

C6349044

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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

RE Activity: Inspected

Repair Number: RE00171208 Serial: C6349044 Model M24 SWS Center Fire Caliber: 7.62 NATO Produced: 05/19/1990 Repairman: Status: Closed 7/14/2009 12:50:59 PM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: ISD ARMS ROOM

Address 1: 8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30 PO Box:

City: FORT CAMPBELL

State: KY Zip Code: 42223 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: (711)

Fax:

Email:

Comments:

Received Condition: Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A026	Scope	1
A045	Bi Pod	1
A057	Front and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search Refresh Close

Matches Found: 4

neglelj 7/15/2009 8:19 AM CAPS NUM INS

Start Microsoft Office My Exe Windows Microsoft Office Arms Services Rep Part Search by Net

Serial Number: **C6349044**

Model: **M24 SWS**



RE00171208

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER 171208 -
 SERIAL NUMBER C6349044
 LOG-IN DATE 7-14-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-17-09	RT
505	RE-BARREL	7-20-09	RT
420	ASSEMBLE	7-20-09	RT
440	PROOF	7-20-09	RT
460	CHECK HEADSPACE	7-20-09	RT
470	DIS-ASSEMBLE GUN	7-20-09	RT
480	MAGNAFLUX	7/25/09	RT
510	DRILL AND TAP	7-21-09	SP
500	ROLLMARK CALIBER	7-28-09	OWO
520	GOFF BLAST BBL / REC	7-30-09	RT
530 & 540	APPLY COATINGS	8/1	✓
560	FINAL ASSEMBLY	8-4-09	RT
640	FUNCTION TEST AND	8-18-09	RT
650	TARGET	8-18-09	RT
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-18-09	RP
	A) HEADSPACE	8-19-09	RT
	B) TRIGGER PULL	2-81 279 284 254 286 8-19-09	RT
680	F) SAFETY ON FORCE	550 60 515 8-19-09	RT
	G) SAFETY OFF FORCE	20 20 20 8-19-09	RT
	I) FIRING PIN INDENT	024 023 024 8-19-09	RT
690	PACK	8/27/09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349044.___0
FILE DATE AND TIME: 08/19/2009 05:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

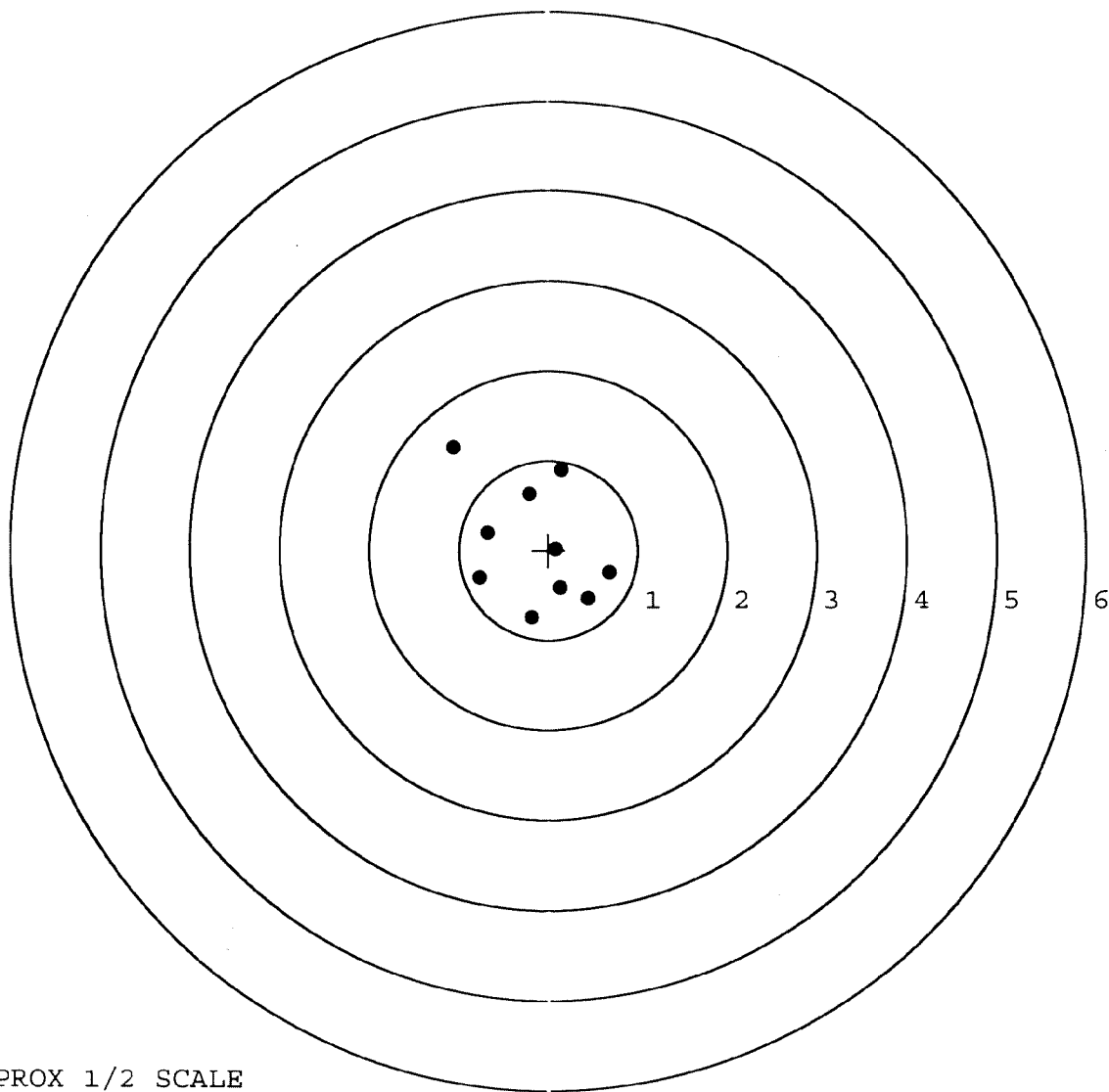
The Average X Centroid of the Five Target Set:	0.079
The Average Y Centroid of the Five Target Set:	0.030
The Average Point of Impact of the Five Target Set:	0.084
The Average Mean Radius of the Five Target Set:	0.737
The Distance from POA to Centroid Target #1:	0.155
The Distance from Centroid Target #2 to Centroid Target #1:	0.230
The Distance from Centroid Target #3 to Centroid Target #1:	0.481
The Distance from Centroid Target #4 to Centroid Target #1:	0.223
The Distance from Centroid Target #5 to Centroid Target #1:	0.335

BARBER - M24 0106536

SERIAL NUMBER: C6349044. __ 0
 TARGET NUMBER: 1
 FILE DATE: 08/19/2009
 FILE TIME: 05:30

POINT#	X	Y
1:	-1.060	1.144
2:	0.149	0.899
3:	-0.217	0.629
4:	-0.685	0.195
5:	-0.767	-0.301
6:	-0.192	-0.752
7:	0.083	0.015
8:	0.685	-0.252
9:	0.448	-0.538
10:	0.140	-0.417

X CENTROID: -0.142
 Y CENTROID: 0.062
 POA TO CENTROID: 0.155
 HORZ SPREAD: 1.745
 VERT SPREAD: 1.896
 GROUP SPREAD: 2.259
 MIN RADIUS: 0.230
 MAX RADIUS: 1.419
 MEAN RADIUS: 0.749
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0106537

SERIAL NUMBER: C6349044. __0

TARGET NUMBER: 2

FILE DATE: 08/19/2009

FILE TIME: 05:30

X CENTROID: 0.024

Y CENTROID: 0.222

POA TO CENTROID: 0.223

HORZ SPREAD: 2.389

VERT SPREAD: 1.579

GROUP SPREAD: 2.432

MIN RADIUS: 0.076

MAX RADIUS: 1.431

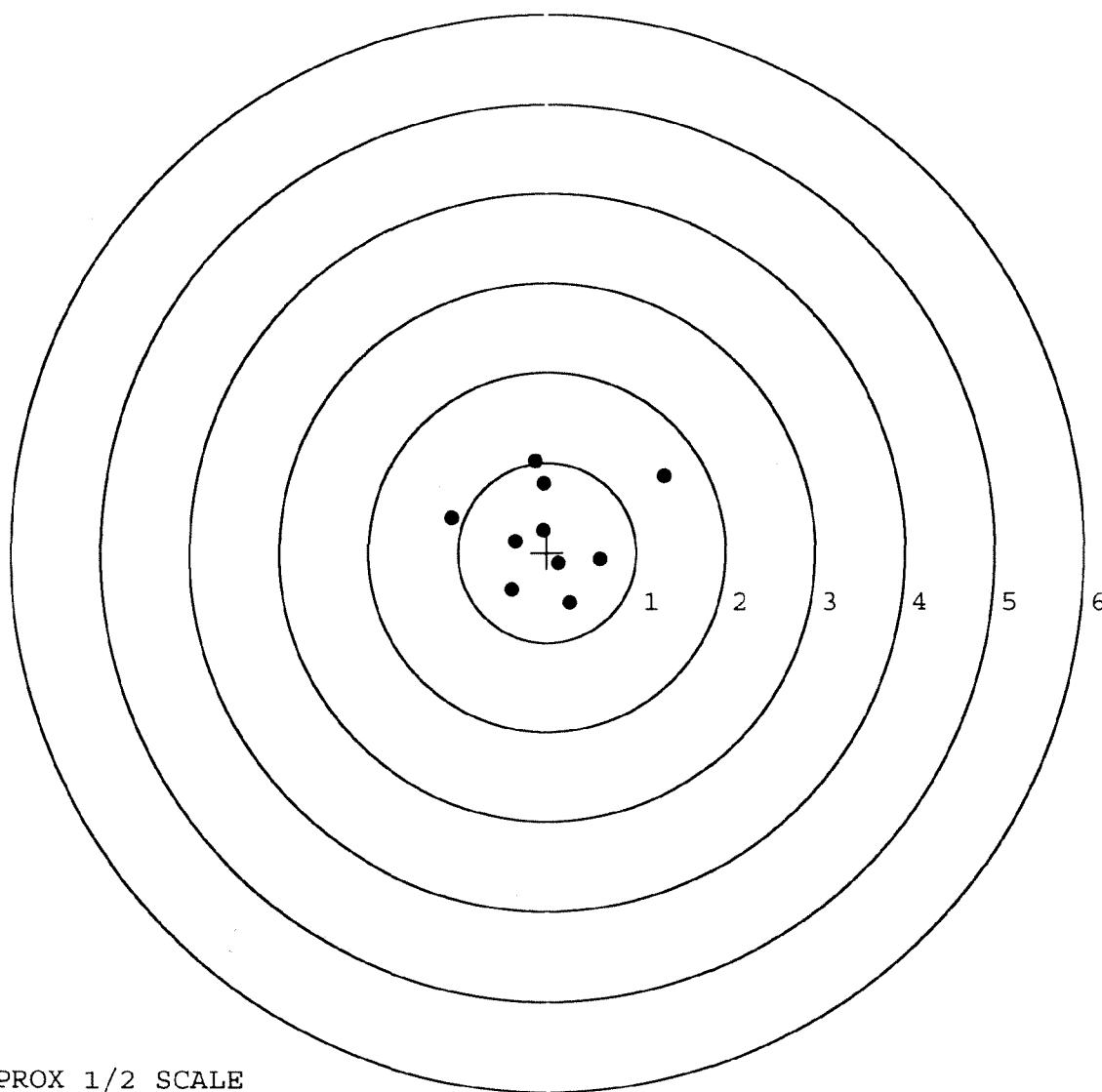
MEAN RADIUS: 0.697

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.311	0.846
2:	-0.133	1.015
3:	-0.043	0.768
4:	-1.078	0.389
5:	-0.398	-0.416
6:	0.257	-0.564
7:	0.597	-0.082
8:	0.132	-0.120
9:	-0.046	0.252
10:	-0.362	0.131



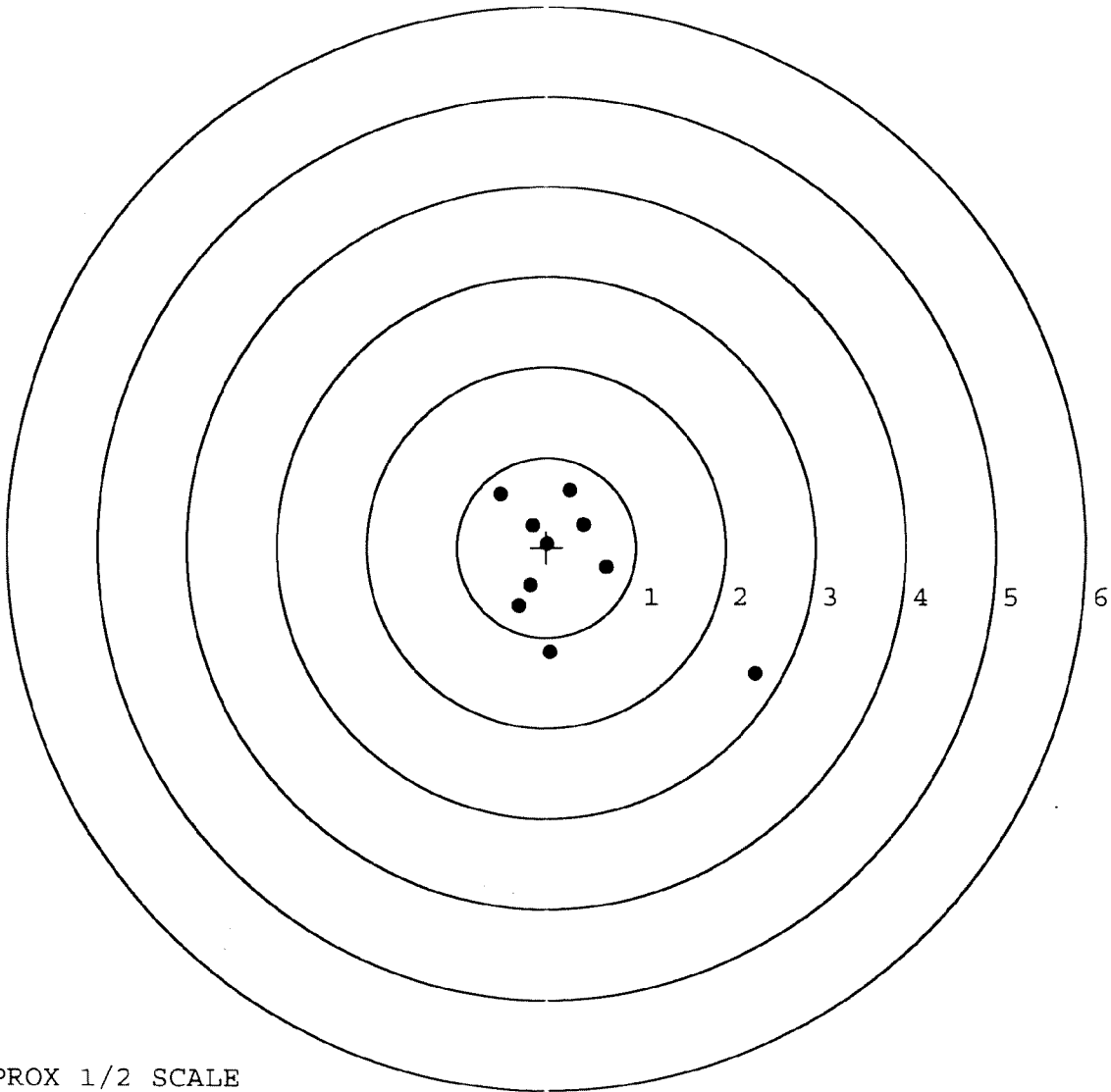
TARGET APPROX 1/2 SCALE

BARBER - M24 0106538

SERIAL NUMBER: C6349044. 0
TARGET NUMBER: 3
FILE DATE: 08/19/2009
FILE TIME: 05:30

POINT#	X	Y
1:	2.327	-1.410
2:	0.041	-1.168
3:	-0.310	-0.649
4:	-0.183	-0.425
5:	0.668	-0.222
6:	0.008	0.042
7:	0.419	0.256
8:	0.264	0.638
9:	-0.156	0.253
10:	-0.517	0.596

X CENTROID: 0.256
Y CENTROID: -0.209
POA TO CENTROID: 0.330
HORZ SPREAD: 2.844
VERT SPREAD: 2.048
GROUP SPREAD: 3.480
MIN RADIUS: 0.353
MAX RADIUS: 2.394
MEAN RADIUS: 0.842
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



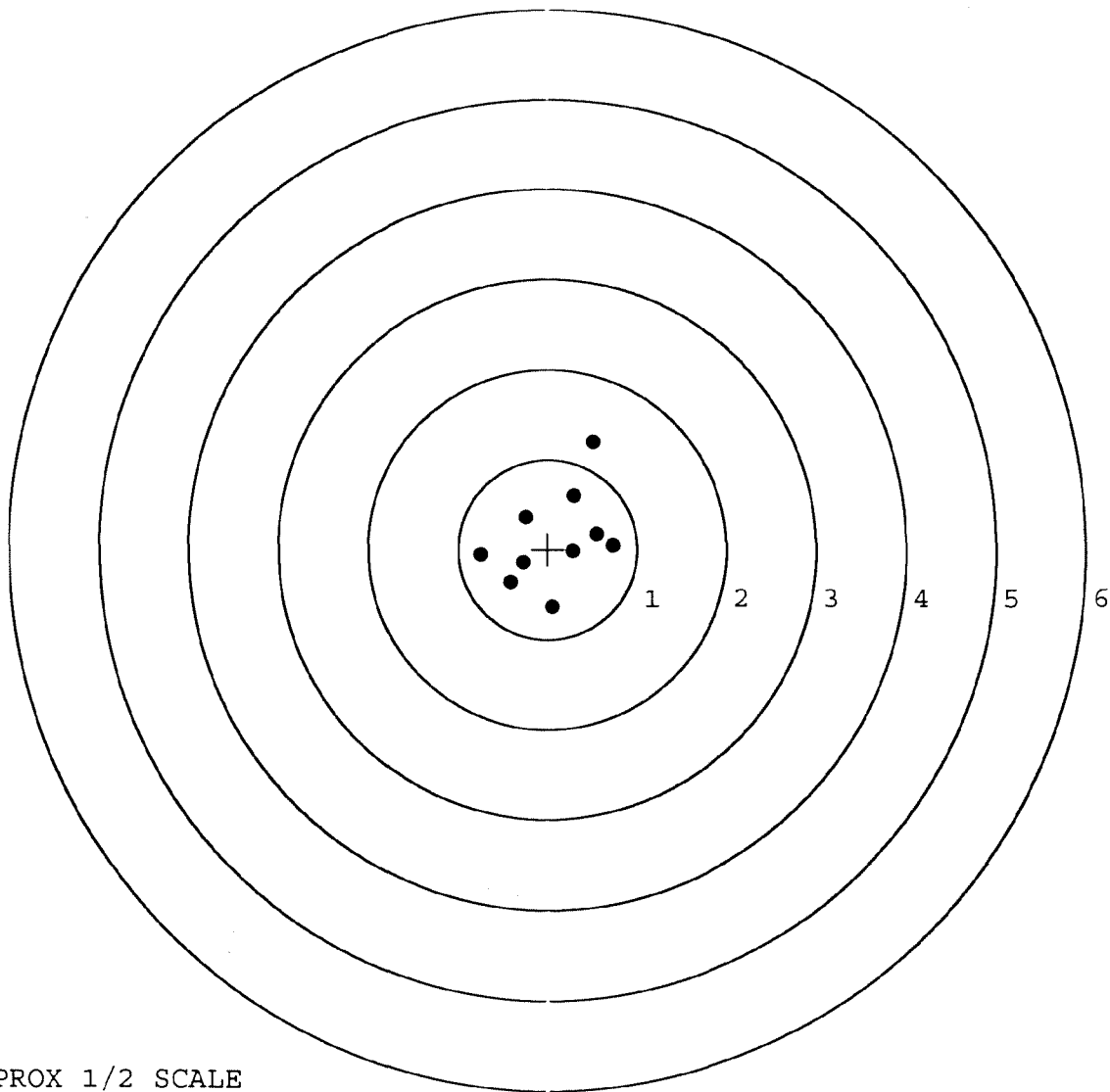
TARGET APPROX 1/2 SCALE

BARBER - M24 0106539

SERIAL NUMBER: C6349044. 0
 TARGET NUMBER: 4
 FILE DATE: 08/19/2009
 FILE TIME: 05:30

POINT#	X	Y
1:	0.515	1.200
2:	0.302	0.599
3:	0.733	0.046
4:	0.282	-0.026
5:	-0.241	0.355
6:	0.055	-0.646
7:	-0.750	-0.065
8:	-0.419	-0.369
9:	-0.276	-0.147
10:	0.556	0.173

X CENTROID: 0.076
 Y CENTROID: 0.112
 POA TO CENTROID: 0.135
 HORZ SPREAD: 1.483
 VERT SPREAD: 1.846
 GROUP SPREAD: 1.902
 MIN RADIUS: 0.248
 MAX RADIUS: 1.173
 MEAN RADIUS: 0.623
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



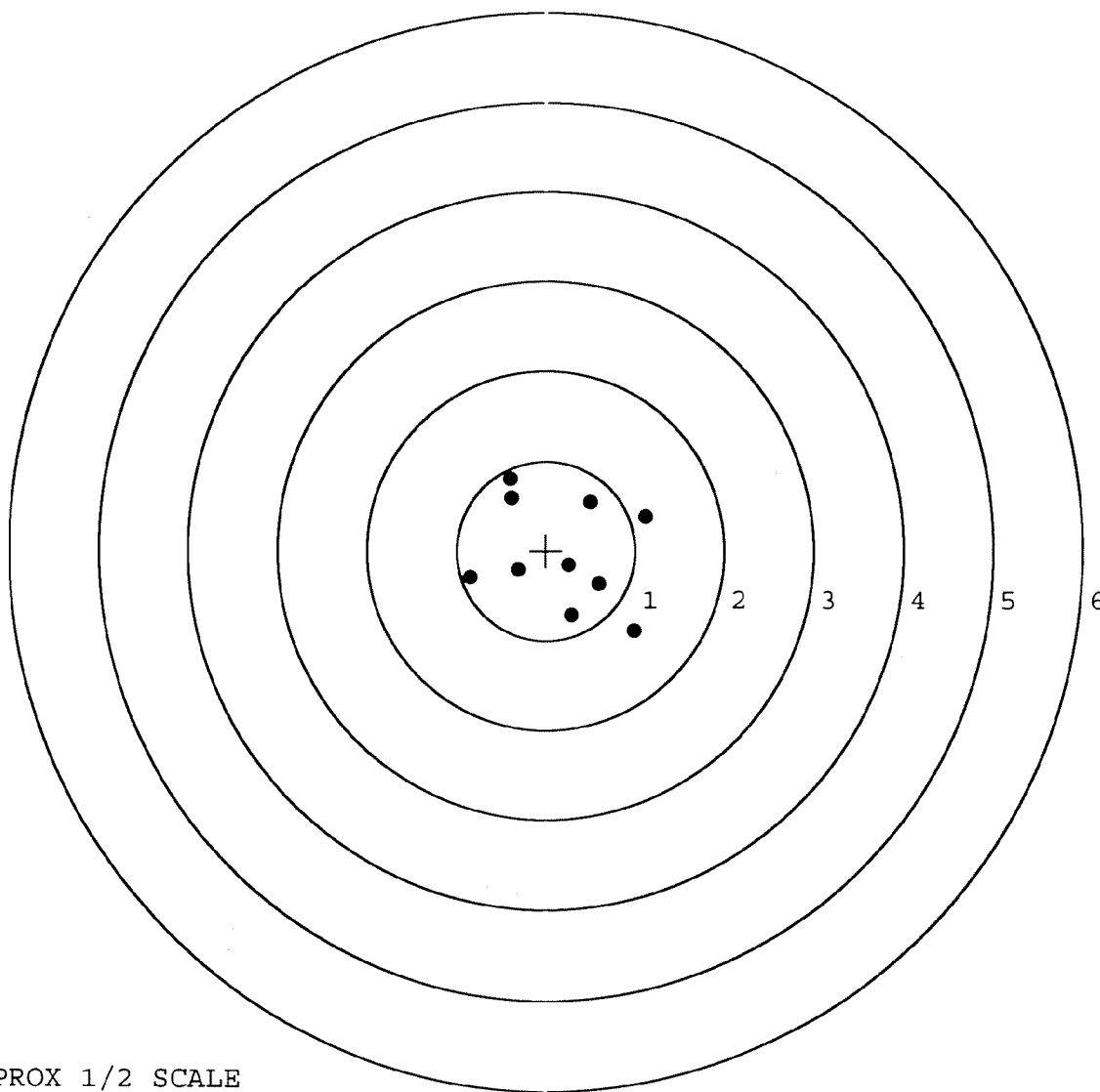
TARGET APPROX 1/2 SCALE

BARBER - M24 0106540

SERIAL NUMBER: C6349044. 0
 TARGET NUMBER: 5
 FILE DATE: 08/19/2009
 FILE TIME: 05:30

POINT#	X	Y
1:	-0.404	0.805
2:	-0.391	0.587
3:	0.501	0.543
4:	1.116	0.384
5:	0.988	-0.897
6:	0.293	-0.724
7:	0.597	-0.380
8:	0.256	-0.162
9:	-0.320	-0.220
10:	-0.850	-0.305

X CENTROID: 0.179
 Y CENTROID: -0.037
 POA TO CENTROID: 0.182
 HORZ SPREAD: 1.966
 VERT SPREAD: 1.702
 GROUP SPREAD: 2.199
 MIN RADIUS: 0.147
 MAX RADIUS: 1.181
 MEAN RADIUS: 0.772
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00092462

Serial: C6349044 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Status:

Closed 2/4/2005 9:37:37 AM

Verify Repair

Address Information

Customer

☒ Received From

Return To

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code:

362014199

Country: US

State: AL

Zip Code:

362014199

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
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Front and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/7/2005

11:27 AM

CAPS

NUM

INS

SOPL

start

3

3

Arms Services

3

M

Serial Number: C6349044
 Model: M24 SWS
 RE00092462

AVERAGE PULL FORCE BETWEEN
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)

SERIAL NO.

DATE

TESTER

3-31-05

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.34	2.75		2.67	
PULL #2	2.35	2.78		2.73	
PULL #3	2.39	2.83		2.77	
PULL #4	2.55	2.82		2.82	
PULL #5	2.60	2.78		2.88	
TOTAL	12.23	13.96		13.87	
AVERAGE	2.44	2.79		2.77	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.21		
PULL #2	3.29	3.27		
PULL #3	3.05	3.15		
PULL #4	3.11	3.19		
PULL #5	3.03	3.24		
TOTAL	15.72	16.06		
AVERAGE	3.14	3.21		

	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	4.19	4.12		4.61
PULL #2	4.25	4.14		4.19
PULL #3	4.32	4.15		4.19
PULL #4	4.28	4.18		4.21
PULL #5	4.29	4.20		4.21
TOTAL	21.33	20.79		21.41
AVERAGE	4.26	4.15		4.28

R & E NUMBER	92462		
SERIAL NUMBER	C6349044		
LOG-IN DATE	2/4/05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-4-05	RTZ
560 A	RE-BARREL	4-7-05	RTZ
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTZ
600	PROOF	4-8-05	AC
605	CHECK HEADSPACE	4-8-05	AC
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	OPERATOR BS	
615	ROLLMARK CALIBER	4-12-05	CW
618	ROTO-BLAST	4-18-05	CB
620	APPLY COATINGS	4-24-05	WJ
625 A	FINAL ASSEMBLY	5-3-05	RTZ
B	TRIGGER PULL TEST	5-3-05	RTZ
C	SAFETY "ON" FORCE	5-6-05	AC
D	SAFETY "OFF" FORCE	5-6-05	AC
E	FIRING PIN INDENT	5-6-05	AC
640	TARGET	5-4-05	AC
655	FINAL INSPECT	5-6-05	AC
660	PACK	5-7-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349044.___0

FILE DATE AND TIME: 05/04/2005 06:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.080
The Average Y Centroid of the Five Target Set:	-0.174
The Average Point of Impact of the Five Target Set:	0.192
The Average Mean Radius of the Five Target Set:	1.040
The Distance from POA to Centroid Target #1:	0.125
The Distance from Centroid Target #2 to Centroid Target #1:	0.321
The Distance from Centroid Target #3 to Centroid Target #1:	0.360
The Distance from Centroid Target #4 to Centroid Target #1:	0.139
The Distance from Centroid Target #5 to Centroid Target #1:	0.082

BARBER - M24 0106545

SERIAL NUMBER: C6349044. 0

TARGET NUMBER: 1

FILE DATE: 05/04/2005

FILE TIME: 06:47

POINT#	X	Y
1:	0.870	-0.258
2:	0.457	-0.776
3:	0.554	0.654
4:	-0.016	0.148
5:	0.237	-0.126
6:	-0.157	-0.796
7:	-0.519	-0.755
8:	-0.370	-0.336
9:	-0.806	0.279
10:	-1.001	0.971

X CENTROID: -0.075

Y CENTROID: -0.100

POA TO CENTROID: 0.125

HORZ SPREAD: 1.871

VERT SPREAD: 1.767

GROUP SPREAD: 2.275

MIN RADIUS: 0.254

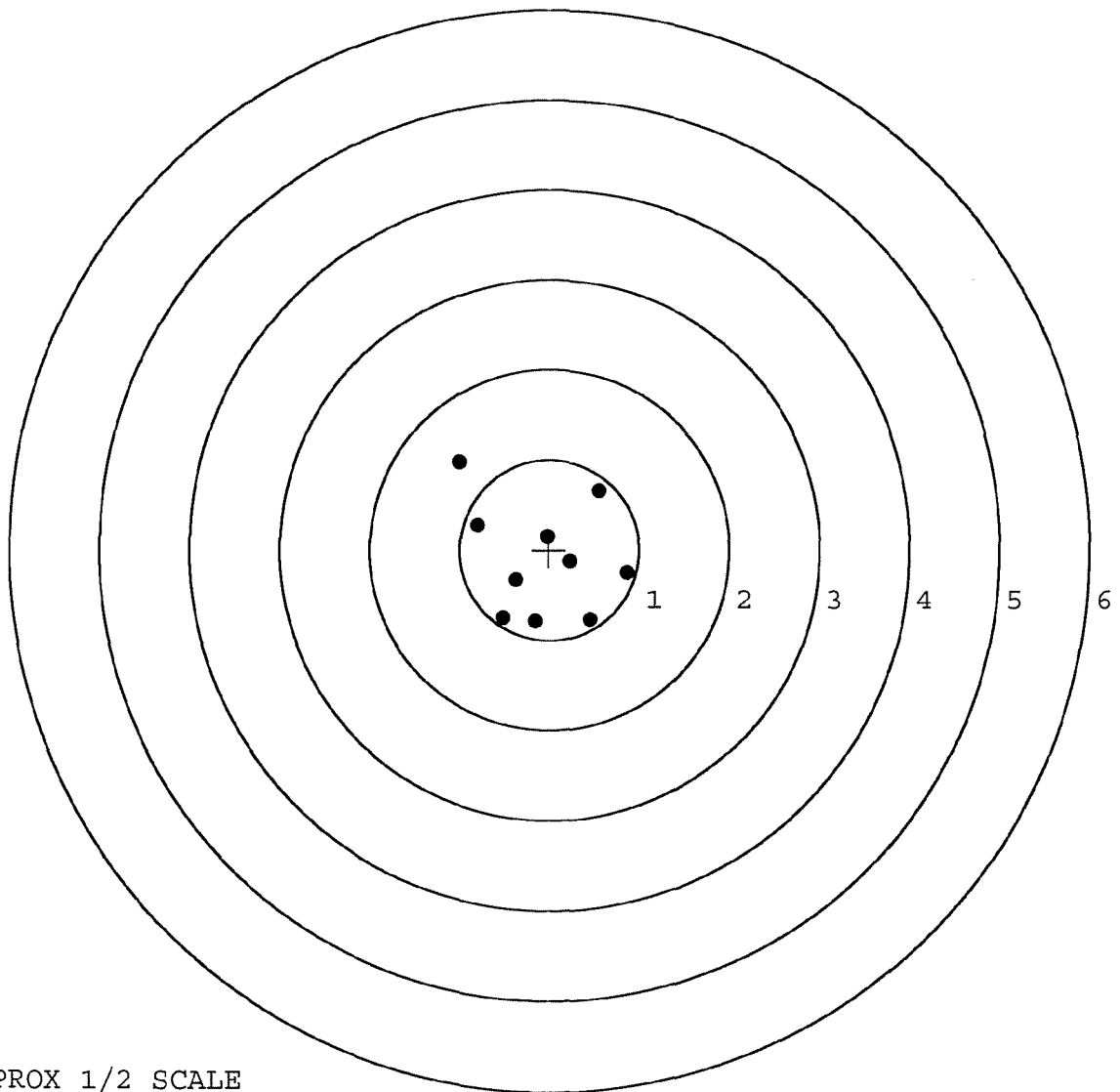
MAX RADIUS: 1.415

MEAN RADIUS: 0.748

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



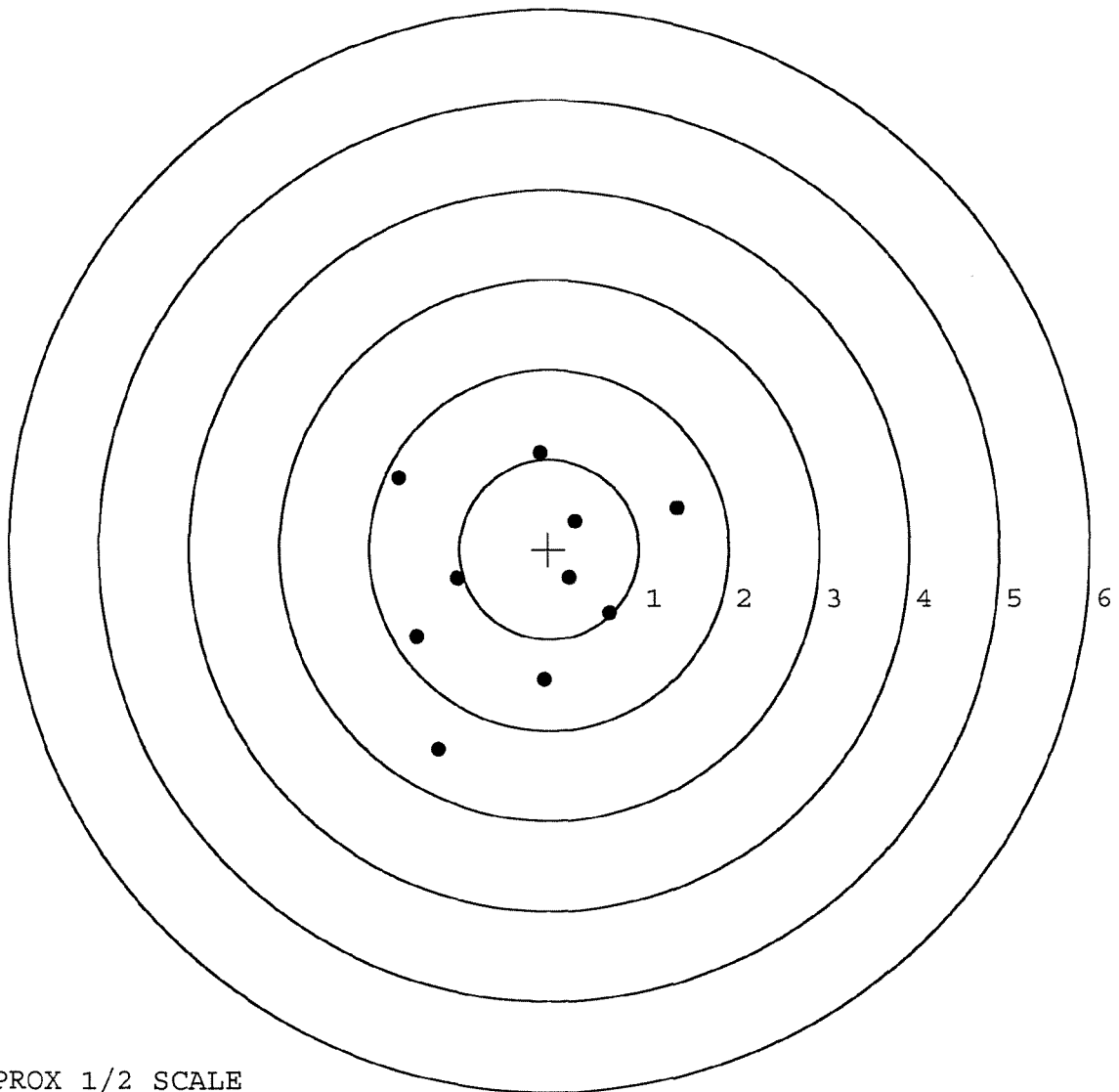
TARGET APPROX 1/2 SCALE

BARBER - M24 0106546

SERIAL NUMBER: C6349044. __0
 TARGET NUMBER: 2
 FILE DATE: 05/04/2005
 FILE TIME: 06:47

POINT#	X	Y
1:	-0.053	-1.449
2:	0.678	-0.719
3:	0.229	-0.319
4:	0.292	0.318
5:	1.420	0.465
6:	-0.097	1.073
7:	-1.667	0.803
8:	-1.023	-0.332
9:	-1.474	-0.979
10:	-1.233	-2.215

X CENTROID: -0.293
 Y CENTROID: -0.335
 POA TO CENTROID: 0.445
 HORZ SPREAD: 3.087
 VERT SPREAD: 3.288
 GROUP SPREAD: 3.771
 MIN RADIUS: 0.522
 MAX RADIUS: 2.102
 MEAN RADIUS: 1.286
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 7



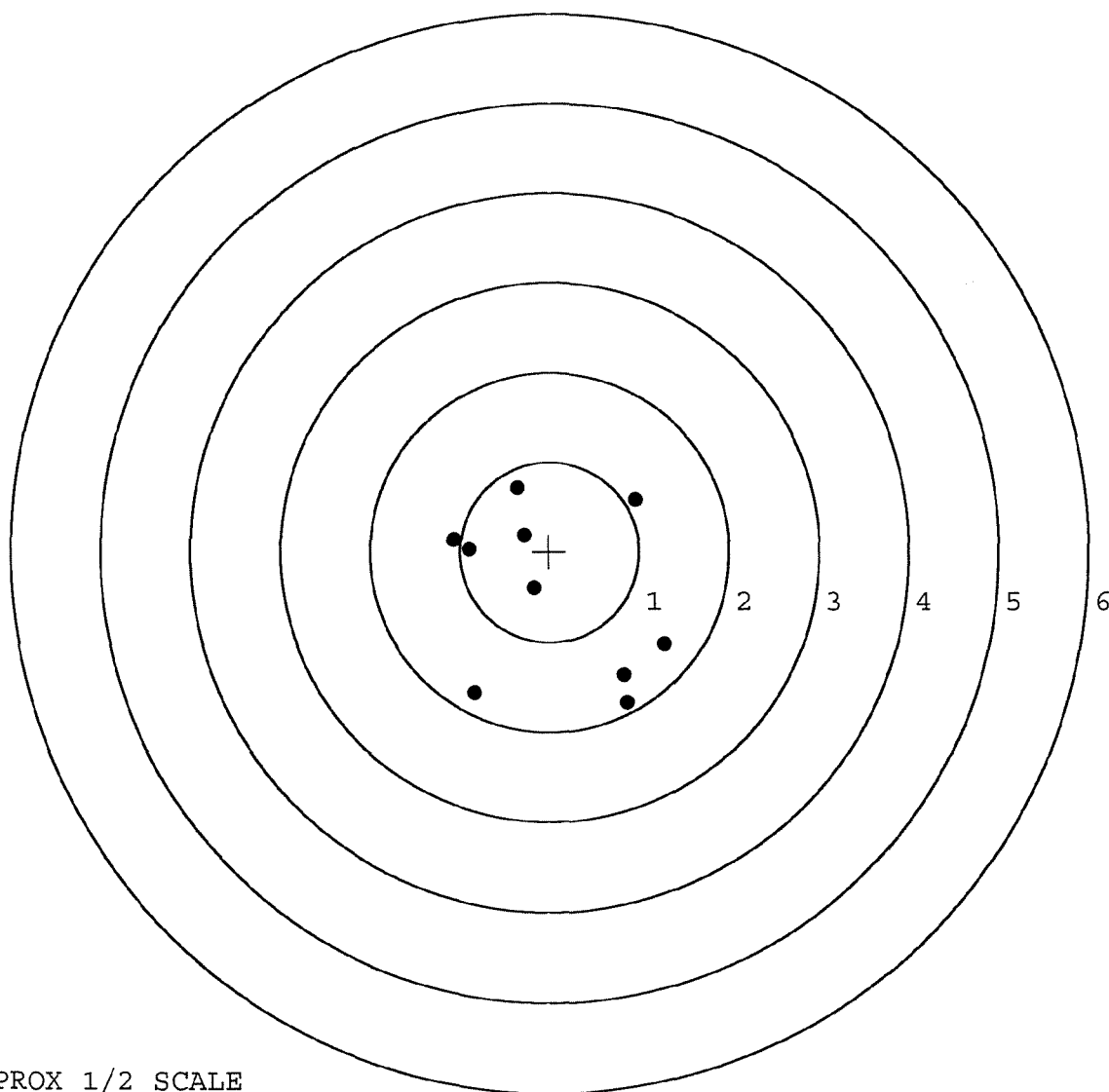
TARGET APPROX 1/2 SCALE

BARBER - M24 0106547

SERIAL NUMBER: C6349044. 0
 TARGET NUMBER: 3
 FILE DATE: 05/04/2005
 FILE TIME: 06:47

POINT#	X	Y
1:	0.872	-1.674
2:	0.836	-1.372
3:	1.279	-1.028
4:	-0.836	-1.569
5:	-0.167	-0.410
6:	0.958	0.575
7:	-0.283	0.186
8:	-0.356	0.707
9:	-0.896	0.028
10:	-1.068	0.130

X CENTROID: 0.034
 Y CENTROID: -0.443
 POA TO CENTROID: 0.444
 HORZ SPREAD: 2.347
 VERT SPREAD: 2.381
 GROUP SPREAD: 2.679
 MIN RADIUS: 0.204
 MAX RADIUS: 1.489
 MEAN RADIUS: 1.130
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 2
 # in 3 IN DIAMETER: 10



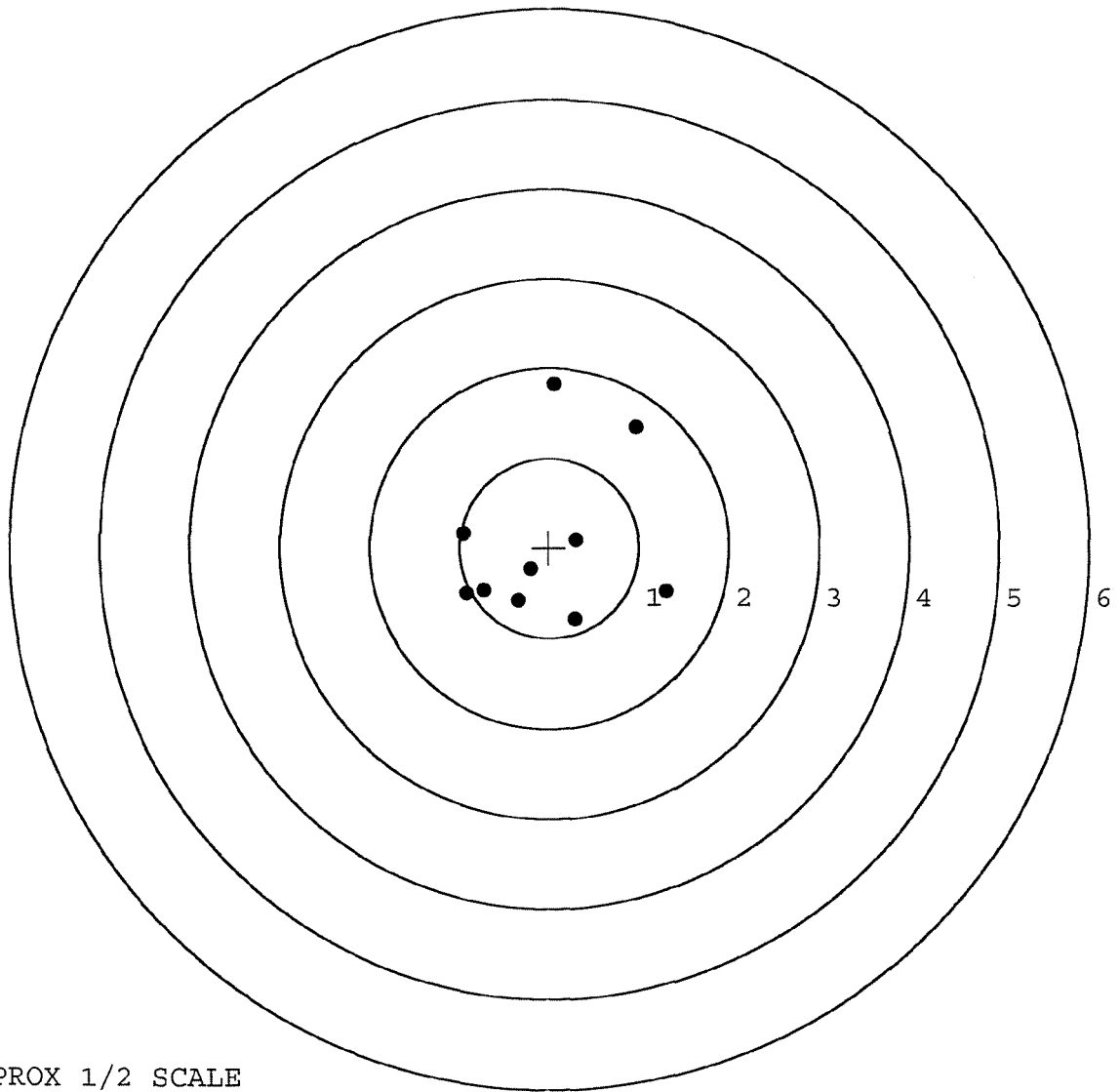
TARGET APPROX 1/2 SCALE

BARBER - M24 0106548

SERIAL NUMBER: C6349044. 0
 TARGET NUMBER: 4
 FILE DATE: 05/04/2005
 FILE TIME: 06:47

POINT#	X	Y
1:	1.303	-0.490
2:	0.292	-0.798
3:	0.303	0.087
4:	-0.202	-0.245
5:	-0.341	-0.587
6:	-0.731	-0.478
7:	-0.926	-0.513
8:	-0.958	0.162
9:	0.963	1.343
10:	0.055	1.815

X CENTROID: -0.024
 Y CENTROID: 0.030
 POA TO CENTROID: 0.038
 HORZ SPREAD: 2.261
 VERT SPREAD: 2.613
 GROUP SPREAD: 2.624
 MIN RADIUS: 0.327
 MAX RADIUS: 1.787
 MEAN RADIUS: 0.996
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



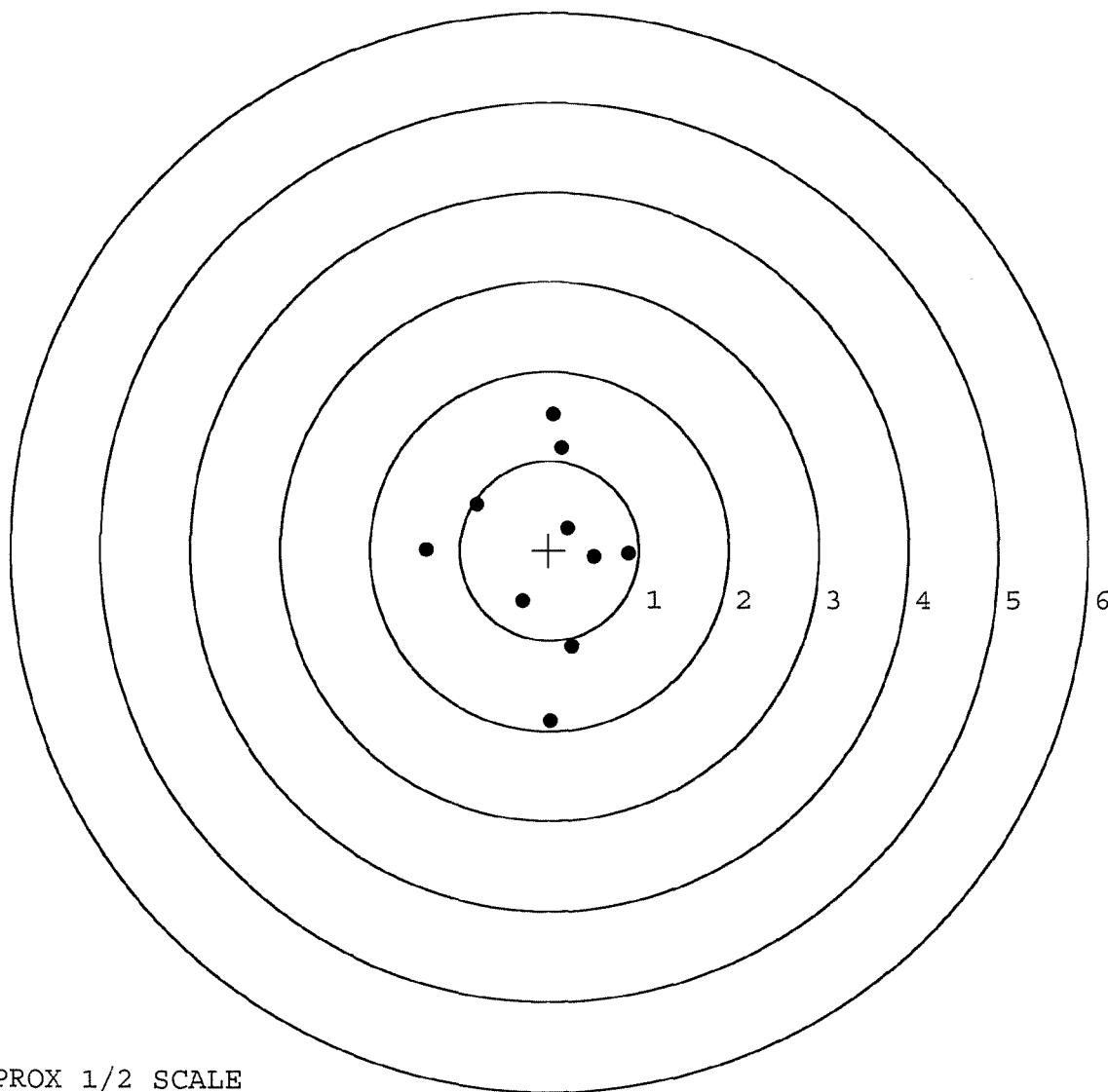
TARGET APPROX 1/2 SCALE

BARBER - M24 0106549

SERIAL NUMBER: C6349044. __0
 TARGET NUMBER: 5
 FILE DATE: 05/04/2005
 FILE TIME: 06:47

POINT#	X	Y
1:	0.017	-1.900
2:	0.254	-1.070
3:	-0.297	-0.569
4:	0.500	-0.079
5:	0.889	-0.041
6:	0.202	0.253
7:	0.140	1.140
8:	0.040	1.519
9:	-0.809	0.514
10:	-1.367	-0.002

X CENTROID: -0.043
 Y CENTROID: -0.023
 POA TO CENTROID: 0.049
 HORZ SPREAD: 2.256
 VERT SPREAD: 3.419
 GROUP SPREAD: 3.419
 MIN RADIUS: 0.369
 MAX RADIUS: 1.877
 MEAN RADIUS: 1.040
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

Remington[®]


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

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

MODEL 700TM M24	SERIAL NO. C6349044
	ORDER NO. 5716

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

01


5716 C6349044

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

CG349044

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 30	90	Rw
600	Proof	1 30	90	#
607	Check Headspace	1 30	90	K
610	Dis-assemble Gun	1 30	90	Rw
612	Magnaflux Barrel Action	2-5-90		KER
	Magnaflux Bolt	2-5-90		
615	Rollmark Caliber	2-5-90		GS
617	Drill and Tap Sight Holes	2-5-90		FB
618	Polish Barrel RB	2-5-90		WB
620	Apply Coatings (Barrel Action)		2-17-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/90	WB
	C) Inspect Ejector Hole for Chamfer		4/18/90	Rw
	D) Oil Firing Pin Ass'y		4/18/90	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		4/19/90	RM

BARBER - M24 0106552								
op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/20/90	JEL
	G) Safety Off Force	3	3	3			4/20/90	JEL
	H) Trigger Pull Test & Retainability						4/19/90	JEL
	I) Firing Pin Indent	.022	.022	.022			4/20/90	JEL
	J) Assemble Stock						4/20/90	RW
	K) Assemble Swivel Studs						5/8/90	WB
	L) Attach Front and Rear Sight Assemblies						4/20/90	RW
	M) Iron Sight Alignment						4/20/90	RW
	N) Detach Front & Rear Sights & place in numbered container						4/20/90	RW
	O) Attach Scope to Rifle						4/23/90	WB
	P) Detach & Attach Scope 20 Times						4/23/90	WB
640	Gallery Target & Test						4-23-90	AC
	A) Time						4-23-90	AC
	B) Malfunctions						4-23-90	AC
	C) Pierced Primers						4-23-90	AC
	D) Optical Clarity of Scope						4-23-90	AC
645	Inspect for Live Ammo						4-23-90	AC
655	Final Inspection						5/8/90	WB
	A) Headspace							
	B) Trigger Pull	2.44	2.65	2.46	2.52	2.44	5/7/90	WB
	C) Function						5/8/90	WB
660	Pack						6/19/90	D/H

MOD.		GA. CAL.	GUN #	ASSEM. #
#	DATE	MALFUNCTION/DEFECT		
1st	4/23/90	slow burst		
2nd				
3rd				
4th				
		FUNCTION		RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	Ream Ejector hole Polish Ejector	RW 4/25/90
TEST		
TGT		
PROOF	60 Rds 9/25/90 OK	D.H.
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

BARBER - M24 0106555

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349 044DATE 4/19/90TESTER JV

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.44	2.44	2.44	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.40	2.42	2.65	
PULL #3	2.35	2.46	2.36	2.46	
PULL #4	2.28	2.46	2.32	2.52	
PULL #5	2.43	2.21	2.35	2.44	
TOTAL	12.10	11.97	11.89		
AVG.	2.42	2.394	2.378		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.20		
PULL #2	3.25	3.26		
PULL #3	3.42	3.34		
PULL #4	3.36	3.26		
PULL #5	3.27	3.35		
TOTAL	16.41	16.41		
AVG.	3.282	3.282		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.34		4.29
PULL #2	4.18	4.34		4.27
PULL #3	4.15	4.25		4.26
PULL #4	4.36	4.37		4.13
PULL #5	4.28	4.35		4.26
TOTAL	21.13	21.65		21.21
AVG.	4.226	4.33		4.242

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349044
23 Apr 1990

CENTROIDAL DISTANCES

0 TO	1	.423265
1 TO	2	.485732
1 TO	3	.871236
1 TO	4	.620385
1 TO	5	.275632

step 1 (----POA

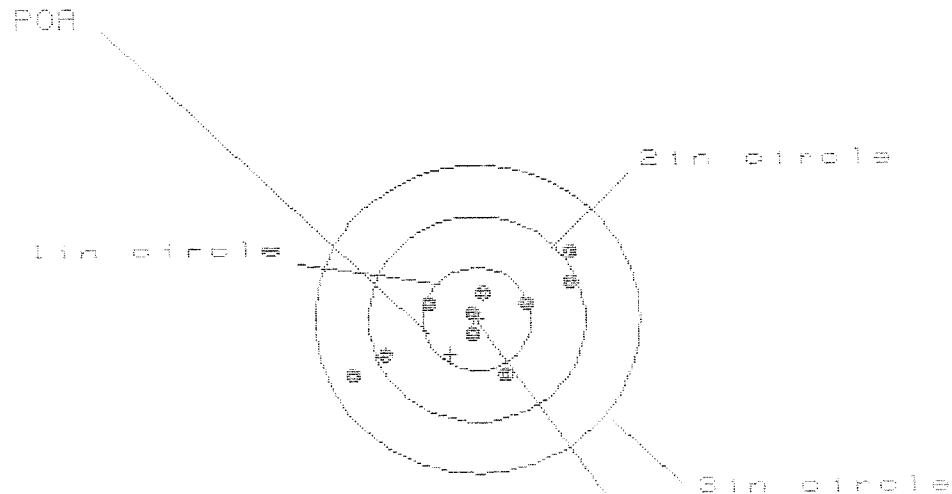
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1478
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1462
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .287892
THE RMS FOR THIS RIFLE IS: .7516

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6345044

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 10

ME = 1.584

VE = 1.237

GE = 2.347

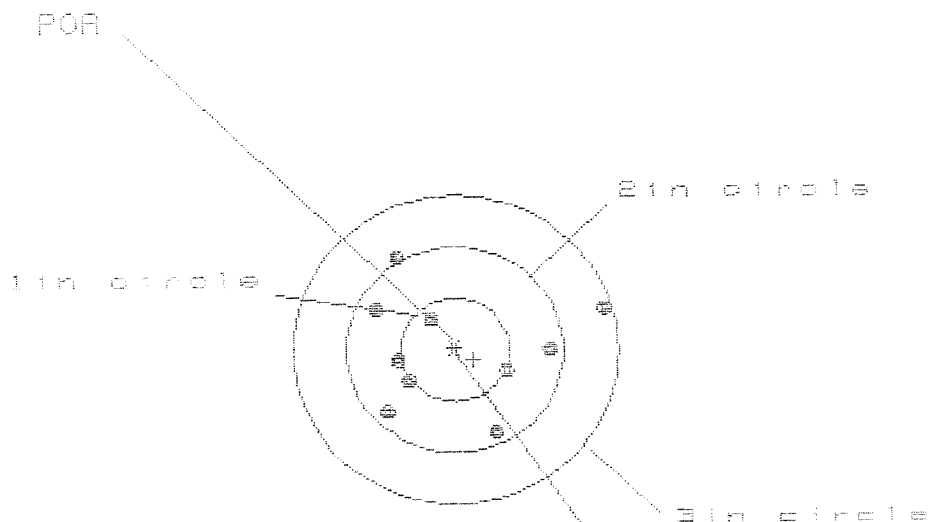
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.864	.739	.814
MINIMUM X	-1.130	-.934	-.842
MAXIMUM Y	.662	.598	.413
MINIMUM Y	-.575	-.599	-.524
CENTROID X	.249	.373	.281
CENTROID Y	.343	.407	.332
POA TO CENTROID in.	.423	.552	.435
MIN RADIUS	.896	.269	.131
MEAN RADIUS	.629	.560	.495
MAX RADIUS	1.268	1.037	.922
HORIZONTAL SPREAD	1.994	1.673	1.656
VERTICAL SPREAD	1.237	1.197	.937
EXTREME SPREAD	2.347	1.975	1.834
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349044

CENTERFIRE PATTERNS # 2



OF SHOTS= 12

IN CIR

1 in = 2

2 in = 6

3 in = 10

ME= 2.112

SE= 1.603

ES= 2.168

CENTROID #

PATTERN #

:

2

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.348

1.007

.963

MINIMUM X

:

-.765

-.616

-.660

MAXIMUM Y

:

.933

.973

.517

MINIMUM Y

:

-.750

-.710

-.588

CENTROID X

:

-.172

-.321

-.277

CENTROID Y

:

.099

.059

-.063

POA TO CENTROID in.

:

.198

.327

.284

MIN RADIUS

:

.340

.305

.382

MEAN RADIUS

:

.774

.674

.628

MAX RADIUS

:

1.395

1.036

.973

HORIZONTAL SPREAD

:

2.113

1.623

1.623

VERTICAL SPREAD

:

1.683

1.683

1.105

EXTREME SPREAD

:

2.169

1.912

1.667

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

8

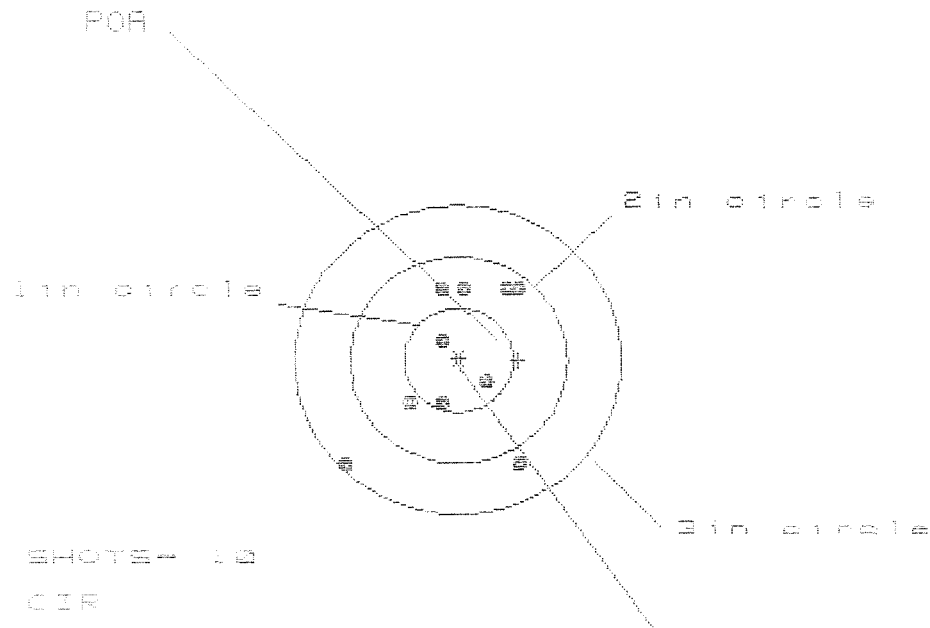
NUMBER IN THREE INCH CIRCLE =

10

23 Apr 1958

FILE:/PATTERNING/CENTERFIRE_PATT/C8348044

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 1.577

VS = 1.779

CS = 2.250

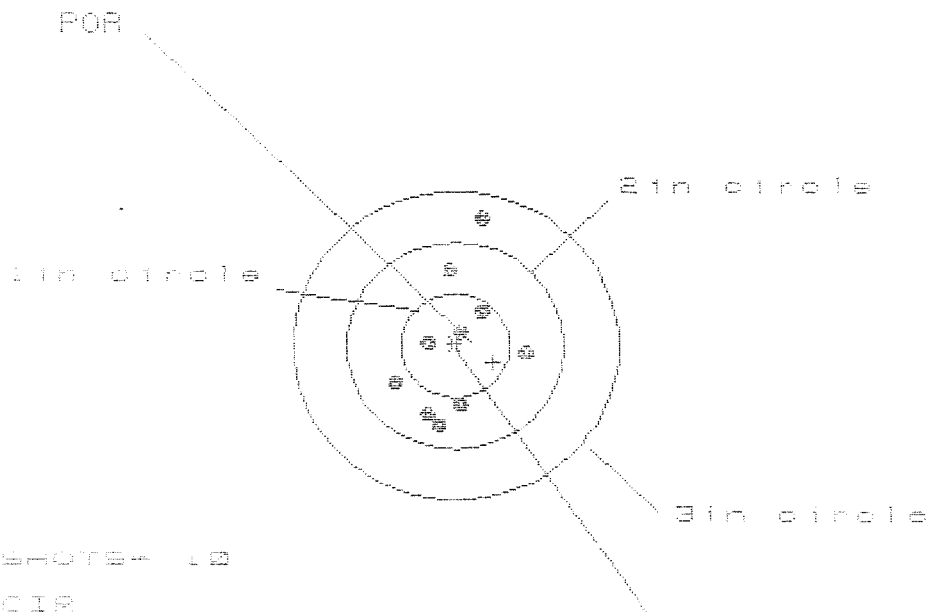
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.562	.449	.472
MINIMUM X	-1.015	-.573	-.517
MAXIMUM Y	.741	.633	.490
MINIMUM Y	-1.038	-1.146	-1.654
CENTROID X	-.555	-.442	-.498
CENTROID Y	.005	.113	.256
POA TO CENTROID in.	.555	.456	.560
MIN RADIUS	.200	.243	.197
MEAN RADIUS	.733	.650	.556
MAX RADIUS	1.400	1.231	.833
HORIZONTAL SPREAD	1.577	1.022	.989
VERTICAL SPREAD	1.779	1.779	1.144
EXTREME SPREAD	2.250	1.910	1.461
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349044

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 3

2in = 9

3in = 10

HS = 1.284

VS = 1.982

ES = 2.021

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.687	.714	.698
MINIMUM X	-.597	-.578	-.586
MAXIMUM Y	1.191	.873	.798
MINIMUM Y	-.791	-.658	-.596
CENTROID X	-.346	-.373	-.357
CENTROID Y	.164	.031	.114
FOR TO CENTROID in.	.383	.374	.375
MIN RADIUS	.192	.248	.224
MEAN RADIUS	.626	.556	.532
MAX RADIUS	1.215	.874	.792
HORIZONTAL SPREAD	1.284	1.284	1.284
VERTICAL SPREAD	1.982	1.531	1.386
EXTREME SPREAD	2.021	1.534	1.398
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

23 Apr 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08345044

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

2 in circle

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 6

3 in = 9

ME = 2.336

VE = 2.439

GE = 2.789

CENTROID *

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.283	1.166	1.056
MINIMUM X	-1.053	-0.935	-1.045
MAXIMUM Y	1.246	1.114	.935
MINIMUM Y	-1.193	-1.005	-0.866
CENTROID X	.086	.203	.313
CENTROID Y	.120	.252	.113
POR TO CENTROID in.	.148	.324	.333
MIN RADIUS	.546	.435	.541
MEAN RADIUS	.996	.920	.845
MAX RADIUS	1.591	1.420	1.163
HORIZONTAL SPREAD	2.336	2.101	2.101
VERTICAL SPREAD	2.439	2.119	1.801
EXTREME SPREAD	2.789	2.687	2.176
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	