

C6587573

MODEL 700™ M24

Model **SMS**™

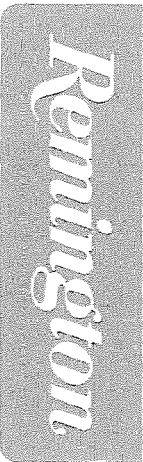
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



MOD. _____		GA. CAL. _____	GUN # _____
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Mag box locks hard	<i>[Signature]</i>
	2nd	Adjust mag Box Repaired Bench test	11/11/91 RW
	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		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587573.___0
FILE DATE AND TIME: 09/08/2007 06:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

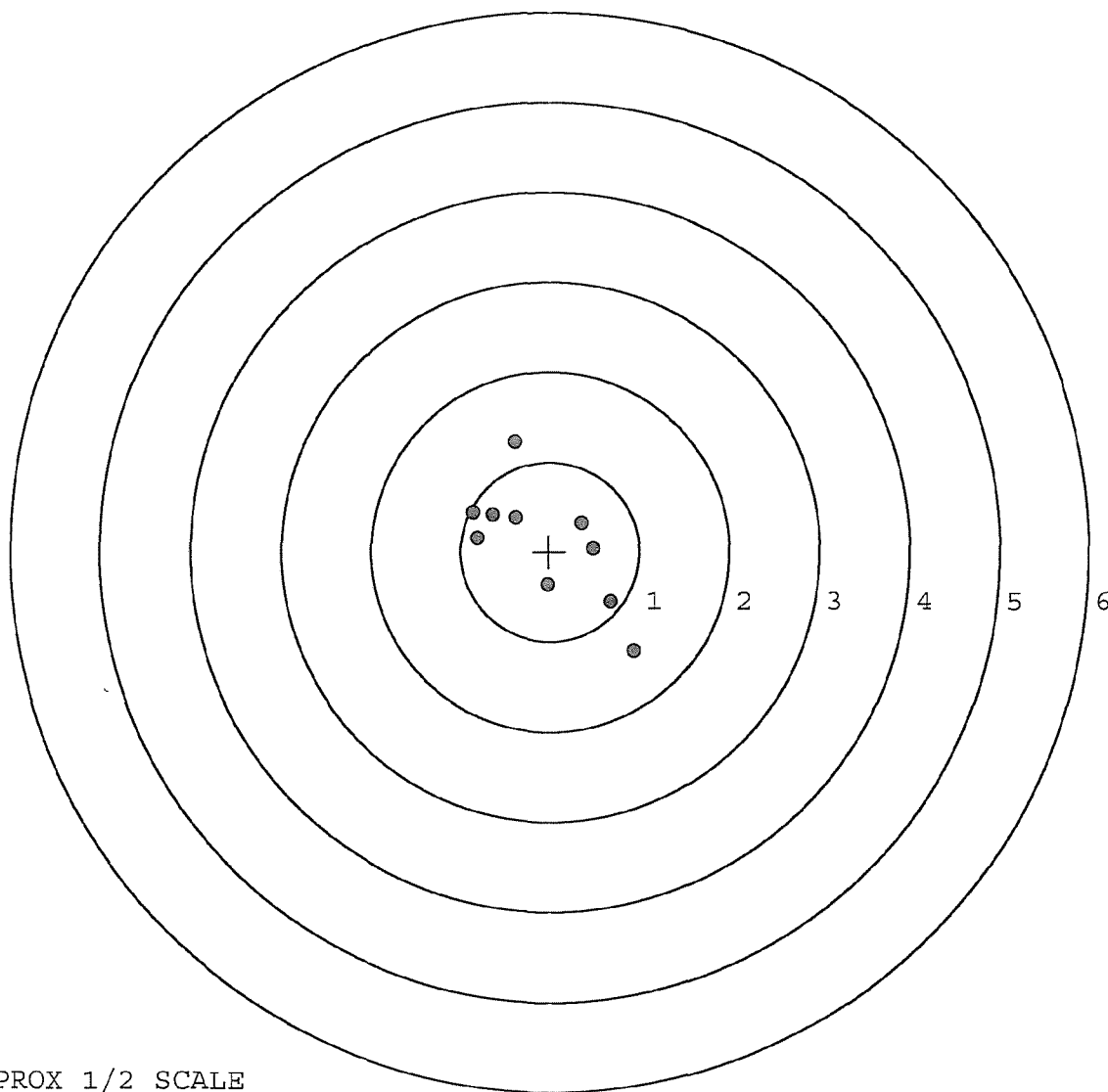
The Average X Centroid of the Five Target Set:	0.043
The Average Y Centroid of the Five Target Set:	-0.055
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.725
The Distance from POA to Centroid Target #1:	0.112
The Distance from Centroid Target #2 to Centroid Target #1:	0.326
The Distance from Centroid Target #3 to Centroid Target #1:	0.276
The Distance from Centroid Target #4 to Centroid Target #1:	0.094
The Distance from Centroid Target #5 to Centroid Target #1:	0.277

BARBER - M24 0022973

SERIAL NUMBER: C6587573. __0
 TARGET NUMBER: 1
 FILE DATE: 09/08/2007
 FILE TIME: 06:49

POINT#	X	Y
1:	0.940	-1.112
2:	0.681	-0.565
3:	-0.025	-0.375
4:	0.487	0.038
5:	0.356	0.325
6:	-0.390	1.223
7:	-0.382	0.374
8:	-0.640	0.411
9:	-0.816	0.148
10:	-0.865	0.439

X CENTROID: -0.065
 Y CENTROID: 0.091
 POA TO CENTROID: 0.112
 HORZ SPREAD: 1.805
 VERT SPREAD: 2.335
 GROUP SPREAD: 2.687
 MIN RADIUS: 0.425
 MAX RADIUS: 1.568
 MEAN RADIUS: 0.795
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0022974

SERIAL NUMBER: C6587573. 0

TARGET NUMBER: 2

FILE DATE: 09/08/2007

FILE TIME: 06:49

POINT#	X	Y
1:	0.502	-1.341
2:	0.268	-0.758
3:	-0.405	-0.611
4:	0.744	-0.321
5:	0.390	-0.180
6:	0.560	0.282
7:	0.572	0.582
8:	-0.039	0.946
9:	-0.060	0.489
10:	-0.379	0.170

X CENTROID: 0.215

Y CENTROID: -0.074

POA TO CENTROID: 0.228

HORZ SPREAD: 1.149

VERT SPREAD: 2.287

GROUP SPREAD: 2.350

MIN RADIUS: 0.204

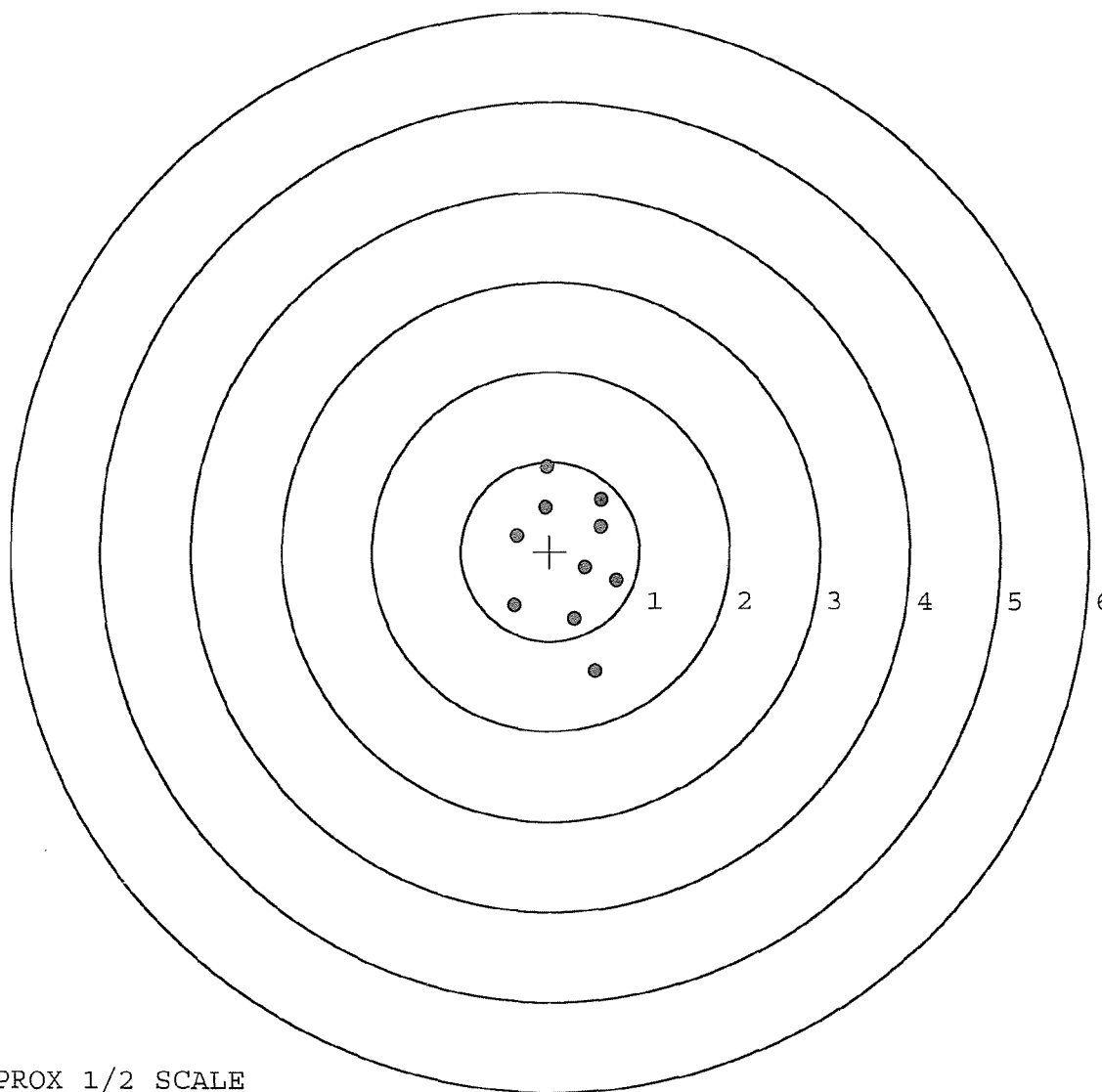
MAX RADIUS: 1.299

MEAN RADIUS: 0.716

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

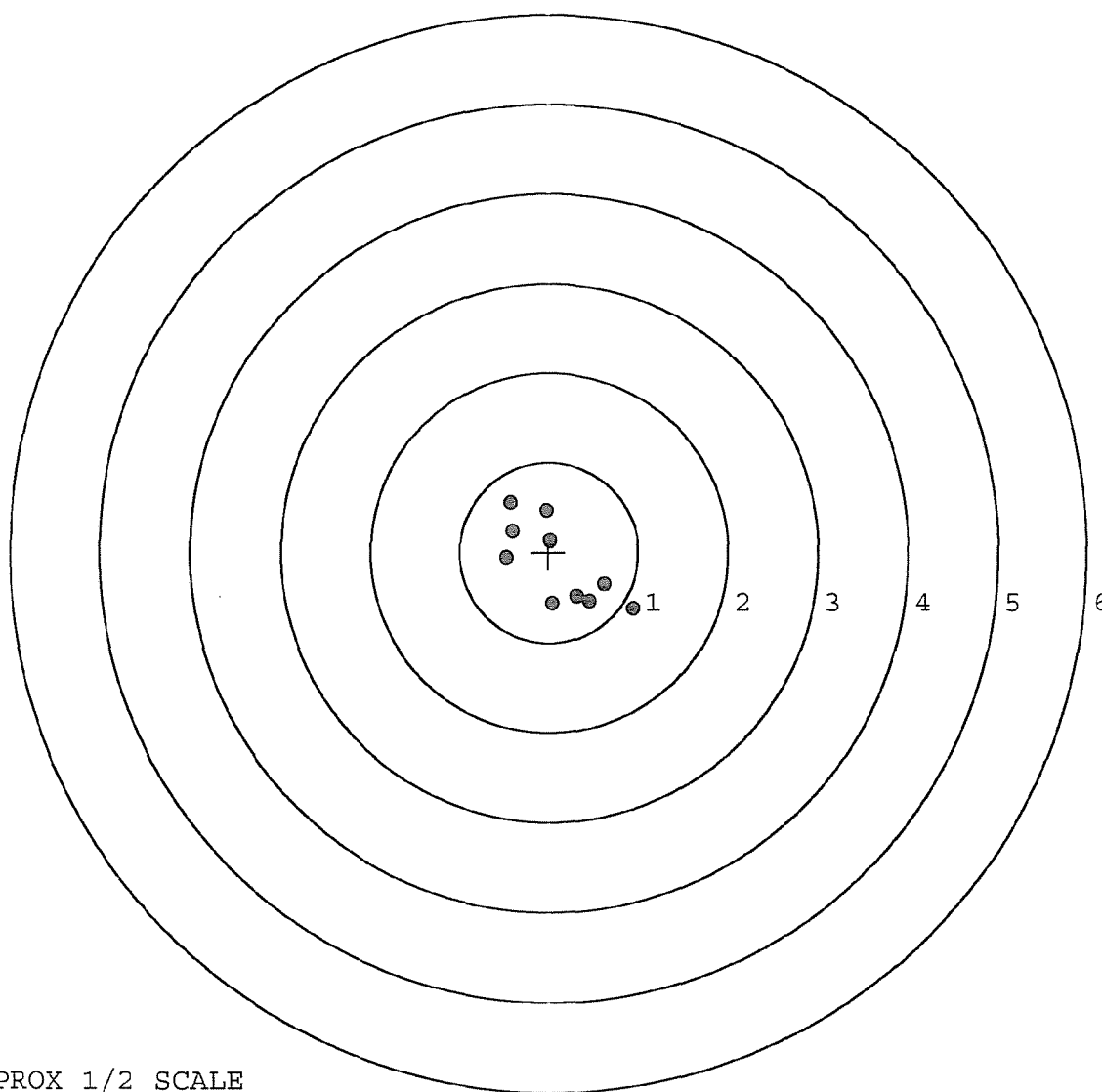
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0022975

SERIAL NUMBER: C6587573. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.943	-0.620
FILE DATE: 09/08/2007	2:	0.620	-0.352
FILE TIME: 06:49	3:	0.454	-0.545
	4:	0.046	-0.573
X CENTROID: 0.104	5:	-0.431	0.550
Y CENTROID: -0.127	6:	-0.410	0.230
POA TO CENTROID: 0.164	7:	-0.480	-0.065
HORZ SPREAD: 1.423	8:	0.020	0.132
VERT SPREAD: 1.170	9:	-0.033	0.460
GROUP SPREAD: 1.805	10:	0.315	-0.486
MIN RADIUS: 0.272			
MAX RADIUS: 0.973			
MEAN RADIUS: 0.590			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



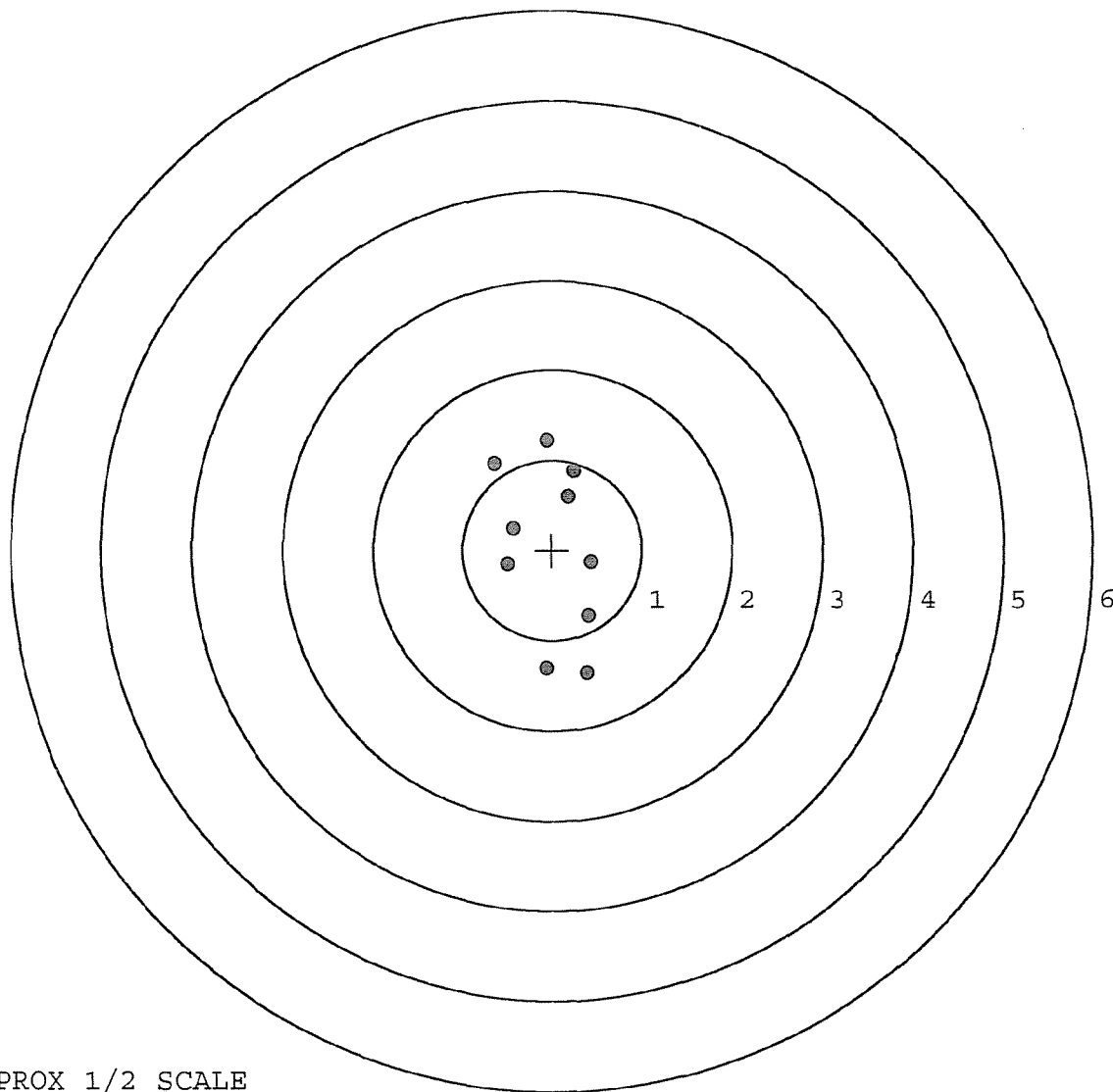
TARGET APPROX 1/2 SCALE

BARBER - M24 0022976

SERIAL NUMBER: C6587573. __0
 TARGET NUMBER: 4
 FILE DATE: 09/08/2007
 FILE TIME: 06:49

POINT#	X	Y
1:	-0.062	-1.318
2:	0.389	-1.361
3:	0.406	-0.733
4:	0.435	-0.131
5:	-0.498	-0.157
6:	-0.435	0.241
7:	-0.644	0.961
8:	-0.059	1.218
9:	0.245	0.881
10:	0.185	0.599

X CENTROID: -0.004
 Y CENTROID: 0.020
 POA TO CENTROID: 0.020
 HORZ SPREAD: 1.079
 VERT SPREAD: 2.579
 GROUP SPREAD: 2.618
 MIN RADIUS: 0.464
 MAX RADIUS: 1.436
 MEAN RADIUS: 0.895
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

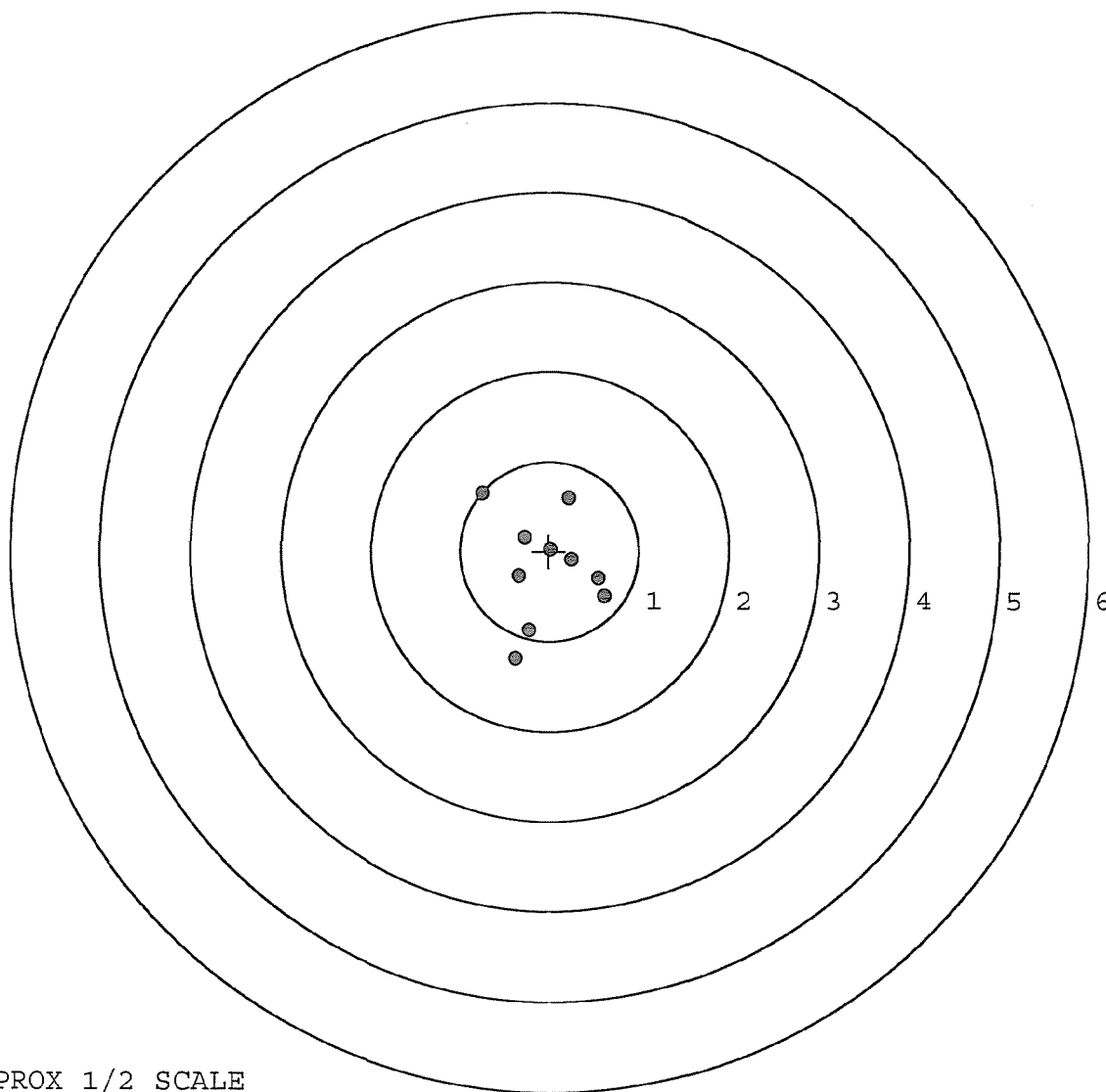


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587573. __0
 TARGET NUMBER: 5
 FILE DATE: 09/08/2007
 FILE TIME: 06:49

POINT#	X	Y
1:	-0.381	-1.200
2:	-0.233	-0.886
3:	0.618	-0.506
4:	0.547	-0.301
5:	0.253	-0.098
6:	0.014	0.026
7:	-0.343	-0.280
8:	-0.285	0.154
9:	0.216	0.594
10:	-0.747	0.653

X CENTROID: -0.034
 Y CENTROID: -0.184
 POA TO CENTROID: 0.188
 HORZ SPREAD: 1.365
 VERT SPREAD: 1.853
 GROUP SPREAD: 1.889
 MIN RADIUS: 0.216
 MAX RADIUS: 1.100
 MEAN RADIUS: 0.630
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER

131395

SERIAL NUMBER

C6587573

LOG-IN DATE

7-17-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		8-14-07	RTZ
505	RE-BARREL		8-25-07	RTZ
560	ASSEMBLE		8-20-07	RTZ
600	PROOF	MAGNA - FLUX	8/23/07	mon
605	CHECK HEADSPACE		8/23/07	mon
610	DIS-ASSEMBLE GUN		8-25-07	RTZ
612	MAGNAFLUX	OPERATOR JG	8-30-07	JB
510	DRILL AND TAP		8-27-07	TRW
615	ROLLMARK CALIBER		8-28-07	CW
618	ROTO-BLAST		8-30-07	LY
620	APPLY COATINGS		8/31/07	ZB
625	FINAL ASSEMBLY		9-7-07	RTZ
640	FUNCTION TEST AND	PASS FAIL	9/1/07	mon
650	TARGET	PASS FAIL	9/7/07	mon
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-7-07	SD
670	FINAL INSPECTION		9-12-07	DA
	A) HEADSPACE	PASS FAIL	9-12-07	DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.40 2.41 2.43 2.44 2.48 9-10-07	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	45 45 45 9-12-07	DA
	G) SAFETY OFF FORCE	2 LBS MIN	25 25 25 9-12-07	DA
	I) FIRING PIN INDENT	.020	.023 .0225 .0225 9-12-07	DA
690	PACK		9-12-07	DA

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00036598** Serial: C6587573 Model 700 Center Fire Caliber: 7 62 NATO SWS M24 WOG 1 of 10 Repairman: Status: Closed 11/30/01 10:19:17 AM

Verify Repair **High Priority**

Address Information

Customer: Received From Return To: Received From

Name: Address 1: Address 2: PO Box: City: FORT BRAGG State: NC Zip Code: Country: FORT BRAGG State: NC Zip Code: Country:

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

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

Repair Search Refresh Close

naglelj 11/30/01 11:09 AM CAPS NUM INS SCRL

Start ... C.. A. S. P. T. D. E. S. V. I. 11:09 AM

Serial Number: **C6587573**

Model: **700**



RE00036598

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

R & E NUMBER	36598		
SERIAL NUMBER	C6582573		
LOG-IN DATE	11-30-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-2-01	RTH
560 A	RE-BARREL	12/3/01	BWT
B	DRILL AND TAP	12/3/01	BWT
575	ASSEMBLE	12-4-01	RTH
600	PROOF	12-4-01	RTH
605	CHECK HEADSPACE	12-4-01	RTH
610	DIS-ASSEMBLE GUN	12-4-01	RTH
612	MAGNAFLUX		AC
615	ROLLMARK CALIBER	12-4-01	RTH
618	ROTO-BLAST	12/7-01	SO
620	APPLY COATINGS	12-10-01	TH
625 A	FINAL ASSEMBLY	12-12-01	RTH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	12-12-01	RTH
655	FINAL INSPECT	12-18-01	RTH
660	PACK		
		SHIP DATE	
	QAR INSPECTION DATE		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

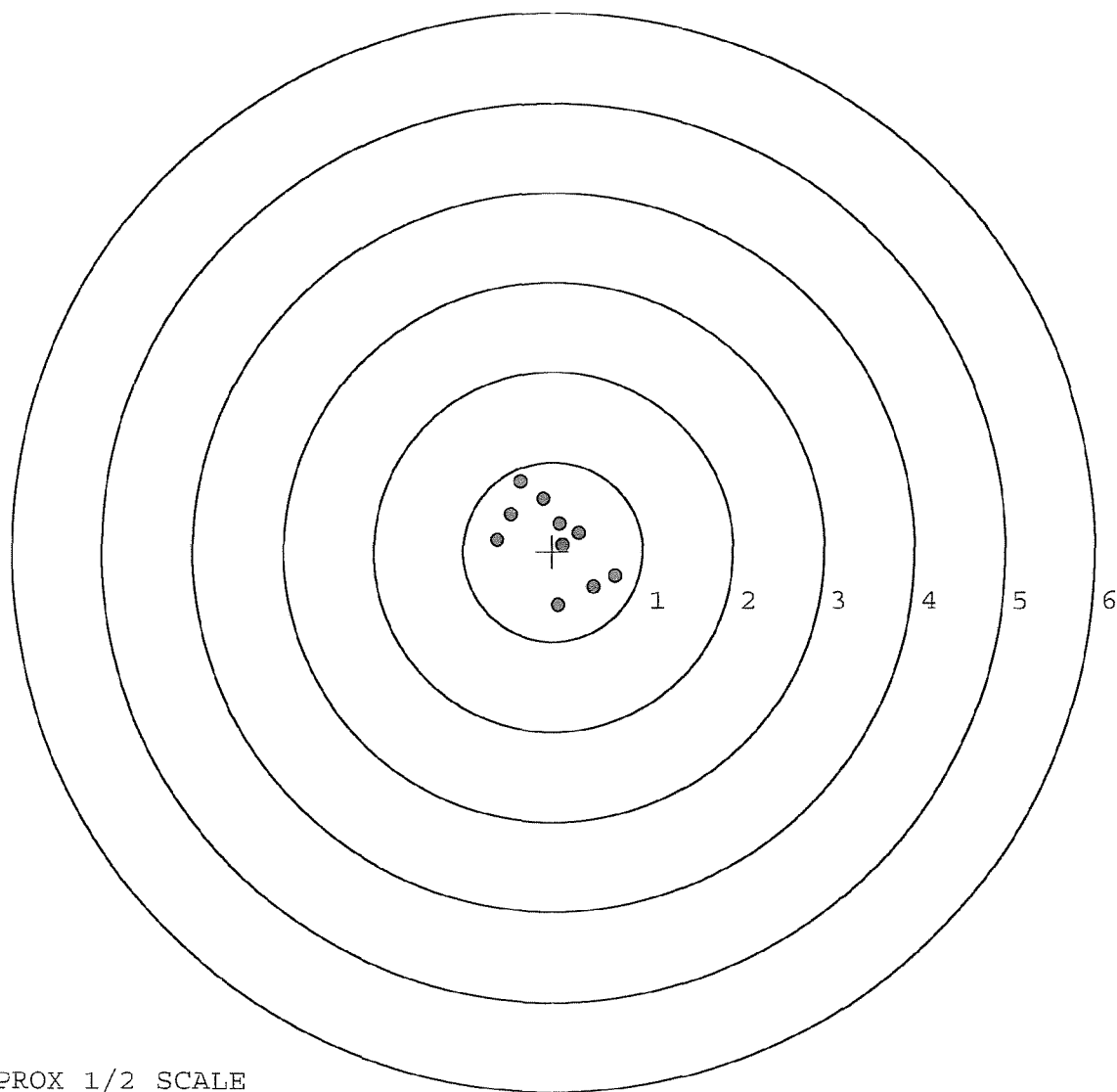
FIREARM SERIAL NUMBER / DATASET NAME: C6587573.___0
FILE DATE AND TIME: 12/12/2001 04:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.022
The Average Y Centroid of the Five Target Set:	-0.043
The Average Point of Impact of the Five Target Set:	0.048
The Average Mean Radius of the Five Target Set:	0.551
The Distance from POA to Centroid Target #1:	0.120
The Distance from Centroid Target #2 to Centroid Target #1:	0.251
The Distance from Centroid Target #3 to Centroid Target #1:	0.145
The Distance from Centroid Target #4 to Centroid Target #1:	0.359
The Distance from Centroid Target #5 to Centroid Target #1:	0.200

BARBER - M24 0022982

SERIAL NUMBER: C6587573. 0	POINT#	X	Y
TARGET NUMBER: 1	1:	-0.111	0.591
FILE DATE: 12/12/2001	2:	-0.363	0.776
FILE TIME: 04:10	3:	-0.468	0.411
	4:	-0.620	0.121
X CENTROID: 0.013	5:	0.114	0.069
Y CENTROID: 0.119	6:	0.077	0.311
POA TO CENTROID: 0.120	7:	0.287	0.201
HORZ SPREAD: 1.319	8:	0.699	-0.283
VERT SPREAD: 1.377	9:	0.455	-0.404
GROUP SPREAD: 1.500	10:	0.065	-0.601
MIN RADIUS: 0.112			
MAX RADIUS: 0.795			
MEAN RADIUS: 0.524			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0022983

SERIAL NUMBER: C6587573. __0

TARGET NUMBER: 2

FILE DATE: 12/12/2001

FILE TIME: 04:10

POINT#	X	Y
1:	-0.416	0.742
2:	0.598	0.562
3:	-0.213	0.059
4:	-1.052	-0.719
5:	-0.445	-0.409
6:	-0.296	-0.322
7:	0.022	-0.355
8:	0.174	-0.138
9:	0.373	-0.157
10:	0.344	-0.357

X CENTROID: -0.091

Y CENTROID: -0.109

POA TO CENTROID: 0.142

HORZ SPREAD: 1.650

VERT SPREAD: 1.461

GROUP SPREAD: 2.089

MIN RADIUS: 0.208

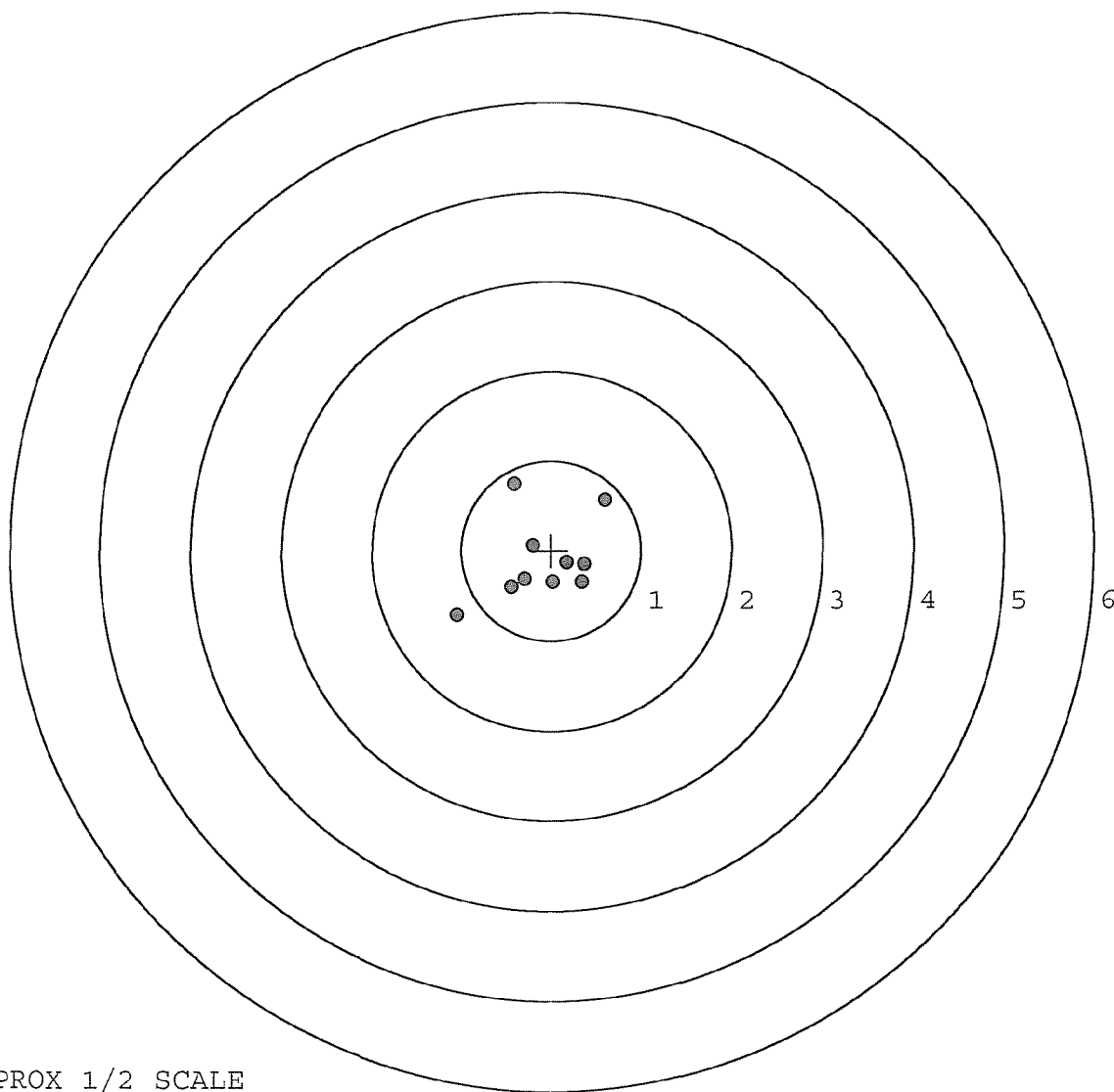
MAX RADIUS: 1.138

MEAN RADIUS: 0.548

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0022984

SERIAL NUMBER: C6587573. 0

TARGET NUMBER: 3

FILE DATE: 12/12/2001

FILE TIME: 04:10

POINT#	X	Y
1:	-0.067	-0.960
2:	-0.159	-0.542
3:	0.681	-0.510
4:	-0.446	-0.100
5:	-0.624	0.058
6:	-0.758	0.328
7:	-0.359	0.642
8:	-0.146	0.807
9:	0.135	0.474
10:	0.590	0.337

X CENTROID: -0.115

Y CENTROID: 0.053

POA TO CENTROID: 0.127

HORZ SPREAD: 1.439

VERT SPREAD: 1.767

GROUP SPREAD: 1.769

MIN RADIUS: 0.365

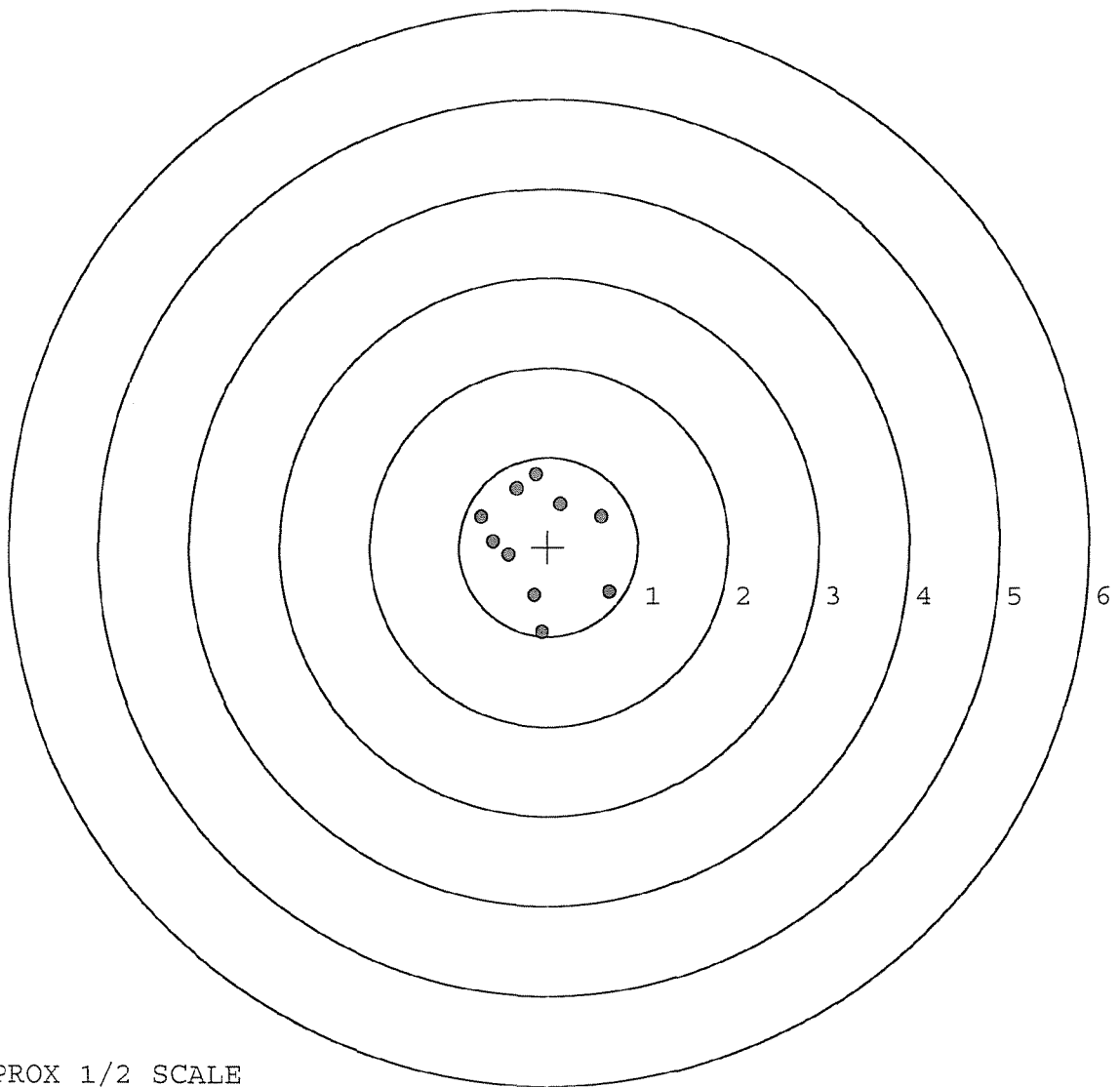
MAX RADIUS: 1.015

MEAN RADIUS: 0.680

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0022985

SERIAL NUMBER: C6587573. __0

TARGET NUMBER: 4

FILE DATE: 12/12/2001

FILE TIME: 04:10

POINT#	X	Y
1:	0.194	1.184
2:	-0.268	0.352
3:	0.676	-0.492
4:	0.564	-0.175
5:	-0.244	-0.797
6:	0.218	-0.748
7:	-0.056	-0.315
8:	0.152	-0.110
9:	0.213	-0.547
10:	0.039	-0.485

X CENTROID: 0.149

Y CENTROID: -0.213

POA TO CENTROID: 0.260

HORZ SPREAD: 0.944

VERT SPREAD: 1.981

GROUP SPREAD: 2.029

MIN RADIUS: 0.103

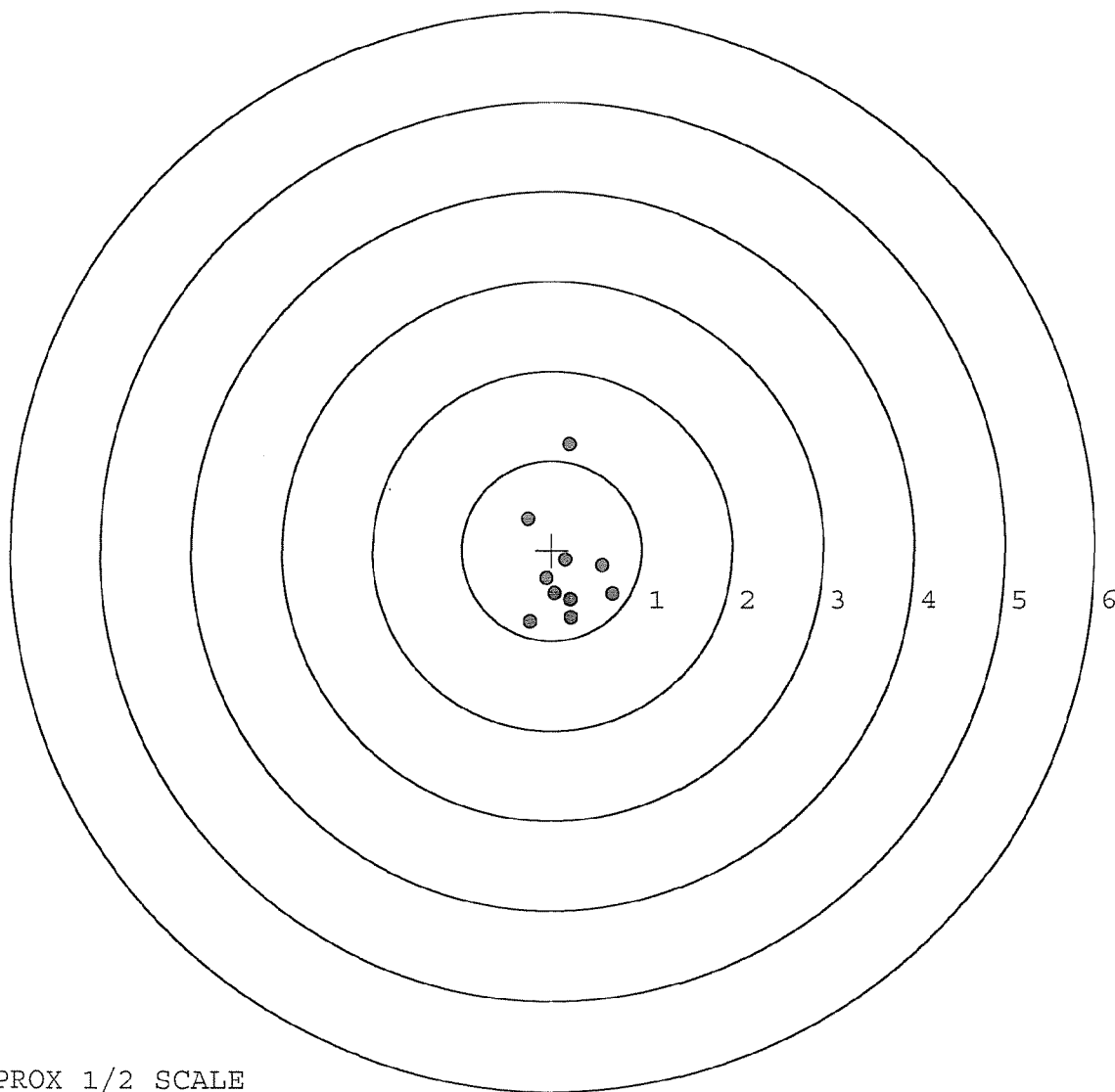
MAX RADIUS: 1.398

MEAN RADIUS: 0.532

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



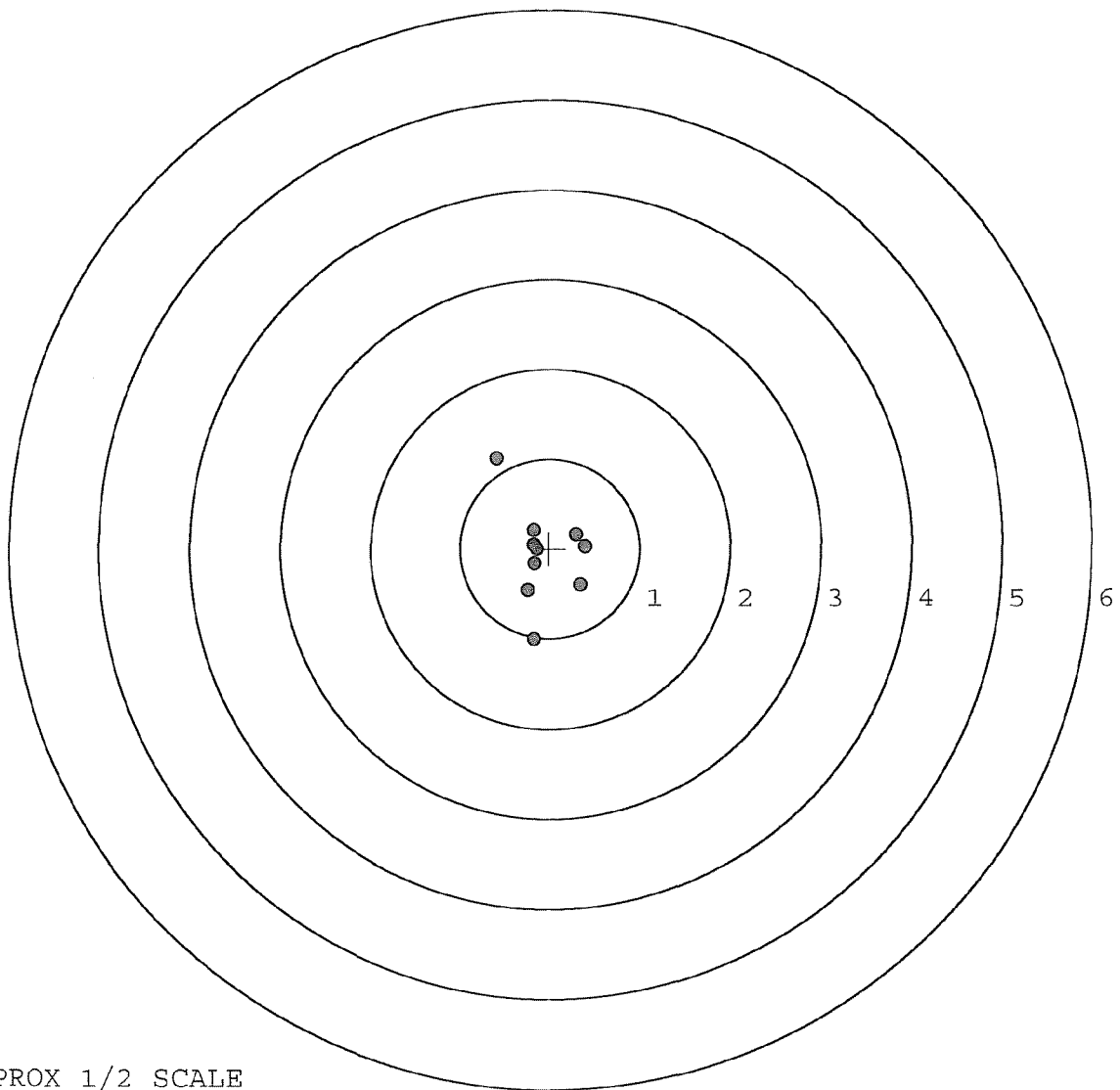
TARGET APPROX 1/2 SCALE

BARBER - M24 0022986

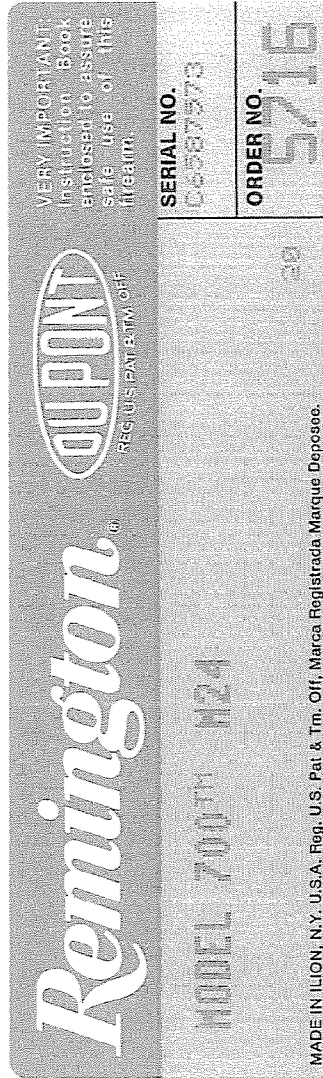
SERIAL NUMBER: C6587573. __0
 TARGET NUMBER: 5
 FILE DATE: 12/12/2001
 FILE TIME: 04:10

POINT#	X	Y
1:	-0.600	1.005
2:	0.292	0.156
3:	0.343	-0.411
4:	-0.176	-1.014
5:	-0.241	-0.469
6:	-0.170	-0.170
7:	-0.142	-0.011
8:	-0.175	0.204
9:	0.392	0.025
10:	-0.175	0.042

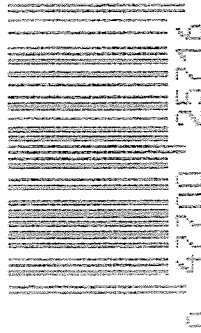
X CENTROID: -0.065
 Y CENTROID: -0.064
 POA TO CENTROID: 0.092
 HORZ SPREAD: 0.992
 VERT SPREAD: 2.019
 GROUP SPREAD: 2.063
 MIN RADIUS: 0.093
 MAX RADIUS: 1.196
 MEAN RADIUS: 0.470
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



UPC



5716 06587573

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587573

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1024	90	RW
600	Proof	1024	90	RW
607	Check Headspace	1024	90	RW
610	Dis-assemble Gun	1024	90	RW
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS
617	Drill and Tap Sight Holes		11/4/90	LB
618	Polish Barrel RB		11/6/90	WB
620	Apply Coatings (Barrel Action)		11-26-90	PA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-4-91	DH

BARBER - M24 0022989		READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.75	4.50	4.75	1/3/91	KT		
	G) Safety Off Force	3.0	3.0	2.75	1/3/91	KT		
	H) Trigger Pull Test & Retainability				1-4-91	DH		
	I) Firing Pin Indent	.020	.020	.020	1/3/91	KT		
	J) Assemble Stock				1/9/91	RW		
	K) Assemble Swivel Studs				1-11-91	JK		
	L) Attach Front and Rear Sight Assemblies				1/9/91	RW		
	M) Iron Sight Alignment				1/9/91	RW		
	N) Detach Front & Rear Sights & place in numbered container				1/9/91	RW		
	O) Attach Scope to Rifle				1/9/91	RW		
	P) Detach & Attach Scope 20 Times				1/9/91	RW		
640	Gallery Target & Test				1-10-91	AC		
	A) Time				1-10-91	AC		
	B) Malfunctions				1-10-91	AC		
	C) Pierced Primers				1-10-91	AC		
	D) Optical Clarity of Scope				1-10-91	AC		
645	Inspect for Live Ammo				1-10-91	AC		
655	Final Inspection							
	A) Headspace				1-11-91	JK		
	B) Trigger Pull	2.00	2.10	2.15	2.15	2.18	1-11-91	JK
	C) Function						1-11-91	JK
660	Pack						3/15/91	WBS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587573

DATE 1-4-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.45	2.36	2.00	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.48	2.48	2.10	
PULL #3	2.45	2.49	2.33	2.15	
PULL #4	2.60	2.53	2.45	2.15	
PULL #5	2.59	2.58	2.48	2.18	
TOTAL	12.63	12.53	12.30		
AVG.	2.52	2.50	2.46		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.39		
PULL #2	3.44	3.34		
PULL #3	3.28	3.29		
PULL #4	3.20	3.26		
PULL #5	3.34	3.21		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.08		4.02
PULL #2	4.15	4.25		4.14
PULL #3	4.23	4.01		4.06
PULL #4	4.23	4.22		4.02
PULL #5	4.09	4.22		4.01
TOTAL	20.86	20.78		20.25
AVG.	4.17	4.15		4.05

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587573
11 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.26552
1 TO	2	.279508
1 TO	3	.0984327
1 TO	4	.191024
1 TO	5	.314659

POI <----FOR

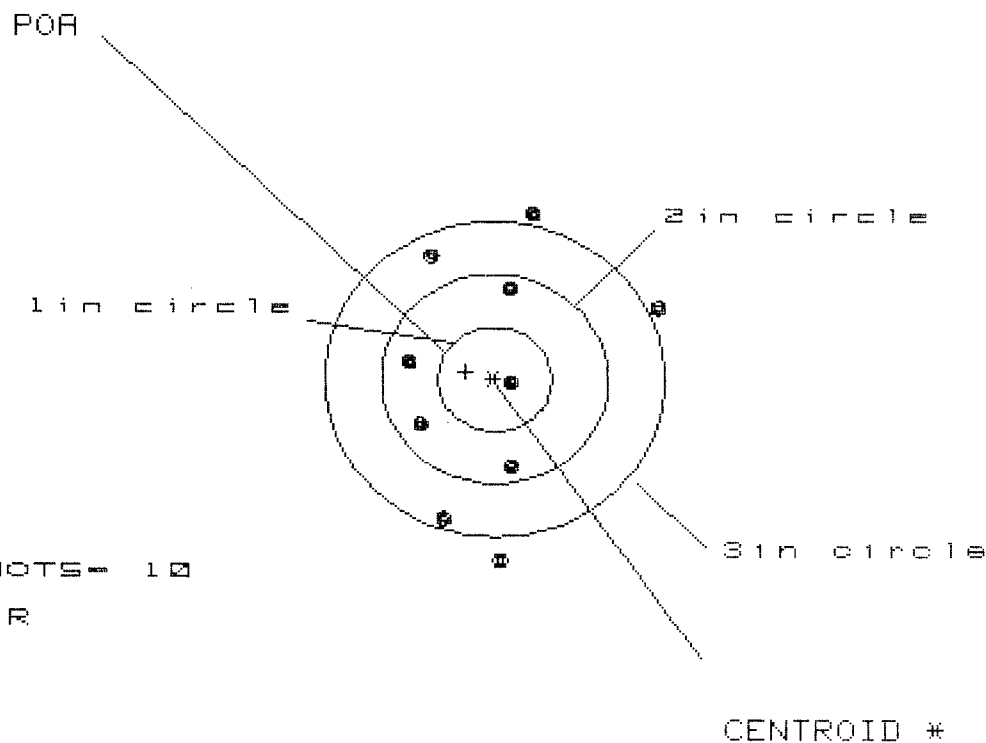
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1722
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0124
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .172646

THE AMR FOR THIS RIFLE IS: 1.067

10 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587573

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 5

3 in - 7

HS- 2.248

VS- 3.261

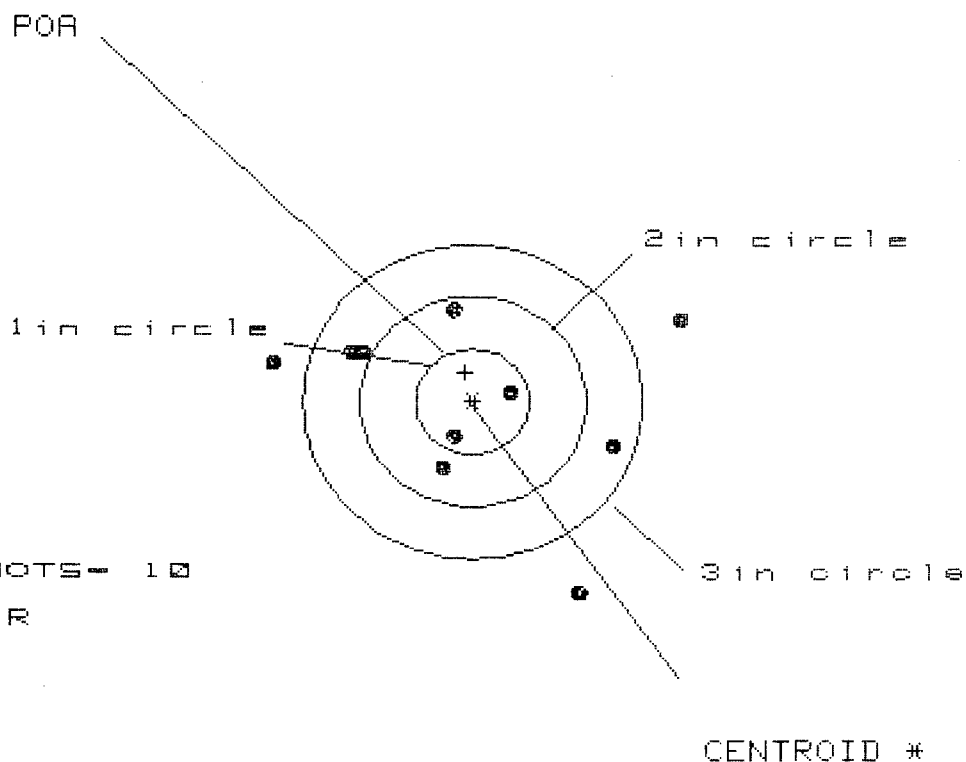
GS- 3.280

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.471	1.475	.572
MINIMUM X	:	-.777	-.773	-.588
MAXIMUM Y	:	1.550	1.360	1.415
MINIMUM Y	:	-1.710	-1.508	-1.453
CENTROID X	:	.255	.251	.066
CENTROID Y	:	-.074	.116	.061
POA TO CENTROID in.	:	.265	.276	.090
MIN RADIUS	:	.190	.299	.413
MEAN RADIUS	:	1.104	1.034	.953
MAX RADIUS	:	1.711	1.562	1.526
HORIZONTAL SPREAD	:	2.248	2.248	1.160
VERTICAL SPREAD	:	3.261	2.868	2.868
EXTREME SPREAD	:	3.280	2.977	2.977
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 3.609

VS = 2.695

GS = 3.628

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.865	1.434	1.572
MINIMUM X	:	-1.744	-1.537	-1.399
MAXIMUM Y	:	.919	1.003	.792
MINIMUM Y	:	-1.776	-1.692	-.707
CENTROID X	:	.065	-.142	-.280
CENTROID Y	:	-.279	-.363	-.152
POA TO CENTROID in.	:	.287	.390	.319
MIN RADIUS	:	.359	.259	.495
MEAN RADIUS	:	1.164	1.045	.914
MAX RADIUS	:	2.013	2.021	1.665
HORIZONTAL SPREAD	:	3.609	2.971	2.971
VERTICAL SPREAD	:	2.695	2.695	1.499
EXTREME SPREAD	:	3.628	3.416	3.080
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 1.815

VS = 4.292

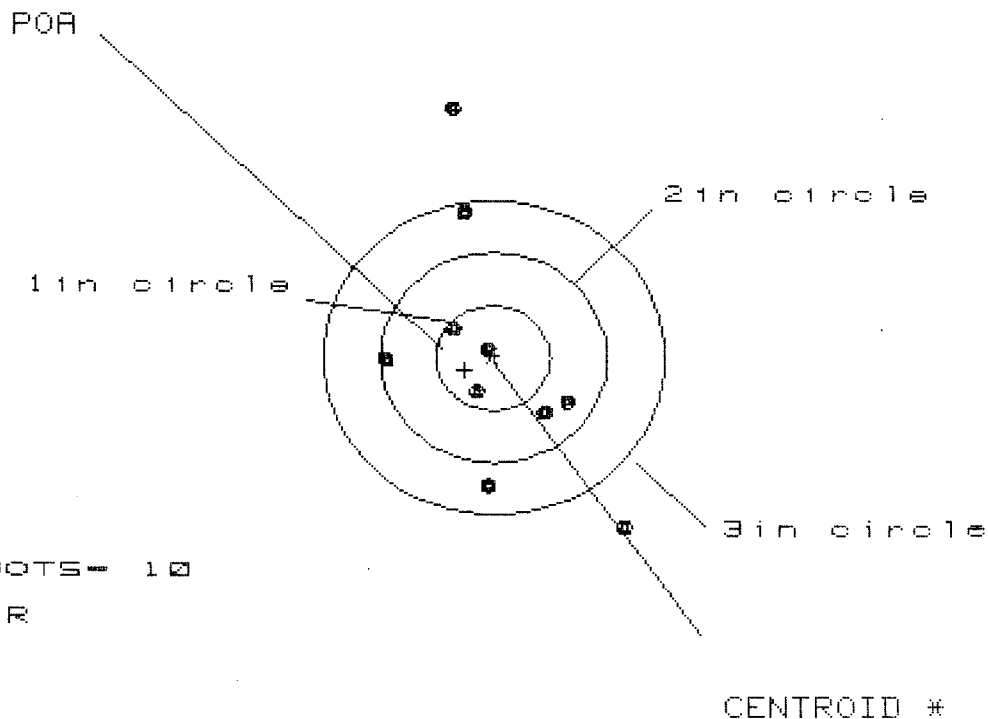
GS = 4.399

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.883	.783	.786
MINIMUM X	:	-.932	-.834	-.831
MAXIMUM Y	:	2.389	1.053	.848
MINIMUM Y	:	-1.903	-1.638	-1.101
CENTROID X	:	.163	.065	.062
CENTROID Y	:	-.039	-.304	-.099
POA TO CENTROID in.	:	.167	.311	.117
MIN RADIUS	:	.334	.595	.424
MEAN RADIUS	:	1.048	.897	.758
MAX RADIUS	:	2.547	1.638	1.126
HORIZONTAL SPREAD	:	1.815	1.617	1.617
VERTICAL SPREAD	:	4.292	2.691	1.949
EXTREME SPREAD	:	4.399	2.723	2.063
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.095

VS= 4.001

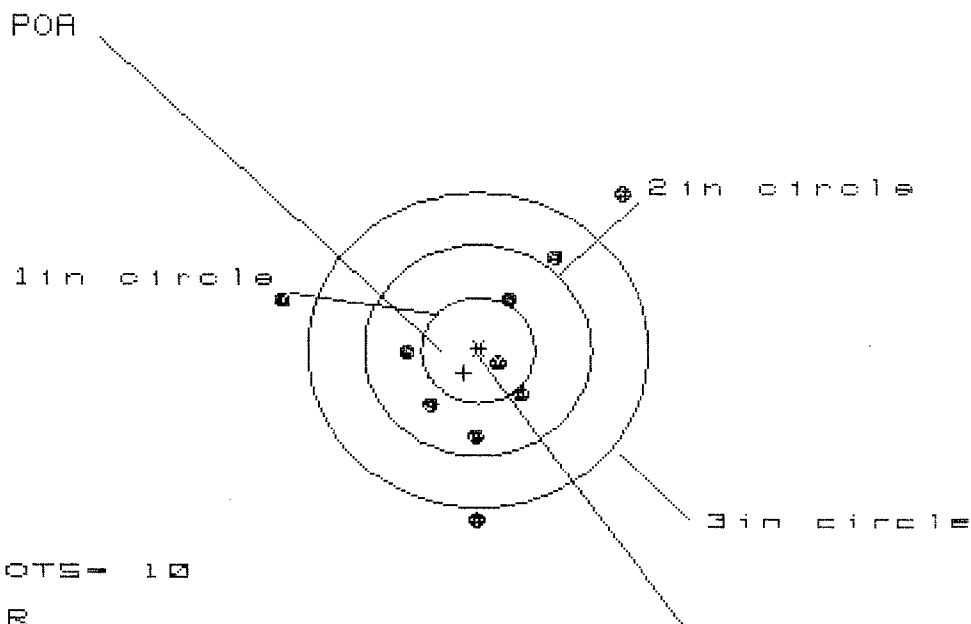
GS= 4.256

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.123	1.086	.759
MINIMUM X	-.973	-1.009	-.873
MAXIMUM Y	2.391	1.614	1.446
MINIMUM Y	-1.610	-1.344	-1.113
CENTROID X	.252	.288	.152
CENTROID Y	.117	-.149	.019
POA TO CENTROID in.	.277	.324	.153
MIN RADIUS	.042	.235	.163
MEAN RADIUS	1.028	.858	.729
MAX RADIUS	2.414	1.728	1.455
HORIZONTAL SPREAD	2.095	2.095	1.632
VERTICAL SPREAD	4.001	2.958	2.559
EXTREME SPREAD	4.256	3.266	2.565
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 7

HS= 2.963

VS= 3.127

GS= 3.386

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.284	.821	.629
MINIMUM X	-1.679	-1.536	-.644
MAXIMUM Y	1.532	1.029	1.113
MINIMUM Y	-1.595	-1.425	-1.341
CENTROID X	.126	-.017	.175
CENTROID Y	.213	.043	-.041
POA TO CENTROID in.	.248	.046	.180
MIN RADIUS	.191	.306	.181
MEAN RADIUS	.990	.861	.730
MAX RADIUS	1.999	1.678	1.343
HORIZONTAL SPREAD	2.963	2.357	1.273
VERTICAL SPREAD	3.127	2.454	2.454
EXTREME SPREAD	3.386	2.678	2.550
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		

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NUMBER IN THREE INCH CIRCLE =

7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0022997 23036