

G 6300528
Replace
C. 622-5596

Repair Inquiry

Repair Number: RE00120760

Serial: G6300528 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

New 11/27/2006 12:39:55 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: SFC KIRCHNER

SFC KIRCHNER

Address 1: HSC 1/7 SFG (A)

HSC 1/7 SFG (A)

Address 2: BLDG E-3622 JUST CAUSE DR

PO Box:

BLDG E-3622 JUST CAUSE DR

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: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

nagletj

11/27/2006

1:30 PM

CAPS

NUM

INS

SCRL

Serial Number:

G6300528

Model: M24 SWS



RE00120760

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300528.___0
FILE DATE AND TIME: 12/12/2006 06:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.012
The Average Y Centroid of the Five Target Set:	-0.005
The Average Point of Impact of the Five Target Set:	0.012
The Average Mean Radius of the Five Target Set:	0.781
The Distance from POA to Centroid Target #1:	0.170
The Distance from Centroid Target #2 to Centroid Target #1:	0.255
The Distance from Centroid Target #3 to Centroid Target #1:	0.126
The Distance from Centroid Target #4 to Centroid Target #1:	0.162
The Distance from Centroid Target #5 to Centroid Target #1:	0.326

BARBER - M24 0161612

SERIAL NUMBER: G6300528. __0

TARGET NUMBER: 1

FILE DATE: 12/12/2006

FILE TIME: 06:09

POINT#	X	Y
1:	-0.044	1.029
2:	0.357	1.060
3:	-0.070	0.414
4:	0.565	0.288
5:	1.093	-0.670
6:	0.426	-0.572
7:	0.314	-0.840
8:	-0.525	-0.443
9:	-0.935	-0.027
10:	-0.701	-1.867

X CENTROID: 0.048

Y CENTROID: -0.163

POA TO CENTROID: 0.170

HORZ SPREAD: 2.028

VERT SPREAD: 2.927

GROUP SPREAD: 3.112

MIN RADIUS: 0.557

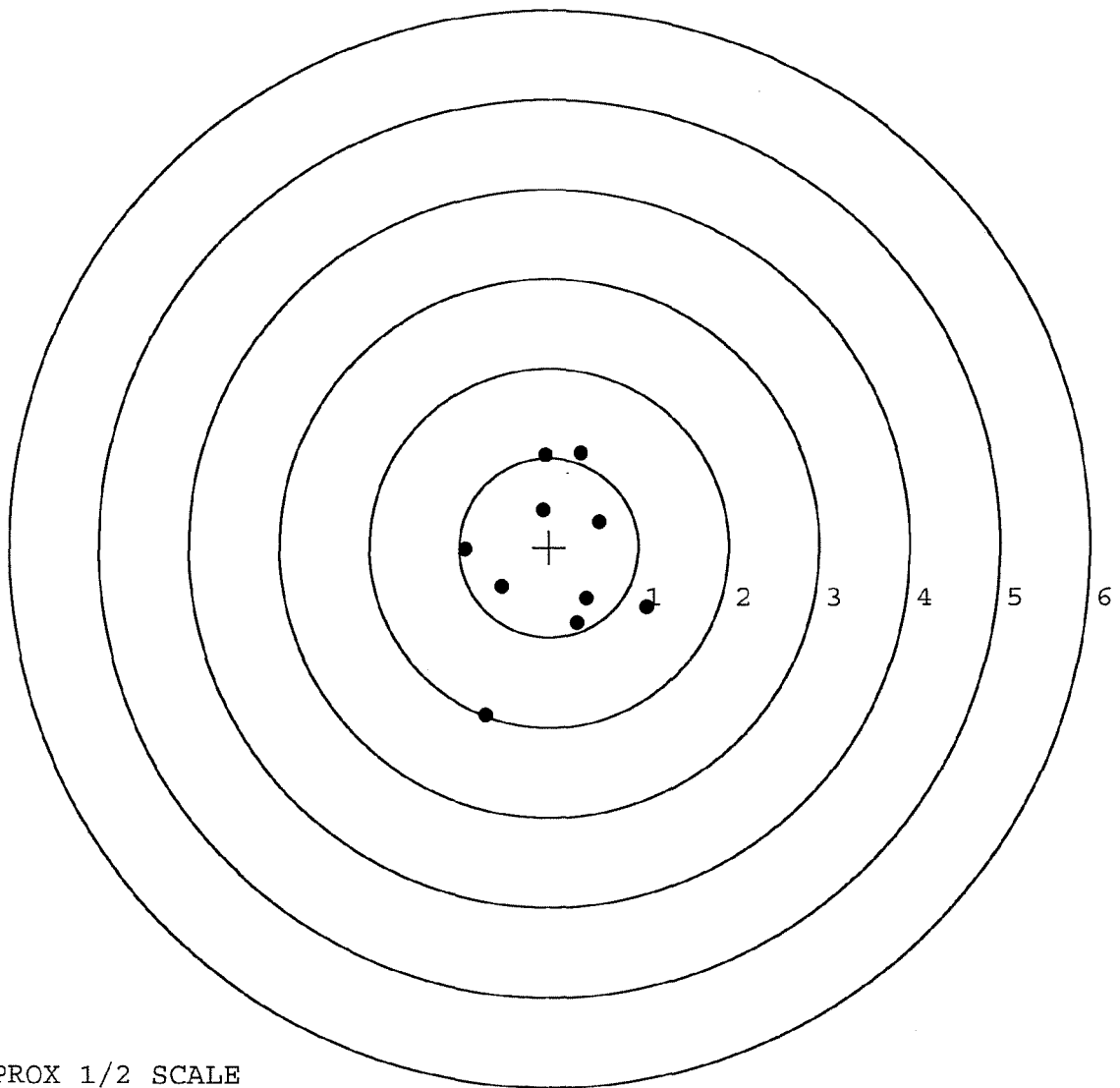
MAX RADIUS: 1.862

MEAN RADIUS: 0.967

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0161613

SERIAL NUMBER: G6300528. __0

TARGET NUMBER: 2

FILE DATE: 12/12/2006

FILE TIME: 06:09

POINT#	X	Y
1:	-0.235	-1.658
2:	0.434	-1.182
3:	0.373	-0.555
4:	-0.421	-0.400
5:	0.212	0.582
6:	-0.253	0.396
7:	-0.261	1.141
8:	-0.324	0.854
9:	-0.200	0.834
10:	0.088	0.674

X CENTROID: -0.059

Y CENTROID: 0.069

POA TO CENTROID: 0.090

HORZ SPREAD: 0.855

VERT SPREAD: 2.799

GROUP SPREAD: 2.799

MIN RADIUS: 0.381

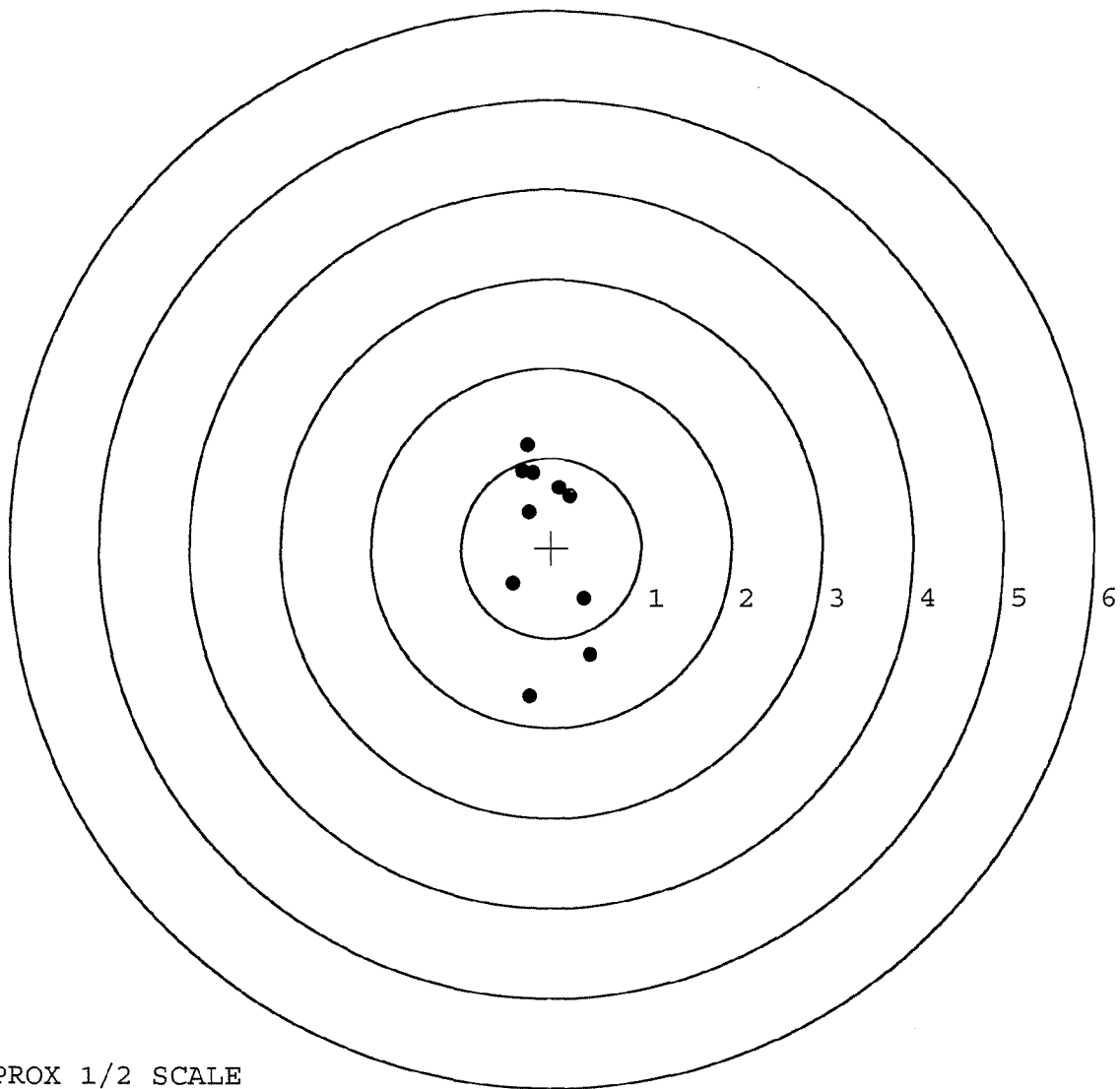
MAX RADIUS: 1.736

MEAN RADIUS: 0.871

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0161614

SERIAL NUMBER: G6300528. __ 0

TARGET NUMBER: 3

FILE DATE: 12/12/2006

FILE TIME: 06:09

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

1:	-0.009	-1.686
----	--------	--------

2:	-0.293	-0.692
----	--------	--------

3:	0.149	-0.731
----	-------	--------

4:	0.112	-0.556
----	-------	--------

5:	0.538	-0.283
----	-------	--------

6:	-1.154	0.403
----	--------	-------

7:	-0.320	0.743
----	--------	-------

8:	0.366	0.952
----	-------	-------

9:	0.121	0.754
----	-------	-------

10:	0.121	0.400
-----	-------	-------

X CENTROID: -0.037

Y CENTROID: -0.070

POA TO CENTROID: 0.079

HORZ SPREAD: 1.692

VERT SPREAD: 2.638

GROUP SPREAD: 2.665

MIN RADIUS: 0.495

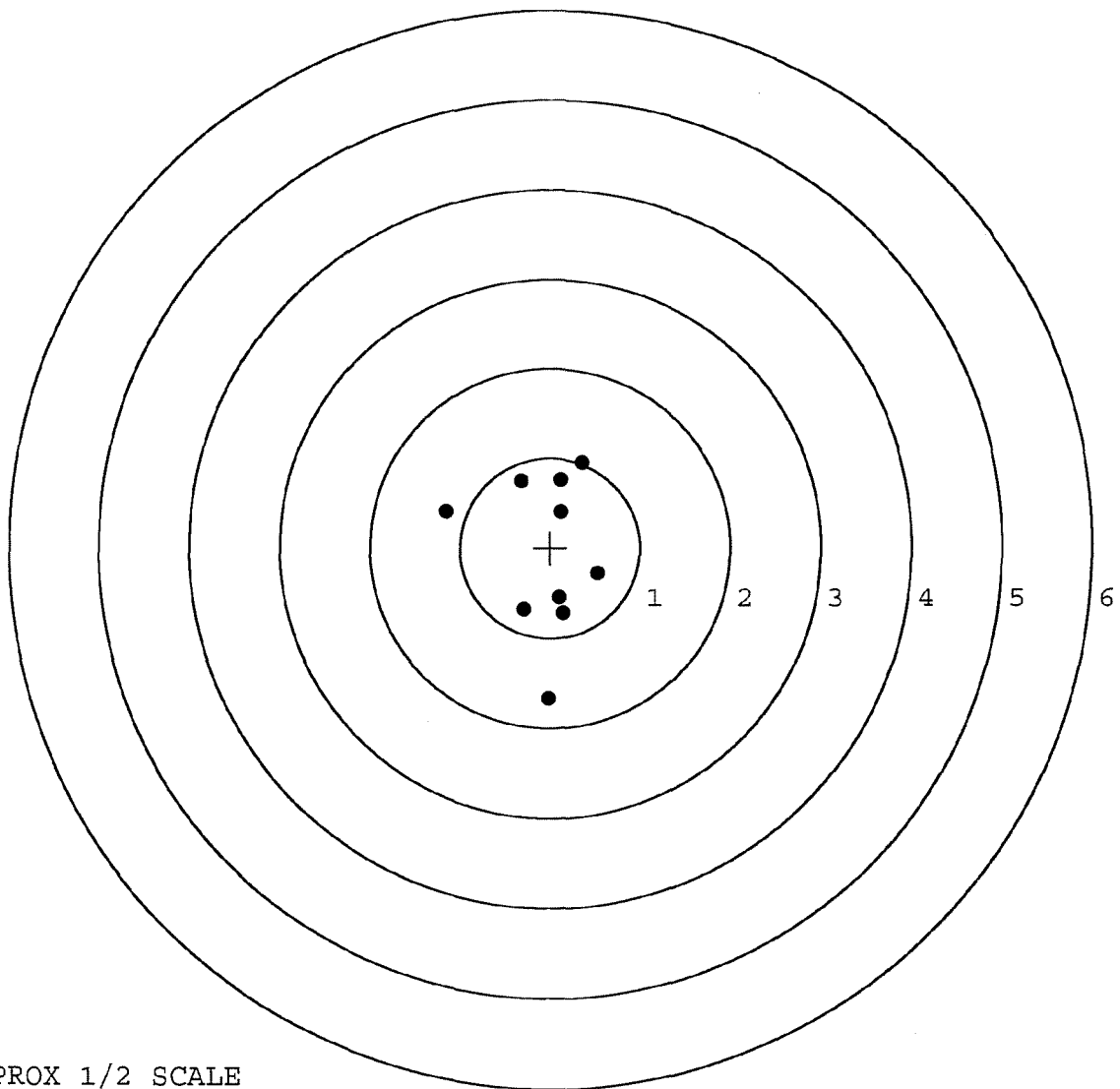
MAX RADIUS: 1.617

MEAN RADIUS: 0.860

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0161615

SERIAL NUMBER: G6300528. 0

TARGET NUMBER: 4

FILE DATE: 12/12/2006

FILE TIME: 06:09

POINT#	X	Y
1:	-1.115	-0.457
2:	0.050	-1.097
3:	0.408	-0.331
4:	0.526	0.656
5:	-0.340	-0.164
6:	0.156	-0.014
7:	0.245	0.277
8:	0.023	0.466
9:	-0.177	0.364
10:	-0.090	0.085

X CENTROID: -0.031

Y CENTROID: -0.022

POA TO CENTROID: 0.038

HORZ SPREAD: 1.641

VERT SPREAD: 1.753

GROUP SPREAD: 1.983

MIN RADIUS: 0.122

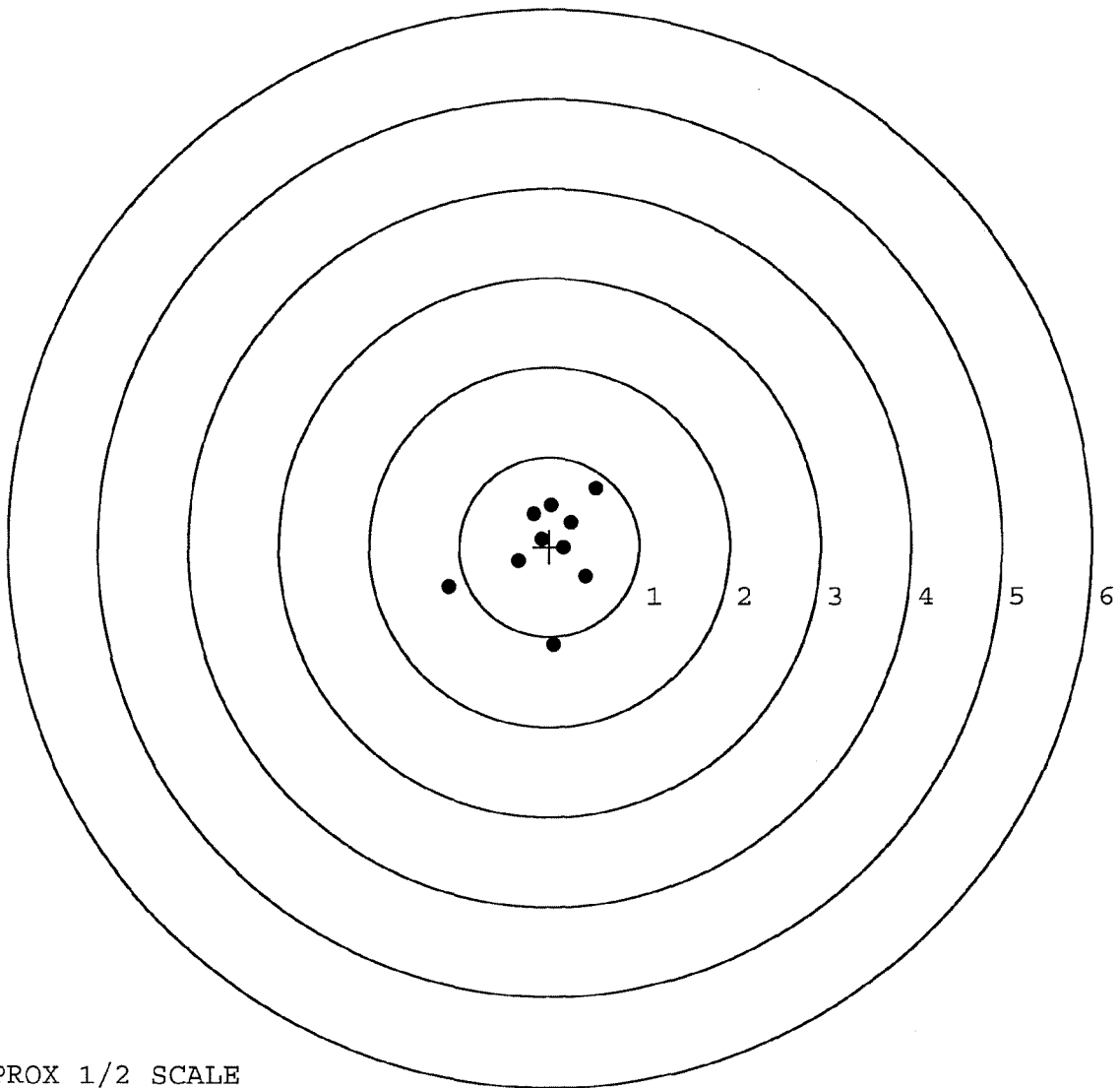
MAX RADIUS: 1.168

MEAN RADIUS: 0.562

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



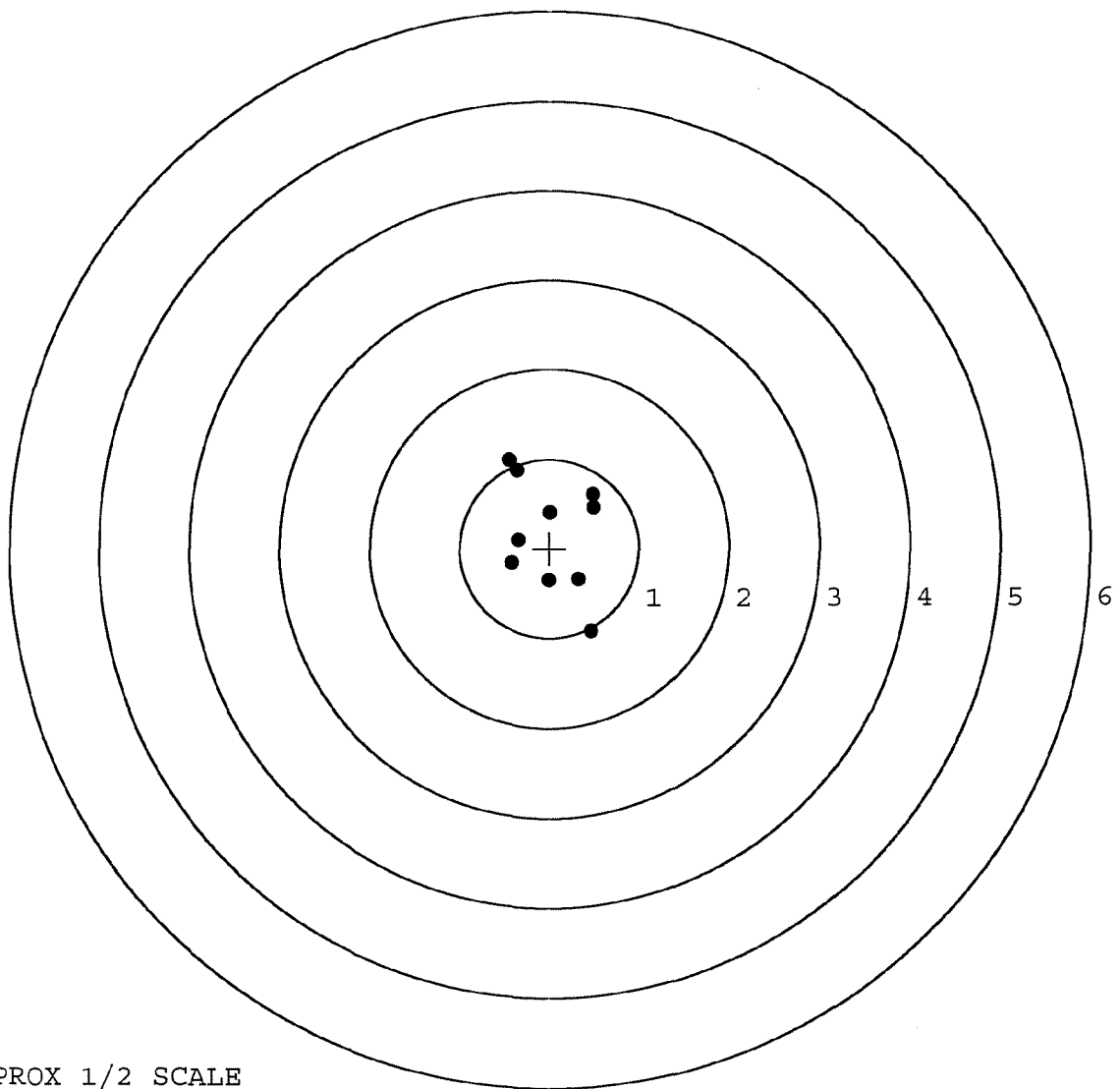
TARGET APPROX 1/2 SCALE

BARBER - M24 0161616

SERIAL NUMBER: G6300528. __0
 TARGET NUMBER: 5
 FILE DATE: 12/12/2006
 FILE TIME: 06:09

POINT#	X	Y
1:	-0.452	0.988
2:	-0.362	0.879
3:	0.487	0.611
4:	0.495	0.461
5:	0.008	0.405
6:	0.473	-0.933
7:	0.330	-0.352
8:	-0.003	-0.364
9:	-0.414	-0.173
10:	-0.351	0.096

X CENTROID: 0.021
 Y CENTROID: 0.162
 POA TO CENTROID: 0.163
 HORZ SPREAD: 0.947
 VERT SPREAD: 1.921
 GROUP SPREAD: 2.132
 MIN RADIUS: 0.244
 MAX RADIUS: 1.184
 MEAN RADIUS: 0.645
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	120760		
SERIAL NUMBER	C6300528		
LOG-IN DATE	11-27-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-29-06	RTZ
505	RE-BARREL	11-30-06	RTZ
420	ASSEMBLE	12-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED DEC 05 2006 OPERATOR APD	TRW
460	CHECK HEADSPACE	12-4-06	TRW
470	DIS-ASSEMBLE GUN	12-4-06	BLG
480	MAGNAFLUX	12-3-06	APD
510	DRILL AND TAP	12-4-06	SD
500	ROLLMARK CALIBER	12-5-06	CW
520	GOFF BLAST BBL / REC	12/5/06	PD
530 & 540	APPLY COATINGS	12/7/06	FB
560	FINAL ASSEMBLY	12-11-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	
650	TARGET	PASS FAIL	12/11/06 mmm
	MALFUNCTION ^{off ch} _{over live Rd.}	CORRECTION OK	12-16-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	12-16-06 DK
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	12-16-06 BLG
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.62 2.70 2.75 2.37 2.56 12-16-06 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.2 5.5 5.5 12-16-06 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 3.2 2.5 12-16-06 DA
	I) FIRING PIN INDENT	.020	.025 .025 .025 12-16-06 DA
690	PACK		12-18-06 DA

F006 REV 5/2006

BARREL ASSEMBLY	STOCK ASSEMBLY
____ BARREL	____ STOCK
____ RECEIVER	____ SLING SWIVEL STUDS
____ FRONT SIGHT BASE	____
____ REAR SIGHT BASE	____ BUTT PATE
____ SCREWS	____ LOCK NUTS
____ FINISH	____ BARREL CLEARANCE
	____ COLOR / FINISH
SCOPE ASSEMBLY	SYSTEM CASE
____ SCOPE	____ SCOPE CASE
____ SCOPE RINGS	____ IRON SIGHTS
____ MOUNTING SCREWS	____ DEPLOYMENT KIT
____ MOUNTING BASE	
____ SCREWS	
____ FINISH	
____ CLARITY	
COMMENTS: _____	

F006 REV 5/2006

Repair Number: RE00079566	Serial: C6225596 Model M24 SWS Center Fire Caliber: 7.62 NATO	Repairman:	Status: Closed 4/2/2004 12:54:32 PM																
Address Information Customer: ☒ Received From Return To: ☐ Received From Name: B CO 1/7 SFG A B CO 1/7 SFG A Address 1: Address 2: PO Box: PO Box: City: FORT BRAGG FORT BRAGG State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US FFL:																			
<table border="1"> <tr> <td>Contact / Condition</td> <td>Problems</td> <td>Estimate</td> <td>History / Status</td> <td>Shipping / Billing</td> </tr> </table>				Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing											
Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing															
Contact Information Phone: Fax: Email: Comments:		Received Condition Fair: Condition Notes: CSR Notes:		Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Studs</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> <tr> <td>X001</td> <td>Deployment Kit</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Bases	3	X001	Deployment Kit	1
Code	Desc	Qty																	
A007	With Studs	3																	
A010	Hard Case	1																	
A017	Scope Bases	3																	
X001	Deployment Kit	1																	
Repair Search		Refresh Close																	

naglerj 4/2/2004 2:04 PM CAPS NUM INS SC-4
 start 4 3

G6300528 (New)

Serial Number: **C6225596**

Model: M24 SWS



RE00079566

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300528.___0
FILE DATE AND TIME: 04/22/2004 06:22

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

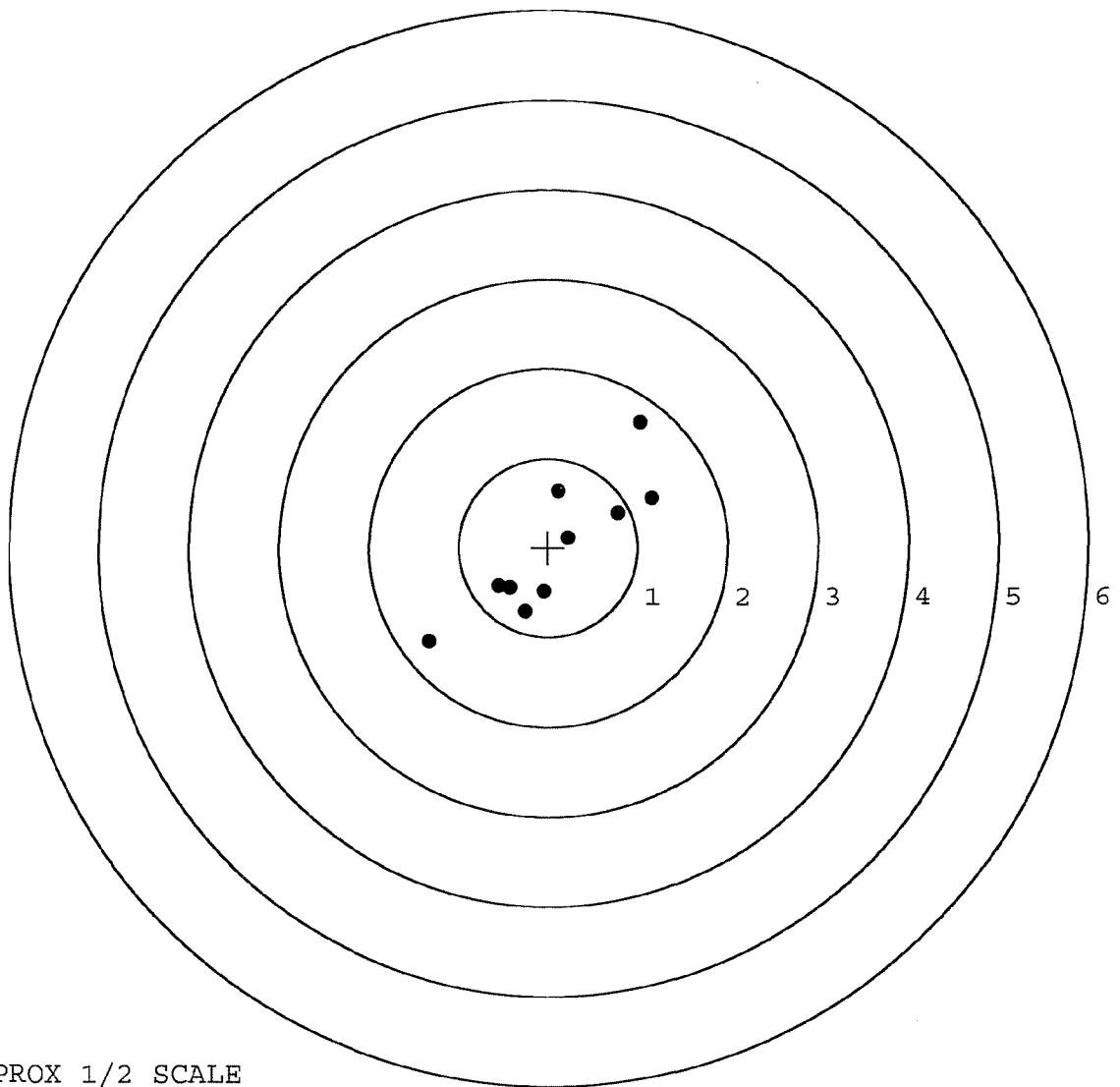
The Average X Centroid of the Five Target Set:	-0.143
The Average Y Centroid of the Five Target Set:	-0.055
The Average Point of Impact of the Five Target Set:	0.153
The Average Mean Radius of the Five Target Set:	0.684
The Distance from POA to Centroid Target #1:	0.065
The Distance from Centroid Target #2 to Centroid Target #1:	0.388
The Distance from Centroid Target #3 to Centroid Target #1:	0.348
The Distance from Centroid Target #4 to Centroid Target #1:	0.353
The Distance from Centroid Target #5 to Centroid Target #1:	0.036

BARBER - M24 0161621

SERIAL NUMBER: G6300528. __0
 TARGET NUMBER: 1
 FILE DATE: 04/22/2004
 FILE TIME: 06:22

POINT#	X	Y
1:	1.148	0.558
2:	0.778	0.390
3:	1.024	1.401
4:	0.108	0.638
5:	0.218	0.111
6:	-0.053	-0.499
7:	-0.258	-0.722
8:	-0.559	-0.439
9:	-0.431	-0.454
10:	-1.332	-1.054

X CENTROID: 0.064
 Y CENTROID: -0.007
 POA TO CENTROID: 0.065
 HORZ SPREAD: 2.480
 VERT SPREAD: 2.455
 GROUP SPREAD: 3.403
 MIN RADIUS: 0.194
 MAX RADIUS: 1.745
 MEAN RADIUS: 0.904
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0161622

SERIAL NUMBER: G6300528. __0

TARGET NUMBER: 2

FILE DATE: 04/22/2004

FILE TIME: 06:22

POINT#	X	Y
1:	0.264	0.088
2:	0.692	0.145
3:	0.172	-0.480
4:	-0.101	-0.654
5:	-1.110	-0.854
6:	0.046	0.412
7:	-0.182	0.295
8:	-0.618	0.274
9:	-0.954	0.285
10:	-1.446	0.504

X CENTROID: -0.324

Y CENTROID: 0.002

POA TO CENTROID: 0.324

HORZ SPREAD: 2.138

VERT SPREAD: 1.358

GROUP SPREAD: 2.168

MIN RADIUS: 0.326

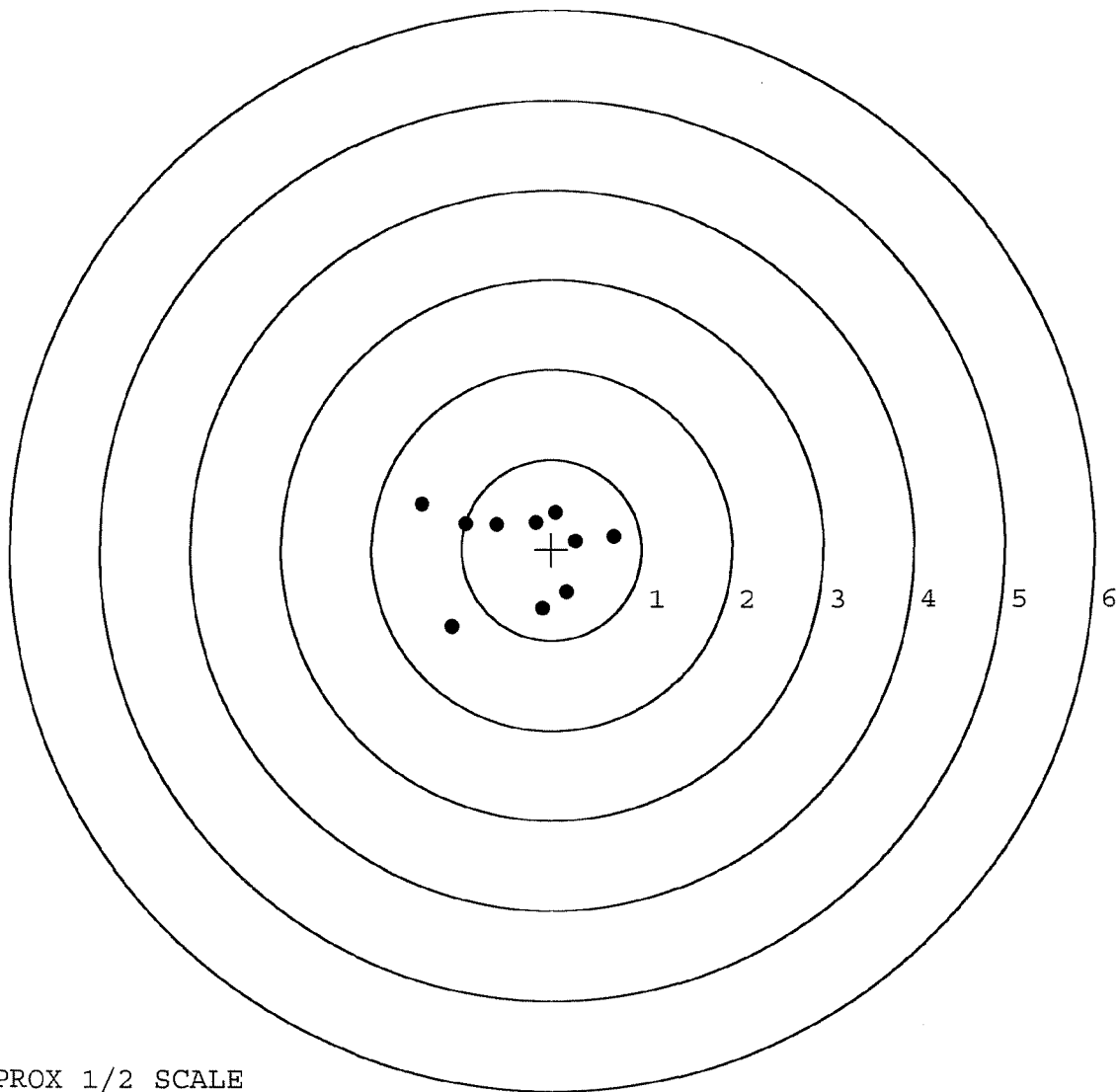
MAX RADIUS: 1.230

MEAN RADIUS: 0.737

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



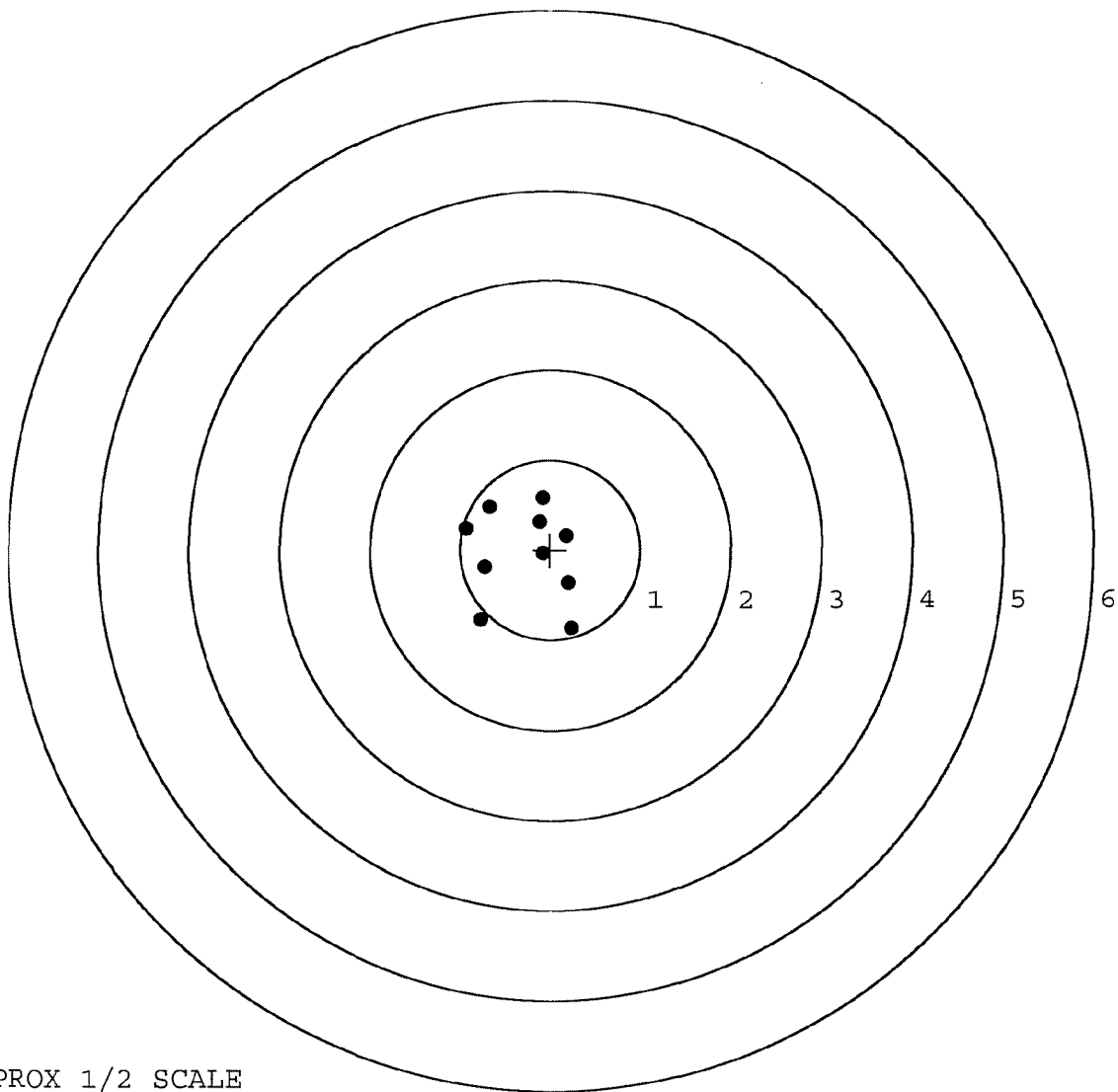
TARGET APPROX 1/2 SCALE

BARBER - M24 0161623

SERIAL NUMBER: G6300528. __0
 TARGET NUMBER: 3
 FILE DATE: 04/22/2004
 FILE TIME: 06:22

POINT#	X	Y
1:	0.240	-0.879
2:	-0.779	-0.784
3:	-0.729	-0.194
4:	-0.938	0.238
5:	-0.686	0.479
6:	-0.089	0.578
7:	-0.124	0.312
8:	0.174	0.158
9:	-0.083	-0.042
10:	0.206	-0.367

X CENTROID: -0.281
 Y CENTROID: -0.050
 POA TO CENTROID: 0.285
 HORZ SPREAD: 1.178
 VERT SPREAD: 1.457
 GROUP SPREAD: 1.644
 MIN RADIUS: 0.198
 MAX RADIUS: 0.979
 MEAN RADIUS: 0.605
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0161624

SERIAL NUMBER: G6300528. __0

TARGET NUMBER: 4

FILE DATE: 04/22/2004

FILE TIME: 06:22

POINT#	X	Y
1:	0.294	-0.614
2:	-0.227	-0.904
3:	-0.538	-1.140
4:	-0.656	-0.805
5:	-1.094	0.418
6:	-0.298	0.752
7:	0.021	0.608
8:	-0.154	0.292
9:	0.271	-0.083
10:	-0.082	-0.269

X CENTROID: -0.246

Y CENTROID: -0.174

POA TO CENTROID: 0.302

HORZ SPREAD: 1.388

VERT SPREAD: 1.892

GROUP SPREAD: 1.730

MIN RADIUS: 0.190

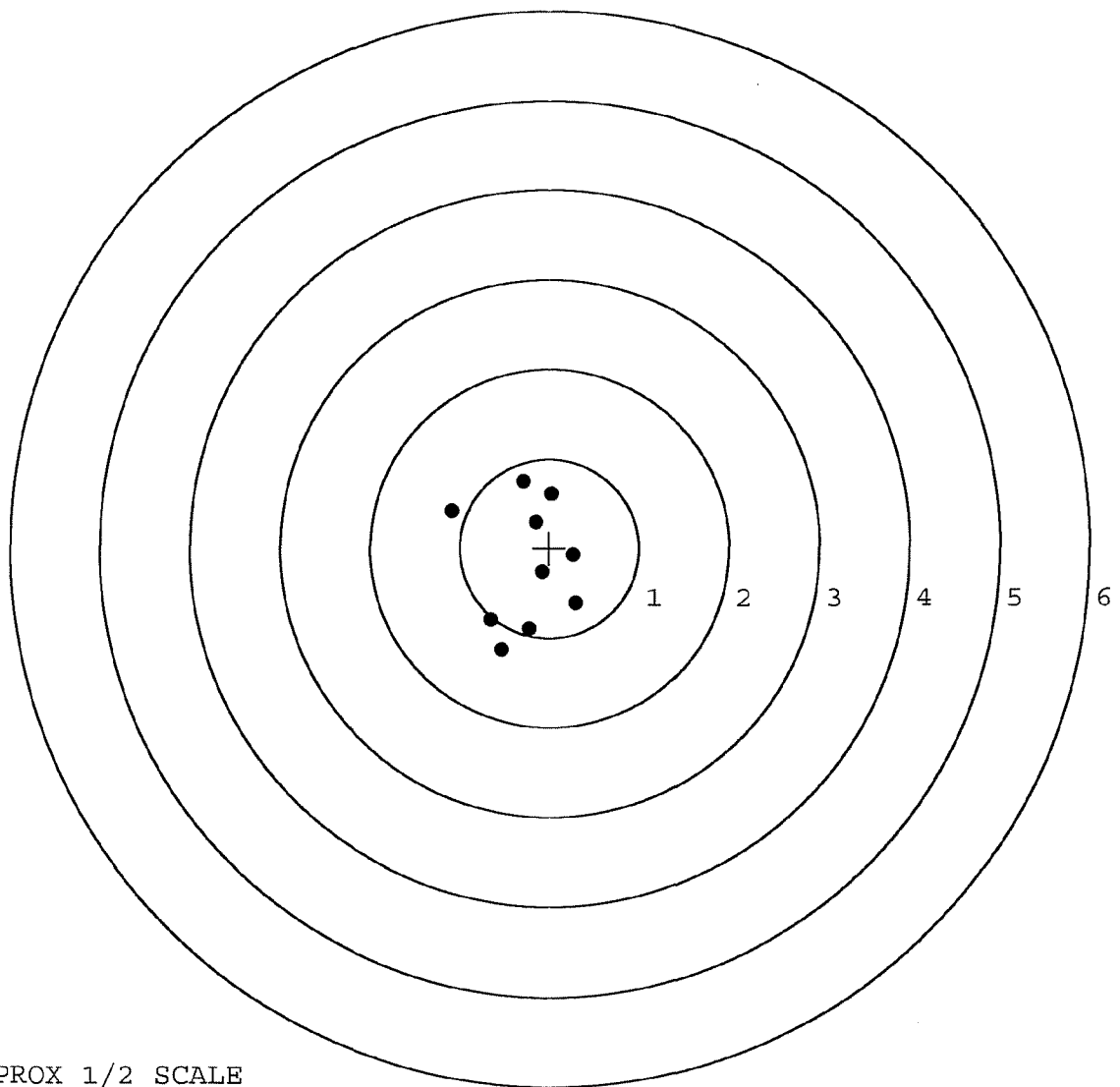
MAX RADIUS: 1.034

MEAN RADIUS: 0.717

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0161625

SERIAL NUMBER: G6300528. __0

TARGET NUMBER: 5

FILE DATE: 04/22/2004

FILE TIME: 06:22

POINT#	X	Y
1:	0.724	0.569
2:	0.451	-0.378
3:	-0.183	-0.838
4:	-0.210	-0.540
5:	0.311	0.175
6:	0.181	0.216
7:	-0.096	0.354
8:	-0.161	0.116
9:	-0.232	-0.030
10:	-0.090	-0.075

X CENTROID: 0.069

Y CENTROID: -0.043

POA TO CENTROID: 0.082

HORZ SPREAD: 0.956

VERT SPREAD: 1.407

GROUP SPREAD: 1.674

MIN RADIUS: 0.163

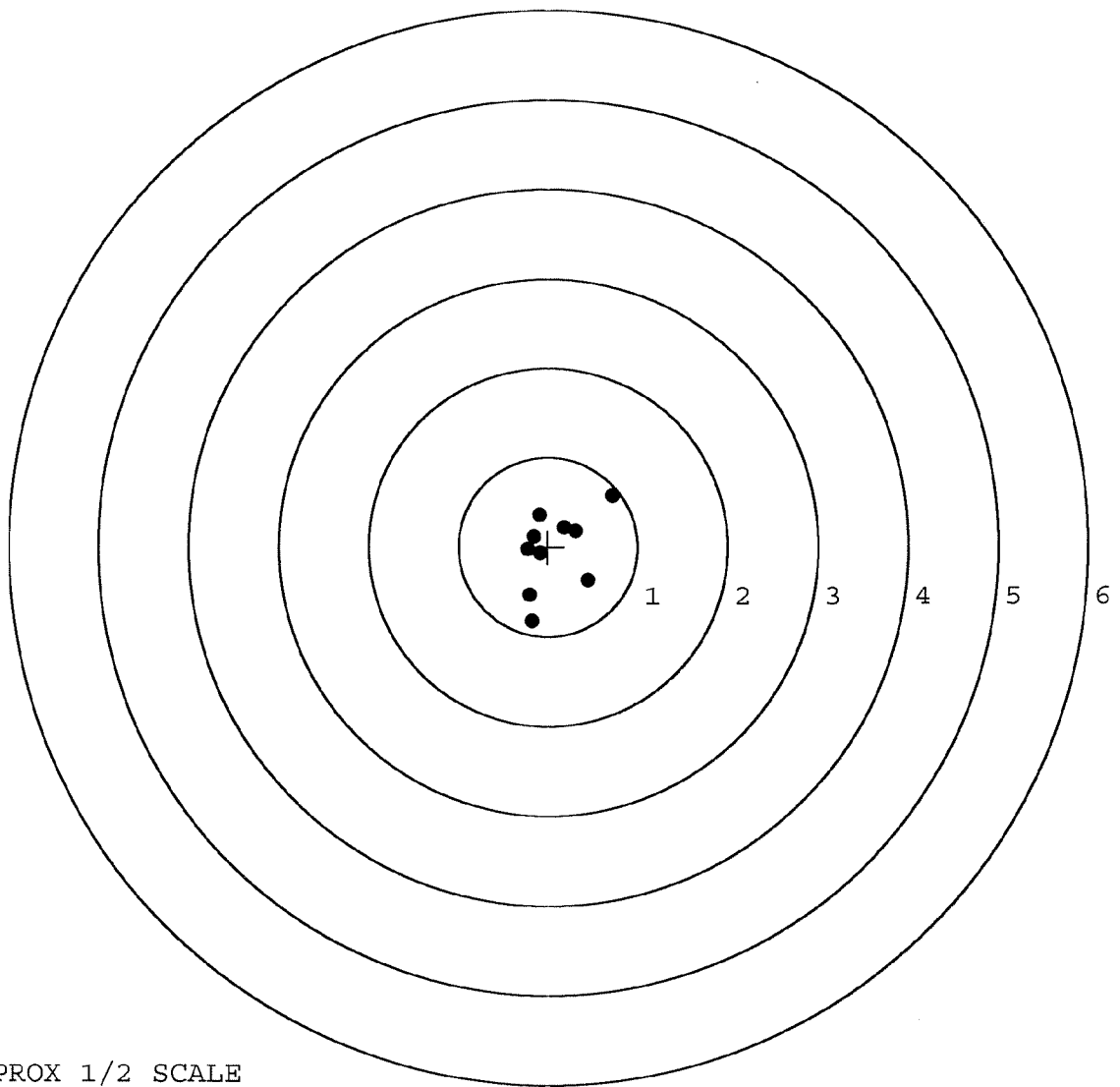
MAX RADIUS: 0.896

MEAN RADIUS: 0.459

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

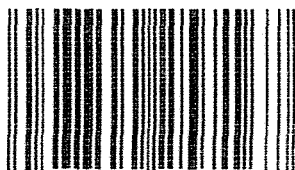
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

[illegible]

BARBER M24 0161627 79566			
SERIAL NUMBER	C6225596	G6300528 (New)	
LOG-IN DATE	4-2-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4/5/04	RTL
560 A	RE-BARREL	4-6-04	RR
B	DRILL AND TAP		
575	ASSEMBLE	4-6-04	RTL
600	PROOF	4-12-04	RTL
605	CHECK HEADSPACE	4-12-04	RTL
610	DIS-ASSEMBLE GUN	4-13-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	4-13-04	RTL
618	ROTO-BLAST	4/14/04	DG
620	APPLY COATINGS	4-16	TA
625 A	FINAL ASSEMBLY	4-21-04	RT
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-22-04	A
655	FINAL INSPECT	4-23-04	RT
660	PACK	4-27-04	OA
		SHIP DATE	
QAR INSPECTION DATE			

Remington ®		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6225596	UPC  0 47700 25716 7
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716	
 5716 C6225596			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225596

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9	88	RW
600	Proof	12 9	88	RW
607	Check Headspace	12 9	88	RW
610	Dis-assemble Gun	12 9	88	RW
612	Magnaflux Barrel Action		12 22 88	Pfc.
	Magnaflux Bolt		1-3 89	Pfc.
615	Rollmark Caliber		1/22/88	MJC
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	VJT
620	Apply Coatings (Barrel Action)		1-12-89	XJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/2/89	RW
	C) Inspect Ejector Hole for Chamfer		2/2/89	RW
	D) Oil Firing Pin Ass'y		2/2/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/2/89	AS

BARBER - M24 0164630								
op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			3/26/89	JS
	G) Safety Off Force	3	3	3			3/26/89	JS
	H) Trigger Pull Test & Retainability						2/26/89	JS
	I) Firing Pin Indent	.021	.021	.0215			3/26/89	JS
	J) Assemble Stock						2/8/89	RW
	K) Assemble Swivel Studs						1/18/89	JS
	L) Attach Front and Rear Sight Assemblies						2/8/89	RW
	M) Iron Sight Alignment						2/8/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/8/89	RW
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times						2/26/89	JS
640	Gallery Target & Test	67	2	84L			2/9/89	DH
	A) Time						2/9/89	DH
	B) Malfunctions						2/9/89	DH
	C) Pierced Primers						2/9/89	DH
	D) Optical Clarity of Scope						2/9/89	DH
645	Inspect for Live Ammo						2/9/89	DH
655	Final Inspection							
	A) Headspace						10/26/89	JS
	B) Trigger Pull	2.52	2.60	2.48	2.51	2.42	10/26/89	JS
	C) Function						10/26/89	JS
660	Pack						27 Mar 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5596

DATE 3-31-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.32	2.42		2.43	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.41		2.53	
PULL #3	2.49	2.39		2.54	
PULL #4	2.56	2.35		2.55	
PULL #5	2.49	2.46		2.56	
TOTAL	12.42	12.03		12.61	
AVG.	2.484	2.406		2.522	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.39		
PULL #2	3.42	3.41		
PULL #3	3.46	3.40		
PULL #4	3.36	3.38		
PULL #5	3.40	3.38		
TOTAL	17.11	16.96		
AVG.	3.422	3.392		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.67	4.32		
PULL #2	4.32	4.31		
PULL #3	4.35	4.27		
PULL #4	4.37	4.28		
PULL #5	4.21	4.26		
TOTAL	21.92	21.44		
AVG.	4.384	4.288		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225596
10 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.226292
1 TO	2	.249874
1 TO	3	.558202
1 TO	4	.472914
1 TO	5	.615248

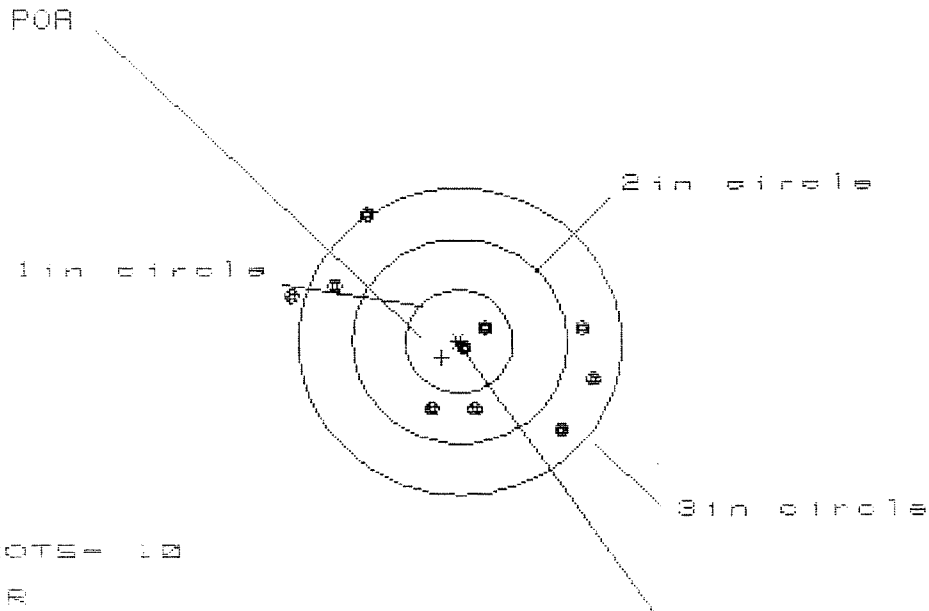
$\frac{1}{2} \frac{3}{4}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0698
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .3838
THE AMR FOR THIS RIFLE IS: .9156

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225596

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 0

HS= 2.770

VS= 2.168

GS= 2.899

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.250	1.081	.958
MINIMUM X	-1.520	-1.318	-1.441
MAXIMUM Y	1.283	1.333	.743
MINIMUM Y	-.885	-.835	-.668
CENTROID X	.162	.331	.454
CENTROID Y	.158	.108	-.059
POA TO CENTROID in.	.227	.348	.458
MIN RADIUS	.086	.090	.283
MEAN RADIUS	.979	.884	.780
MAX RADIUS	1.586	1.656	1.621
HORIZONTAL SPREAD	2.770	2.399	2.399
VERTICAL SPREAD	2.168	2.168	1.411
EXTREME SPREAD	2.899	2.768	2.572
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225596

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 10

HS= 1.820

VS= 2.018

GS= 2.151

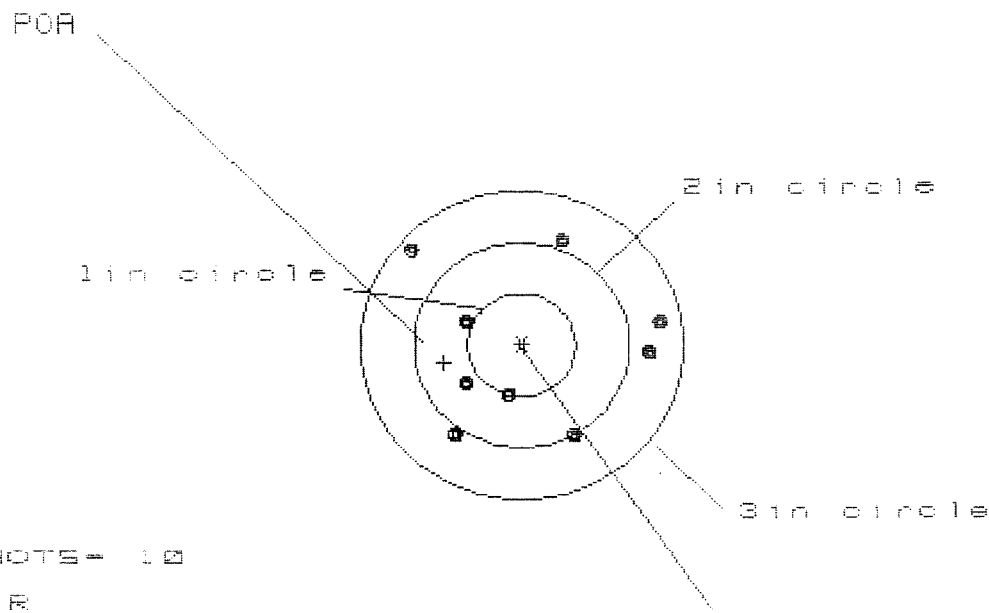
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.808	.714	.599
MINIMUM X	-1.012	-.922	-.801
MAXIMUM Y	.959	1.057	1.131
MINIMUM Y	-1.059	-.961	-.887
CENTROID X	.096	.006	.121
CENTROID Y	-.083	-.181	-.255
POA TO CENTROID in.	.126	.182	.282
MIN RADIUS	.336	.405	.393
MEAN RADIUS	.840	.794	.741
MAX RADIUS	1.202	1.149	1.264
HORIZONTAL SPREAD	1.820	1.636	1.400
VERTICAL SPREAD	2.018	2.018	2.018
EXTREME SPREAD	2.151	2.151	2.151
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225596

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 10

IN = 0.0000

VS = 1.926

GS = 0.447

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.281	1.164	1.191
MINIMUM X	-1.055	-0.782	-0.637
MAXIMUM Y	1.064	1.167	1.213
MINIMUM Y	-0.862	-0.759	-0.713
CENTROID X	0.720	0.837	0.692
CENTROID Y	0.173	0.070	0.024
POA TO CENTROID in.	0.740	0.840	0.692
MIN RADIUS	0.498	0.436	0.346
MEAN RADIUS	0.933	0.881	0.800
MAX RADIUS	1.402	1.221	1.285
HORIZONTAL SPREAD	2.336	1.946	1.828
VERTICAL SPREAD	1.926	1.926	1.926
EXTREME SPREAD	2.447	2.250	2.199
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	

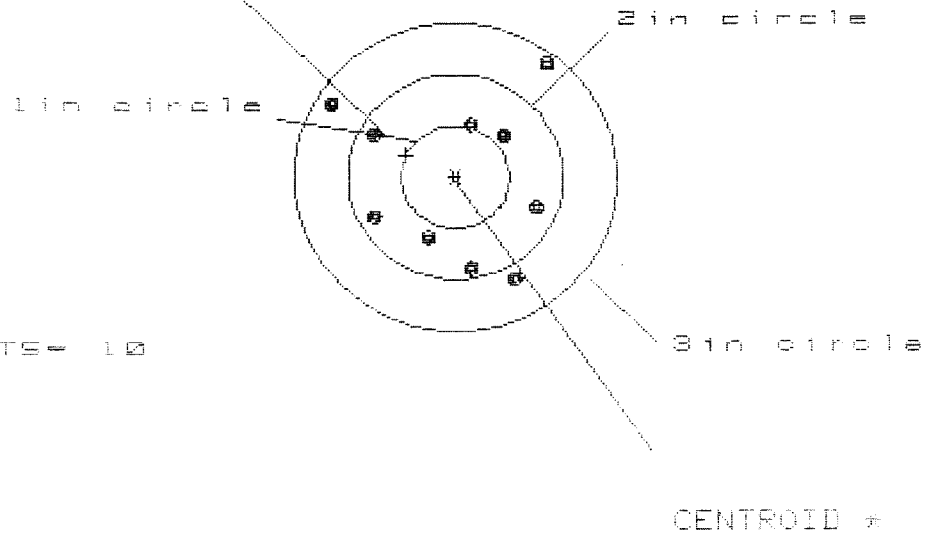
10 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225596

CENTERFIRE PATTERNS

4

POB



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 7

3 in = 10

HS= 1.984

VS= 2.101

GS= 2.391

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.827	.836	.705
MINIMUM X	-1.137	-1.045	-.814
MAXIMUM Y	1.128	.834	.742
MINIMUM Y	-.973	-.848	-.744
CENTROID X	.454	.362	.493
CENTROID Y	-.214	-.339	-.443
POB TO CENTROID in.	.502	.496	.663
MIN RADIUS	.539	.500	.482
MEAN RADIUS	.915	.850	.771
MAX RADIUS	1.398	1.337	1.046
HORIZONTAL SPREAD	1.964	1.881	1.519
VERTICAL SPREAD	2.101	1.682	1.486
EXTREME SPREAD	2.391	2.391	1.937
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225596

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.042

VS = 2.165

GS = 2.412

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.219	1.128	.620
MINIMUM X	-.823	-.895	-.754
MAXIMUM Y	1.135	1.028	.999
MINIMUM Y	-1.030	-1.137	-1.166
CENTROID X	.455	.546	.405
CENTROID Y	-.383	-.276	-.247
POA TO CENTROID in.	.595	.612	.475
MIN RADIUS	.362	.375	.243
MEAN RADIUS	.911	.867	.799
MAX RADIUS	1.268	1.181	1.234
HORIZONTAL SPREAD	2.042	2.023	1.374
VERTICAL SPREAD	2.165	2.165	2.165
EXTREME SPREAD	2.412	2.243	2.243
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

RECEIVING AND ESTIMATE REPORT

COMMENTS

ORDER
R 97-09523

INITIAL CUSTOMER ORDER NO.

JJM

012060

WOG 15 OF 19

M-24

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

05/14/97

05/14/97

BJ 1-89

C6225596

700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

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

NC 28307

SHIP TO:

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

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel Assy - 96001
Mag Spring - 15677Repowder Coat Trigger Guard
Assy, Front & Rear Sight Bases
ReZinc Scope Base & Swivel
Studs

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 M2409816177

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225596

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	5-16-97	AA
605	CHECK HEADSPACE	5-16-97	AA
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	7-10-97	RW
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	7-17-97	JW
655	FINAL INSPECT		
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

S.N. C6225596

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 0161641

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225596
17 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2388

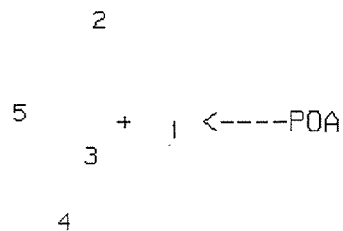
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.049

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .243775

THE AMR FOR THIS RIFLE IS: 1.235

CENTROIDAL DISTANCES

0 TO 1	.346394
1 TO 2	.898376
1 TO 3	.60277
1 TO 4	.978724
1 TO 5	1.06868

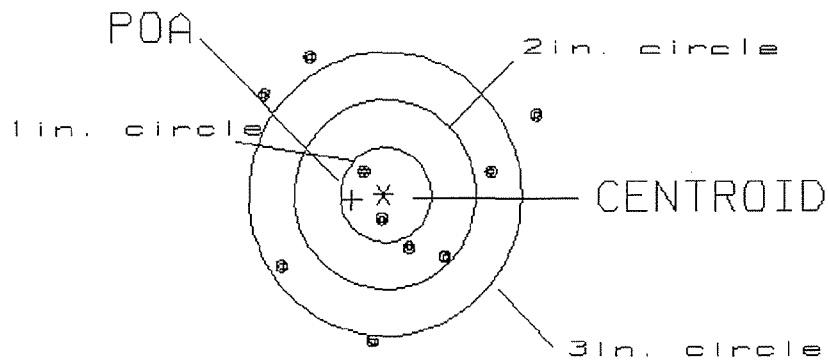


PATTERN #: 1
 POA TO CENTROID: .346
 MIN RADIUS : .223
 MEAN RADIUS : 1.157
 MAX RADIUS : 1.873
 CENTROID X : .342
 CENTROID Y : .055

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225596

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.05

2

VS= 3.06

4

GS= 3.22

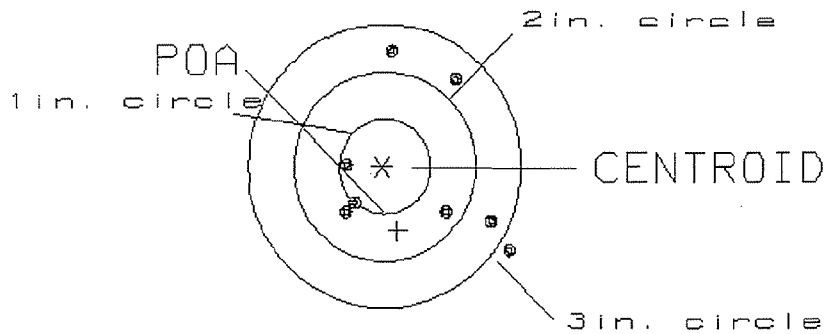
6

PATTERN #: 2
 POA TO CENTROID: .702
 MIN RADIUS : .456
 MEAN RADIUS : 1.378
 MAX RADIUS : 3.518
 CENTROID X : -.176
 CENTROID Y : .679

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225596

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.39

1

VS= 5.17

4

GS= 5.31

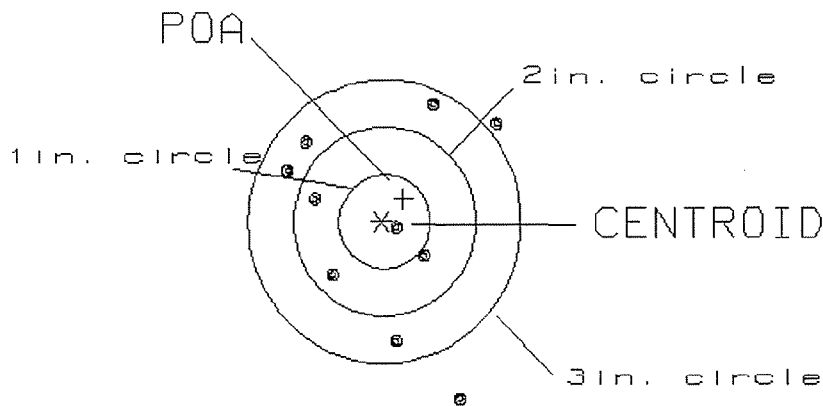
7

PATTERN #: 3
 POA TO CENTROID: .334
 MIN RADIUS : .102
 MEAN RADIUS : 1.098
 MAX RADIUS : 2.019
 CENTROID X : -.232
 CENTROID Y : -.239

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225596

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.34
 VS= 3.09
 GS= 3.16

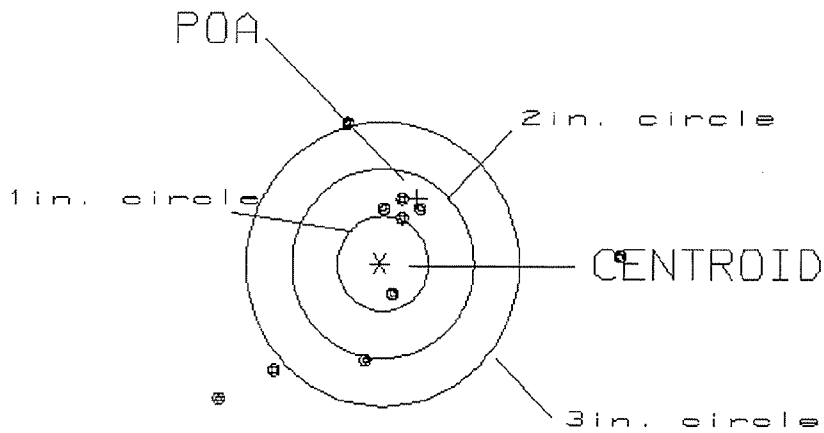
1
 4
 5

PATTERN #: 4
 POA TO CENTROID: .797
 MIN RADIUS : .332
 MEAN RADIUS : 1.195
 MAX RADIUS : 2.606
 CENTROID X : -.407
 CENTROID Y : -.685

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225596

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.38
 VS= 2.98
 GS= 4.64

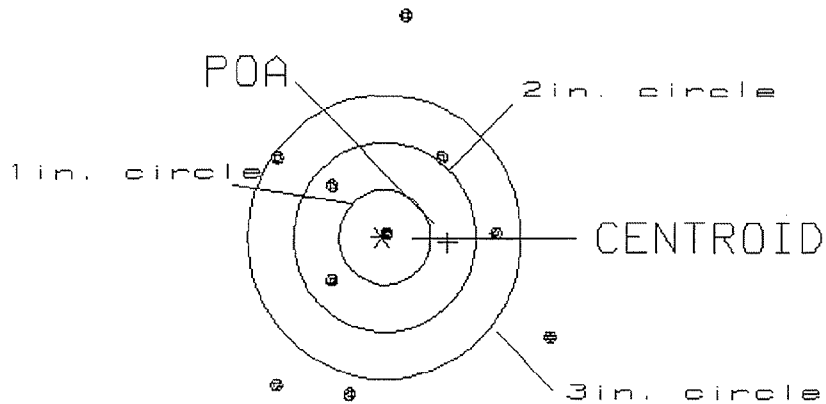
1
 5
 6

PATTERN #: 5
 POA TO CENTROID: .723
 MIN RADIUS : .045
 MEAN RADIUS : 1.346
 MAX RADIUS : 2.344
 CENTROID X : -.721
 CENTROID Y : .055

17 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/CG225596

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.05

1

VS= 4.00

3

GS= 4.13

5