

C6348755

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00158812

Serial: C6348755 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Verify Repair

Status:

Closed 1/14/2009 9:44:37 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEPARTMENT OF THE ARMY SUPPLY

DEPARTMENT OF THE ARMY SUPPLY

Address 1: B CO 2ND BN 3RD INFANTRY REGIMENT

B CO 2ND BN 3RD INFANTRY REGIMENT

Address 2: 3RD BRIGADE 2ND INFANTRY PO Box:

3RD BRIGADE 2ND INFANTRY PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

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
A010	Hard Case	1
A026	Scope	1

Repair Search

Refresh

Close

maglet

1/26/2009

11:33 AM

CAPS

NUM

INS

SCRL

start

Inbox, Micros...

FW: Request ...

Mon 19 Feb ...

(UNCLASSIFIED...

Microsoft Exc...

Arms Services...

11:33 AM

Serial Number:

C6348755

Model: M24 SWS



RE00158812

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348755.___0

FILE DATE AND TIME: 02/09/2009 15:11

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

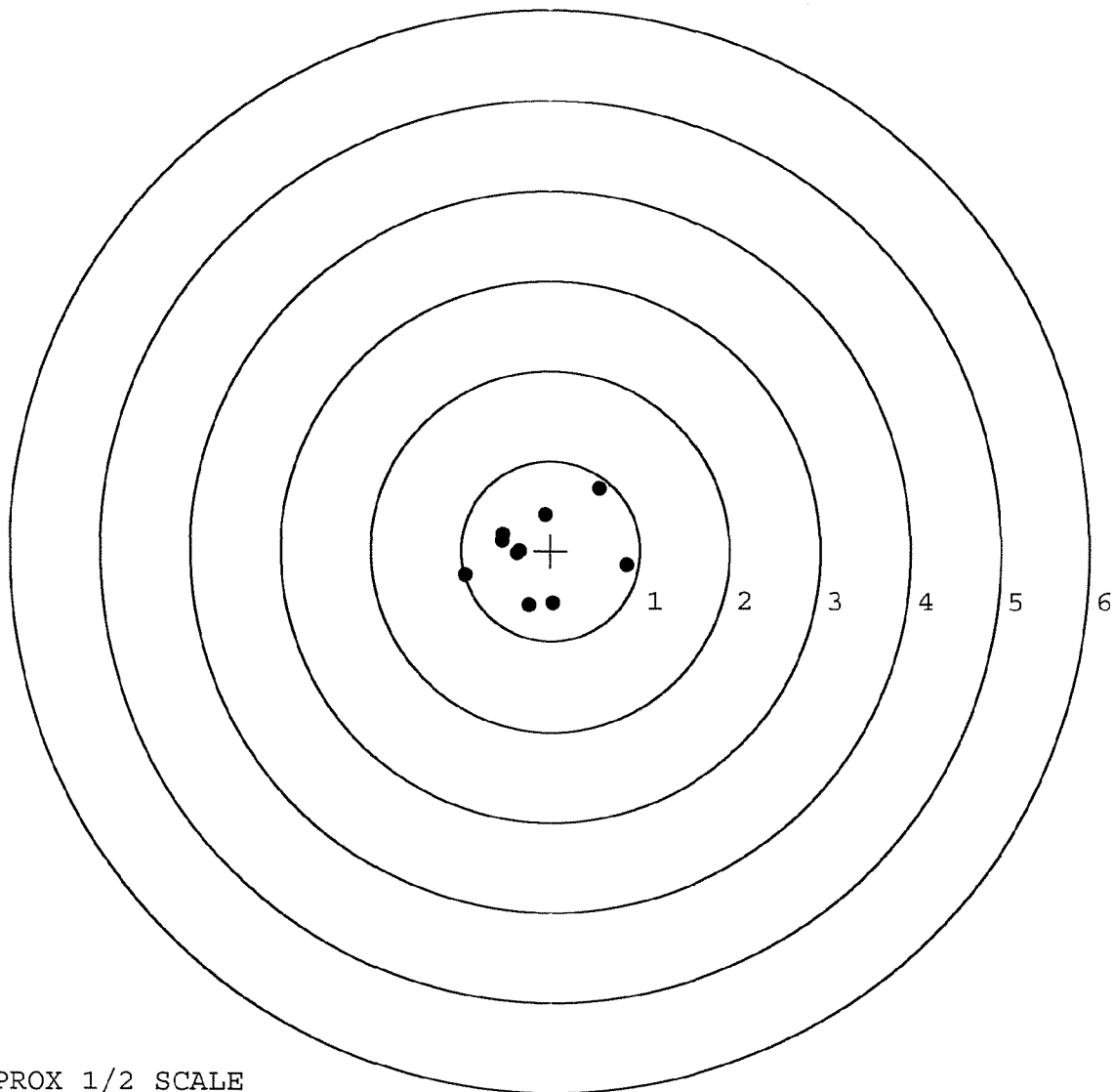
The Average X Centroid of the Five Target Set:	-0.044
The Average Y Centroid of the Five Target Set:	0.057
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.583
The Distance from POA to Centroid Target #1:	0.167
The Distance from Centroid Target #2 to Centroid Target #1:	0.125
The Distance from Centroid Target #3 to Centroid Target #1:	0.321
The Distance from Centroid Target #4 to Centroid Target #1:	0.199
The Distance from Centroid Target #5 to Centroid Target #1:	0.123

BARBER - M24 0063190

SERIAL NUMBER: C6348755. __0
TARGET NUMBER: 1
FILE DATE: 02/09/2009
FILE TIME: 15:11

POINT#	X	Y
1:	-0.958	-0.277
2:	0.542	0.694
3:	0.852	-0.160
4:	0.029	-0.584
5:	-0.246	-0.609
6:	-0.377	-0.034
7:	-0.352	-0.012
8:	-0.540	0.109
9:	-0.535	0.184
10:	-0.057	0.402

X CENTROID: -0.164
Y CENTROID: -0.029
POA TO CENTROID: 0.167
HORZ SPREAD: 1.810
VERT SPREAD: 1.303
GROUP SPREAD: 1.814
MIN RADIUS: 0.189
MAX RADIUS: 1.025
MEAN RADIUS: 0.571
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



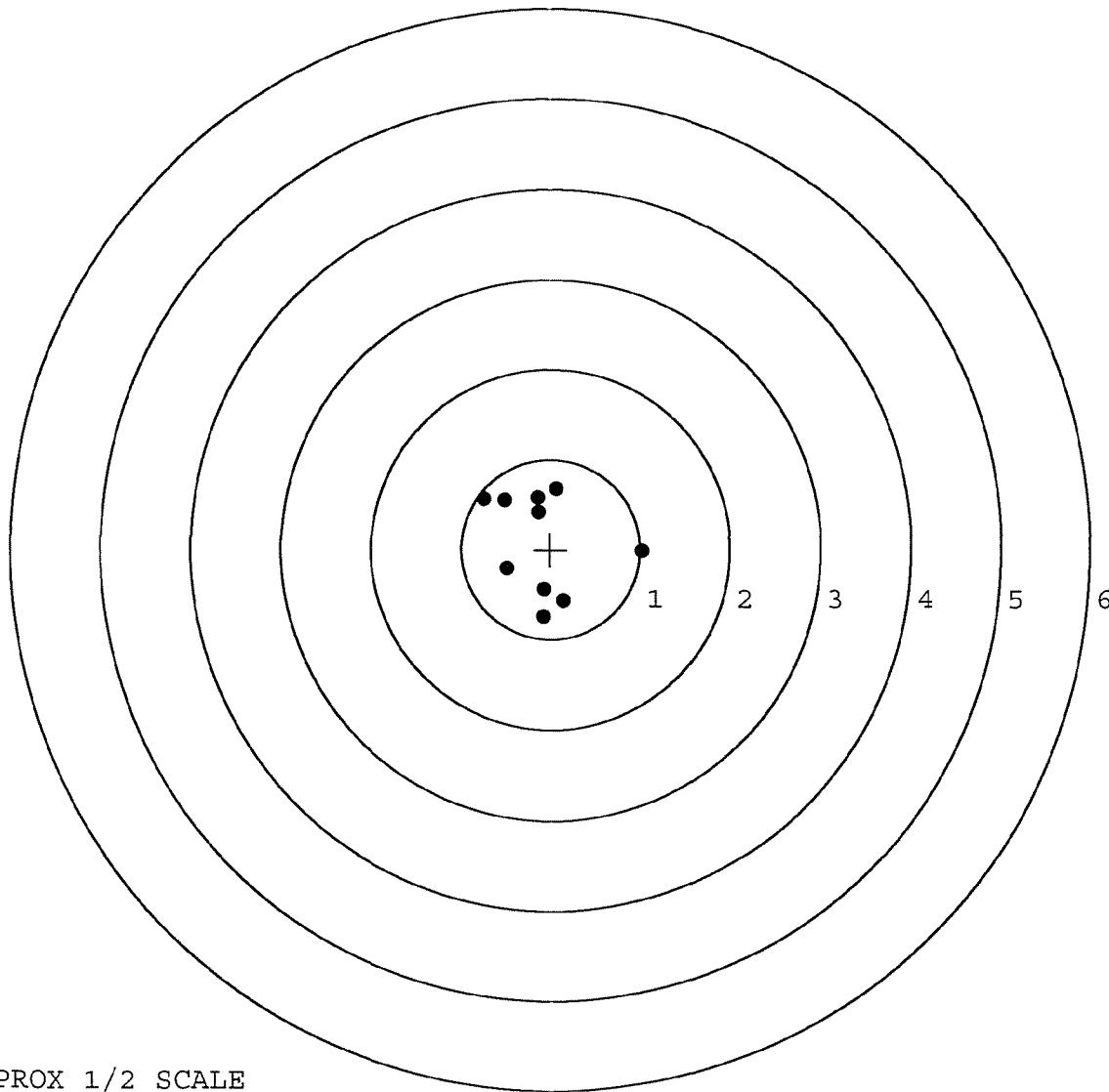
TARGET APPROX 1/2 SCALE

BARBER - M24 0063191

SERIAL NUMBER: C6348755. __0
 TARGET NUMBER: 2
 FILE DATE: 02/09/2009
 FILE TIME: 15:11

POINT#	X	Y
1:	1.025	-0.023
2:	0.060	0.678
3:	-0.492	-0.216
4:	-0.085	-0.754
5:	-0.514	0.551
6:	-0.744	0.565
7:	-0.147	0.576
8:	-0.145	0.418
9:	-0.077	-0.447
10:	0.146	-0.578

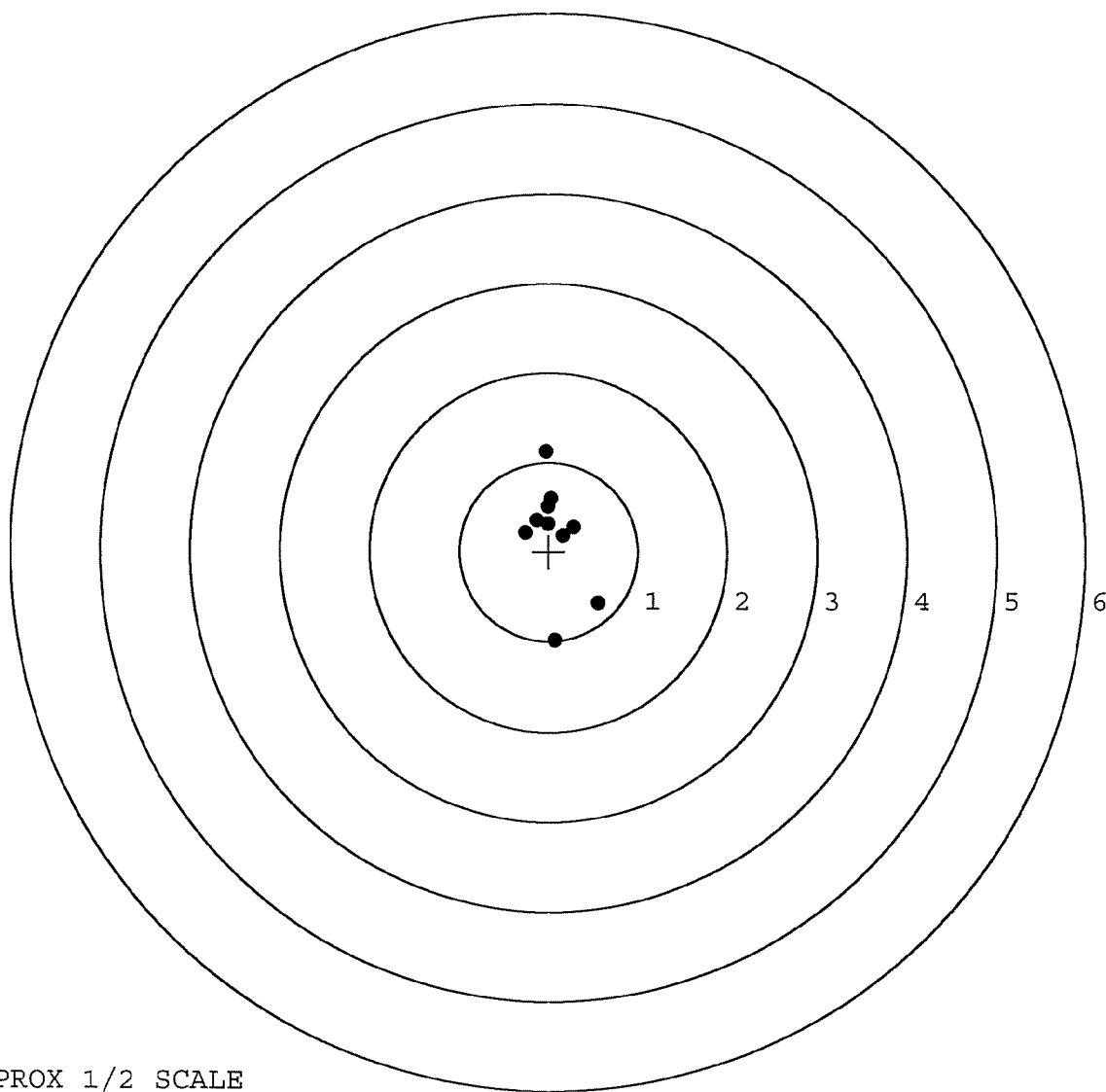
X CENTROID: -0.097
 Y CENTROID: 0.077
 POA TO CENTROID: 0.124
 HORZ SPREAD: 1.769
 VERT SPREAD: 1.432
 GROUP SPREAD: 1.864
 MIN RADIUS: 0.344
 MAX RADIUS: 1.127
 MEAN RADIUS: 0.658
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0063192

SERIAL NUMBER: C6348755. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.067	-0.998
FILE DATE: 02/09/2009	2:	0.555	-0.580
FILE TIME: 15:11	3:	-0.029	1.125
	4:	0.031	0.598
X CENTROID: 0.065	5:	-0.009	0.501
Y CENTROID: 0.196	6:	-0.139	0.347
POA TO CENTROID: 0.206	7:	-0.265	0.213
HORZ SPREAD: 0.820	8:	0.280	0.271
VERT SPREAD: 2.123	9:	0.165	0.174
GROUP SPREAD: 2.125	10:	-0.011	0.308
MIN RADIUS: 0.103			
MAX RADIUS: 1.194			
MEAN RADIUS: 0.481			
# IN 1 IN DIAMETER: 7			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



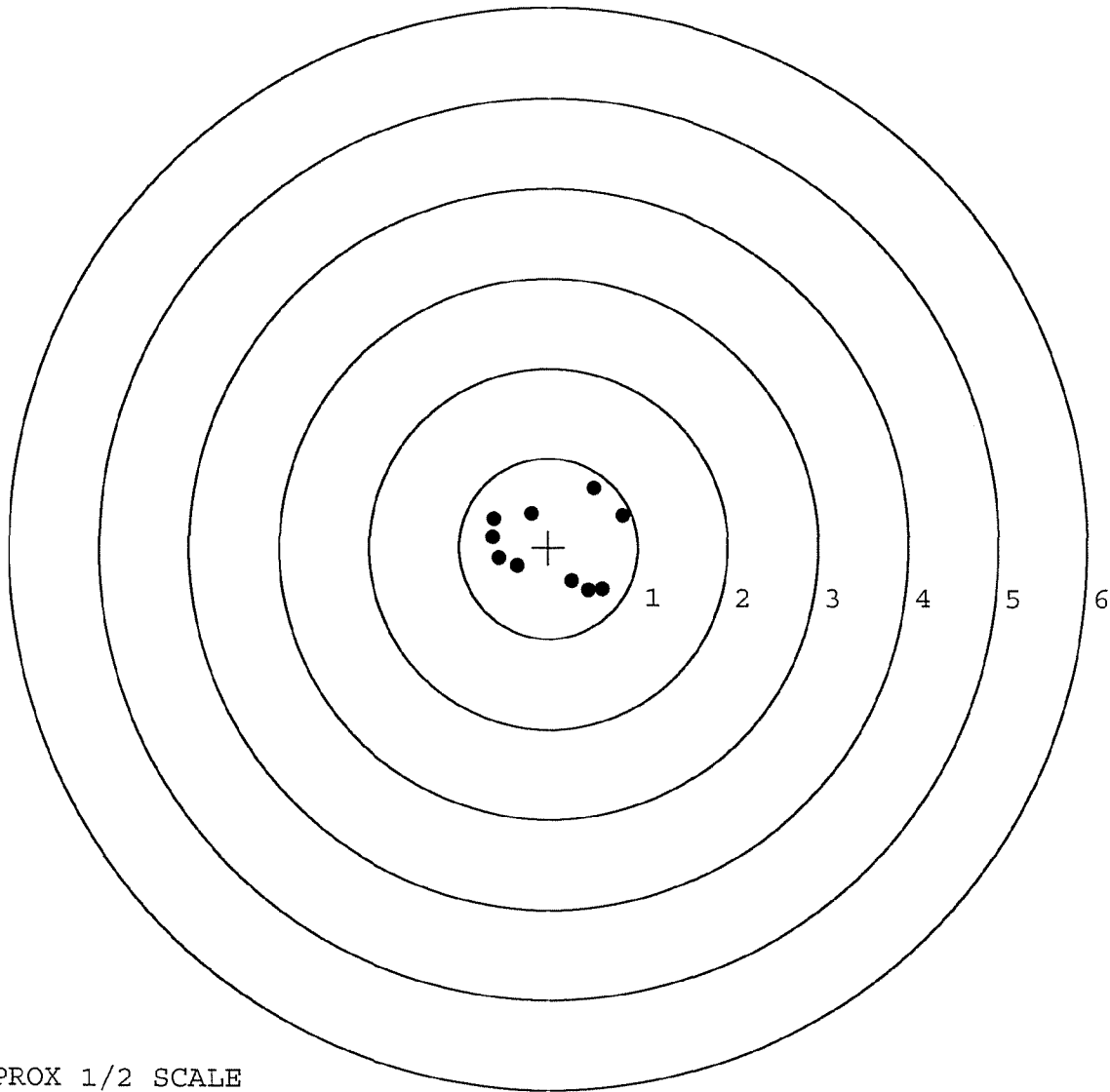
TARGET APPROX 1/2 SCALE

BARBER - M24 0063193

SERIAL NUMBER: C6348755. 0
 TARGET NUMBER: 4
 FILE DATE: 02/09/2009
 FILE TIME: 15:11

POINT#	X	Y
1:	0.501	0.663
2:	0.828	0.357
3:	0.601	-0.465
4:	0.449	-0.475
5:	0.264	-0.376
6:	-0.198	0.375
7:	-0.554	-0.123
8:	-0.623	0.110
9:	-0.620	0.319
10:	-0.350	-0.212

X CENTROID: 0.030
 Y CENTROID: 0.017
 POA TO CENTROID: 0.034
 HORZ SPREAD: 1.451
 VERT SPREAD: 1.138
 GROUP SPREAD: 1.472
 MIN RADIUS: 0.424
 MAX RADIUS: 0.867
 MEAN RADIUS: 0.636
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0063194

SERIAL NUMBER: C6348755. __0

TARGET NUMBER: 5

FILE DATE: 02/09/2009

FILE TIME: 15:11

POINT#	X	Y
1:	-0.659	1.103
2:	-0.318	0.489
3:	0.195	-0.781
4:	0.730	0.222
5:	0.425	-0.079
6:	0.323	-0.395
7:	-0.329	0.042
8:	-0.486	-0.100
9:	-0.304	-0.065
10:	-0.101	-0.200

X CENTROID: -0.052

Y CENTROID: 0.024

POA TO CENTROID: 0.057

HORZ SPREAD: 1.389

VERT SPREAD: 1.884

GROUP SPREAD: 2.069

MIN RADIUS: 0.229

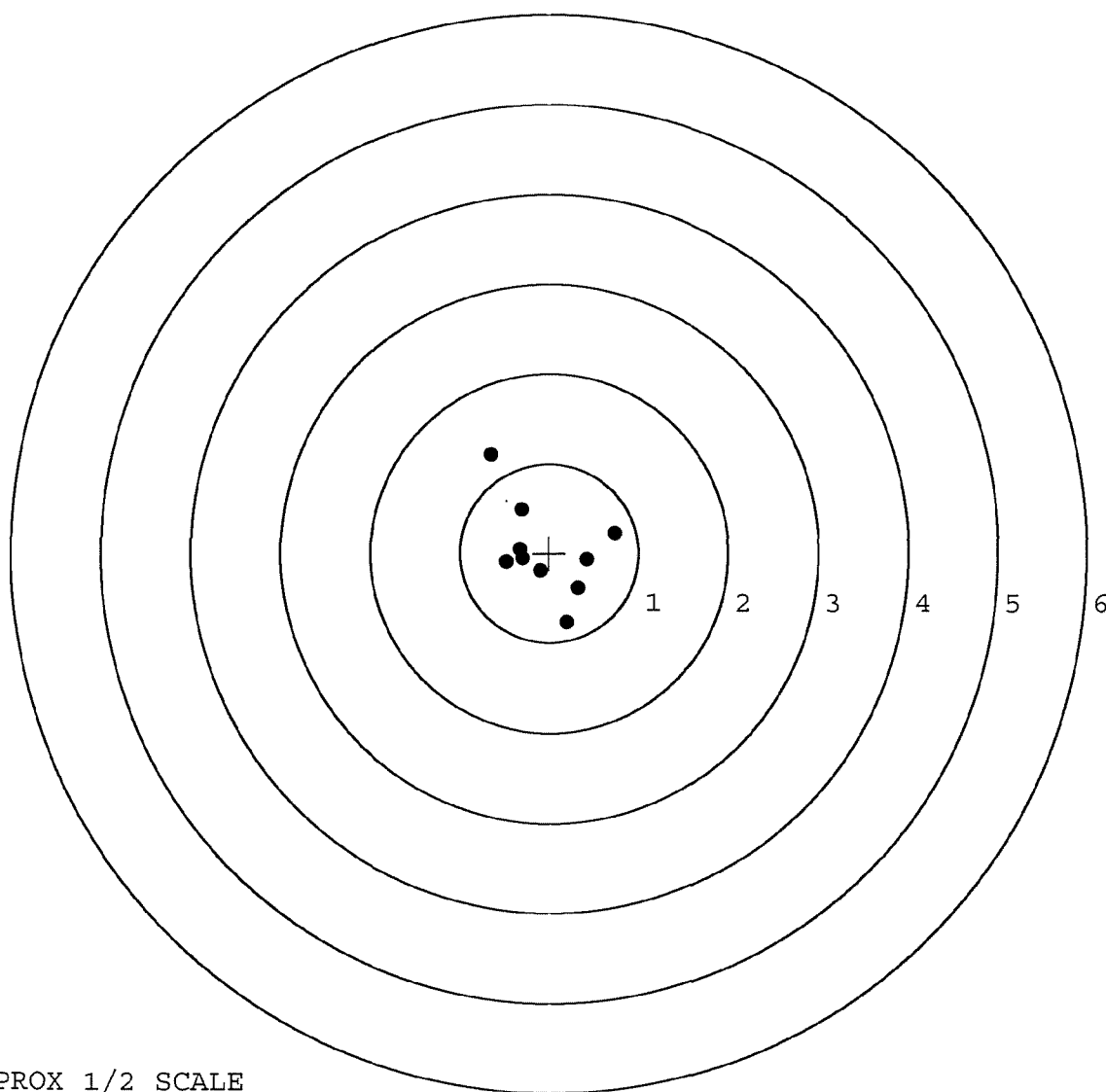
MAX RADIUS: 1.238

MEAN RADIUS: 0.570

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER 158812SERIAL NUMBER C6348755LOG-IN DATE 1-14-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-27-09	RT
505	RE-BARREL	1-29-09	RT
560	ASSEMBLE	1-29-09	RT
600	PROOF	1-29-09	S.P.D.
605	CHECK HEADSPACE	1-29-09	S.P.D.
610	DIS-ASSEMBLE GUN	1-29-09	S.P.D.
612	MAGNAFLUX	2/2/09	RT
510	DRILL AND TAP	1-28-09	SP
615	ROLLMARK CALIBER	2/2/09	RT
618	ROTO-BLAST	2/2/09	SP
620	APPLY COATINGS	2-5	
625	FINAL ASSEMBLY	2-9-09	RT
640	FUNCTION TEST AND	PASS FAIL 2-9-09	TC
650	TARGET	PASS FAIL 2-9-09	TC
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-9-09	WV
	A) HEADSPACE	PASS FAIL 2-10-09	RT
	B) TRIGGER PULL	2.29 2.34 2.29 2.24 2.25 2-10-09	WV
680	F) SAFETY ON FORCE	3.0 3.0 3.0 2-10-09	RT
	G) SAFETY OFF FORCE	3.0 5.0 5.0 2-10-09	RT
	I) FIRING PIN INDENT	.022 .022 .022 2-10-09	WV
690	PACK	3/25/09	FM

APD PE v1.10

Arms Services Repair & Estimate System
BARBER - M24 0063197

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00069149** Serial: C6348755 Model 700 CenterFire Caliber: 7 Repairman:
 Verify Repair 62 NATO M/24 SWS Status: New 8/25/2003 11:48:55 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: **3RD BDE** **3RD BDE**
 Address 1: **BLDG 03213 FAITH AVE** **BLDG 03213 FAITH AVE**
 Address 2: **1 LT MCCULLOUGH2539665588** PO Box: **1 LT MCCULLOUGH2539665588** PO Box:
 City: **FT LEWIS** **FT LEWIS**
 State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** 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
A006	Sling Strap	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
C000	FRT AND REAR BAS	1

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

nagleij 8/25/2003 12:44 PM CAPS NUM INS SCFL

start 5 Micros Arms Servi... Part Search 2 Intern... 2 Micros CERTIFIC 12:44 PM

Serial Number: **C6348755**
 Model: **700**

RE00069149

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 8-26-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.52	2.59		2.82	
PULL #2	2.45	2.56		2.75	
PULL #3	2.50	2.31		2.82	
PULL #4	2.49	2.49		2.74	
PULL #5	2.68	2.59		2.77	
TOTAL	12.64	12.54		13.90	
AVERAGE	2.52	2.50		2.78	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.39		
PULL #2	3.22	3.49		
PULL #3	3.27	3.11		
PULL #4	3.28	3.28		
PULL #5	3.27	3.33		
TOTAL	16.36	16.60		
AVERAGE	3.27	3.32		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.49	4.31		4.43
PULL #2	4.35	4.39		4.40
PULL #3	4.19	4.16		4.11
PULL #4	4.26	4.37		4.45
PULL #5	4.44	4.38		4.42
TOTAL	21.73	21.61		21.81
AVERAGE	4.34	4.32		4.36

PACKING LIST		PACKED BY Bco. Arms Room	1. NO. BOXES 1	2a. REQUISITION NO.		
				2b. ORDER NO.		
3. END ITEM M24 Sniper Weapons System				4. DATE 22 Aug 03		
				5. PAGE <u>1</u> OF <u>1</u> PAGES		
BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED			
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)	
	M24 SWS SN# 06348755	1	1	0	1	
	M3A Leopold 10x Scope SN# 890630	1	1	0	1	
	Leather Sling	1	1	0	1	
	Harris bipods	1	1	0	1	
	hard Case SN# 66348756	1	1	0	1	
	New Deployment Kit, Sling					

SERIAL # C6348755 INSPECTED BY: RTLDATE REC'D: 8-25-03 DATE RET'D: 9-16-03

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: New Sling,Deployment Kit

R & E NUMBER	69149		
SERIAL NUMBER	C6348755		
LOG-IN DATE	8-25-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-26-03	RTL
560 A	RE-BARREL	8-27-03	RTL
B	DRILL AND TAP	8-27-03	TRW
575	ASSEMBLE	8-27-03	RTL
600	PROOF	8-27-03	AC
605	CHECK HEADSPACE	8-27-03	RTL
610	DIS-ASSEMBLE GUN	8-27-03	RTL
612	MAGNAFLUX	8-27-03	RTL
615	ROLLMARK CALIBER	8-28-03	JB
618	ROTO-BLAST	8-29-03	JB
620	APPLY COATINGS	9-12	TA
625 A	FINAL ASSEMBLY	9-13-03	RTL
261 276, 277 B 273 282	TRIGGER PULL TEST	9/17/03	DA
C	SAFETY "ON" FORCE	9/17/03	DA
D	SAFETY "OFF" FORCE	9/17/03	DA
E	FIRING PIN INDENT	9/17/03	DA
640	TARGET	9-15-03	TRW
655	FINAL INSPECT	9-16-03	RTL
660	PACK	9-16-03	DA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348755.___0
FILE DATE AND TIME: 09/15/2003 09:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

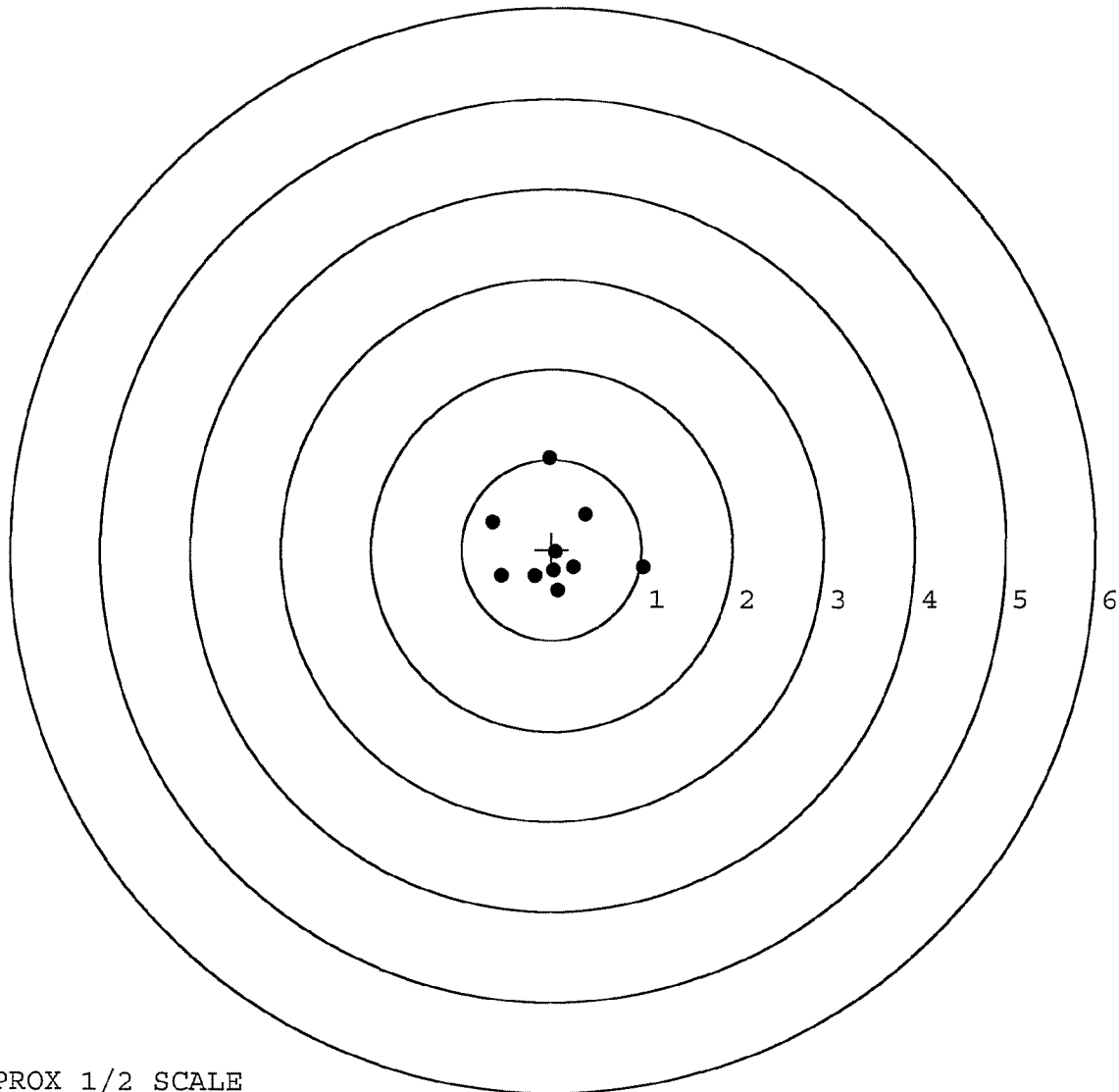
The Average X Centroid of the Five Target Set:	0.011
The Average Y Centroid of the Five Target Set:	-0.068
The Average Point of Impact of the Five Target Set:	0.069
The Average Mean Radius of the Five Target Set:	0.671
The Distance from POA to Centroid Target #1:	0.032
The Distance from Centroid Target #2 to Centroid Target #1:	0.196
The Distance from Centroid Target #3 to Centroid Target #1:	0.129
The Distance from Centroid Target #4 to Centroid Target #1:	0.044
The Distance from Centroid Target #5 to Centroid Target #1:	0.197

BARBER - M24 0063203

SERIAL NUMBER: C6348755. __0
 TARGET NUMBER: 1
 FILE DATE: 09/15/2003
 FILE TIME: 09:45

POINT#	X	Y
1:	1.014	-0.202
2:	0.367	0.389
3:	-0.031	1.019
4:	-0.662	0.304
5:	-0.560	-0.297
6:	0.073	-0.456
7:	-0.190	-0.296
8:	0.243	-0.201
9:	0.044	-0.028
10:	0.021	-0.238

X CENTROID: 0.032
 Y CENTROID: -0.001
 POA TO CENTROID: 0.032
 HORZ SPREAD: 1.676
 VERT SPREAD: 1.475
 GROUP SPREAD: 1.607
 MIN RADIUS: 0.030
 MAX RADIUS: 1.022
 MEAN RADIUS: 0.534
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0063204

SERIAL NUMBER: C6348755. __0

TARGET NUMBER: 2

FILE DATE: 09/15/2003

FILE TIME: 09:45

POINT#	X	Y
1:	-0.048	-0.538
2:	-0.539	-0.346
3:	-0.736	-0.847
4:	-0.501	-0.758
5:	-0.393	1.201
6:	0.320	-0.138
7:	-0.062	0.003
8:	0.084	0.099
9:	0.233	0.249
10:	0.103	0.460

X CENTROID: -0.154

Y CENTROID: -0.062

POA TO CENTROID: 0.166

HORZ SPREAD: 1.056

VERT SPREAD: 2.048

GROUP SPREAD: 2.077

MIN RADIUS: 0.112

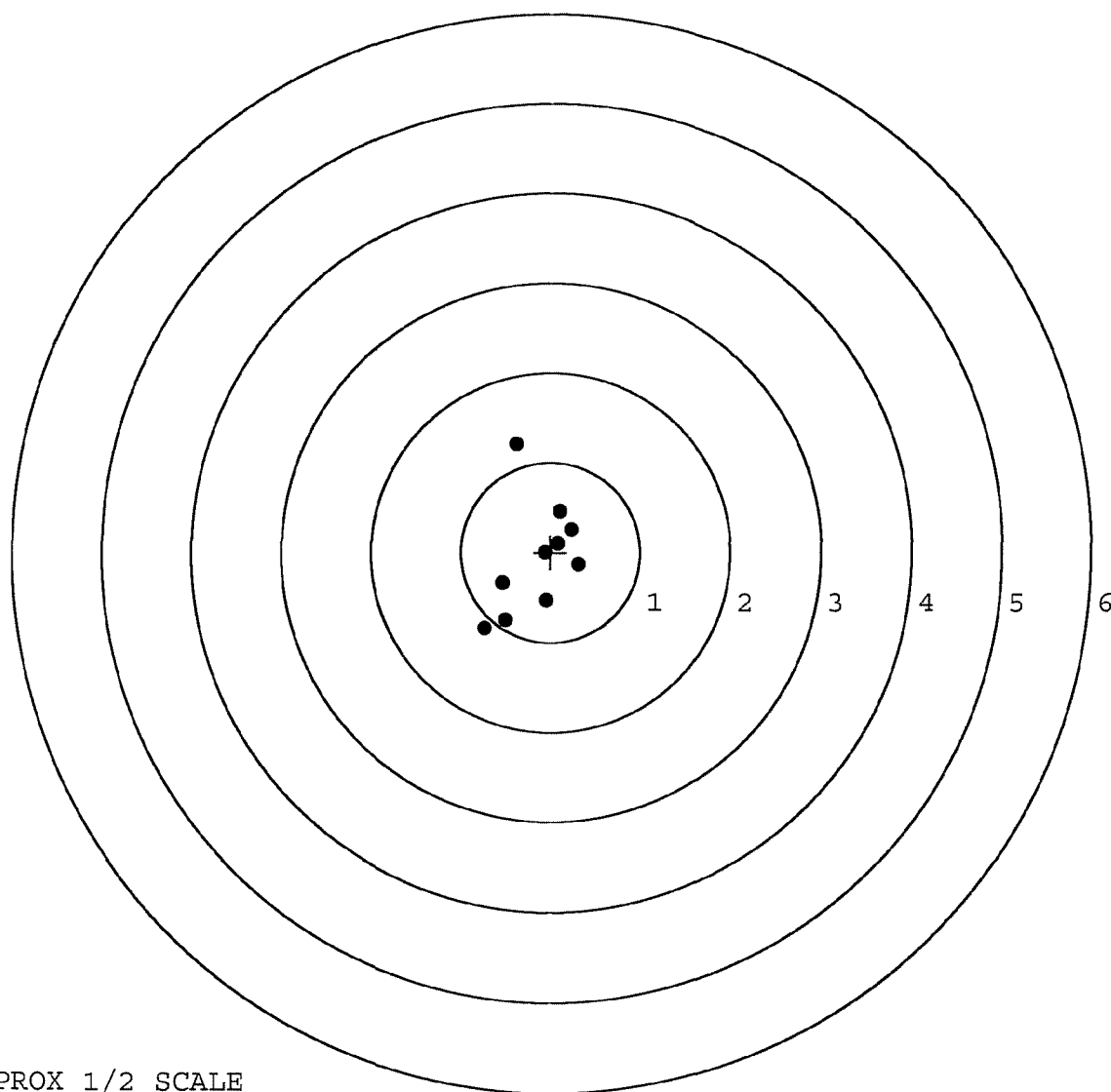
MAX RADIUS: 1.285

MEAN RADIUS: 0.596

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



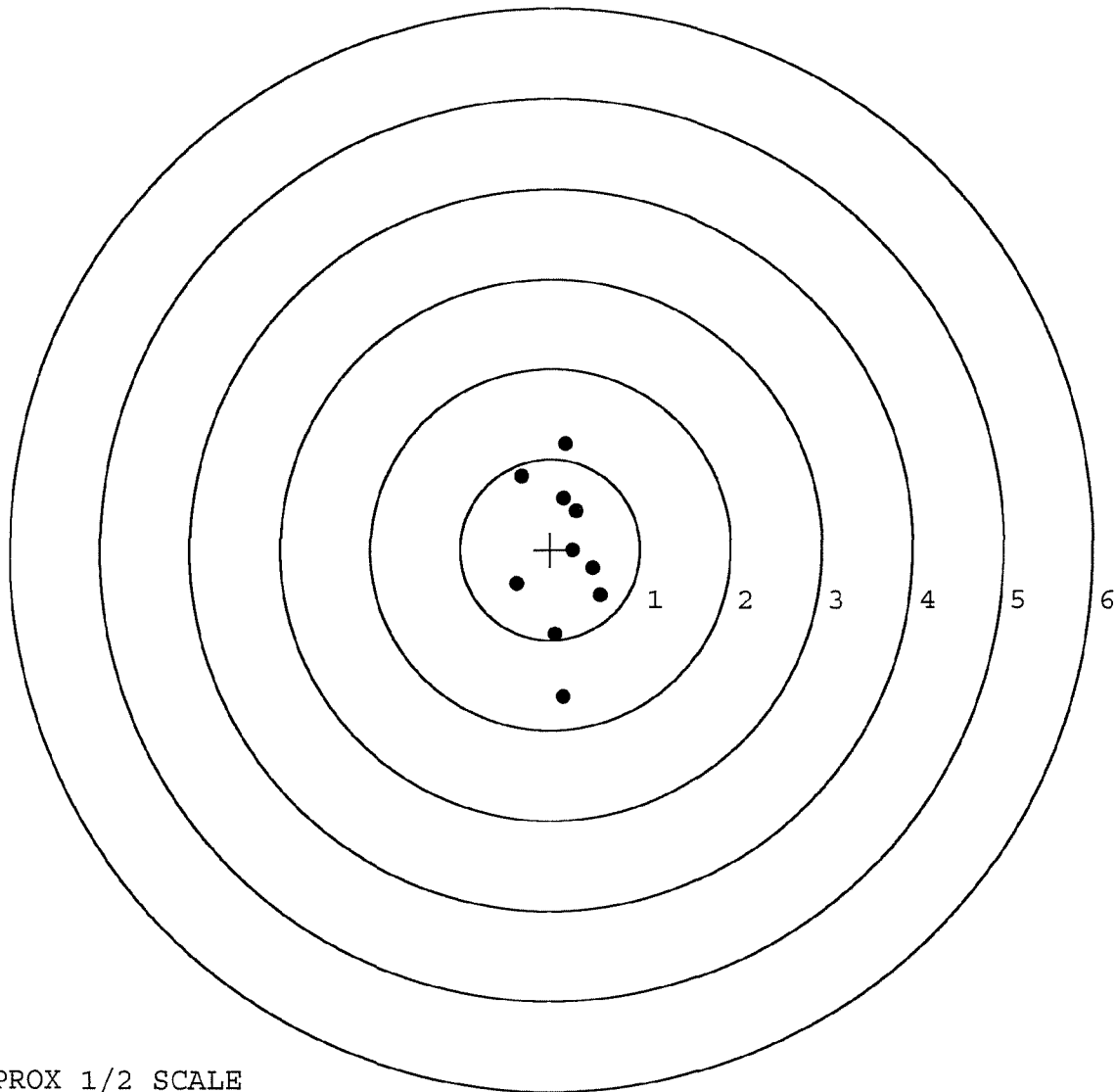
TARGET APPROX 1/2 SCALE

BARBER - M24 0063205

SERIAL NUMBER: C6348755. __0
TARGET NUMBER: 3
FILE DATE: 09/15/2003
FILE TIME: 09:45

POINT#	X	Y
1:	0.148	-1.636
2:	0.060	-0.942
3:	-0.374	-0.380
4:	0.557	-0.509
5:	0.478	-0.212
6:	0.251	-0.012
7:	0.282	0.425
8:	0.146	0.561
9:	0.161	1.162
10:	-0.328	0.807

X CENTROID: 0.138
Y CENTROID: -0.074
POA TO CENTROID: 0.156
HORZ SPREAD: 0.931
VERT SPREAD: 2.798
GROUP SPREAD: 2.798
MIN RADIUS: 0.129
MAX RADIUS: 1.562
MEAN RADIUS: 0.752
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



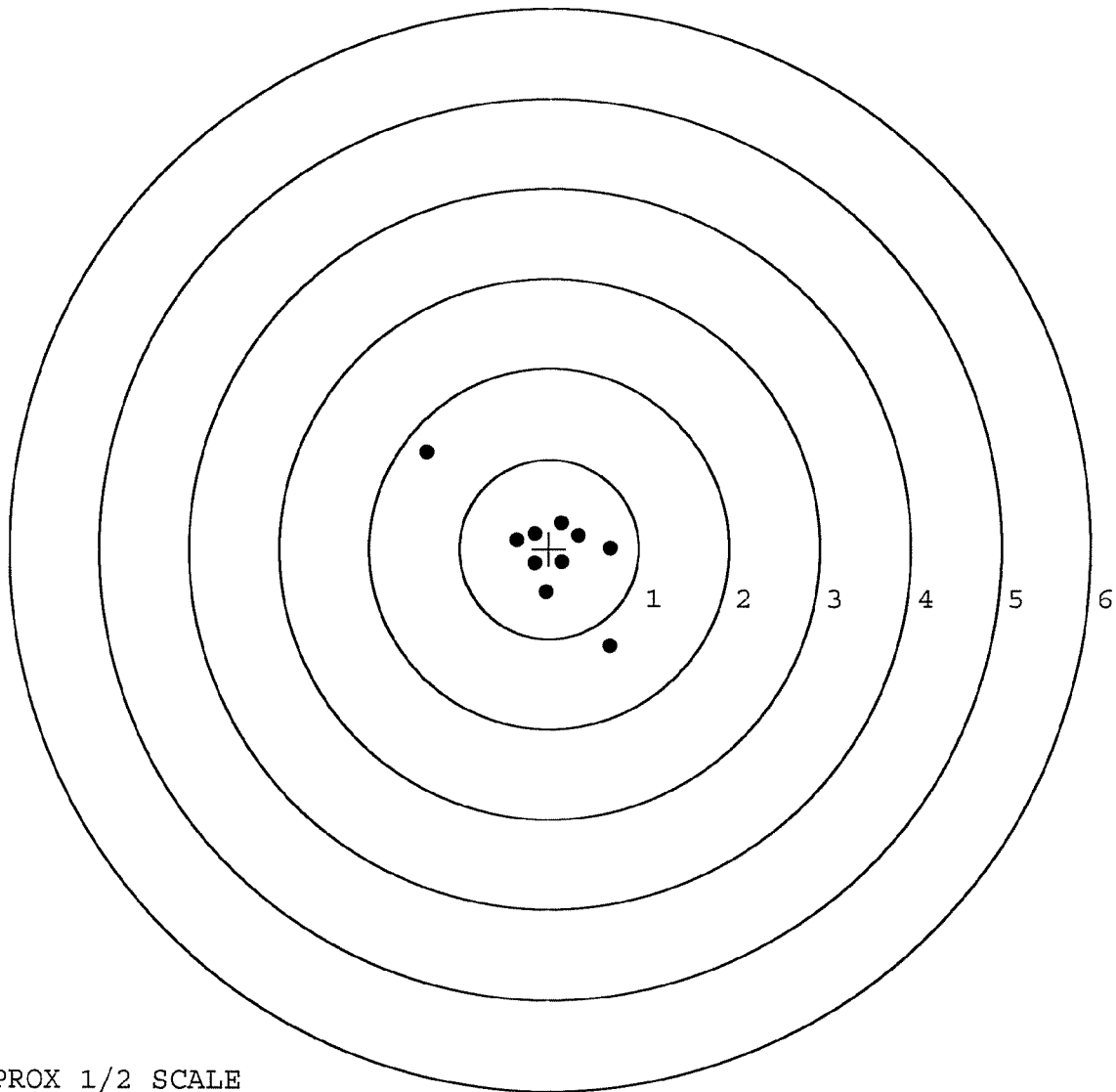
TARGET APPROX 1/2 SCALE

BARBER - M24 0063206

SERIAL NUMBER: C6348755. __0
 TARGET NUMBER: 4
 FILE DATE: 09/15/2003
 FILE TIME: 09:45

POINT#	X	Y
1:	0.685	-1.081
2:	0.686	0.010
3:	-1.371	1.079
4:	0.330	0.149
5:	0.138	0.287
6:	-0.160	0.173
7:	0.145	-0.147
8:	-0.039	-0.485
9:	-0.164	-0.164
10:	-0.366	0.095

X CENTROID: -0.012
 Y CENTROID: -0.008
 POA TO CENTROID: 0.014
 HORZ SPREAD: 2.057
 VERT SPREAD: 2.160
 GROUP SPREAD: 2.982
 MIN RADIUS: 0.209
 MAX RADIUS: 1.741
 MEAN RADIUS: 0.593
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



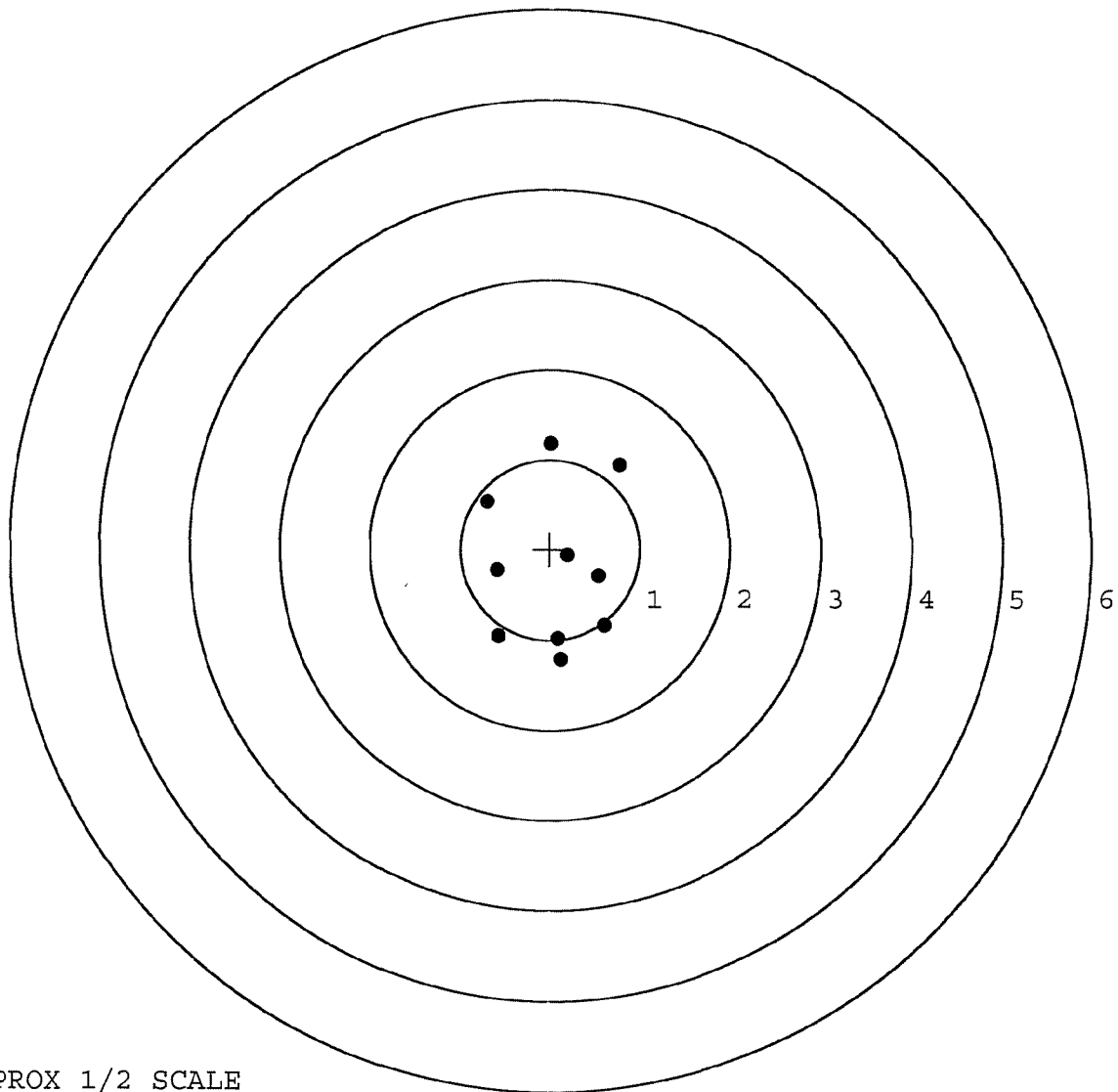
TARGET APPROX 1/2 SCALE

BARBER - M24 0063207

SERIAL NUMBER: C6348755. __0
TARGET NUMBER: 5
FILE DATE: 09/15/2003
FILE TIME: 09:45

POINT#	X	Y
1:	0.608	-0.846
2:	0.130	-1.214
3:	0.097	-0.991
4:	-0.572	-0.965
5:	0.545	-0.294
6:	0.194	-0.070
7:	-0.593	-0.238
8:	-0.694	0.531
9:	0.013	1.176
10:	0.779	0.946

X CENTROID: 0.051
Y CENTROID: -0.196
POA TO CENTROID: 0.203
HORZ SPREAD: 1.473
VERT SPREAD: 2.390
GROUP SPREAD: 2.393
MIN RADIUS: 0.191
MAX RADIUS: 1.373
MEAN RADIUS: 0.877
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348755

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 26	89	RW
600	Proof	9 26	89	RW
607	Check Headspace	9 26	89	RW
610	Dis-assemble Gun	9 26	89	RW
612	Magnaflux Barrel Action	REJECTED - 9/29/89		KCR
	Magnaflux Bolt			KCR
615	Rollmark Caliber	200 100 100 100 100 100		
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	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			
	C) Function			
660	Pack			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348755

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		11/2/89	KCK
	Magnaflux Bolt		11/2/89	KCK
615	Rollmark Caliber		11/2/89	G.S.
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-10-89	AC
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-10-89	AC
	C) Inspect Ejector Hole for Chamfer		11-10-89	AC
	D) Oil Firing Pin Ass'y		11-10-89	AC
	E) Adjust Trigger Pull to Min Setting and Stake		11-10-89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	5			16 Nov 89	JS
	G) Safety Off Force	3	3	3			16 Nov 89	JS
	H) Trigger Pull Test & Retainability						16 Nov 89	JS
	I) Firing Pin Indent	.020	.020	.021			16 Nov 89	JS
	J) Assemble Stock						11-17-89	AC
	K) Assemble Swivel Studs						28 Nov 89	JS
	L) Attach Front and Rear Sight Assemblies						11-17-89	AC
	M) Iron Sight Alignment						11-17-89	AC
	N) Detach Front & Rear Sights & place in numbered container						11-17-89	AC
	O) Attach Scope to Rifle						27 Nov 89	JS
	P) Detach & Attach Scope 20 Times						27 Nov 89	JS
640	Gallery Target & Test						11-27-89	DH
	A) Time						11-27-89	DH
	B) Malfunctions						11-27-89	DH
	C) Pierced Primers						11-27-89	DH
	D) Optical Clarity of Scope						11-27-89	DH
645	Inspect for Live Ammo						11-27-89	DH
655	Final Inspection							
	A) Headspace						28 Nov 89	JS
	B) Trigger Pull	244	245	255	256	244	28 Nov 89	JS
	C) Function						28 Nov 89	JS
660	Pack						15 Dec 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO.

C6454080

DATE 2-9-90

TESTER

JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.49	2.49	2.18	MIN. SETTING,
PULL #2	2.51	2.35	2.22	NO AVG. OF 5
PULL #3	2.41	2.49	2.45	READINGS ACCEPT-
PULL #4	2.52	2.47	2.59	ABLE LESS THAN 2#
PULL #5	2.38	2.49	2.37	
TOTAL	12.37	12.29	11.81	
AVG.	2.474	2.458	2.362	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.17	3.17	
PULL #2	3.20	3.20	
PULL #3	3.24	3.17	
PULL #4	3.22	3.16	
PULL #5	3.21	3.17	
TOTAL	16.04	15.87	
AVG.	3.208	3.174	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.50	4.47		4.15
PULL #2	4.44	4.40		4.09
PULL #3	4.48	4.28		4.01
PULL #4	4.47	4.36		4.07
PULL #5	4.47	4.30		4.09
TOTAL	22.36	21.81		20.41
AVG.	4.472	4.362		4.082

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348755
27 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.367576
1 TO	2	.205993
1 TO	3	.652406
1 TO	4	.177133
1 TO	5	.499713

35.1 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0724
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0214
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0754965

THE AMR FOR THIS RIFLE IS: 1.035

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346755

CENTERFIRE PATTERNS

1

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 1.843

VS= 2.497

GS= 2.607

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.923	.910	.987
MINIMUM X	-.920	-.933	-.856
MAXIMUM Y	1.356	1.312	1.188
MINIMUM Y	-1.141	-.991	-.820
CENTROID X	.366	.379	.302
CENTROID Y	-.034	-.184	-.060
POR TO CENTROID in.	.367	.421	.308
MIN RADIUS	.472	.334	.433
MEAN RADIUS	.951	.883	.853
MAX RADIUS	1.361	1.324	1.215
HORIZONTAL SPREAD	1.843	1.843	1.843
VERTICAL SPREAD	2.497	2.303	2.008
EXTREME SPREAD	2.607	2.345	2.072
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B755

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 9

HS = 2.710

VS = 2.431

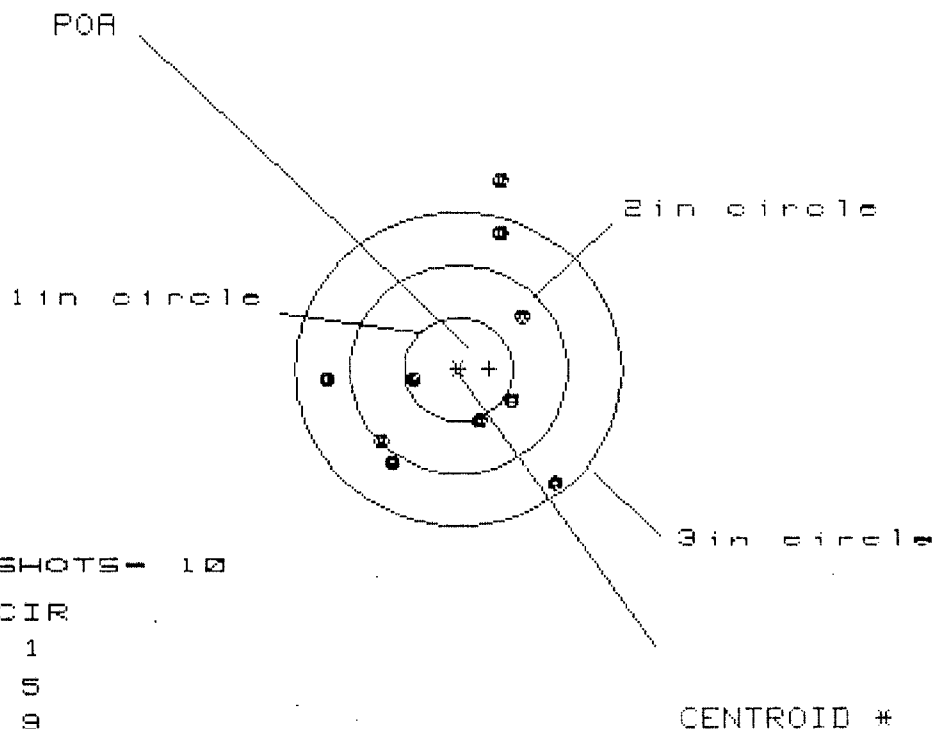
GS = 2.990

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.650	.706	.596
MINIMUM X	:	-1.060	-.877	-.986
MAXIMUM Y	:	1.387	1.412	1.284
MINIMUM Y	:	-1.044	-1.019	-1.067
CENTROID X	:	.173	-.010	.100
CENTROID Y	:	-.106	-.131	-.003
POA TO CENTROID in.	:	.203	.131	.100
MIN RADIUS	:	.335	.491	.455
MEAN RADIUS	:	1.094	1.026	.974
MAX RADIUS	:	1.664	1.420	1.291
HORIZONTAL SPREAD	:	2.710	1.583	1.582
VERTICAL SPREAD	:	2.431	2.431	2.352
EXTREME SPREAD	:	2.990	2.641	2.400
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348755

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.056

VS= 2.859

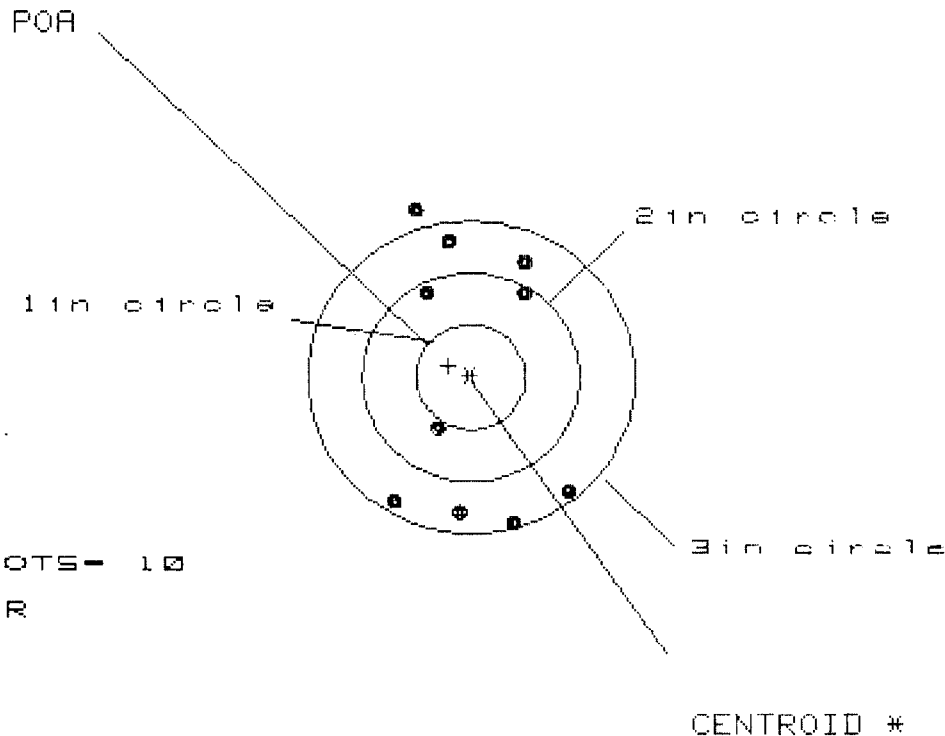
GS= 2.900

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.871	.914	.751
MINIMUM X	:	-1.185	-1.142	-1.028
MAXIMUM Y	:	1.771	1.477	1.366
MINIMUM Y	:	-1.088	-.891	-.832
CENTROID X	:	-.286	-.329	-.443
CENTROID Y	:	-.011	-.208	-.097
POA TO CENTROID in.	:	.286	.389	.454
MIN RADIUS	:	.431	.376	.265
MEAN RADIUS	:	1.012	.887	.838
MAX RADIUS	:	1.813	1.547	1.481
HORIZONTAL SPREAD	:	2.056	2.056	1.779
VERTICAL SPREAD	:	2.859	2.368	2.198
EXTREME SPREAD	:	2.900	2.432	2.432
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348755

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 9

HS= 1.575

VS= 2.994

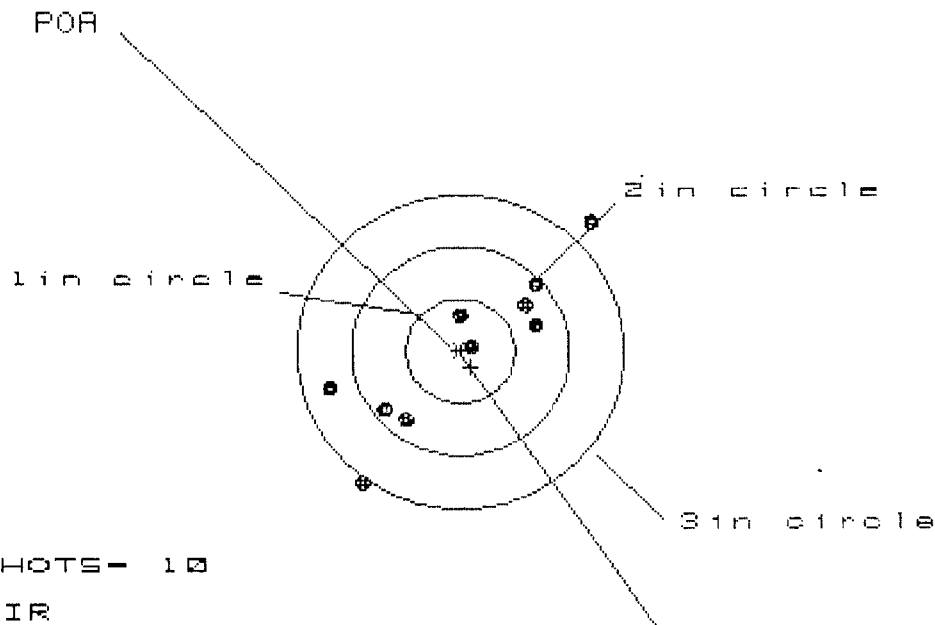
GS= 3.132

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.887	.828	.869
MINIMUM X	:	-.688	-.747	-.706
MAXIMUM Y	:	1.603	1.442	1.290
MINIMUM Y	:	-1.391	-1.213	-1.308
CENTROID X	:	.206	.265	.224
CENTROID Y	:	-.110	-.208	-.136
POA TO CENTROID in.	:	.233	.391	.262
MIN RADIUS	:	.623	.531	.612
MEAN RADIUS	:	1.217	1.154	1.131
MAX RADIUS	:	1.688	1.462	1.389
HORIZONTAL SPREAD	:	1.575	1.575	1.575
VERTICAL SPREAD	:	2.994	2.655	2.598
EXTREME SPREAD	:	3.132	2.715	2.604
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C6348755

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 8

HS= 2.377

VS= 2.431

GS= 3.200

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.172	.832	.734
MINIMUM X	-1.205	-1.074	-1.172
MAXIMUM Y	1.218	.745	.610
MINIMUM Y	-1.213	-1.077	-.656
CENTROID X	-.097	-.228	-.130
CENTROID Y	.154	.018	.153
POA TO CENTROID in.	.182	.228	.201
MIN RADIUS	.085	.270	.115
MEAN RADIUS	.900	.832	.730
MAX RADIUS	1.691	1.329	1.236
HORIZONTAL SPREAD	2.377	1.906	1.906
VERTICAL SPREAD	2.431	1.822	1.266
EXTREME SPREAD	3.200	2.403	2.116
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

BARBER - M24 0063219

Remington



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

MODEL 700TM M24

SERIAL NO.
C6348755

ORDER NO.
5716

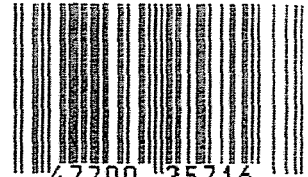
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

Ø1



5716 C6348755

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0063219 M2400063258