

C6225422

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington.

Repair Inquiry
Repair Number: **RE00144397**Serial: C6225422 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/14/2008 1:18:14 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **BROCK BUDDLES****BROCK BUDDLES**Address 1: **C CO 1ST BN****C CO 1ST BN**Address 2: **7TH SFG (A)**

PO Box:

7TH SFG (A)

PO Box:

City: **FT. BRAGG****FT. 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: **NN**

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:
Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

4/14/2008

3:26 PM

NUM

Serial Number: **C6225422**
Model: **M24 SWS****RE00144397**

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-17-08	RTZ
505	RE-BARREL	4-22-08	RTZ
560	ASSEMBLE	4-22-08	RTZ
600	PROOF	4-22-08	TRW
605	CHECK HEADSPACE	4-22-08	TRW
610	DIS-ASSEMBLE GUN	4-22-08	RTZ
612	MAGNAFLUX	4-22-08	RTZ
510	DRILL AND TAP	4-22-08	TRW
615	ROLLMARK CALIBER	4-23-08	CW
618	ROTO-BLAST	4-24-08	DG
620	APPLY COATINGS	4-28-08	CW
625	FINAL ASSEMBLY	4-29-08	RTZ
640	FUNCTION TEST AND	5-5-08	RTZ
650	TARGET	5-5-08	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	5-5-08	RP
	A) HEADSPACE	5-7-08	RTZ
	B) TRIGGER PULL	2.53 2.53 2.37 2.49 2.54 5/7/08	Fm
	C) SAFETY ON FORCE	7 ⁰ 7 ⁰ 7 ⁰ 5-7-08	RTZ
	D) SAFETY OFF FORCE	3 ⁰ 27 ⁵ 3 ⁰ 5-7-08	RTZ
	E) FIRING PIN INDENT	021 021 021 5-7-08	RTZ
690	PACK	5/8/08	Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225422.___0
FILE DATE AND TIME: 05/06/2008 09:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

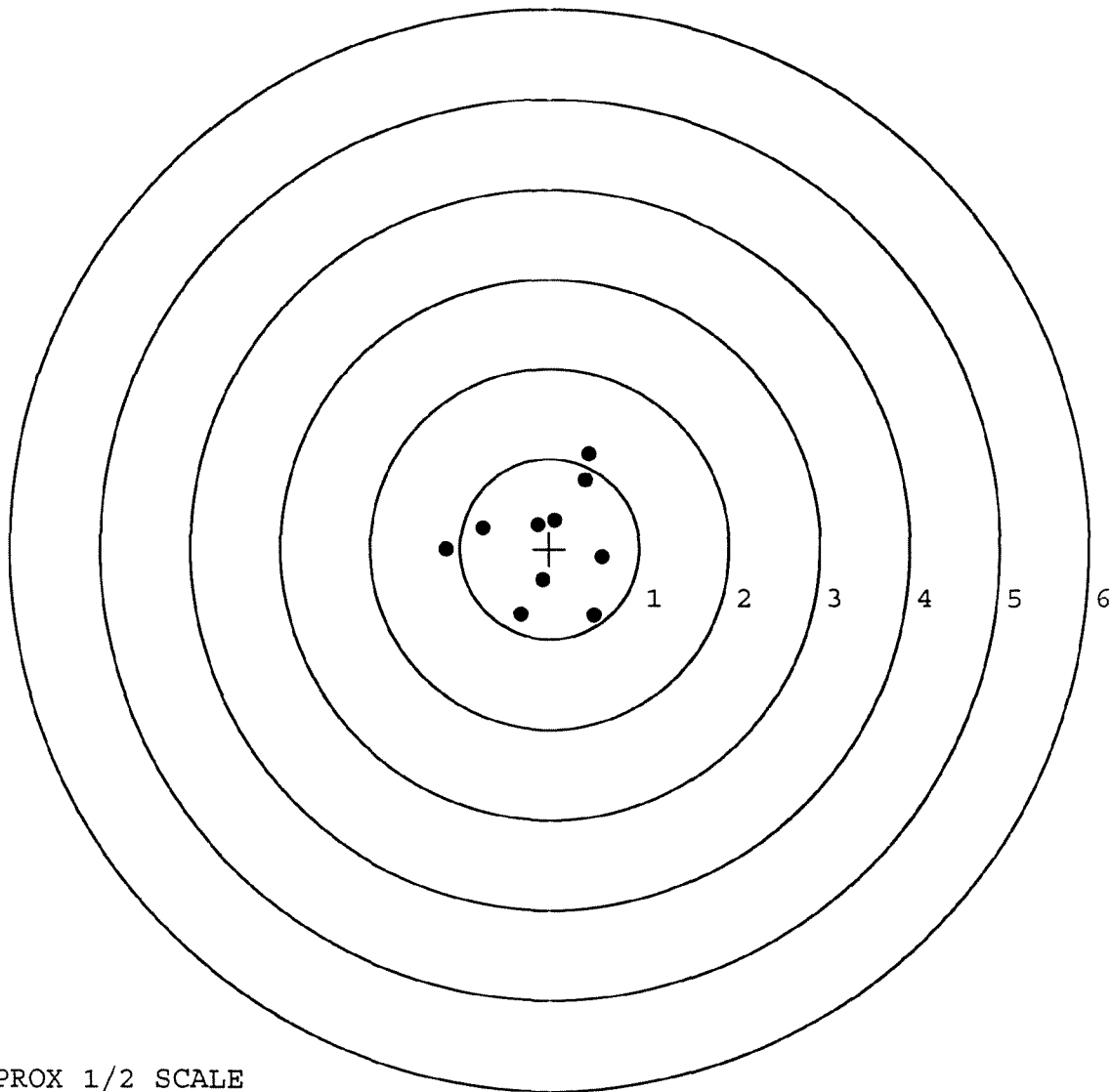
The Average X Centroid of the Five Target Set:	0.005
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.022
The Average Mean Radius of the Five Target Set:	0.646
The Distance from POA to Centroid Target #1:	0.082
The Distance from Centroid Target #2 to Centroid Target #1:	0.052
The Distance from Centroid Target #3 to Centroid Target #1:	0.260
The Distance from Centroid Target #4 to Centroid Target #1:	0.189
The Distance from Centroid Target #5 to Centroid Target #1:	0.091

BARBER - M24 0060502

SERIAL NUMBER: C6225422. __0
 TARGET NUMBER: 1
 FILE DATE: 05/06/2008
 FILE TIME: 09:23

POINT#	X	Y
1:	0.444	1.053
2:	0.400	0.763
3:	0.056	0.317
4:	-0.139	0.260
5:	-0.749	0.225
6:	-1.156	-0.014
7:	-0.322	-0.740
8:	-0.076	-0.347
9:	0.495	-0.741
10:	0.591	-0.098

X CENTROID: -0.046
 Y CENTROID: 0.068
 POA TO CENTROID: 0.082
 HORZ SPREAD: 1.747
 VERT SPREAD: 1.794
 GROUP SPREAD: 1.923
 MIN RADIUS: 0.214
 MAX RADIUS: 1.113
 MEAN RADIUS: 0.714
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



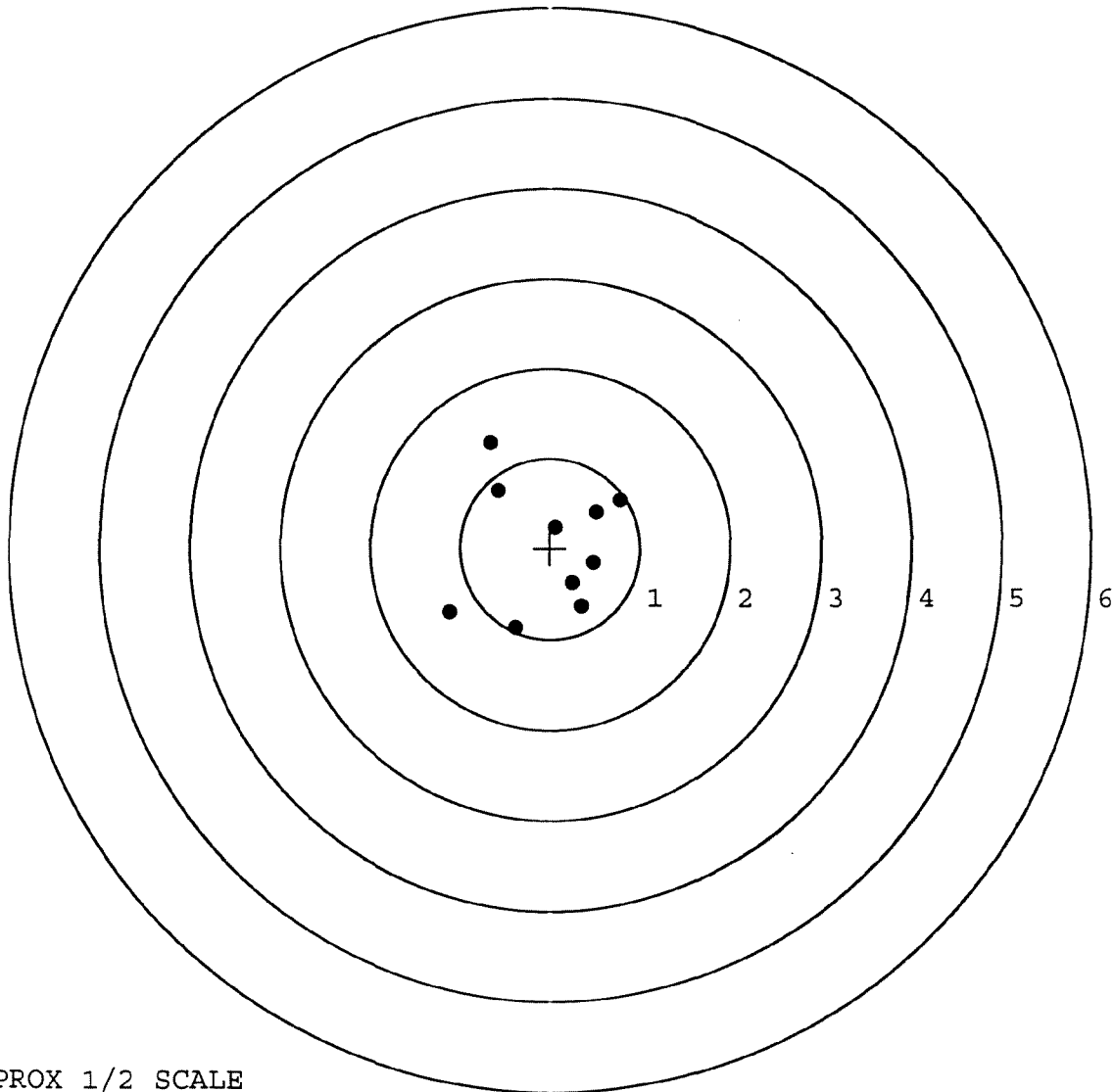
TARGET APPROX 1/2 SCALE

BARBER - M24 0060503

SERIAL NUMBER: C6225422. 0
 TARGET NUMBER: 2
 FILE DATE: 05/06/2008
 FILE TIME: 09:23

POINT#	X	Y
1:	-0.669	1.168
2:	-0.581	0.639
3:	-1.123	-0.713
4:	-0.393	-0.879
5:	0.780	0.528
6:	0.509	0.399
7:	0.062	0.232
8:	0.482	-0.164
9:	0.251	-0.392
10:	0.348	-0.643

X CENTROID: -0.033
 Y CENTROID: 0.017
 POA TO CENTROID: 0.038
 HORZ SPREAD: 1.903
 VERT SPREAD: 2.047
 GROUP SPREAD: 2.077
 MIN RADIUS: 0.235
 MAX RADIUS: 1.314
 MEAN RADIUS: 0.809
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225422. __0

TARGET NUMBER: 3

FILE DATE: 05/06/2008

FILE TIME: 09:23

POINT#	X	Y
1:	0.768	-1.167
2:	-0.394	-0.948
3:	0.751	-0.042
4:	0.399	-0.044
5:	0.200	0.672
6:	0.190	0.313
7:	-0.044	0.002
8:	-0.130	-0.357
9:	-0.359	-0.163
10:	-0.888	-0.004

X CENTROID: 0.049

Y CENTROID: -0.174

POA TO CENTROID: 0.181

HORZ SPREAD: 1.656

VERT SPREAD: 1.839

GROUP SPREAD: 2.024

MIN RADIUS: 0.199

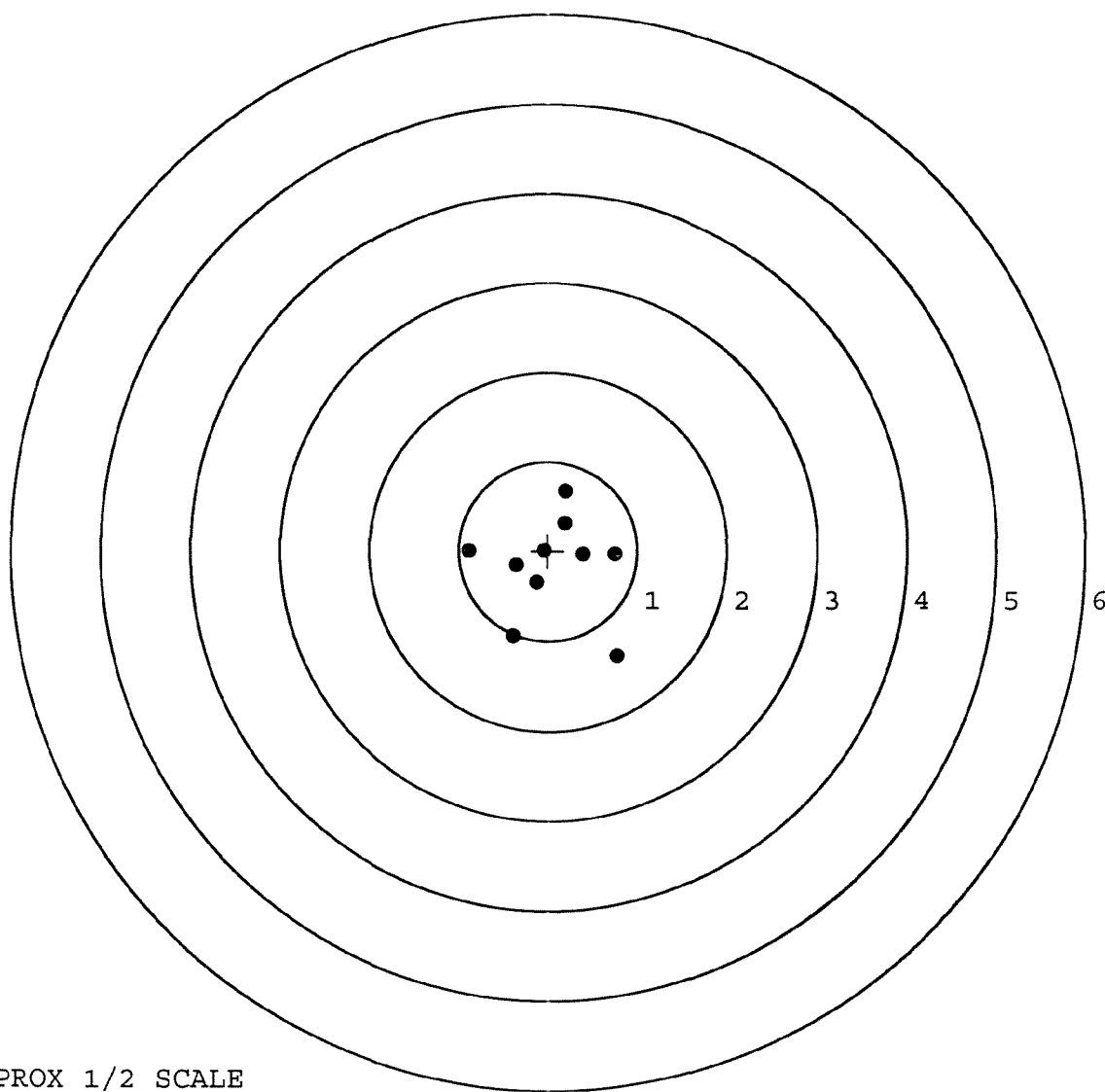
MAX RADIUS: 1.226

MEAN RADIUS: 0.639

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



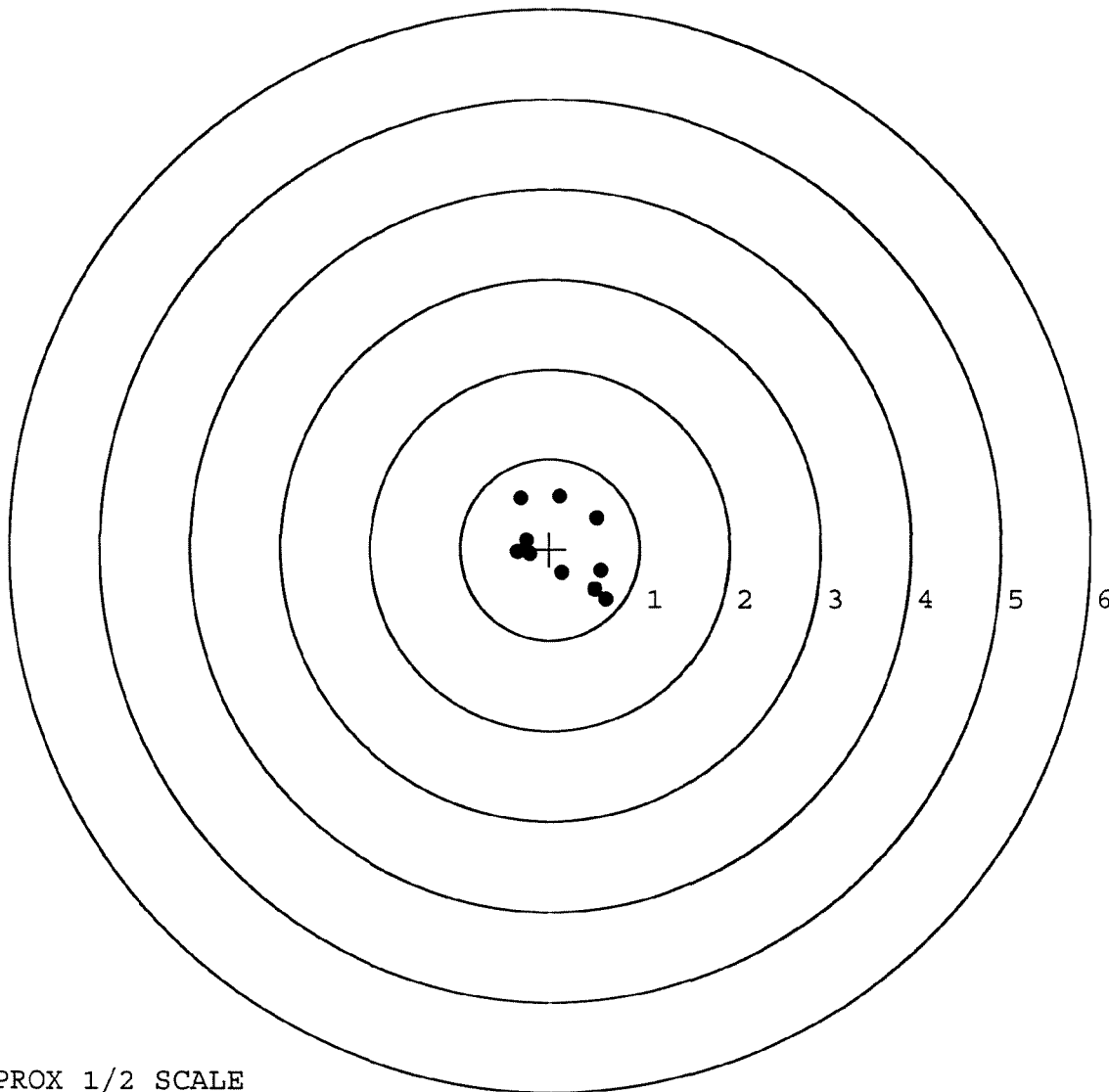
TARGET APPROX 1/2 SCALE

BARBER - M24 0060505

SERIAL NUMBER: C6225422. __0
 TARGET NUMBER: 4
 FILE DATE: 05/06/2008
 FILE TIME: 09:23

POINT#	X	Y
1:	0.623	-0.559
2:	0.504	-0.450
3:	0.572	-0.241
4:	0.526	0.343
5:	0.140	-0.262
6:	-0.261	0.099
7:	-0.360	-0.039
8:	0.112	0.581
9:	-0.330	0.562
10:	-0.223	-0.056

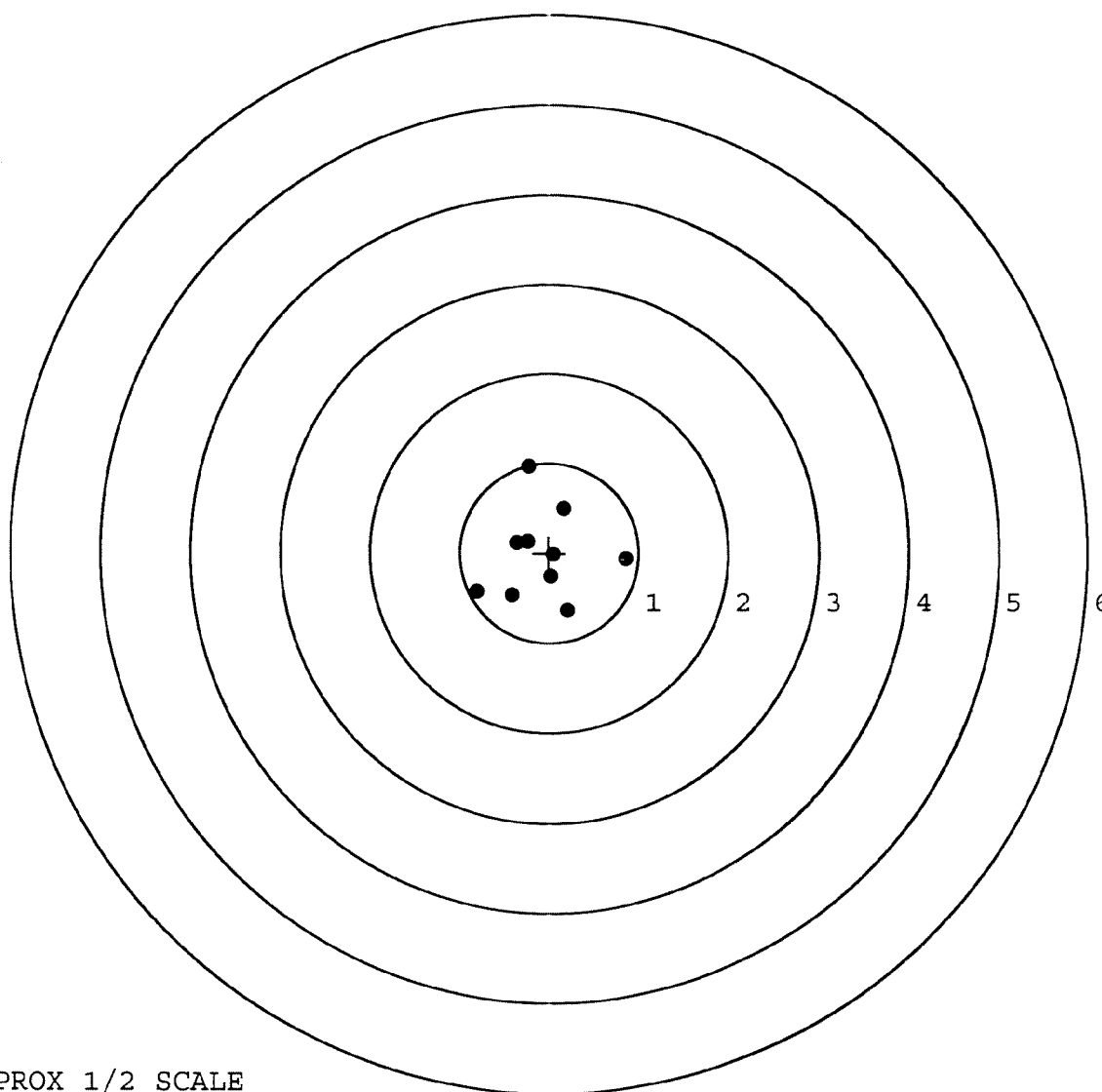
X CENTROID: 0.130
 Y CENTROID: -0.002
 POA TO CENTROID: 0.130
 HORZ SPREAD: 0.983
 VERT SPREAD: 1.140
 GROUP SPREAD: 1.471
 MIN RADIUS: 0.260
 MAX RADIUS: 0.743
 MEAN RADIUS: 0.518
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0060506

SERIAL NUMBER: C6225422. 0	POINT#	X	Y
TARGET NUMBER: 5	1:	-0.813	-0.427
FILE DATE: 05/06/2008	2:	-0.419	-0.471
FILE TIME: 09:23	3:	0.208	-0.644
	4:	0.855	-0.067
X CENTROID: -0.077	5:	0.023	-0.266
Y CENTROID: -0.018	6:	0.050	-0.016
POA TO CENTROID: 0.079	7:	-0.365	0.119
HORZ SPREAD: 1.668	8:	0.169	0.495
VERT SPREAD: 1.606	9:	-0.233	0.962
GROUP SPREAD: 1.665	10:	-0.240	0.133
MIN RADIUS: 0.127			
MAX RADIUS: 0.993			
MEAN RADIUS: 0.553			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: **RE00071430**Serial: C6225422 Model 700 Center Fire Caliber .7
62 NATO M24 SWS

Repairman:

Verify Repair

Status:

Closed 10/14/2003 1:06:21 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **COMMANDER HN SFGCAI****COMMANDER HN SFGCAI**Address 1: **ATTN ODA 715****ATTN ODA 715**Address 2: **SSG ROBLES**

PO Box:

SSG ROBLES

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

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1

Repair Search

Refresh

Close

nagleij

10/14/2003

1:22 PM

CAPS

NUM

INS

SCFL

Serial Number: **C6225422**Model: **700****RE00071430**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225422.___0
FILE DATE AND TIME: 10/30/2003 18:42

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.038
The Average Y Centroid of the Five Target Set:	-0.066
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.828
The Distance from POA to Centroid Target #1:	0.071
The Distance from Centroid Target #2 to Centroid Target #1:	0.080
The Distance from Centroid Target #3 to Centroid Target #1:	0.258
The Distance from Centroid Target #4 to Centroid Target #1:	0.156
The Distance from Centroid Target #5 to Centroid Target #1:	0.225

SERIAL NUMBER: C6225422. __0

TARGET NUMBER: 1

FILE DATE: 10/30/2003

FILE TIME: 18:42

POINT#	X	Y
1:	1.101	0.436
2:	0.717	0.870
3:	0.171	0.451
4:	0.377	-0.174
5:	-1.013	-0.539
6:	-0.773	-0.406
7:	-0.550	-0.689
8:	-0.481	0.161
9:	-0.141	0.039
10:	-0.075	-0.383

X CENTROID: -0.067

Y CENTROID: -0.023

POA TO CENTROID: 0.071

HORZ SPREAD: 2.114

VERT SPREAD: 1.559

GROUP SPREAD: 2.328

MIN RADIUS: 0.097

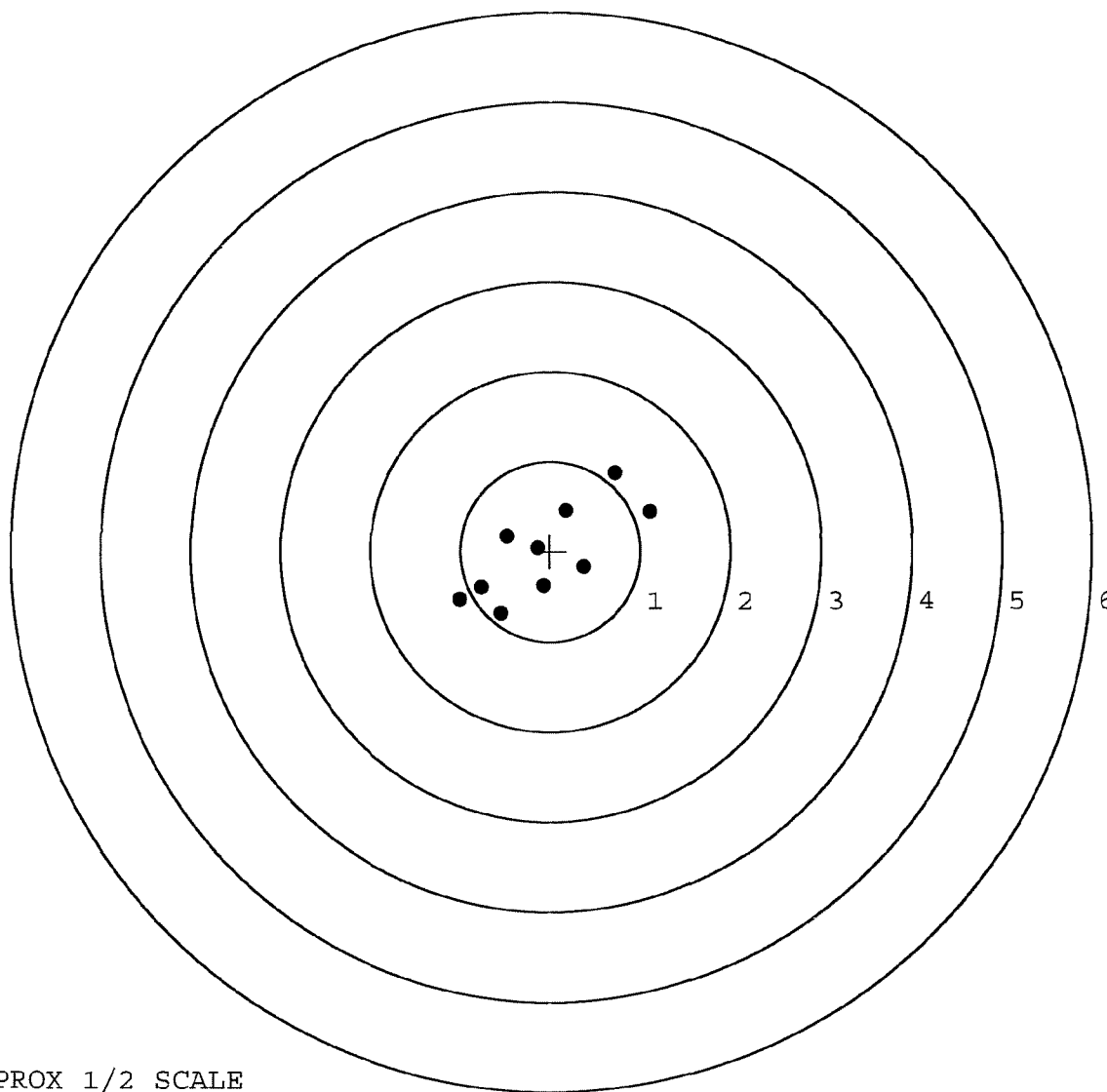
MAX RADIUS: 1.255

MEAN RADIUS: 0.706

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

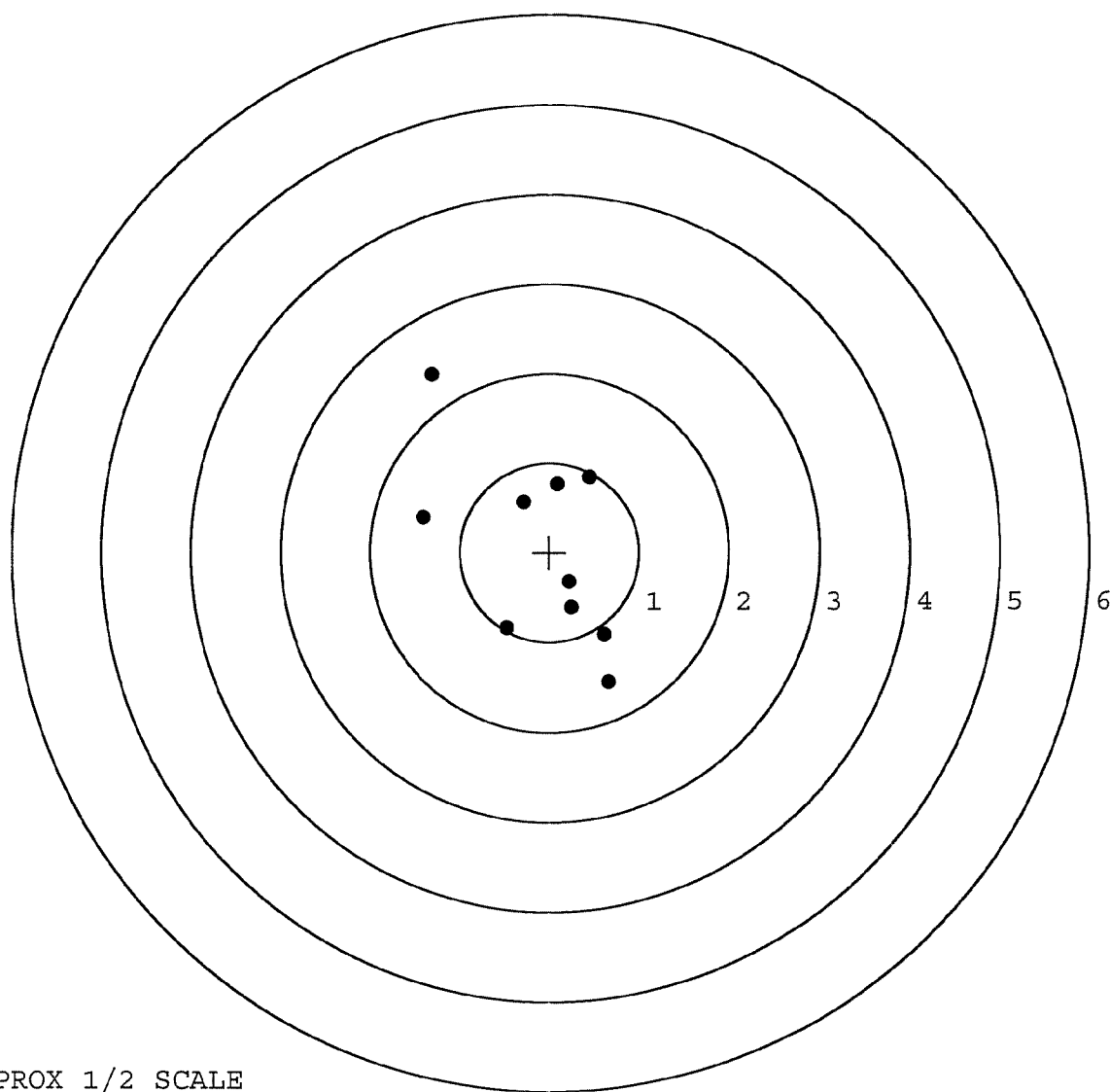
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0060510

SERIAL NUMBER: C6225422. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	0.663	-1.442
FILE DATE: 10/30/2003	2:	0.615	-0.926
FILE TIME: 18:42	3:	0.251	-0.625
	4:	0.225	-0.334
X CENTROID: -0.119	5:	-0.475	-0.851
Y CENTROID: 0.037	6:	-1.410	0.388
POA TO CENTROID: 0.125	7:	-0.287	0.563
HORZ SPREAD: 2.073	8:	0.092	0.766
VERT SPREAD: 3.428	9:	0.448	0.845
GROUP SPREAD: 3.958	10:	-1.315	1.986
MIN RADIUS: 0.506			
MAX RADIUS: 2.287			
MEAN RADIUS: 1.103			
# IN 1 IN DIAMETER: 0			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 8			



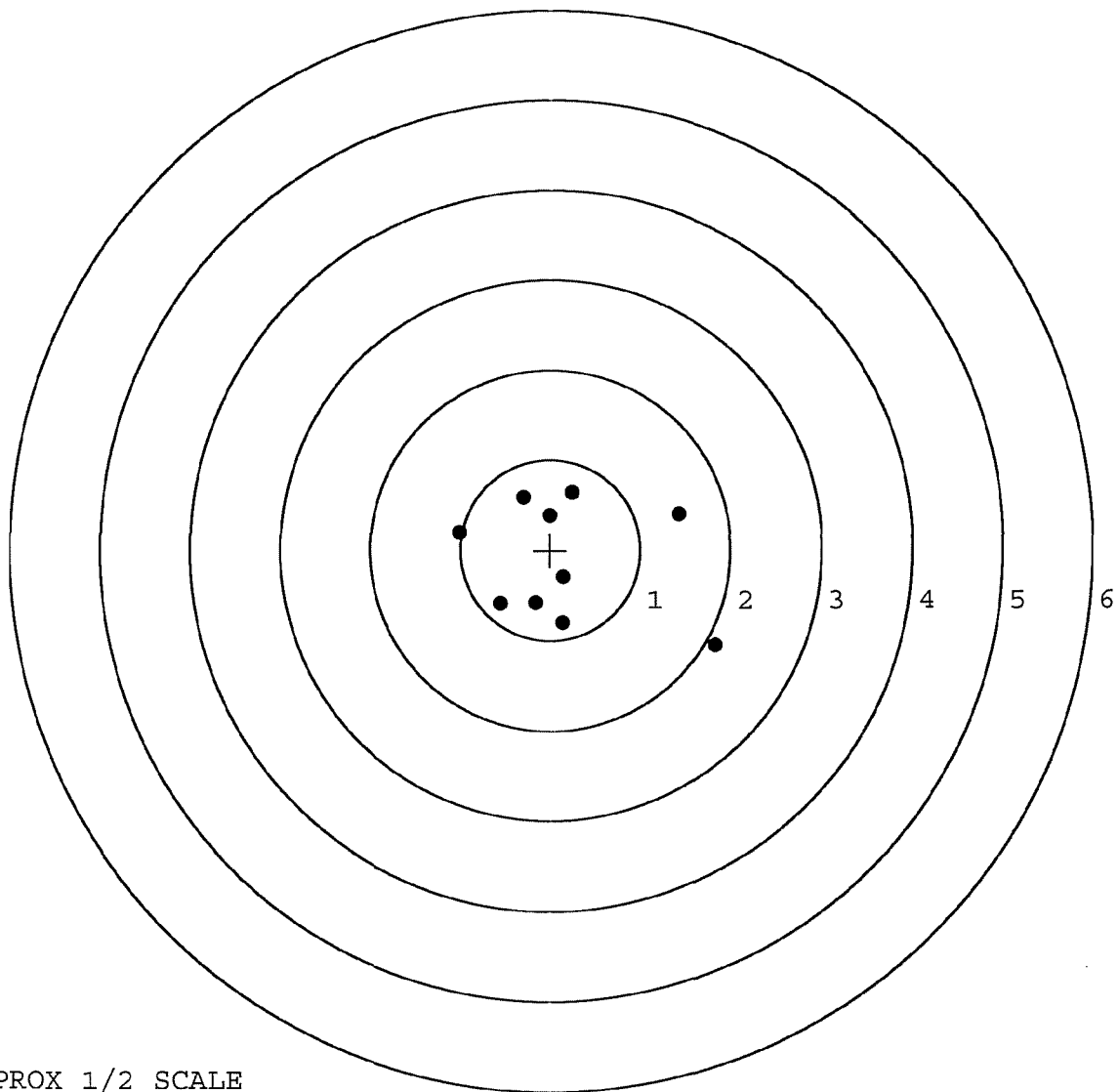
TARGET APPROX 1/2 SCALE

BARBER - M24 0060511

SERIAL NUMBER: C6225422. __0
 TARGET NUMBER: 3
 FILE DATE: 10/30/2003
 FILE TIME: 18:42

POINT#	X	Y
1:	1.827	-1.056
2:	1.426	0.400
3:	0.243	0.640
4:	-0.302	0.586
5:	-0.010	0.382
6:	0.152	-0.305
7:	0.146	-0.812
8:	-0.163	-0.589
9:	-0.560	-0.598
10:	-1.010	0.199

X CENTROID: 0.175
 Y CENTROID: -0.115
 POA TO CENTROID: 0.209
 HORZ SPREAD: 2.837
 VERT SPREAD: 1.696
 GROUP SPREAD: 3.102
 MIN RADIUS: 0.191
 MAX RADIUS: 1.901
 MEAN RADIUS: 0.897
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



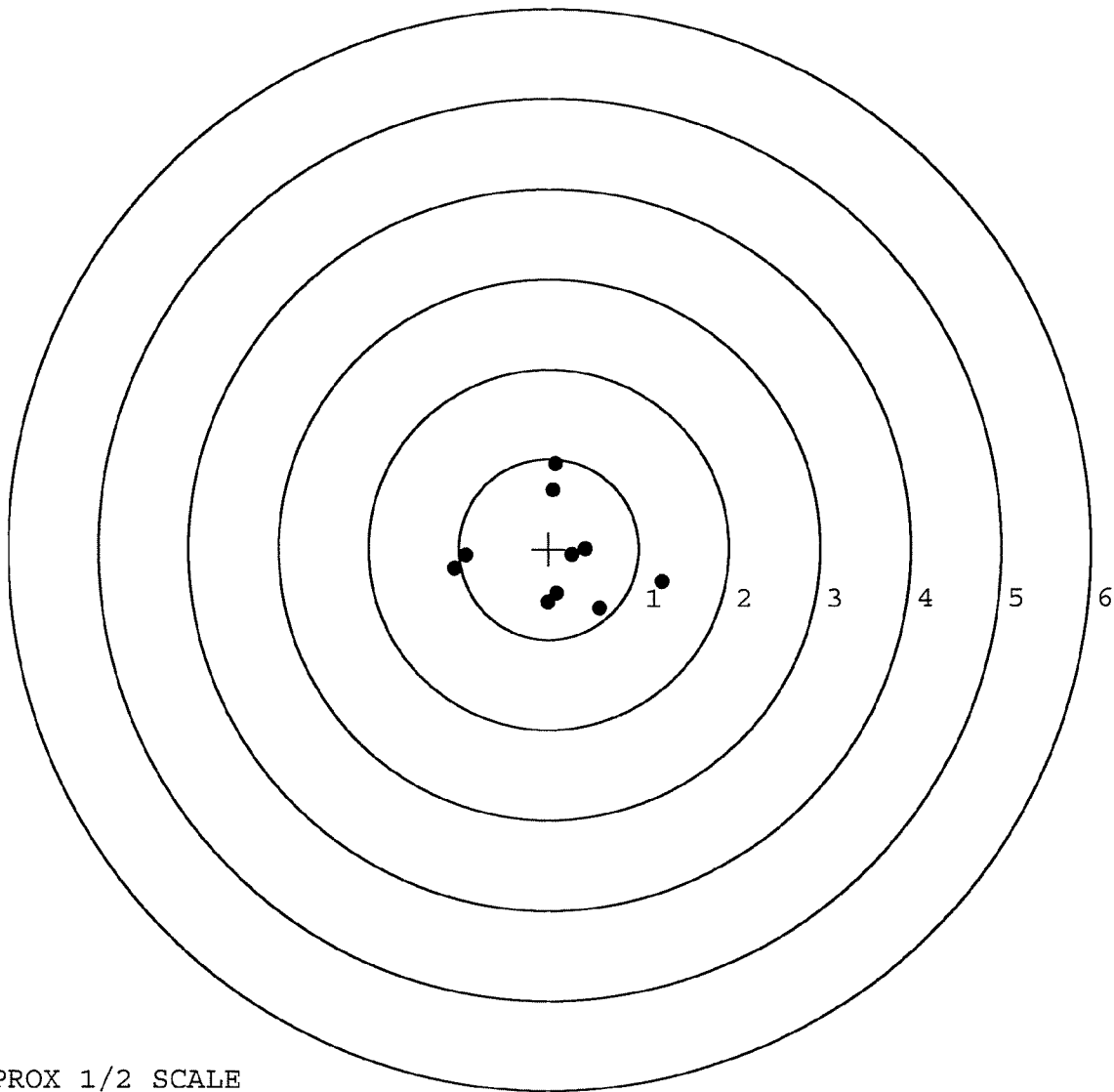
TARGET APPROX 1/2 SCALE

BARBER - M24 0060512

SERIAL NUMBER: C6225422. __0
TARGET NUMBER: 4
FILE DATE: 10/30/2003
FILE TIME: 18:42

POINT#	X	Y
1:	1.257	-0.369
2:	0.568	-0.663
3:	-0.007	-0.600
4:	0.093	-0.495
5:	0.263	-0.073
6:	0.410	-0.008
7:	0.050	0.650
8:	0.078	0.945
9:	-0.926	-0.077
10:	-1.049	-0.221

X CENTROID: 0.074
Y CENTROID: -0.091
POA TO CENTROID: 0.117
HORZ SPREAD: 2.306
VERT SPREAD: 1.608
GROUP SPREAD: 2.311
MIN RADIUS: 0.190
MAX RADIUS: 1.215
MEAN RADIUS: 0.734
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

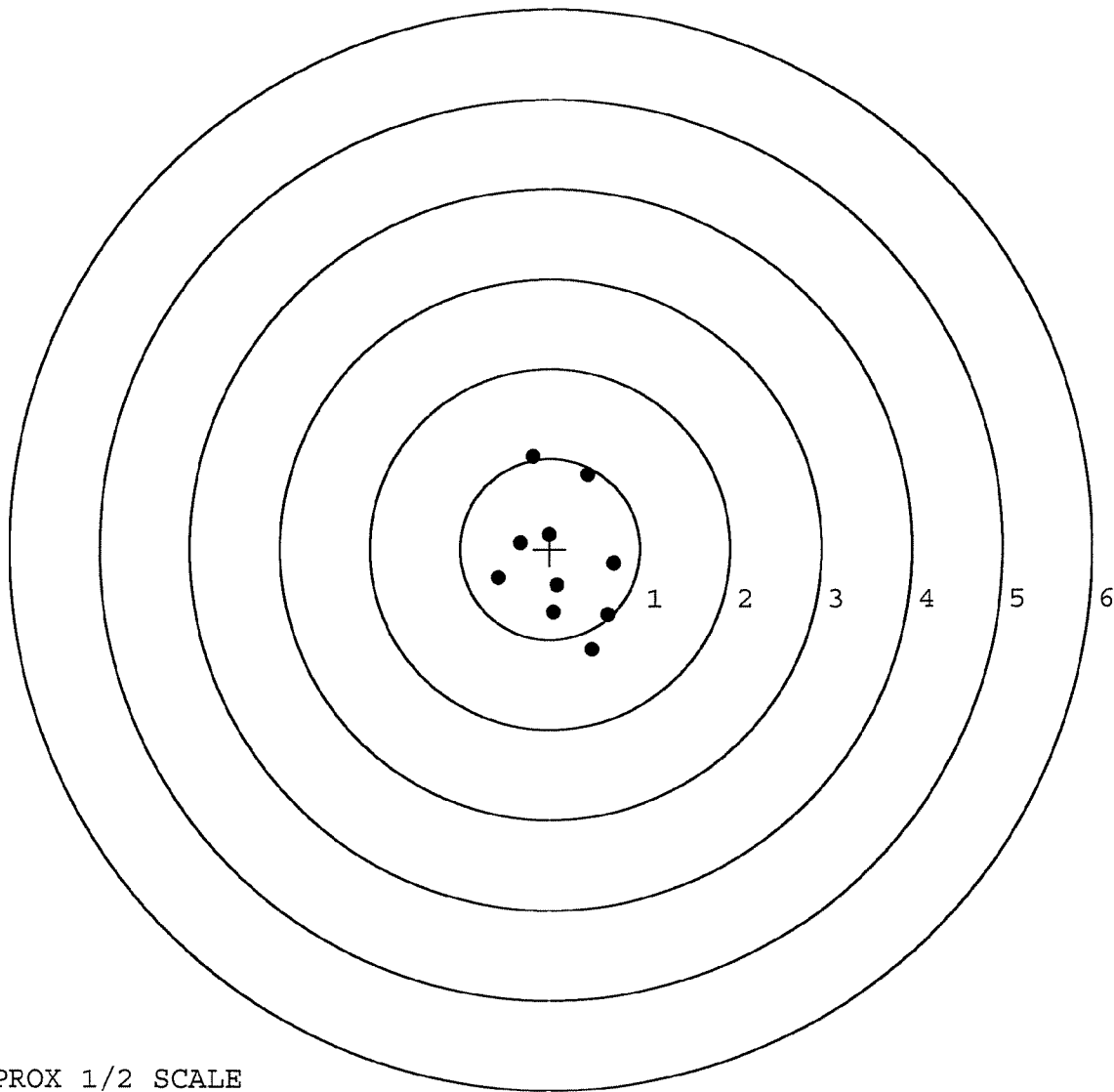


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225422.___0
 TARGET NUMBER: 5
 FILE DATE: 10/30/2003
 FILE TIME: 18:42

POINT#	X	Y
1:	0.470	-1.115
2:	0.644	-0.729
3:	0.710	-0.166
4:	0.085	-0.403
5:	0.043	-0.701
6:	-0.578	-0.326
7:	-0.328	0.068
8:	-0.009	0.154
9:	0.423	0.824
10:	-0.191	1.021

X CENTROID: 0.127
 Y CENTROID: -0.137
 POA TO CENTROID: 0.187
 HORZ SPREAD: 1.288
 VERT SPREAD: 2.136
 GROUP SPREAD: 2.236
 MIN RADIUS: 0.269
 MAX RADIUS: 1.201
 MEAN RADIUS: 0.700
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL # C6225422 INSPECTED BY: RR
DATE REC'D: 10-14-03 DATE RET'D: 10-31-03

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

R & E NUMBER	71430		
SERIAL NUMBER	C622 5422		
LOG-IN DATE	10-14-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-14-03	RTL
560 A	RE-BARREL	10-16-03	RTL
B	DRILL AND TAP	10-16-03	TRW
575	ASSEMBLE	10-16-03	RTL
600	PROOF	10-16-03	RTL
605	CHECK HEADSPACE	10-16-03	RTL
610	DIS-ASSEMBLE GUN	10-16-03	RTL
612	MAGNAFLUX OPERATOR BR		
615	ROLLMARK CALIBER	10-16-03	RTL
618	ROTO-BLAST	10/17/2003	Dans
620	APPLY COATINGS	10-22	TA
625 A	FINAL ASSEMBLY	10-27-03	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-30-03	TRW
655	FINAL INSPECT	10-31-03	RTL
660	PACK	10-31-03	DA
		SHIP DATE	
QAR INSPECTION DATE			

Remington
MODEL 700™ H24

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

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

SERIAL NO.
C6225422

ORDER NO.
5716

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

Ø1



5716 C6225422

UPC



047700257167

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225422

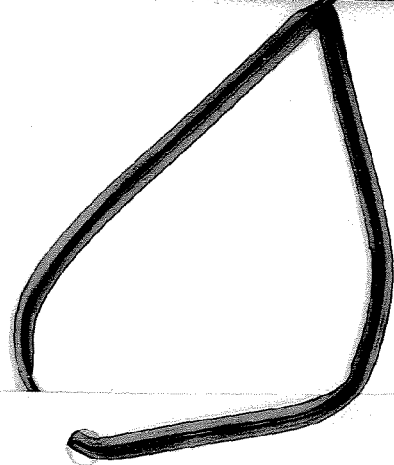
OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 17 89		RW
600	Proof	5 17 89		RW
607	Check Headspace	5 17 89		RW
610	Dis-assemble Gun	5 17 89		RW
612	Magnaflux Barrel Action		5/19	KCR
	Magnaflux Bolt		5/19	KCR
615	Rollmark Caliber		5/19	G.S.
617	Drill and Tap Sight Holes	5 22 89		LB
618	Polish Barrel	5 22 89		BT
620	Apply Coatings (Barrel Action)		5-26-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/30/89	RW
	C) Inspect Ejector Hole for Chamfer		5/30/89	RW
	D) Oil Firing Pin Ass'y		5/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/1/89	WCB

op. #	BARBER - M24 0060518 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			6/1/89	JH
	G) Safety Off Force	4	4	4			6/1/89	JH
	H) Trigger Pull Test & Retainability						6/1/89	WB
	I) Firing Pin Indent	.0205	.020	.020			6/1/89	JH
	J) Assemble Stock						6/1/89	RW
	K) Assemble Swivel Studs						8/18/89	WB
	L) Attach Front and Rear Sight Assemblies						6/1/89	RW
	M) Iron Sight Alignment						6/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						6/1/89	RW
	O) Attach Scope to Rifle						6/1/89	JH
	P) Detach & Attach Scope 20 Times						6/2/89	JH
640	Gallery Target & Test	55 R	96L				6-5-89	JH
	A) Time						"	JH
	B) Malfunctions						"	JH
	C) Pierced Primers						"	JH
	D) Optical Clarity of Scope						"	JH
645	Inspect for Live Ammo						6-5-89	JH
655	Final Inspection						8/18/89	WB
	A) Headspace							
	B) Trigger Pull	2.14	2.35	2.32	2.37	2.31	8/18/89	WB
	C) Function						8/18/89	WB
660	Pack						202/01	JH

MOD. _____ GA. CAL. _____ GUN # 6225422

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	shows brass + Ejector sticks back	OW
	2nd	Ream Ejector 1/51 Hole 1/89 Polish Ejector	
	3rd		
	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		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 5455
16348936DATE 10/28/89TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.14	2.19	2.07	2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.14	2.13	2.08	2.42	
PULL #3	2.16	2.19	2.10	2.35	
PULL #4	2.14	2.16	2.13	2.42	
PULL #5	2.15	2.10	2.11	2.44	
TOTAL	10.73	10.77	10.49	12.06	
AVG.	2.146	2.154	2.098	2.412	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.14		
PULL #2	3.22	3.20		
PULL #3	3.18	3.18		
PULL #4	3.21	3.18		
PULL #5	3.18	3.23		
TOTAL	15.93	15.93		
AVG.	3.186	3.186		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.16		4.01
PULL #2	4.13	4.12		4.11
PULL #3	4.12	4.13		3.96
PULL #4	4.04	4.07		4.15
PULL #5	4.04	4.08		4.15
TOTAL	20.53	20.56		20.38
AVG.	4.106	4.112		4.076

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225422
6 Jun 1989

CENTROIDAL DISTANCES

0 TO	1	.612413
1 TO	2	.395961
1 TO	3	1.15617
1 TO	4	.719607
1 TO	5	.30335

$\sigma^2 = \frac{1}{n} \sum_{i=1}^n x_i^2 - (\bar{x})^2$ $\leftarrow$ POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2064
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0662
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .216757

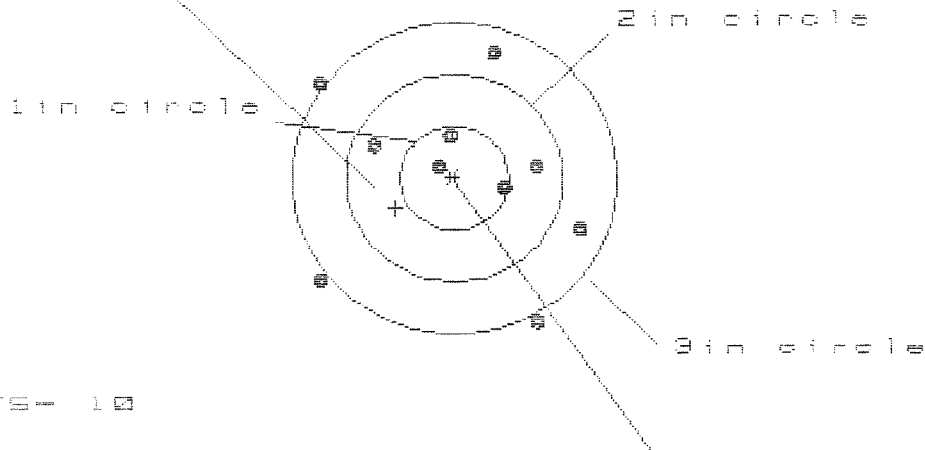
THE AMR FOR THIS RIFLE IS: 1.097

FILE: /PATTERNING/CENTERFIRE PATT/08225422

CENTERFIRE PATTERNS




POA



SECRET 25-30000 1

INDEX

[illegible][illegible][illegible]

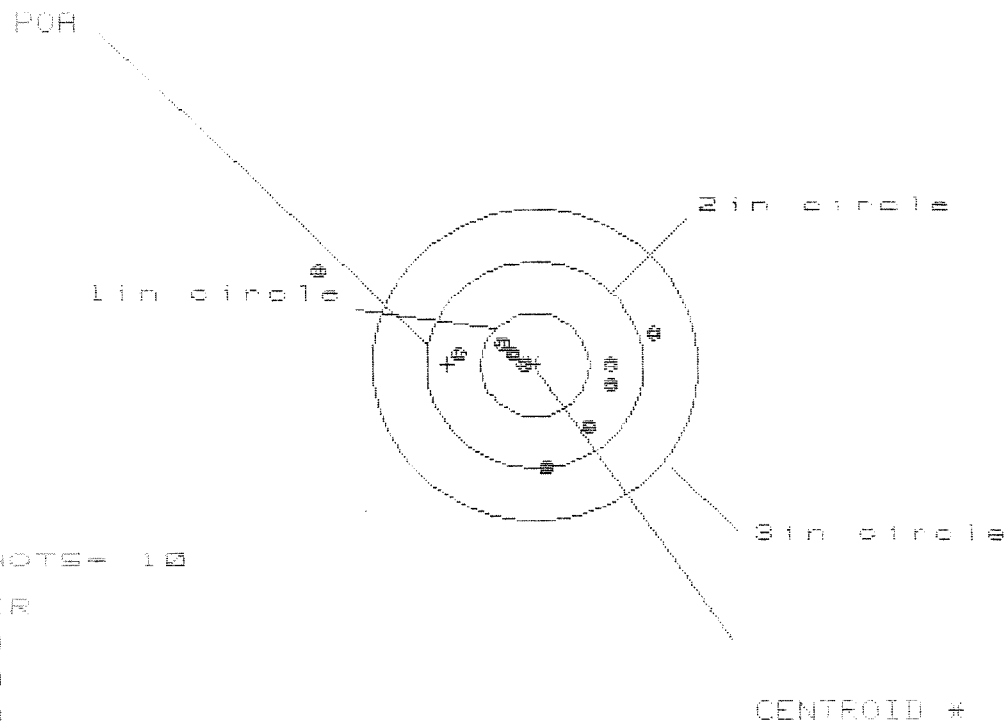
CENTROID $\bar{x}$

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.111	1.192	1.045
MINIMUM X	:	-1.264	-1.183	-1.329
MAXIMUM Y	:	1.196	1.038	.899
MINIMUM Y	:	-1.423	-1.116	-.825
CENTROID X	:	.541	.460	.607
CENTROID Y	:	.287	.445	.585
POA TO CENTROID in.	:	.612	.640	.842
MIN RADIUS	:	.188	.109	.133
MEAN RADIUS	:	.979	.884	.776
MAX RADIUS	:	1.598	1.617	1.449
HORIZONTAL SPREAD	:	2.375	2.375	2.375
VERTICAL SPREAD	:	2.619	2.154	1.723
EXTREME SPREAD	:	3.048	2.757	2.757
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

6 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225422

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS = 3.106

VS = 1.911

GS = 3.168

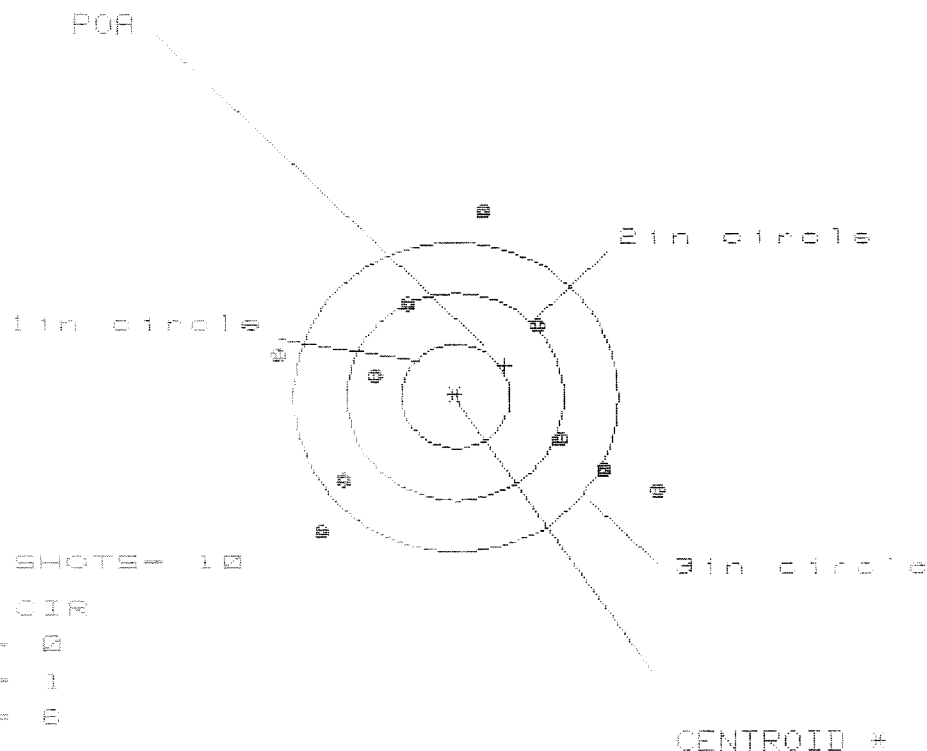
PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.098
MINIMUM X	:	-2.008
MAXIMUM Y	:	.955
MINIMUM Y	:	-.956
CENTROID X	:	.804
CENTROID Y	:	-.009
POR TO CENTROID in.	:	.804
MIN RADIUS	:	.094
MEAN RADIUS	:	.797
MAX RADIUS	:	2.224
HORIZONTAL SPREAD	:	3.106
VERTICAL SPREAD	:	1.911
EXTREME SPREAD	:	3.168
NUMBER IN ONE INCH CIRCLE	=	3
NUMBER IN TWO INCH CIRCLE	=	8
NUMBER IN THREE INCH CIRCLE	=	9

6 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225422

CENTERFIRE PATTERNS

3



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 1

3 in = 6

HS= 3.449

VS= 3.686

GS= 3.694

PATTERN #

10

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.846

1.519

1.572

MINIMUM X

-1.603

-1.398

-1.345

MAXIMUM Y

1.823

1.723

1.051

MINIMUM Y

-1.263

-1.363

-1.148

CENTROID X

-.458

-.663

-.716

CENTROID Y

-.295

-.195

-.410

POA TO CENTROID in.

.545

.691

.925

MIN RADIUS

.760

.536

.579

MEAN RADIUS

1.403

1.301

1.239

MAX RADIUS

2.055

1.773

1.679

HORIZONTAL SPREAD

3.449

2.917

2.917

VERTICAL SPREAD

3.086

3.086

2.199

EXTREME SPREAD

3.694

3.431

3.126

NUMBER IN ONE INCH CIRCLE =

0

NUMBER IN TWO INCH CIRCLE =

1

NUMBER IN THREE INCH CIRCLE =

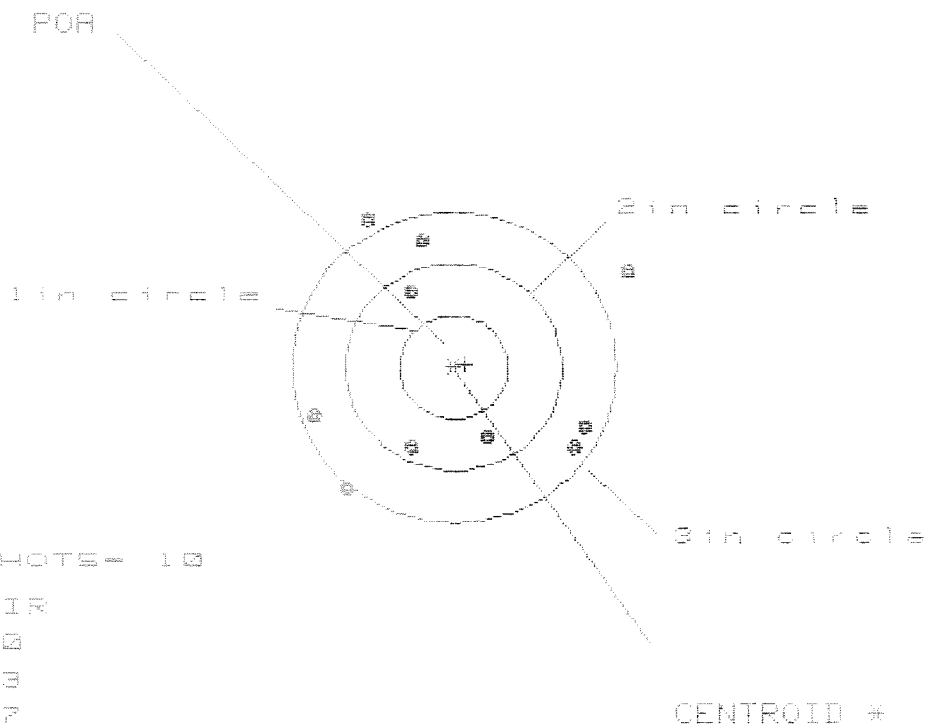
6

6 JUN 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225422

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS = 2.936

VS = 2.622

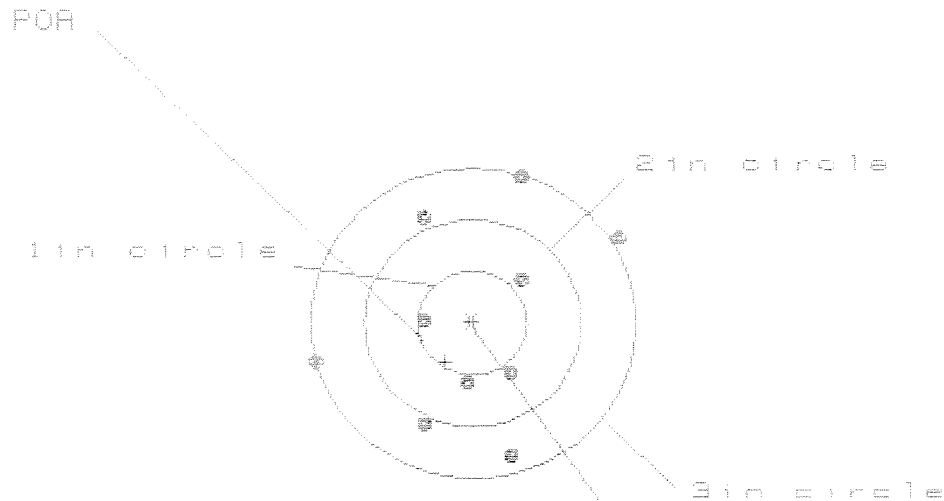
GS = 3.366

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.603	1.367	1.287
MINIMUM X	-1.333	-1.154	-1.234
MAXIMUM Y	1.471	1.580	1.586
MINIMUM Y	-1.151	-1.042	-0.845
CENTROID X	-1.106	-1.284	-1.204
CENTROID Y	-0.928	-1.137	-1.334
POA TO CENTROID in.	.109	.315	.391
MIN RADIUS	.774	.646	.498
MEAN RADIUS	1.292	1.192	1.095
MAX RADIUS	1.878	1.703	1.516
HORIZONTAL SPREAD	2.936	2.521	2.521
VERTICAL SPREAD	2.622	2.622	2.351
EXTREME SPREAD	3.366	2.956	2.524
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

6 Jun 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225422

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.718

VS= 2.708

GS= 2.998

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.318
MINIMUM X	-1.408
MAXIMUM Y	1.391
MINIMUM Y	-1.317
CENTROID X	.251
CENTROID Y	.376
POR TO CENTROID in.	.452
MIN RADIUS	.434
MEAN RADIUS	1.022
MAX RADIUS	1.559
HORIZONTAL SPREAD	2.718
VERTICAL SPREAD	2.708
EXTREME SPREAD	2.998
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	9

RECEIVED BARBER - M24 0060528 REPORT

COMMENTS

ORDER
R 97-09515

INITIALS:
 CUSTOMER ORDER NO. 12060
 DATE OPENED 05/14/97
 DATE CODE LJ 2-89
 SERIAL NUMBER C6225422
 NEW SERIAL NUMBER
 MODEL AND GRADE 700 7.62 NATO
 W/STUDS SCOPE BASE

WOG 7 OF 19
M-24

FROM:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC 28307

SHIP TO:

CDR, HSC
HSC 1/7 SFG (A)
FT BRAGG

NC
28307

CUST NO: 162915 C.O.D.L

ACCOUNT NUMBER ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

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

Barrel Assy

96001

Repaider Coat Trigger Guard
Assy, Front + Rear Sight Bases
Rezinc - Scope Base &
S.W. Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	L	L	L	L	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
JW	5-16-97	6-12-97	7-15-97	7-15-97	

OFFICE COPY

FD5925 REV. 11/95

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0060528 0060567

21 DAY TURN - AROUND

*New
Barrel*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6225422*

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
	QAR INSPECTION

*5-16-97 Rw**5-16-97 Rw**5-17-97 Rw**7/15/97 K*

SHIP DATE

Final Inspection

Sn: C6225422

DATE REC'D: 5-14-97

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:

BARBER - M24 0060531

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225422
15 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.078
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.122
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .144803

THE AMR FOR THIS RIFLE IS: 1.028

CENTROIDAL DISTANCES

Ø TO	1	.334994
1 TO	2	.102903
1 TO	3	.442604
1 TO	4	.591217
1 TO	5	.418561

3
+
1 2 5 4 <----POA

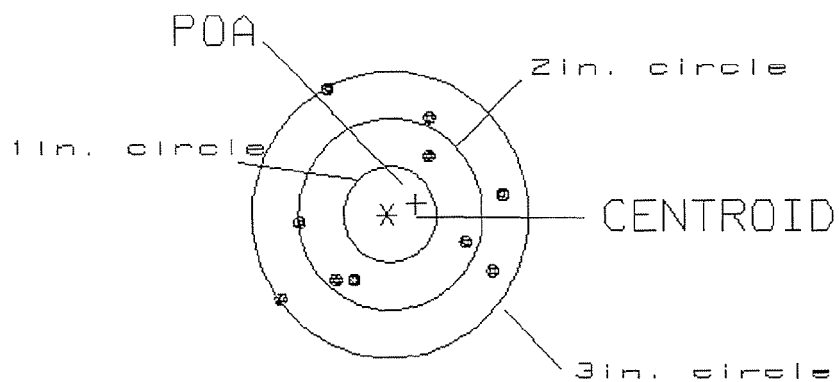
PATTERN #: 1

POA TO CENTROID: .335
 MIN RADIUS : .709
 MEAN RADIUS : 1.095
 MAX RADIUS : 1.524
 CENTROID X : -.315
 CENTROID Y : -.114

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225422

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.39

0

VS= 2.23

4

GS= 2.66

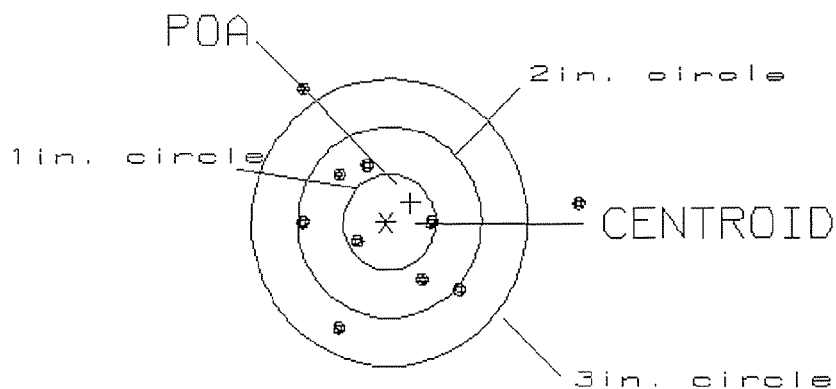
9

PATTERN #: 2
 POA TO CENTROID: .325
 MIN RADIUS : .447
 MEAN RADIUS : .992
 MAX RADIUS : 2.041
 CENTROID X : -.257
 CENTROID Y : -.199

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225422

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.99

2

VS= 2.52

6

GS= 3.22

8

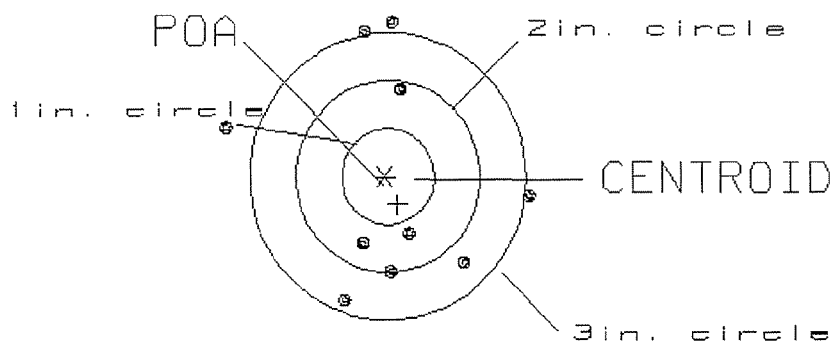
PATTERN #: 3

POA TO CENTROID: .318
 MIN RADIUS : .662
 MEAN RADIUS : 1.239
 MAX RADIUS : 1.864
 CENTROID X : -.132
 CENTROID Y : .289

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225422

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.33

0

VS= 2.83

4

GS= 3.40

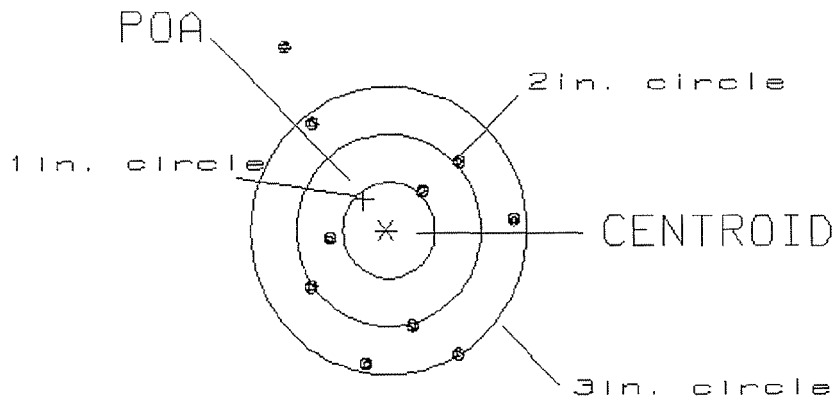
6

PATTERN #: 4
 POA TO CENTROID: .396
 MIN RADIUS : .511
 MEAN RADIUS : 1.217
 MAX RADIUS : 2.223
 CENTROID X : .241
 CENTROID Y : -.315

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225422

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.54

0

VS= 3.31

3

GS= 3.70

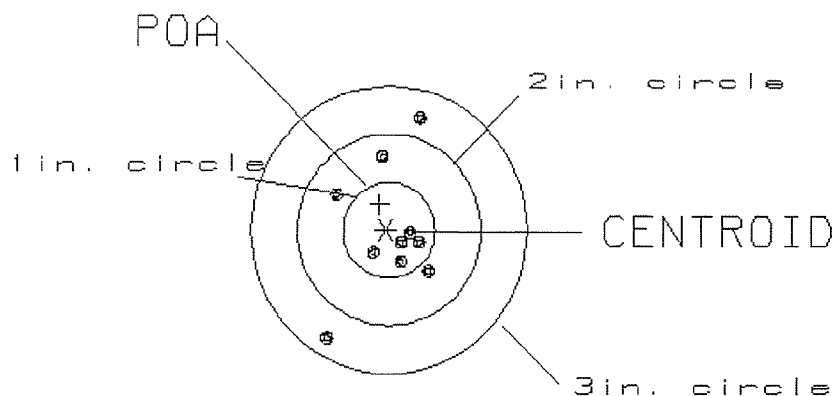
9

PATTERN #: 5
 POA TO CENTROID: .281
 MIN RADIUS : .180
 MEAN RADIUS : .598
 MAX RADIUS : 1.342
 CENTROID X : .073
 CENTROID Y : -.271

15 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225422

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.17

5

VS= 2.27

8

GS= 2.48

10