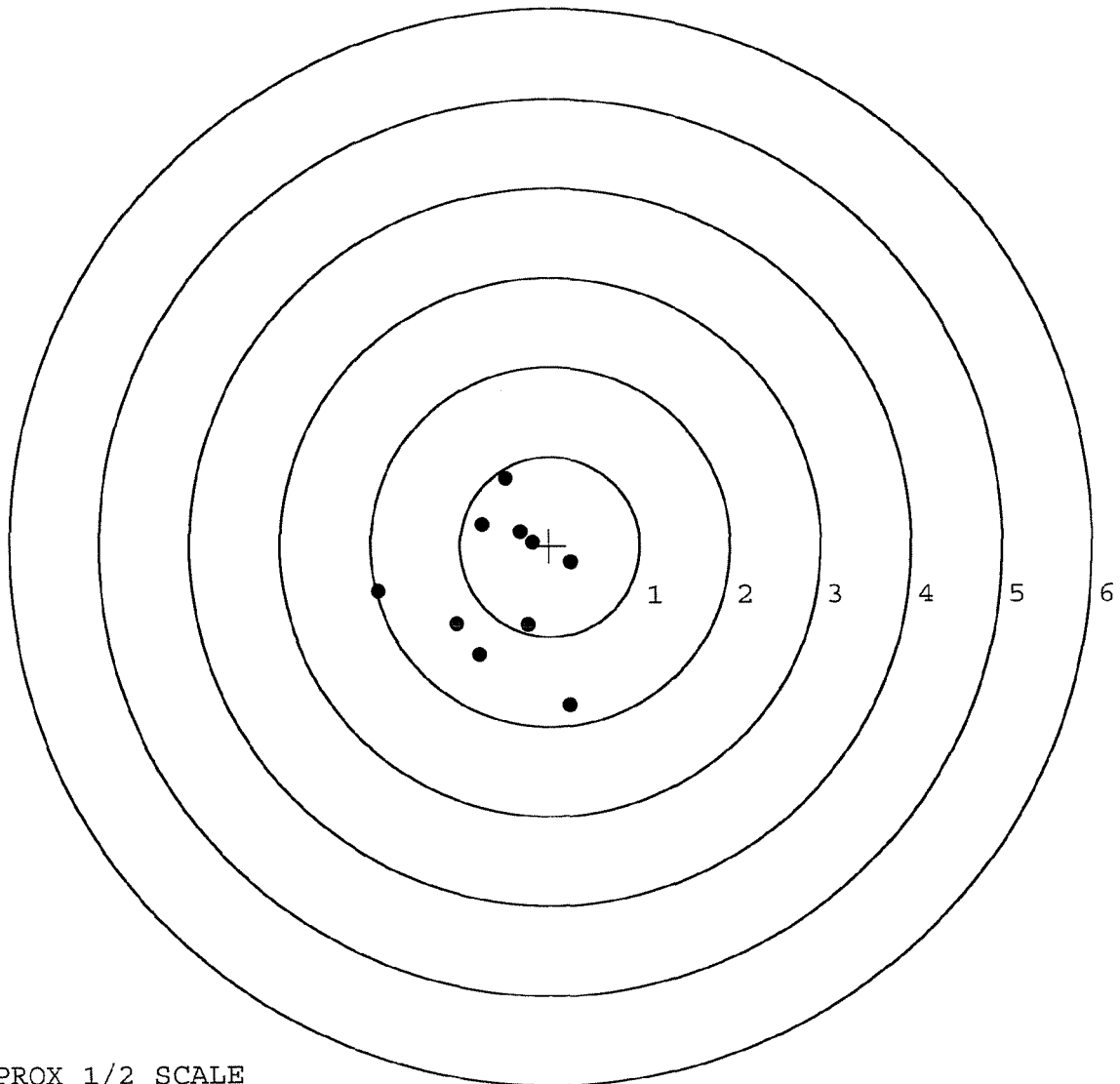
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.162
The Average Y Centroid of the Five Target Set:	-0.063
The Average Point of Impact of the Five Target Set:	0.174
The Average Mean Radius of the Five Target Set:	0.658
The Distance from POA to Centroid Target #1:	0.677
The Distance from Centroid Target #2 to Centroid Target #1:	0.675
The Distance from Centroid Target #3 to Centroid Target #1:	0.744
The Distance from Centroid Target #4 to Centroid Target #1:	0.647
The Distance from Centroid Target #5 to Centroid Target #1:	0.555

SERIAL NUMBER: C6594665. __0
 TARGET NUMBER: 1
 FILE DATE: 03/14/2002
 FILE TIME: 02:49

POINT#	X	Y
1:	-0.490	0.758
2:	-0.755	0.237
3:	-1.916	-0.508
4:	-0.327	0.156
5:	-0.192	0.039
6:	0.235	-0.181
7:	-1.044	-0.869
8:	-0.786	-1.205
9:	-0.251	-0.878
10:	0.225	-1.765

X CENTROID: -0.530
 Y CENTROID: -0.422
 POA TO CENTROID: 0.677
 HORZ SPREAD: 2.151
 VERT SPREAD: 2.523
 GROUP SPREAD: 2.622
 MIN RADIUS: 0.535
 MAX RADIUS: 1.541
 MEAN RADIUS: 0.883
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0021400

SERIAL NUMBER: C6594665. __0

TARGET NUMBER: 2

FILE DATE: 03/14/2002

FILE TIME: 02:49

POINT#	X	Y
1:	-0.160	1.283
2:	-0.798	0.206
3:	-0.141	0.510
4:	-0.369	0.394
5:	-0.135	0.337
6:	0.566	-0.045
7:	0.304	-0.040
8:	0.012	-0.289
9:	-0.952	-1.140
10:	-0.114	0.327

X CENTROID: -0.179

Y CENTROID: 0.154

POA TO CENTROID: 0.236

HORZ SPREAD: 1.518

VERT SPREAD: 2.423

GROUP SPREAD: 2.549

MIN RADIUS: 0.184

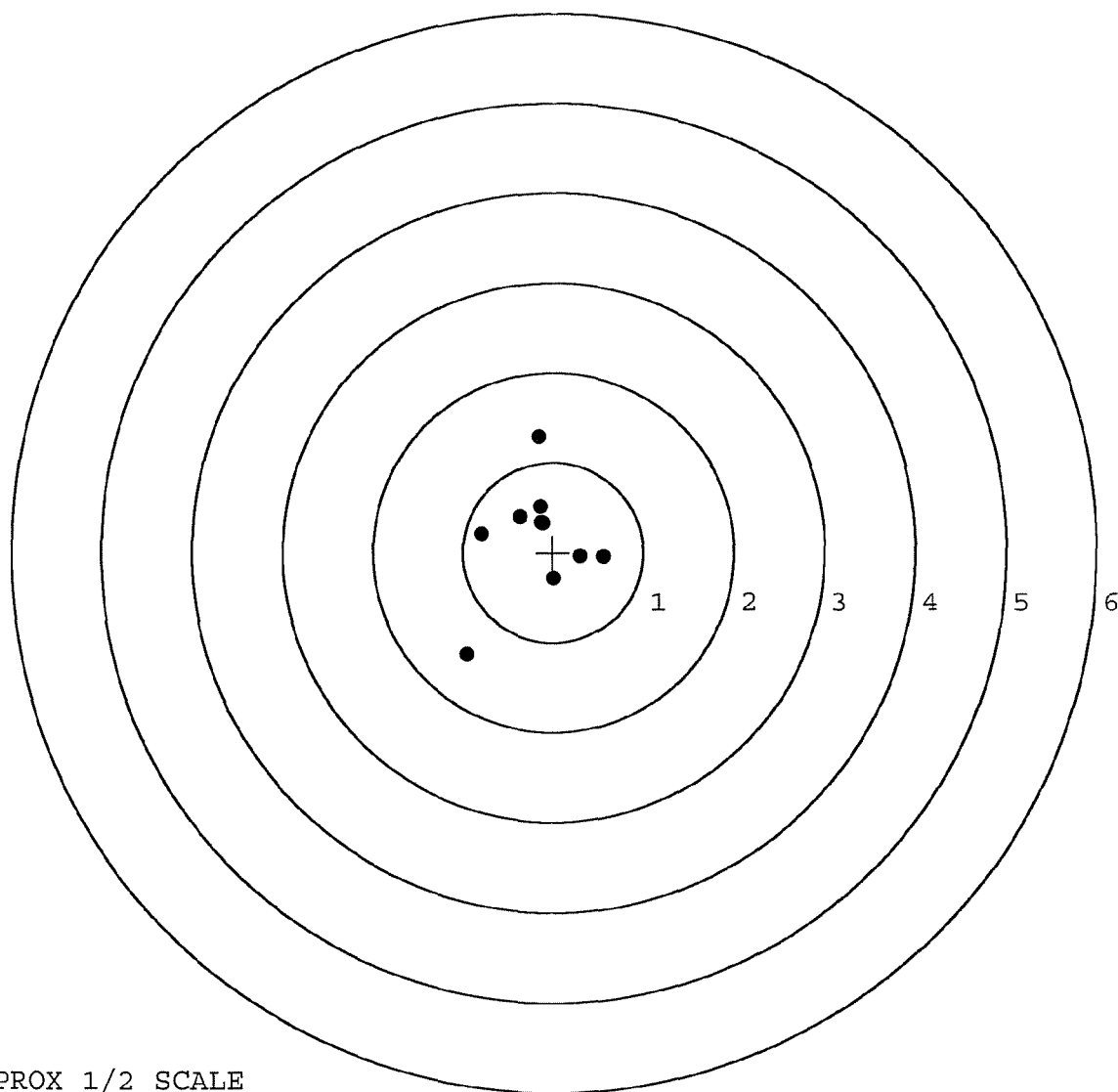
MAX RADIUS: 1.508

MEAN RADIUS: 0.607

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

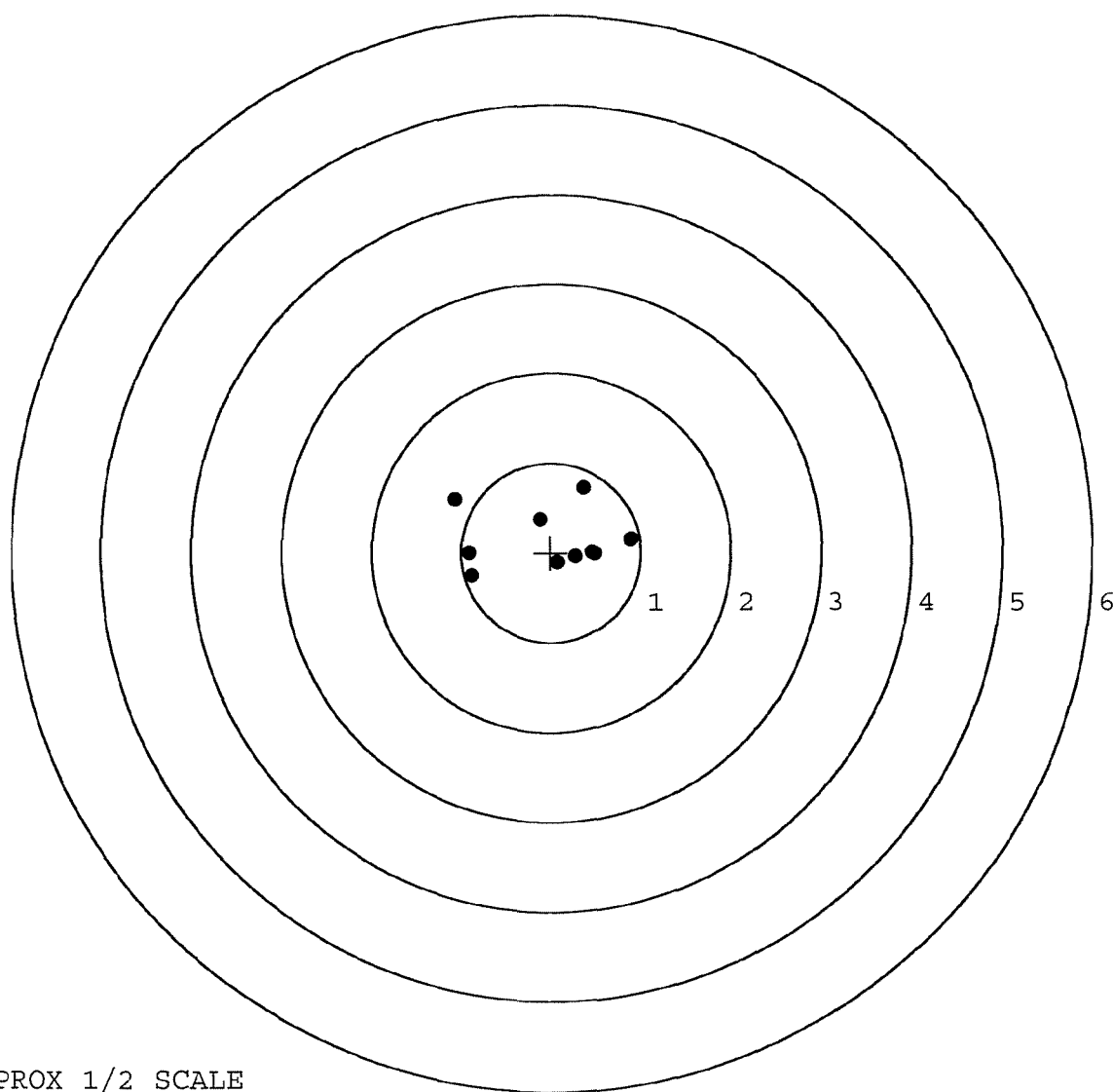
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0021401

SERIAL NUMBER: C6594665. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.361	0.722
FILE DATE: 03/14/2002	2:	-0.126	0.367
FILE TIME: 02:49	3:	-1.068	0.592
	4:	-0.913	-0.009
X CENTROID: -0.043	5:	-0.884	-0.260
Y CENTROID: 0.141	6:	0.893	0.158
POA TO CENTROID: 0.148	7:	0.465	0.008
HORZ SPREAD: 1.961	8:	0.279	-0.044
VERT SPREAD: 0.982	9:	0.074	-0.111
GROUP SPREAD: 2.008	10:	0.488	-0.012
MIN RADIUS: 0.241			
MAX RADIUS: 1.120			
MEAN RADIUS: 0.655			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



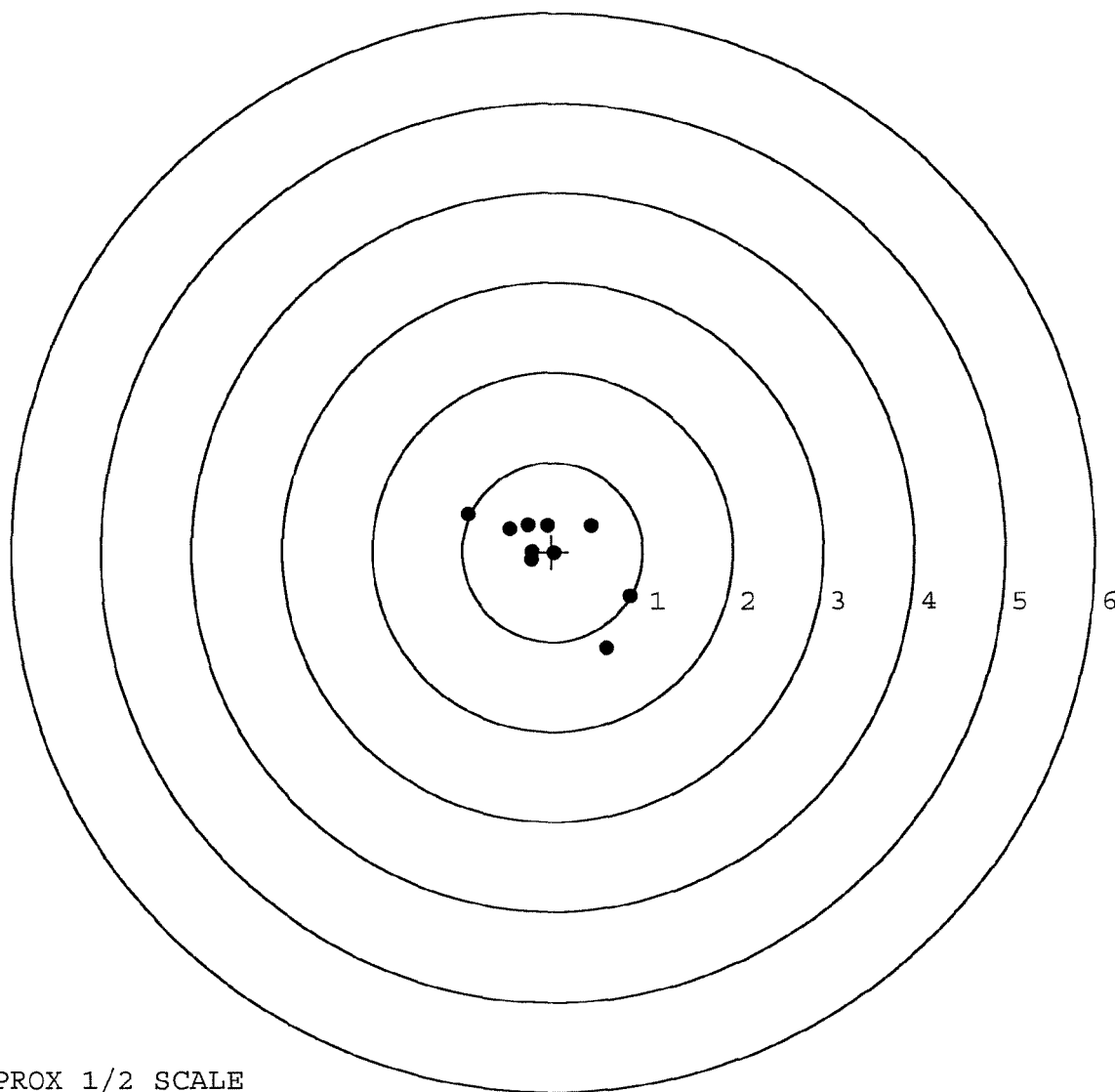
TARGET APPROX 1/2 SCALE

BARBER - M24 0021402

SERIAL NUMBER: C6594665. __0
 TARGET NUMBER: 4
 FILE DATE: 03/14/2002
 FILE TIME: 02:49

POINT#	X	Y
1:	0.429	0.289
2:	0.866	-0.495
3:	0.601	-1.077
4:	-0.934	0.413
5:	-0.477	0.247
6:	-0.057	0.294
7:	-0.226	-0.006
8:	0.024	-0.018
9:	-0.229	-0.088
10:	-0.278	0.299

X CENTROID: -0.028
 Y CENTROID: -0.014
 POA TO CENTROID: 0.031
 HORZ SPREAD: 1.800
 VERT SPREAD: 1.490
 GROUP SPREAD: 2.139
 MIN RADIUS: 0.052
 MAX RADIUS: 1.235
 MEAN RADIUS: 0.549
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



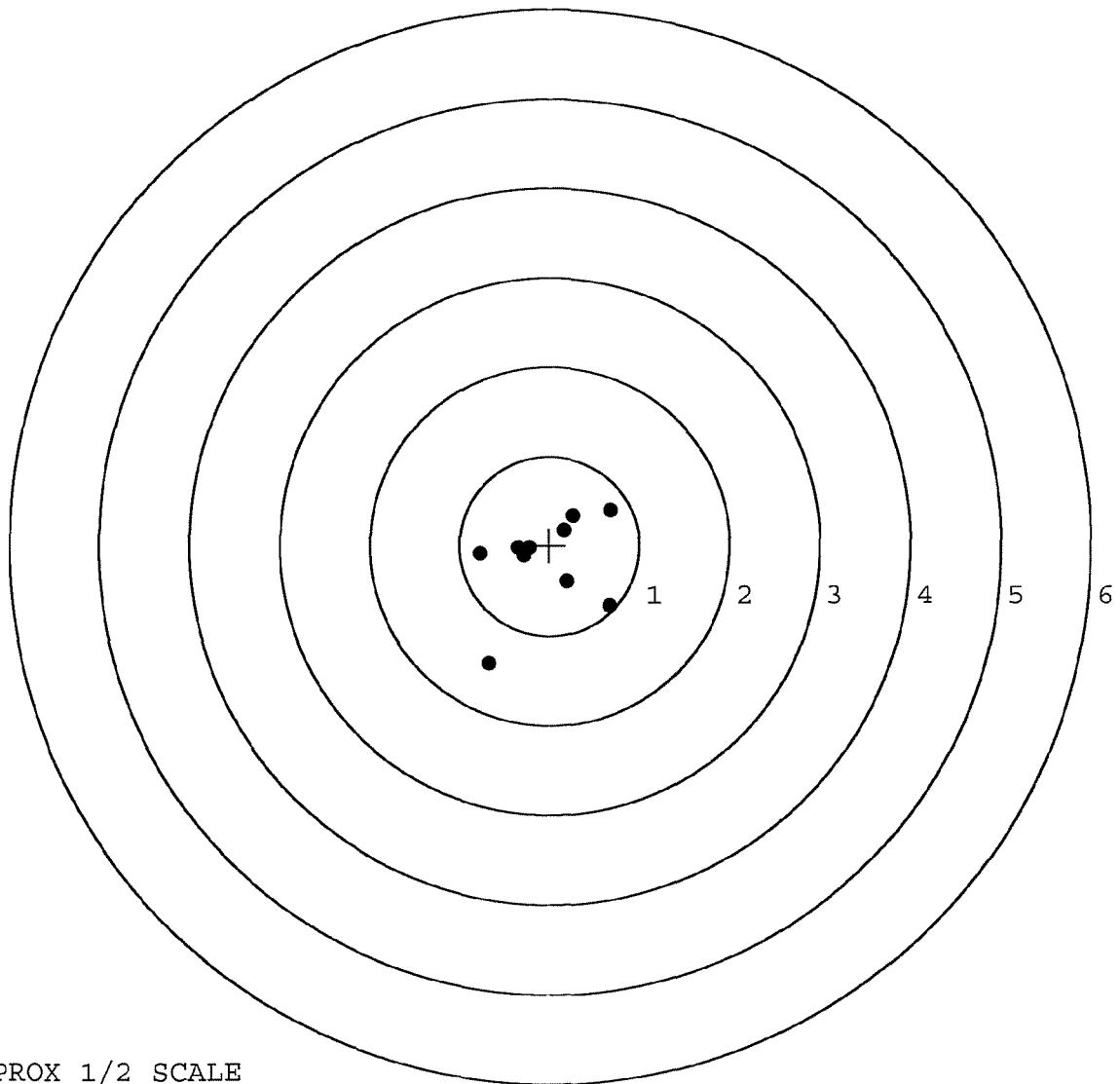
TARGET APPROX 1/2 SCALE

BARBER - M24 0021403

SERIAL NUMBER: C6594665. __0
 TARGET NUMBER: 5
 FILE DATE: 03/14/2002
 FILE TIME: 02:49

POINT#	X	Y
1:	0.674	0.394
2:	0.196	-0.404
3:	0.670	-0.673
4:	-0.670	-1.318
5:	-0.768	-0.094
6:	-0.281	-0.117
7:	-0.344	-0.031
8:	0.165	0.173
9:	0.263	0.338
10:	-0.225	-0.033

X CENTROID: -0.032
 Y CENTROID: -0.177
 POA TO CENTROID: 0.179
 HORZ SPREAD: 1.442
 VERT SPREAD: 1.712
 GROUP SPREAD: 2.177
 MIN RADIUS: 0.241
 MAX RADIUS: 1.308
 MEAN RADIUS: 0.597
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 42314			
SERIAL NUMBER C659 4665			
LOG-IN DATE 2/26/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/1/02	RHR
560 A	RE-BARREL AT CUSTOM SHOP	3/5/02	RHR
B	DRILL AND TAP	3/5/02	RHR
C	POLISH		
575	ASSEMBLE	3/6/02	RHR
600	PROOF	3-6-02	MAGNAFLUX
605	CHECK HEADSPACE	3-6-02	INSPECTED
610	DIS-ASSEMBLE GUN	3/6/02	MAR 2002
612	MAGNAFLUX		OPERATOR AL
615	ROLLMARK CALIBER	3/7/02	TRW
618	ROTO-BLAST	3/8	Jo
620	APPLY COATINGS	3-8	JA
625 A	FINAL ASSEMBLY	3/13/02	147
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-14-02	TRW
655	FINAL INSPECT	3-14-02	Ru
660	PACK	3-15-02	DA
		SHIP DATE	
QAR INSPECTION DATE			

C-6594665

Scope S/N 88-1198

Repair Inquiry

Repair Number: **RE00000737** Serial: C6594665 Model 700 Center Fire Caliber 7.62 SWS M-24 30F18 Repairman: Status: New 12/15/99 11:20:22 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **XVIII AIRBORNE CORPS AND FORT BRAGG** **XVIII AIRBORNE CORPS AND FORT BRAGG**

Address 2: **BUILDING J-2050** **BUILDING J-2050** PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Poor**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1
Z		

Repair Search **Refresh** **Close**

BBL 96003
 BOIT 96005

Repair Order Number



Repair Order Numbe RE00000737	Description/Serial C6594665	Repairman - Date Received 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 7.62 SWS M-24, 3OF18	Estimate Date
		Current Date - 12/16/1999
<u>Customer</u> TRANSPORTATION OFFICER XVIII AIRBORNE CORPS AND FORT B BUILDING J-2050 FORT BRAGG NC 28310 US		<u>Return To</u> TRANSPORTATION OFFICER XVIII AIRBORNE CORPS AND FORT BUILDING J-2050 FORT BRAGG NC 28310 US
Phone (H) Phone (W)		Fax Email

Problems	
<u>Reported</u>	<u>Found</u>

Repair		<u>Quantity</u>	<u>Quantity</u>	<u>Quantity</u>	<u>Warranty</u>
<u>Material #</u>	<u>MaterialDesc</u>	<u>Needed</u>	<u>From</u>	<u>From</u>	<u>(Y/N)</u>
Total:					

Serial Number: C6594665

Model ID: 700



RE00000737

Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

BARBER - M24 0021407

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6534665

4 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2404

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1626

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .290226

THE AMR FOR THIS RIFLE IS: 1.019

CENTROIDAL DISTANCES

0 TO	1	.120785
1 TO	2	.507159
1 TO	3	.733038
1 TO	4	.252103
1 TO	5	.167586

3 4
5⁺ <----POA
2

BARBER - M24 0021408

REMINGTON CENTERFIRE ACCURACY TEST

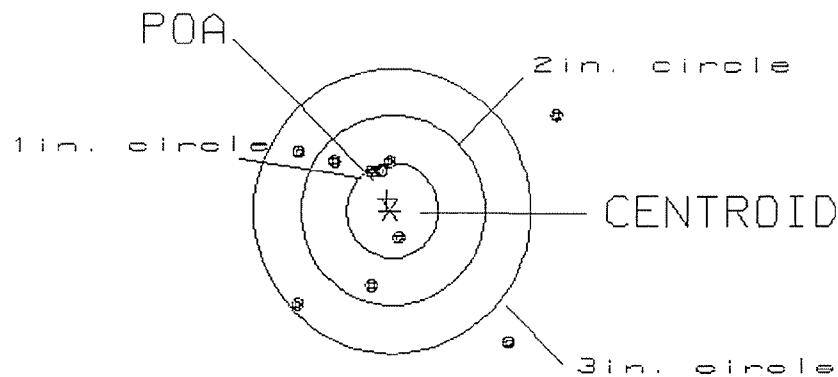
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .120
MIN RADIUS : .269
MEAN RADIUS : .983
MAX RADIUS : 2.054
CENTROID X : .030
CENTROID Y : -.117

4 Apr 2000

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6534665

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.84

3

US= 2.44

6

GS= 3.50

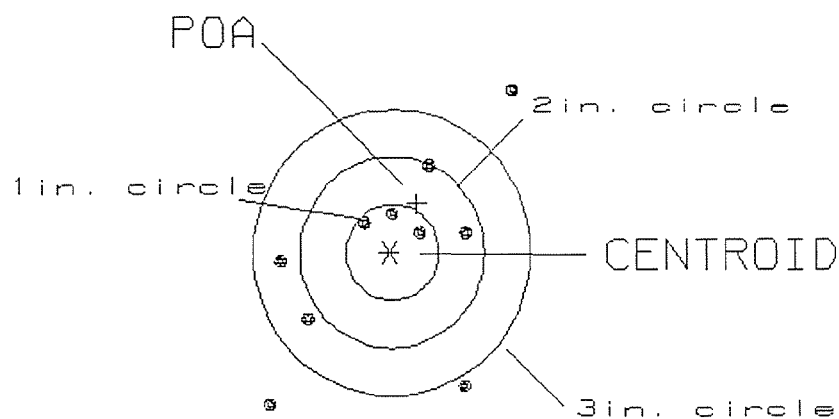
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .586
 MIN RADIUS : .372
 MEAN RADIUS : 1.113
 MAX RADIUS : 2.176
 CENTROID X : -.293
 CENTROID Y : -.508

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6534665

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.61

3

VS= 3.30

5

GS= 4.21

7

BARBER - M24 0021410

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .719

MIN RADIUS : .272

MEAN RADIUS : 1.172

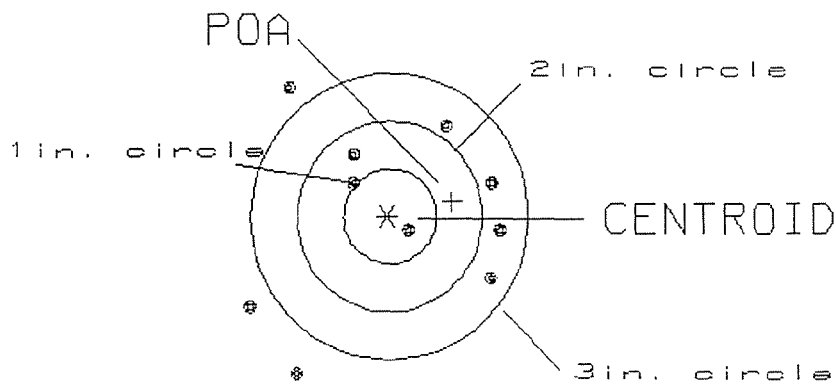
MAX RADIUS : 1.884

CENTROID X : -.702

CENTROID Y : -.156

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6534665

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.74

1

VS= 2.99

3

GS= 2.99

7

BARBER - M24 0021411

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .140

MIN RADIUS : .270

MEAN RADIUS : .913

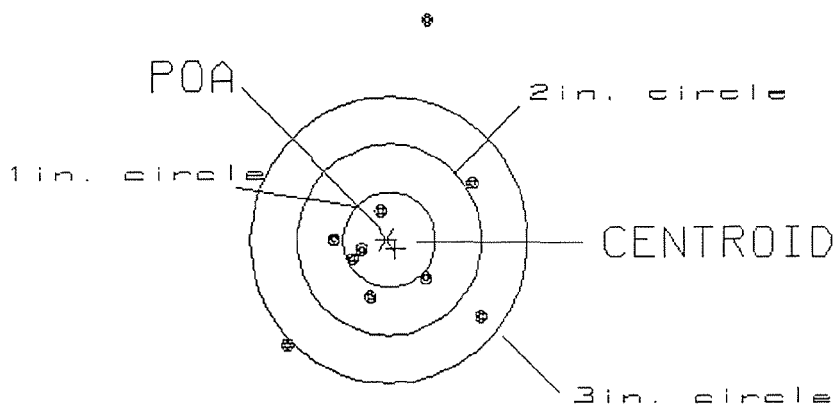
MAX RADIUS : 2.324

CENTROID X : -.100

CENTROID Y : .099

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6534665

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 2.15

3

VS= 3.36

6

GS= 3.67

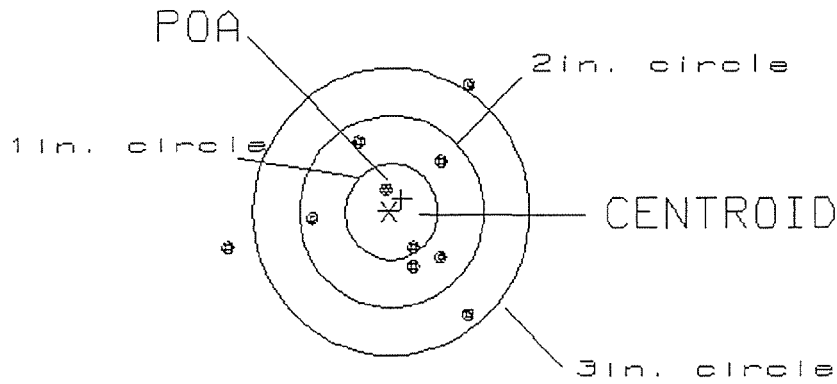
8

PATTERN #: 5
 POA TO CENTROID: .189
 MIN RADIUS : .247
 MEAN RADIUS : .916
 MAX RADIUS : 1.754
 CENTROID X : -.137
 CENTROID Y : -.131

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6534665

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.56

2

VS= 2.44

7

GS= 3.04

8

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6594665

LOG IN DATE: / /		DATE	INTT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12-24-99	Rw
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-12-00	Rw
605	CHECK HEADSPACE	1-12-00	Rw
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	4-3-00	Rw
655	FINAL INSPECT	4-10-00	Rw
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6594665

DATE REC'D: 12-12-99

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:

Remington®
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO.
C6594665

ORDER NO.
5716

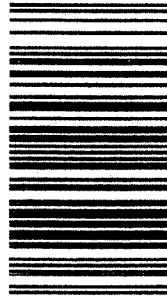
MADE IN ILLION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6594665

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594665

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/27/90	K.S.
600	Proof		12/27/90	K.S.
607	Check Headspace		12/27/90	K.S.
610	Dis-assemble Gun		12/27/90	K.S.
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		1-7-91	KR
615	Rollmark Caliber		1-7-91	GL
617	Drill and Tap Sight Holes	1	10 91	LB
618	Polish Barrel	1	10 91	W/C
620	Apply Coatings (Barrel Action)		1-8-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/6/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/6/91	KA
	C) Inspect Ejector Hole for Chamfer		2/4/91	KA
	D) Oil Firing Pin Ass'y		2/6/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/7/91	KA

BARBER - M24 0021417

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			2/7/91	WB
	G) Safety Off Force	3	3	3			2/7/91	WB
	H) Trigger Pull Test & Retainability						2/7/91	WJ
	I) Firing Pin Indent	.0217	.0212	.0215			2/7/91	WB
	J) Assemble Stock						2/8/91	KA
	K) Assemble Swivel Studs						2-26-91	K
	L) Attach Front and Rear Sight Assemblies						2/8/91	KA
	M) Iron Sight Alignment						2/8/91	KA
	N) Detach Front & Rear Sights & place in numbered container						2/8/91	KA
	O) Attach Scope to Rifle						2/8/91	KA
	P) Detach & Attach Scope 20 Times						2/8/91	KA
640	Gallery Target & Test						2/8/91	KA
	A) Time						"	KA
	B) Malfunctions						"	KA
	C) Pierced Primers						"	KA
	D) Optical Clarity of Scope						"	KA
645	Inspect for Live Ammo						2/8/91	KA
655	Final Inspection						2-26-91	KA
	A) Headspace							
	B) Trigger Pull	2.27	2.20	2.13	2.16	2.18	2/25/91	WJ
	C) Function						2-26-91	AC
660	Pack						3-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594665DATE 2-7-91TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.47	2.42	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.39	2.39	2.20	
PULL #3	2.19	2.44	2.39	2.13	
PULL #4	2.40	2.45	2.31	2.16	
PULL #5	2.19	2.44	2.37	2.18	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	2.25		
PULL #2	3.51	3.21		
PULL #3	3.42	3.18		
PULL #4	3.42	3.20		
PULL #5	3.44	2.25		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.36		4.14
PULL #2	4.42	4.38		4.21
PULL #3	4.39	4.38		4.20
PULL #4	4.43	4.38		4.21
PULL #5	4.37	4.39		4.20
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594665
9 Feb 1991

CENTROIDAL DISTANCES

0 TO	1	.513264
1 TO	2	.234327
1 TO	3	.378005
1 TO	4	.396894
1 TO	5	.518811

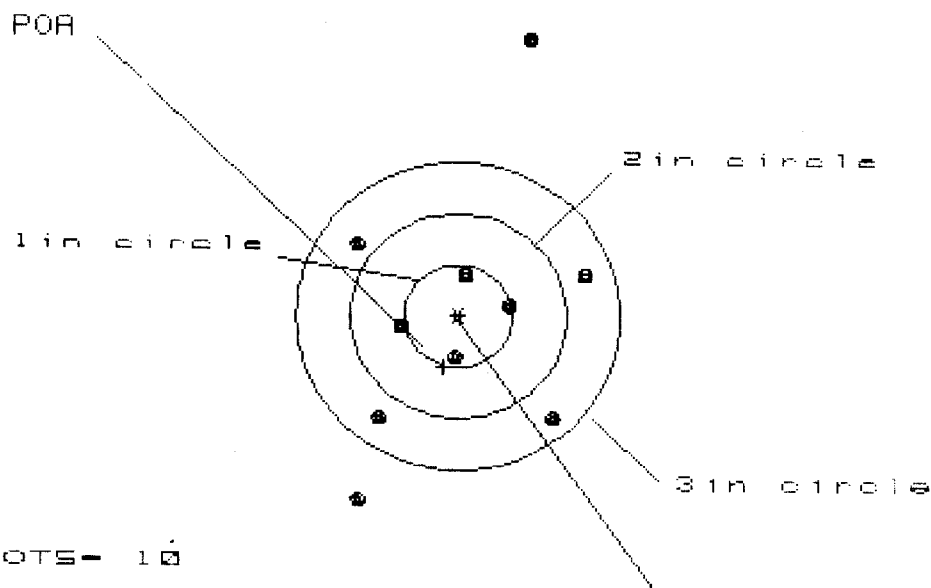
$\frac{12}{45}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .181
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .23
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .292679
THE AMR FOR THIS RIFLE IS: 1.028

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG594665

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 8

HS= 2.175

VS= 4.459

GS= 4.757

CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.201	1.277	1.165
MINIMUM X	:	-.974	-.898	-.962
MAXIMUM Y	:	2.712	.989	.808
MINIMUM Y	:	-1.747	-1.446	-.922
CENTROID X	:	.132	.056	.168
CENTROID Y	:	.496	.195	.376
POR TO CENTROID in.	:	.514	.203	.412
MIN RADIUS	:	.401	.120	.320
MEAN RADIUS	:	1.165	.957	.853
MAX RADIUS	:	2.796	1.702	1.298
HORIZONTAL SPREAD	:	2.175	2.175	2.127
VERTICAL SPREAD	:	4.459	2.435	1.730

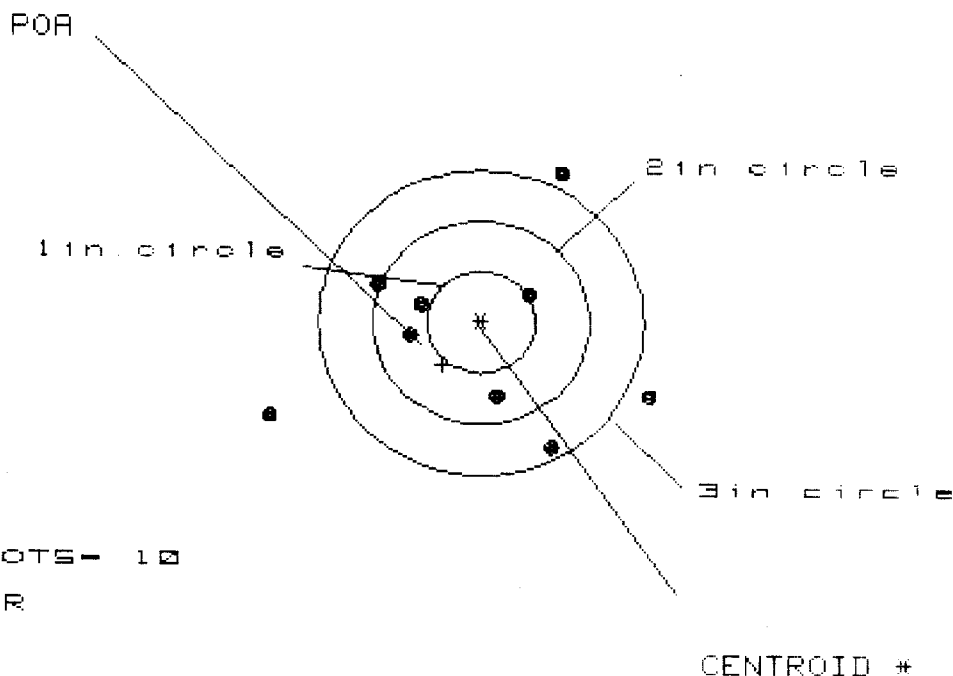
BARBER - M24 0021421

EXTREME	SPREAD :	4.757	3.093	2.462
NUMBER IN ONE	INCH CIRCLE	=	3	
NUMBER IN TWO	INCH CIRCLE	=	4	
NUMBER IN THREE	INCH CIRCLE	=	8	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594665

CENTERFIRE PATTERNS # 2



* OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS = 3.501

VS = 2.726

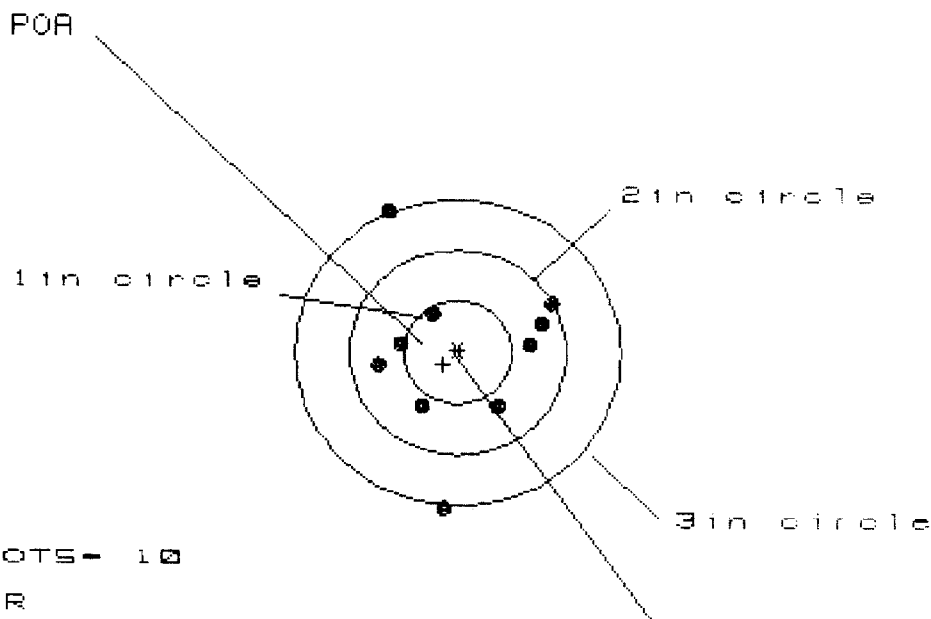
GS = 3.612

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.510	1.289	.682
MINIMUM X	:	-1.991	-1.201	-1.040
MAXIMUM Y	:	1.459	1.359	1.256
MINIMUM Y	:	-1.267	-1.367	-1.470
CENTROID X	:	.354	.575	.414
CENTROID Y	:	.421	.521	.624
POA TO CENTROID in.	:	.550	.776	.749
MIN RADIUS	:	.551	.311	.421
MEAN RADIUS	:	1.225	1.113	1.043
MAX RADIUS	:	2.186	1.529	1.571
HORIZONTAL SPREAD	:	3.501	2.490	1.722
VERTICAL SPREAD	:	2.726	2.726	2.726
EXTREME SPREAD	:	3.612	2.736	2.729
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	6		

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594665

CENTERFIRE PATTERNS # 3



* OF SHOTS - 10

IN CIR

1in = 1

2in = 8

3in = 8

HS= 1.590

VS= 2.909

GS= 2.954

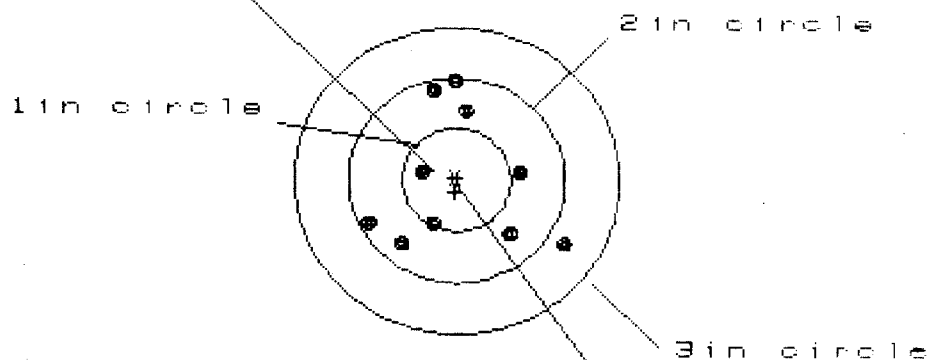
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.861	.847	.766
MINIMUM X	:	-.729	-.743	-.824
MAXIMUM Y	:	1.375	1.205	.464
MINIMUM Y	:	-1.534	-.723	-.573
CENTROID X	:	.134	.148	.229
CENTROID Y	:	.118	.288	.138
POA TO CENTROID in.	:	.178	.324	.267
MIN RADIUS	:	.465	.336	.502
MEAN RADIUS	:	.863	.780	.695
MAX RADIUS	:	1.539	1.370	.896
HORIZONTAL SPREAD	:	1.590	1.590	1.590
VERTICAL SPREAD	:	2.909	1.928	1.037
EXTREME SPREAD	:	2.954	2.177	1.695
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		8	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594665

CENTERFIRE PATTERNS # 4

POA



OF SHOTS - 10

IN CIR

1in - 2

2in - 9

3in - 10

HS - 1.869

VS - 1.604

GS - 1.958

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.027	.677	.586
MINIMUM X	-.842	-.728	-.472
MAXIMUM Y	.954	.882	.816
MINIMUM Y	-.650	-.655	-.721
CENTROID X	.011	-.103	-.012
CENTROID Y	.118	.190	.256
POA TO CENTROID in.	.119	.216	.257
MIN RADIUS	.373	.246	.336
MEAN RADIUS	.754	.689	.661
MAX RADIUS	1.215	.900	.862
HORIZONTAL SPREAD	1.869	1.405	1.058
VERTICAL SPREAD	1.604	1.537	1.537
EXTREME SPREAD	1.958	1.650	1.619
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

9 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6534665

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

+ OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 10

HS= 2.507

VS= 2.175

GS= 2.672

CENTROID +

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.253	1.122	1.015
MINIMUM X	-1.254	-1.385	-1.492
MAXIMUM Y	1.266	1.165	1.053
MINIMUM Y	-.909	-.976	-.800
CENTROID X	.274	.405	.512
CENTROID Y	-.003	.098	-.040
POR TO CENTROID in.	.274	.417	.515
MIN RADIUS	.715	.700	.815
MEAN RADIUS	1.131	1.083	1.021
MAX RADIUS	1.487	1.447	1.493
HORIZONTAL SPREAD	2.507	2.507	2.507
VERTICAL SPREAD	2.175	2.141	2.087
EXTREME SPREAD	2.672	2.543	2.516
NUMBER IN ONE INCH CIRCLE	= 0		
NUMBER IN TWO INCH CIRCLE	= 3		
NUMBER IN THREE INCH CIRCLE	= 10		

RECEIPT BARBER - M24 0021465 REPORT

COMMENTS

ORDER

R 94-18753

INITIAL JJM	CUSTOMER ORDER NO. DAAA09-92-C-0834		W/10X SCOPE M-24 SNIPER W/DEPLOYMENT KIT ATTN FRED MARTIN			SCOPE 90-0380	
DATE RECEIVED 06/14/94	DATE OPENED 06/15/94	DATE CODE	SERIAL NUMBER C6594665	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO		
ACCESSORIES HARD CASE SCOPE MNTS SCOPE BASE SLING STRAP							

FROM:

SHIP TO:

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

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

AL 36201-5025

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			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 \$175.31	
CTV 50.00	
<u>\$225.31</u>	
REPAIRMAN	PROOF
GALLERY TESTER	DATE
BB	12-11-95
CLEAN	TEST
TARGET	PATTERN

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0021465

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

SERIAL NO. C6594665DATE 11-6-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.69	2.70	2.66		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.73	2.76	2.41		
PULL #3	2.76	2.74	2.69		
PULL #4	2.83	2.74	2.69		
PULL #5	2.78	2.72	2.69		
TOTAL	13.79	13.66	13.14		
AVG.	2.75	2.73	2.62		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.04		
PULL #2	3.05	2.88		
PULL #3	3.13	3.03		
PULL #4	2.80	2.98		
PULL #5	3.05	3.00		
TOTAL	15.21	14.93		
AVG.	3.04	2.98		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.39		4.07
PULL #2	4.21	4.18		4.00
PULL #3	4.34	4.22		4.00
PULL #4	4.24	4.21		4.01
PULL #5	4.27	4.14		4.00
TOTAL	21.32	21.14		20.09
AVG.	4.26	4.22		4.01

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C-6594665

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 0021429

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.5	4.5	4.5			12-13-95	DA
	G) Safety Off Force	3.25	4.0	3.75			12-13-95	DA
	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	2.82	2.75	2.69	2.69	2.65	12-13-95	DA
	C) Function							
660	Pack							