

G 6300594
Replac
C-6225576

Repair Inquiry

Repair Number: RE00120746

Serial: G6300594 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 11/27/2006 11:43:24 AM

Verify Repair

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:

G6300594

Model: M24 SWS



RE00120746

SNIPER WEAPON SYSTEM-- UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300594.__0
FILE DATE AND TIME: 12/13/2006 05:30

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.070
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.071
The Average Mean Radius of the Five Target Set:	0.681
The Distance from POA to Centroid Target #1:	0.129
The Distance from Centroid Target #2 to Centroid Target #1:	0.231
The Distance from Centroid Target #3 to Centroid Target #1:	0.164
The Distance from Centroid Target #4 to Centroid Target #1:	0.217
The Distance from Centroid Target #5 to Centroid Target #1:	0.176

SERIAL NUMBER: G6300594. 0

TARGET NUMBER: 1

FILE DATE: 12/13/2006

FILE TIME: 05:30

X CENTROID: -0.128

Y CENTROID: -0.019

POA TO CENTROID: 0.129

HORZ SPREAD: 2.348

VERT SPREAD: 1.887

GROUP SPREAD: 3.012

MIN RADIUS: 0.044

MAX RADIUS: 1.573

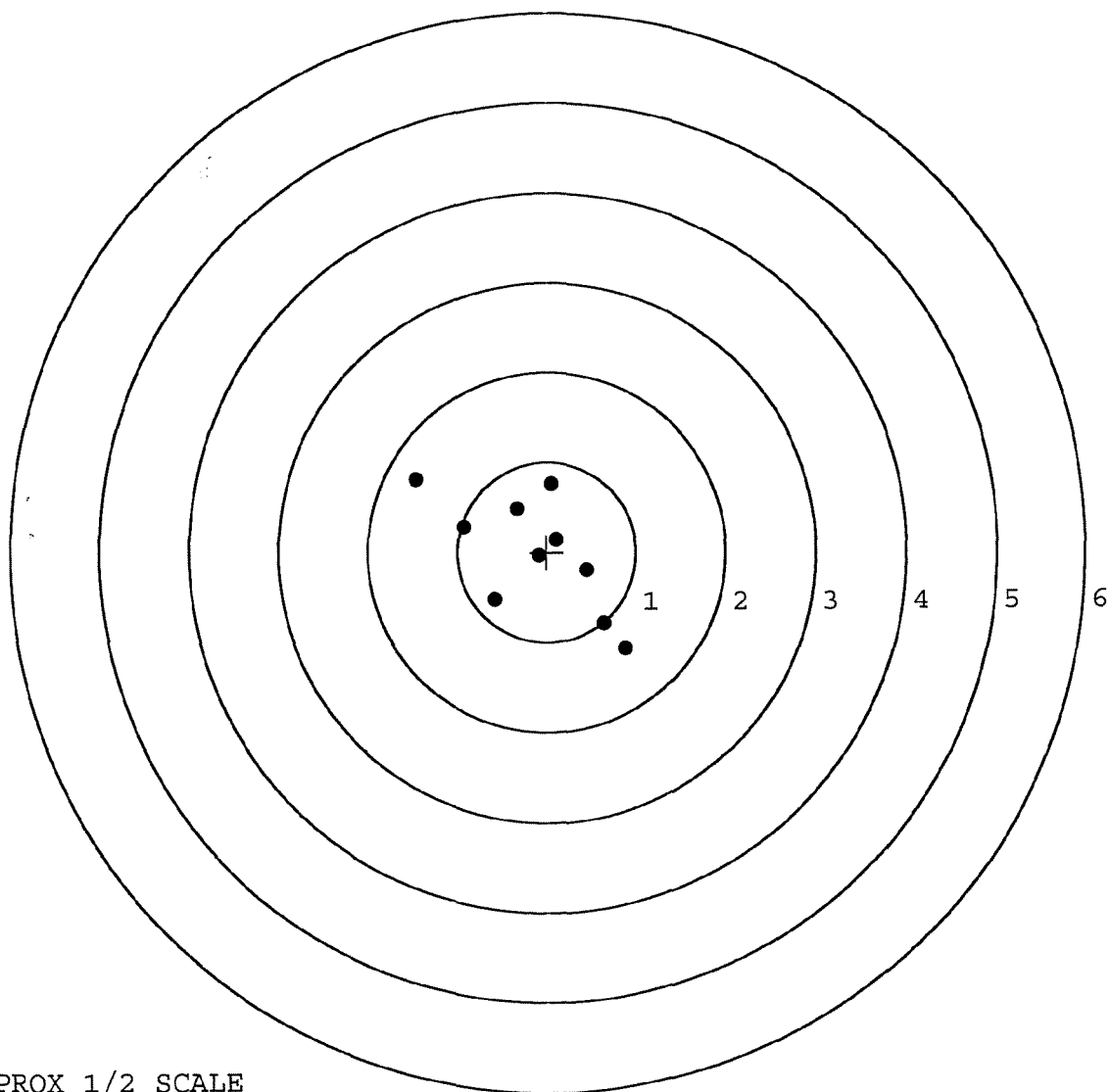
MEAN RADIUS: 0.795

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.882	-1.079
2:	0.636	-0.799
3:	0.452	-0.205
4:	0.108	0.134
5:	-0.090	-0.042
6:	-0.590	-0.531
7:	-0.927	0.285
8:	-1.466	0.808
9:	0.052	0.754
10:	-0.334	0.485



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. 0

TARGET NUMBER: 2

FILE DATE: 12/13/2006

FILE TIME: 05:30

POINT#	X	Y
1:	-0.116	0.759
2:	0.937	0.662
3:	0.532	0.133
4:	0.173	-0.086
5:	0.216	-0.522
6:	-0.409	-0.071
7:	-0.621	0.068
8:	-1.346	-0.353
9:	-1.517	-0.168
10:	-1.343	0.052

X CENTROID: -0.349

Y CENTROID: 0.047

POA TO CENTROID: 0.353

HORZ SPREAD: 2.454

VERT SPREAD: 1.281

GROUP SPREAD: 2.591

MIN RADIUS: 0.133

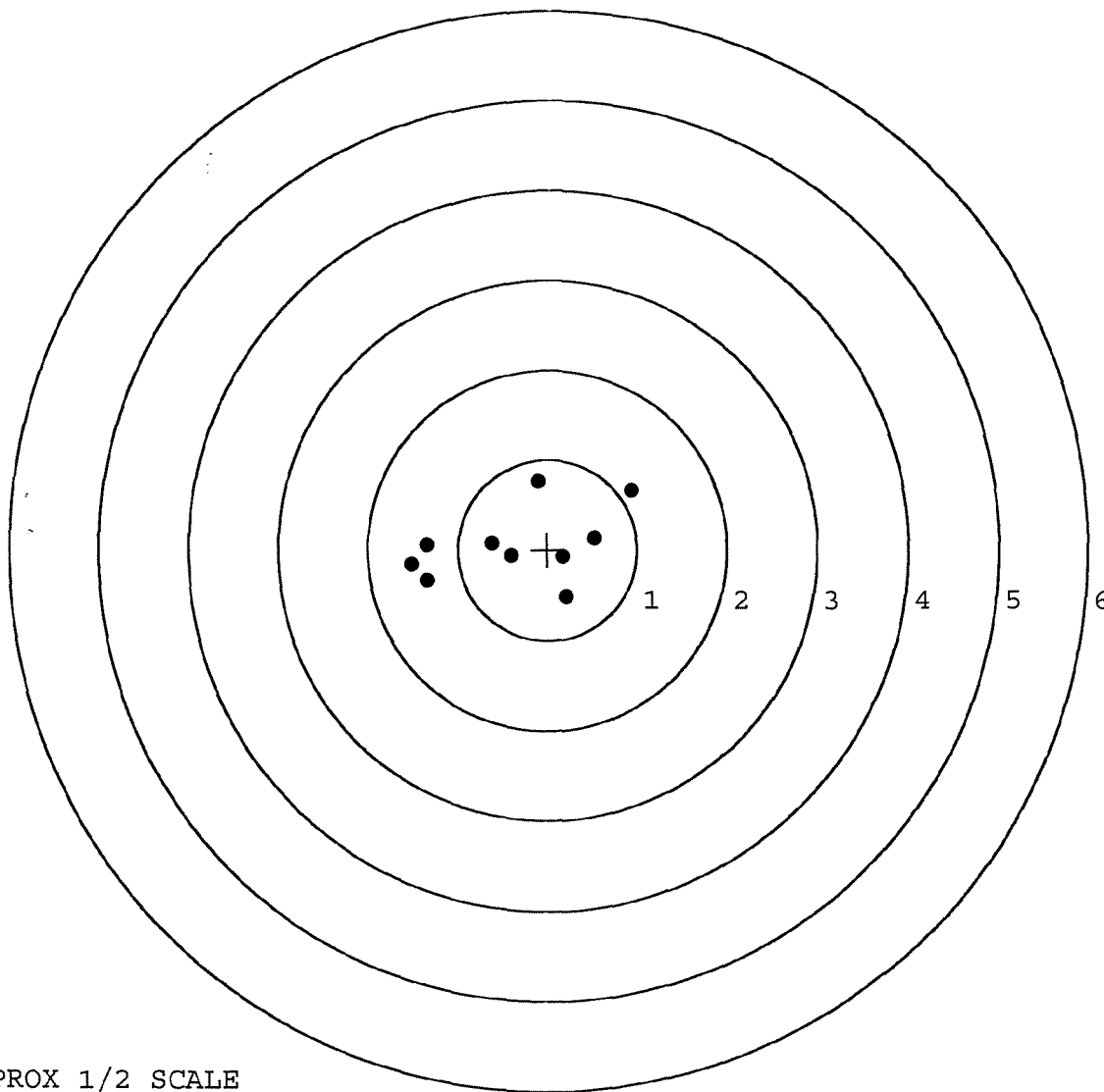
MAX RADIUS: 1.426

MEAN RADIUS: 0.806

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. 0

TARGET NUMBER: 3

FILE DATE: 12/13/2006

FILE TIME: 05:30

X CENTROID: 0.014

Y CENTROID: 0.064

POA TO CENTROID: 0.066

HORZ SPREAD: 1.761

VERT SPREAD: 1.748

GROUP SPREAD: 1.910

MIN RADIUS: 0.145

MAX RADIUS: 1.309

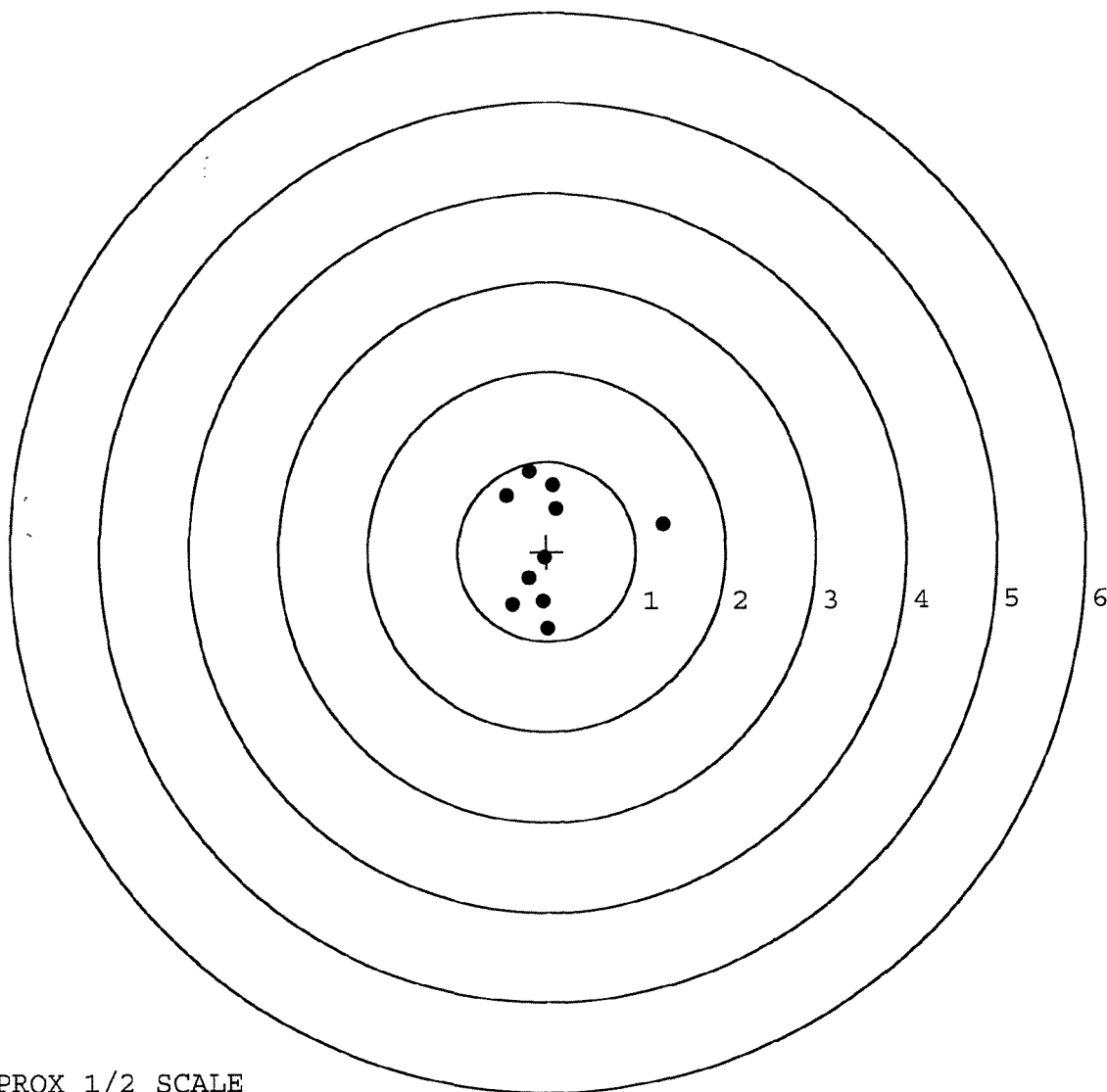
MEAN RADIUS: 0.687

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.301	0.299
2:	0.106	0.478
3:	0.070	0.735
4:	-0.200	0.888
5:	-0.460	0.621
6:	-0.003	-0.860
7:	-0.391	-0.588
8:	-0.032	-0.073
9:	-0.205	-0.298
10:	-0.051	-0.559



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. __0

TARGET NUMBER: 4

FILE DATE: 12/13/2006

FILE TIME: 05:30

X CENTROID: 0.082

Y CENTROID: 0.036

POA TO CENTROID: 0.090

HORZ SPREAD: 1.728

VERT SPREAD: 1.220

GROUP SPREAD: 1.826

MIN RADIUS: 0.129

MAX RADIUS: 1.183

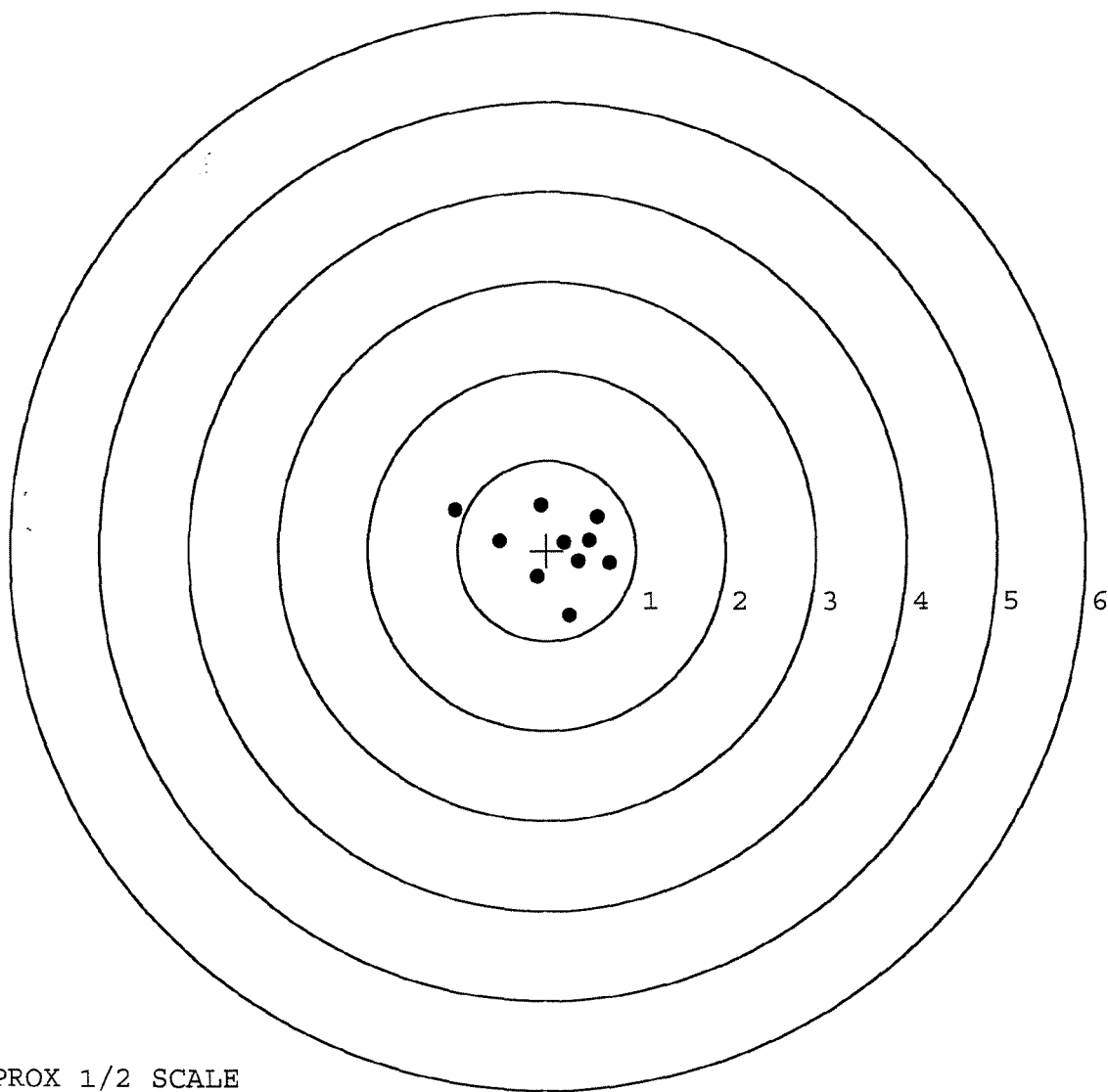
MEAN RADIUS: 0.552

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.027	0.448
2:	-0.067	0.503
3:	-0.529	0.100
4:	-0.109	-0.297
5:	0.565	0.376
6:	0.199	0.091
7:	0.356	-0.115
8:	0.701	-0.142
9:	0.259	-0.717
10:	0.477	0.117



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. 0

TARGET NUMBER: 5

FILE DATE: 12/13/2006

FILE TIME: 05:30

X CENTROID: 0.030

Y CENTROID: -0.097

POA TO CENTROID: 0.102

HORZ SPREAD: 1.647

VERT SPREAD: 1.306

GROUP SPREAD: 1.723

MIN RADIUS: 0.208

MAX RADIUS: 1.094

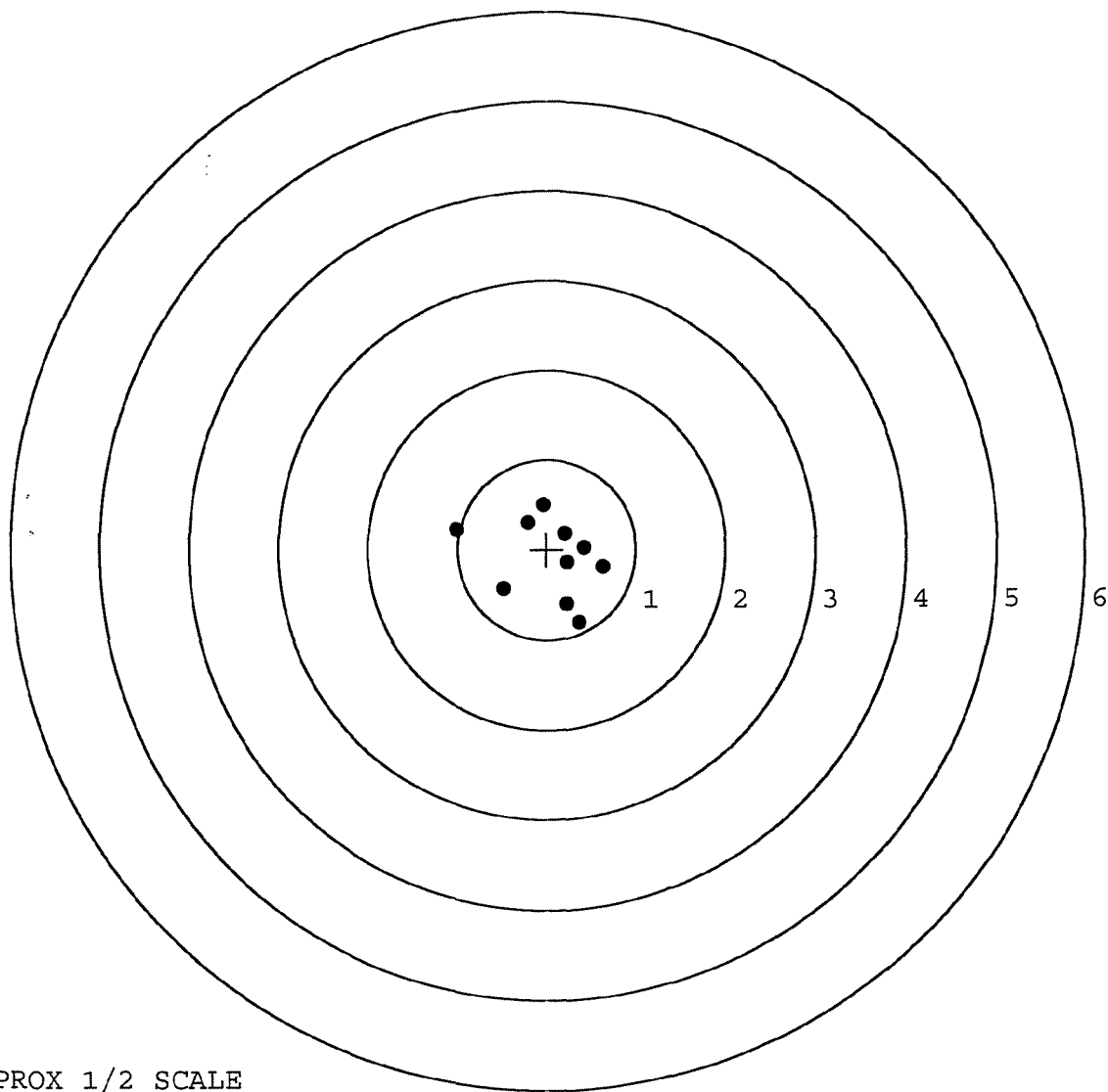
MEAN RADIUS: 0.566

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.487	-0.438
2:	0.221	-0.606
3:	0.360	-0.811
4:	-1.016	0.226
5:	-0.220	0.295
6:	-0.045	0.495
7:	0.196	0.183
8:	0.232	-0.146
9:	0.631	-0.197
10:	0.424	0.025



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	120746		
SERIAL NUMBER	C66300594		
LOG-IN DATE	11-27-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-28-06	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	12-5-06	APD
510	DRILL AND TAP	12-4-06	SD
500	ROLLMARK CALIBER	12-5-06	CW
520	GOFF BLAST BBL / REC	12/5/06	(S)
530 & 540	APPLY COATINGS	12/7/06	BB
560	FINAL ASSEMBLY	12-11-06	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	12-12-06 TRW
650	TARGET	(PASS) FAIL	12-12-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	12-12-06 RP
670	FINAL INSPECTION		
	A) HEADSPACE	(PASS) FAIL	12-16-06 BLG
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.44 2.47 2.54 2.54 2.55 BLG
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5° 5° 5° 12-14-06 RTZ
	G) SAFETY OFF FORCE	2 LBS MIN	2.58 2.58 2.58 12-14-06 RTZ
	I) FIRING PIN INDENT	.020	.025 .024 .024 12/14/06 RTZ
690	PACK		12-19-06 DA

F006 REV 5/2006

BARREL ASSEMBLY

BARREL_____
RECEIVER_____
FRONT SIGHT BASE_____
REAR SIGHT BASE_____
SCREWS_____
FINISH

SCOPE ASSEMBLY

SCOPE_____
SCOPE RINGS_____
MOUNTING SCREWS_____
MOUNTING BASE_____
SCREWS_____
FINISH_____
CLARITY

STOCK ASSEMBLY

STOCK_____
SLING SWIVEL STUDS_____
BUTT PATE_____
LOCK NUTS_____
BARREL CLEARANCE_____
COLOR / FINISH

SYSTEM CASE

SCOPE CASE_____
IRON SIGHTS_____
DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION_____
RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

Address Information

FFL

Close

start 4 2

BARBER - M24 **M2400162733**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300594.___0
FILE DATE AND TIME: 04/08/2004 06:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.088
The Average Y Centroid of the Five Target Set:	0.009
The Average Point of Impact of the Five Target Set:	0.089
The Average Mean Radius of the Five Target Set:	0.798
The Distance from POA to Centroid Target #1:	0.210
The Distance from Centroid Target #2 to Centroid Target #1:	0.283
The Distance from Centroid Target #3 to Centroid Target #1:	0.151
The Distance from Centroid Target #4 to Centroid Target #1:	0.241
The Distance from Centroid Target #5 to Centroid Target #1:	0.236

SERIAL NUMBER: G6300594. 0

TARGET NUMBER: 1

FILE DATE: 04/08/2004

FILE TIME: 06:06

X CENTROID: -0.148

Y CENTROID: -0.148

POA TO CENTROID: 0.210

HORZ SPREAD: 2.198

VERT SPREAD: 1.603

GROUP SPREAD: 2.419

MIN RADIUS: 0.062

MAX RADIUS: 1.332

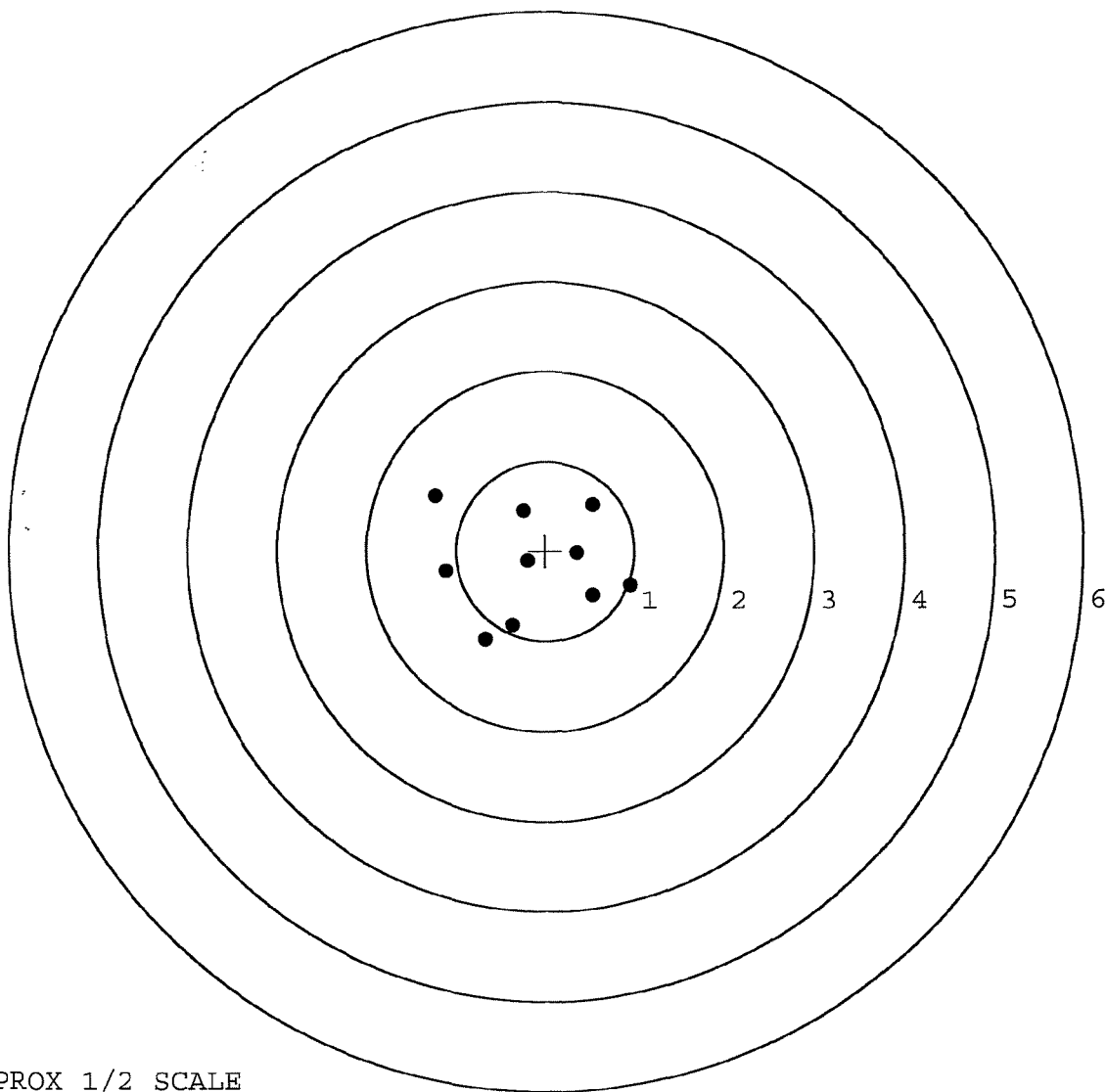
MEAN RADIUS: 0.805

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.959	-0.393
2:	0.528	-0.497
3:	-0.380	-0.828
4:	-0.675	-0.986
5:	-0.201	-0.115
6:	0.529	0.517
7:	-1.239	0.617
8:	-1.115	-0.231
9:	-0.248	0.453
10:	0.358	-0.021



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. 0

TARGET NUMBER: 2

FILE DATE: 04/08/2004

FILE TIME: 06:06

X CENTROID: -0.115

Y CENTROID: 0.132

POA TO CENTROID: 0.176

HORZ SPREAD: 1.654

VERT SPREAD: 2.196

GROUP SPREAD: 2.225

MIN RADIUS: 0.339

MAX RADIUS: 1.408

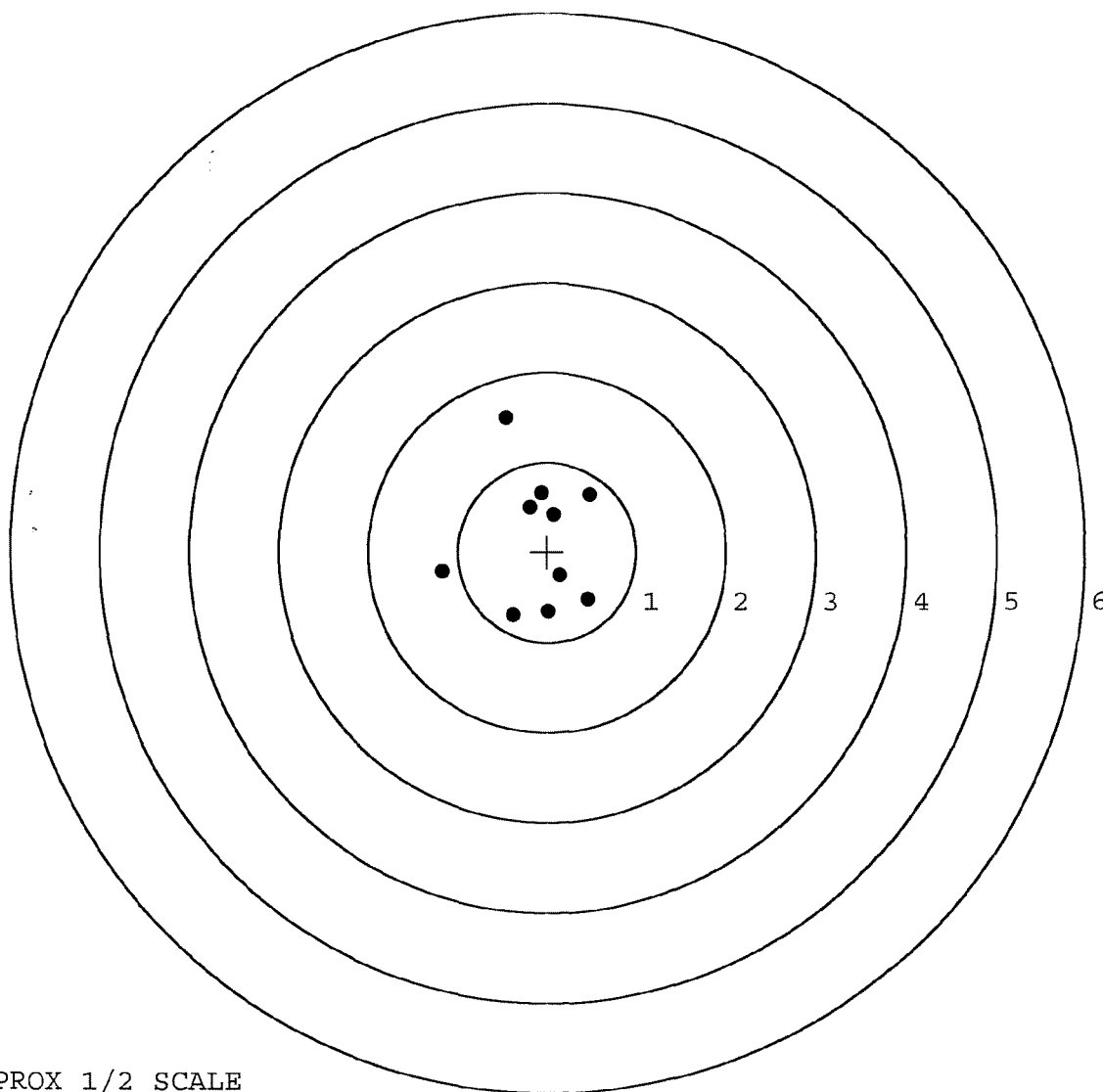
MEAN RADIUS: 0.757

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.478	0.641
2:	-0.472	1.495
3:	-1.176	-0.223
4:	-0.390	-0.701
5:	-0.072	0.654
6:	0.069	0.417
7:	-0.199	0.495
8:	0.459	-0.526
9:	0.007	-0.664
10:	0.144	-0.263



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. 0

TARGET NUMBER: 3

FILE DATE: 04/08/2004

FILE TIME: 06:06

X CENTROID: -0.019

Y CENTROID: -0.070

POA TO CENTROID: 0.073

HORZ SPREAD: 1.831

VERT SPREAD: 2.245

GROUP SPREAD: 2.308

MIN RADIUS: 0.245

MAX RADIUS: 1.340

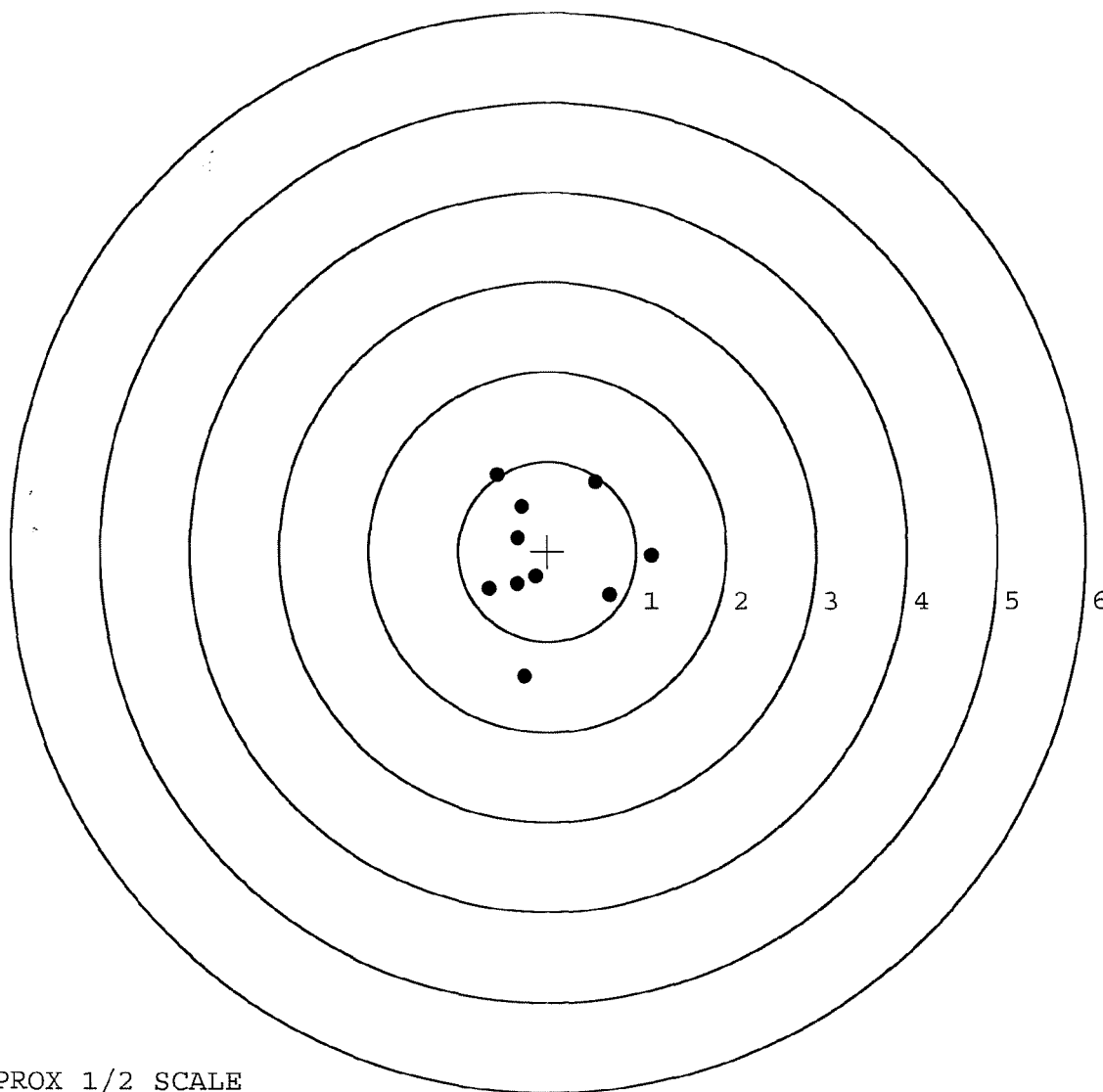
MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.173	-0.047
2:	0.696	-0.482
3:	-0.265	-1.387
4:	0.539	0.776
5:	-0.567	0.858
6:	-0.299	0.494
7:	-0.334	0.152
8:	-0.137	-0.285
9:	-0.341	-0.365
10:	-0.658	-0.415



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. 0

TARGET NUMBER: 4

FILE DATE: 04/08/2004

FILE TIME: 06:06

X CENTROID: -0.005

Y CENTROID: 0.045

POA TO CENTROID: 0.045

HORZ SPREAD: 1.781

VERT SPREAD: 2.482

GROUP SPREAD: 2.844

MIN RADIUS: 0.322

MAX RADIUS: 1.506

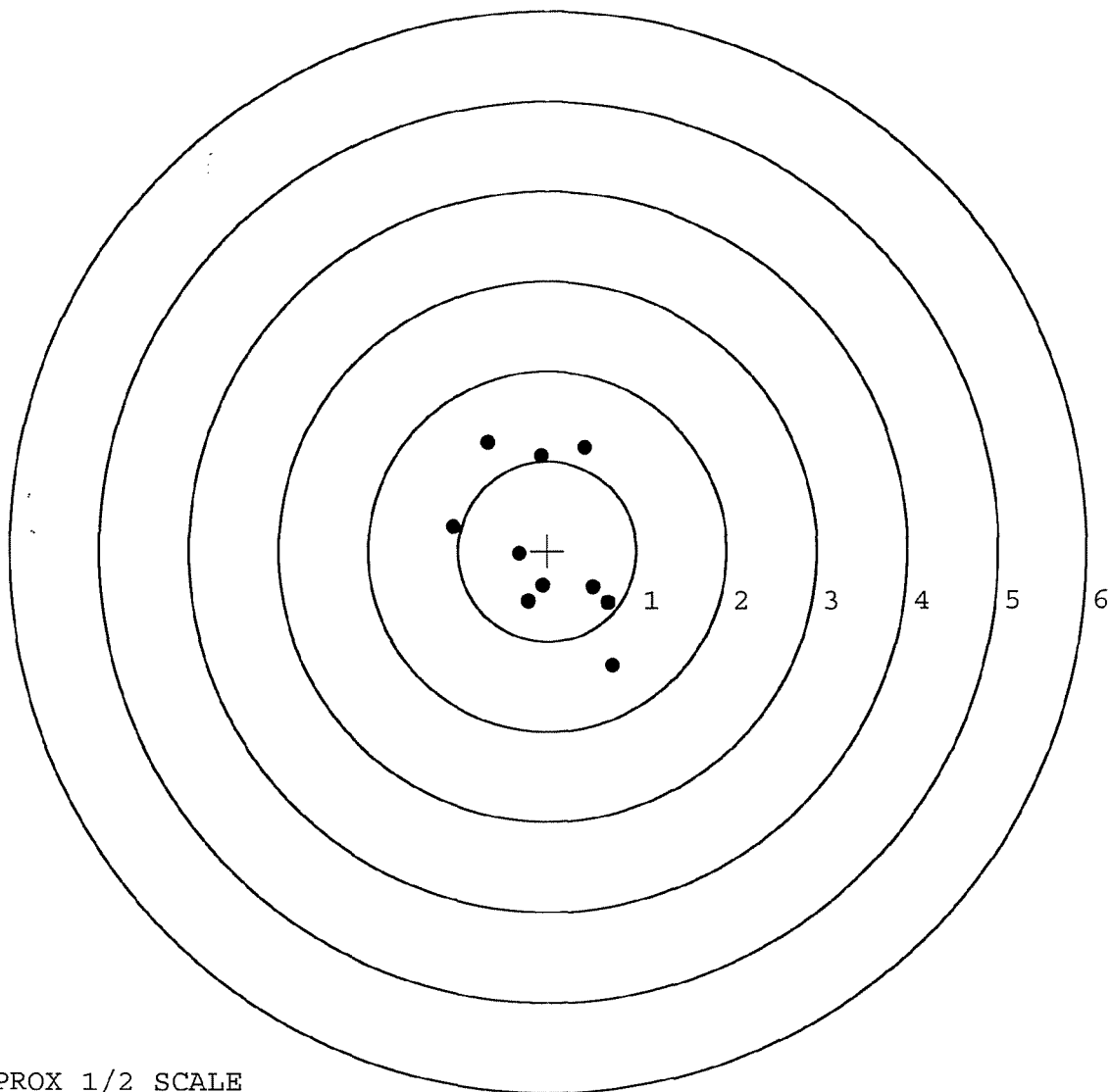
MEAN RADIUS: 0.913

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.727	-1.271
2:	0.675	-0.575
3:	0.509	-0.406
4:	-0.217	-0.564
5:	-0.055	-0.392
6:	-0.316	-0.037
7:	-1.054	0.272
8:	-0.662	1.211
9:	-0.073	1.054
10:	0.421	1.160



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6300594. 0

TARGET NUMBER: 5

FILE DATE: 04/08/2004

FILE TIME: 06:06

X CENTROID: -0.154

Y CENTROID: 0.087

POA TO CENTROID: 0.177

HORZ SPREAD: 1.713

VERT SPREAD: 1.962

GROUP SPREAD: 2.050

MIN RADIUS: 0.380

MAX RADIUS: 1.262

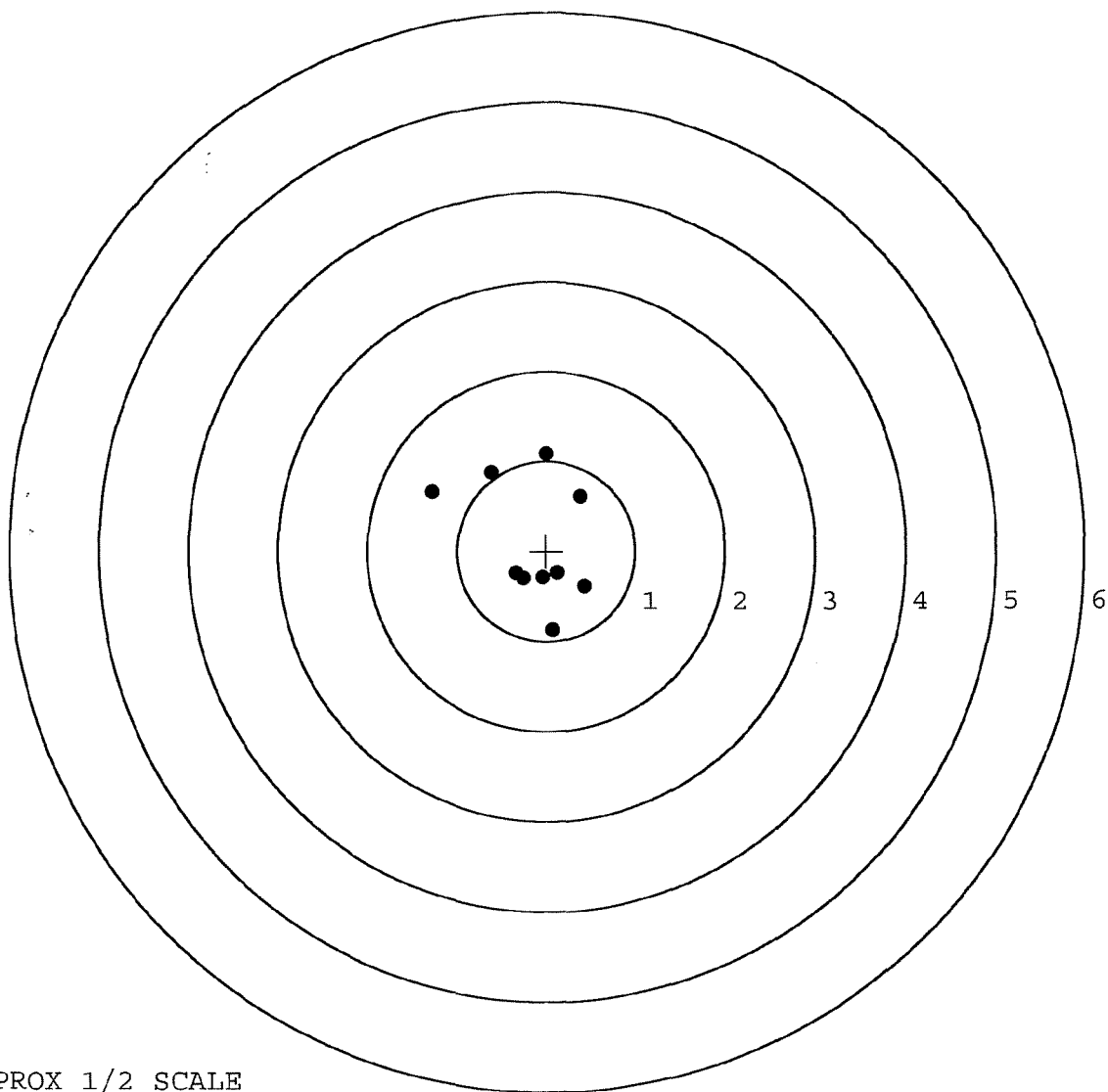
MEAN RADIUS: 0.729

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.382	0.613
2:	-0.005	1.078
3:	-0.614	0.875
4:	-1.280	0.656
5:	0.073	-0.884
6:	0.433	-0.387
7:	0.123	-0.243
8:	-0.044	-0.294
9:	-0.344	-0.242
10:	-0.261	-0.301



TARGET APPROX 1/2 SCALE

BARBER - M24 0162701

R & E NUMBER	78351		
SERIAL NUMBER	C6225576 ³⁹⁴ C6300 557 (New)		
LOG-IN DATE	3-8-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-8-04	RTL
560 A	RE-BARREL	3-9-04	RTL
B	DRILL AND TAP	3-15-04	TRW
575	ASSEMBLE	3-9-04	RTL
600	PROOF	3-9-04	TRW
605	CHECK HEADSPACE	3-9-04	RTL
610	DIS-ASSEMBLE GUN	3-9-04	RTL
612	MAGNAFLUX	3-9-04	RTL
615	ROLLMARK CALIBER	3-9-04	RTL
618	ROTO-BLAST	3/16/2004	Dans
620	APPLY COATINGS	3-19	TA
625 A	FINAL ASSEMBLY	3-22-04	RLW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-25-04	RTL
655	FINAL INSPECT	4-6-04	RTL
660	PACK	4-7-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225576

OP. #	OP. NAME	READINGS	DATE	INIT
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	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/22/88	WBC.
617	Drill and Tap Sight Holes	1 3	89	FB
618	Polish Barrel	12 2	88	WJT
620	Apply Coatings (Barrel Action)		1-18-89	TJA
	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	LS

BARBER - M24 0162703								
op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			6/26/89	JS
	G) Safety Off Force	3	3	3			6/26/89	JS
	H) Trigger Pull Test & Retainability						2/26/89	JS
	I) Firing Pin Indent	.020	.0205	.021			6/26/89	JS
	J) Assemble Stock						2/9/89	KW
	K) Assemble Swivel Studs						15/26/89	JS
	L) Attach Front and Rear Sight Assemblies						2/9/89	KW
	M) Iron Sight Alignment						2/9/89	KW
	N) Detach Front & Rear Sights & place in numbered container						2/9/89	KW
	O) Attach Scope to Rifle						10/26/89	JS
	P) Detach & Attach Scope 20 Times						10/26/89	JS
640	Gallery Target & Test	82 R	726				2/14/89	DH
	A) Time						2/14/89	DH
	B) Malfunctions						2/14/89	DH
	C) Pierced Primers						2/14/89	DH
	D) Optical Clarity of Scope						2/14/89	DH
645	Inspect for Live Ammo						2/14/89	DH
655	Final Inspection							
	A) Headspace						15/26/89	JS
	B) Trigger Pull	2.57	2.59	2.48	2.46	2.47	15/26/89	JS
	C) Function						15/26/89	JS
660	Pack						22/Mar/89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5596DATE 4/3/90TESTER D.H.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.98	2.40	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.30	2.41	2.41	
PULL #3	2.49	2.39	2.33	
PULL #4	2.41	2.29	2.41	
PULL #5	2.44	2.47	2.27	
TOTAL	12.12	12.02	11.78	
AVG.	2.42	2.41	2.35	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.08	3.15	
PULL #2	3.06	3.06	
PULL #3	3.03	3.08	
PULL #4	3.12	3.13	
PULL #5	3.03	3.08	
TOTAL	15.32	15.50	
AVG.	3.11	3.10	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.06	4.17		
PULL #2	4.05	4.14		
PULL #3	4.07	4.14		
PULL #4	4.08	4.10		
PULL #5	4.10	4.03		
TOTAL	20.36	20.58		
AVG.	4.07	4.11		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225576
17 Feb 1989

CENTROIDAL DISTANCES

Ø TO	1	.292318
1 TO	2	.499885
1 TO	3	.14684
1 TO	4	.3223
1 TO	5	.523259

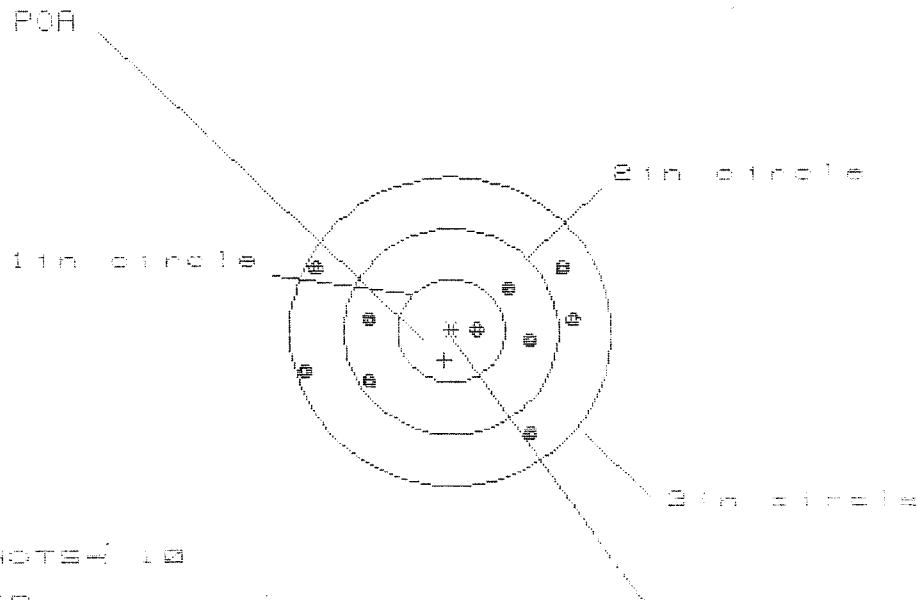
$\frac{5.31}{42}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0916
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .122
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .15256
THE AMR FOR THIS RIFLE IS: .8852

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06825376

CENTERFIRE PATTERNS # 1



OF SHOTS: 10

IN CIR

1in = 1

2in = 5

3in = 10

HSE = 2.517

VSE = 1.614

GSE = 2.592

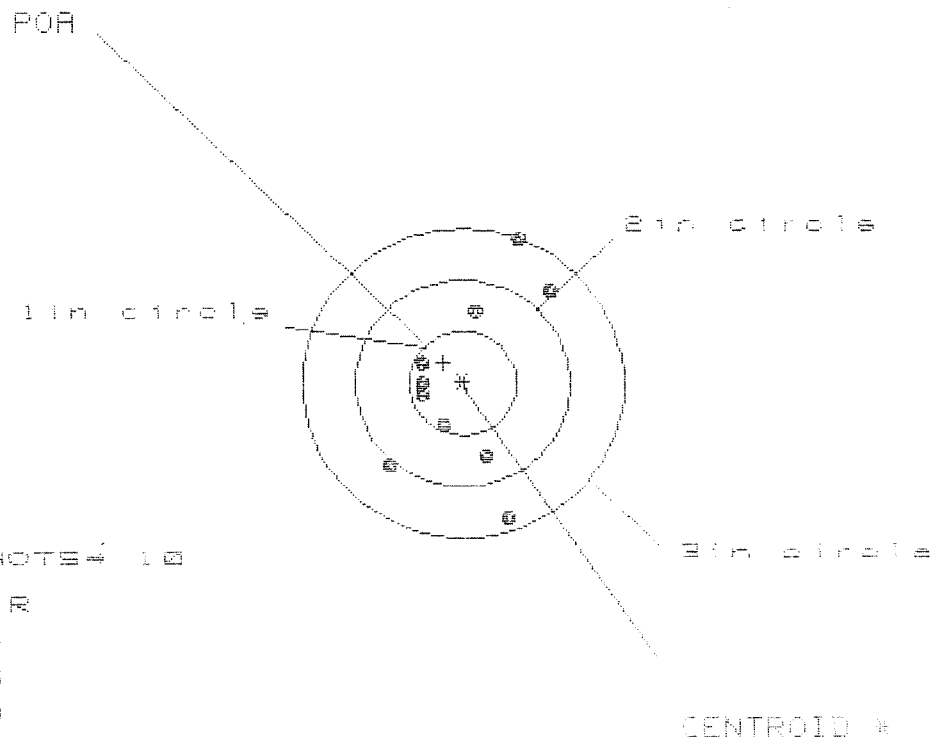
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.146	1.001	.811
MINIMUM X	-1.371	-1.516	-1.143
MAXIMUM Y	.647	.717	.676
MINIMUM Y	-.967	-.897	-.938
CENTROID X	.065	.210	.400
CENTROID Y	.285	.215	.256
POA TO CENTROID in.	.292	.300	.475
MIN RADIUS	.204	.109	.142
MEAN RADIUS	.970	.886	.763
MAX RADIUS	1.455	1.552	1.196
HORIZONTAL SPREAD	2.517	2.517	1.954
VERTICAL SPREAD	1.614	1.614	1.614
EXTREME SPREAD	2.592	2.592	2.105
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08285576

CENTERFIRE PATTERNS # 2



OF SHOTS 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS = 1.562

VS = 2.683

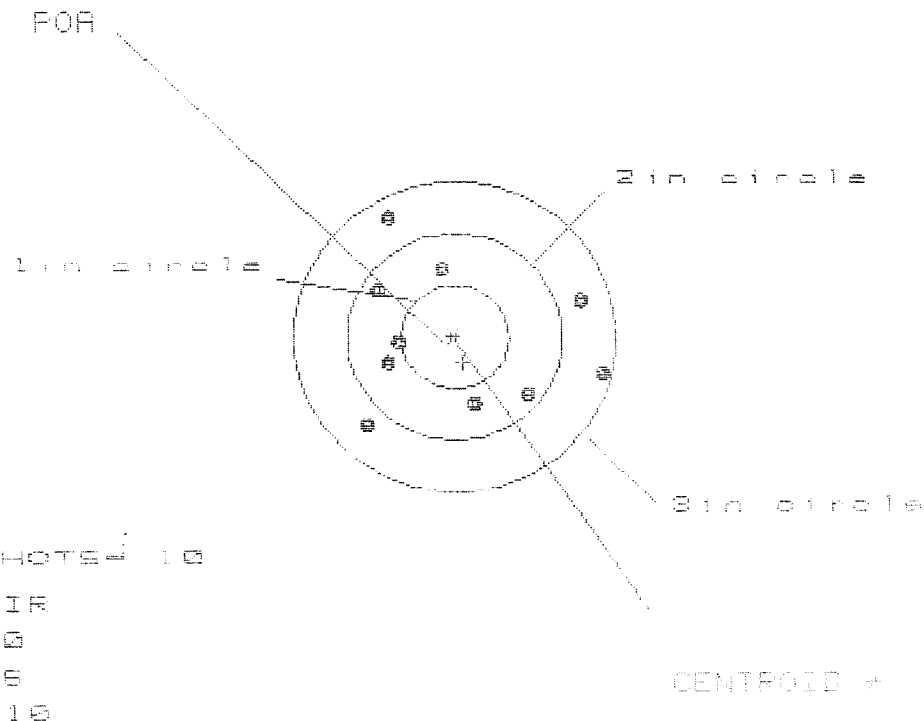
GS = 2.685

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.846	.900	.956
MINIMUM X	-.716	-.662	-.606
MAXIMUM Y	1.420	1.054	.916
MINIMUM Y	-1.263	-1.106	-.775
CENTROID X	.182	.128	.072
CENTROID Y	-.201	-.358	-.220
POA TO CENTROID in.	.271	.381	.292
MIN RADIUS	.370	.267	.261
MEAN RADIUS	.819	.712	.606
MAX RADIUS	1.501	1.386	1.324
HORIZONTAL SPREAD	1.562	1.562	1.562
VERTICAL SPREAD	2.683	2.160	1.691
EXTREME SPREAD	2.685	2.302	2.392
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08285578

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 5

3 in = 10

HS = 2.184

VS = 2.026

ES = 2.488

PATTERN #

3

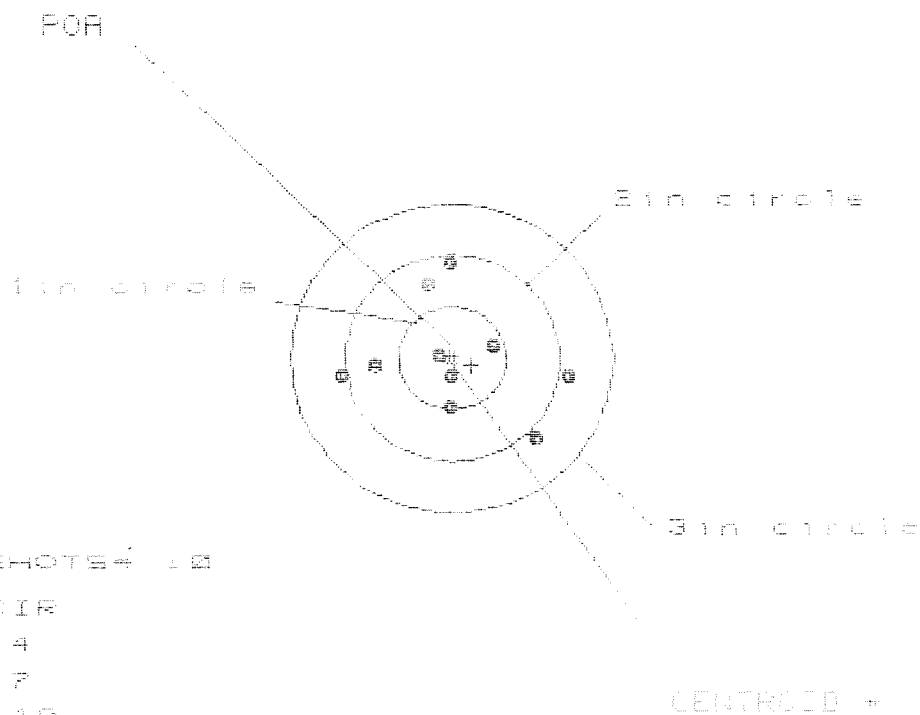
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.365	1.373	1.311
MINIMUM X	-.819	-.667	-.729
MAXIMUM Y	1.147	1.112	.727
MINIMUM Y	-.879	-.914	-.775
CENTROID X	-.076	-.228	-.166
CENTROID Y	.244	.279	.140
POR TO CENTROID in.	.256	.360	.217
MIN RADIUS	.536	.389	.453
MEAN RADIUS	.940	.860	.812
MAX RADIUS	1.400	1.420	1.403
HORIZONTAL SPREAD	2.184	2.040	2.040
VERTICAL SPREAD	2.026	2.026	1.582
EXTREME SPREAD	2.488	2.405	2.405
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

17 Feb 1989

FILE: \PATTERNING\CENTERFIRE_PATT\08285578

CENTERFIRE PATTERNS

4



OF SHOTS# 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 2.088

VS= 1.661

GS= 2.088

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.048

1.130

.549

MINIMUM X

:

-1.048

-.958

-.817

MAXIMUM Y

:

.886

.800

.767

MINIMUM Y

:

-.775

-.532

-.565

CENTROID X

:

-.176

-.258

-.399

CENTROID Y

:

.071

.157

.189

POA TO CENTROID IN:

:

.190

.302

.442

MIN RADIUS

:

.088

.071

.171

MEAN RADIUS

:

.655

.607

.547

MAX RADIUS

:

1.071

1.159

.851

HORIZONTAL SPREAD

:

2.088

2.088

1.366

VERTICAL SPREAD

:

1.661

1.332

1.332

EXTREME SPREAD

:

2.089

2.089

1.433

NUMBER IN ONE INCH CIRCLE =

4

NUMBER IN TWO INCH CIRCLE =

7

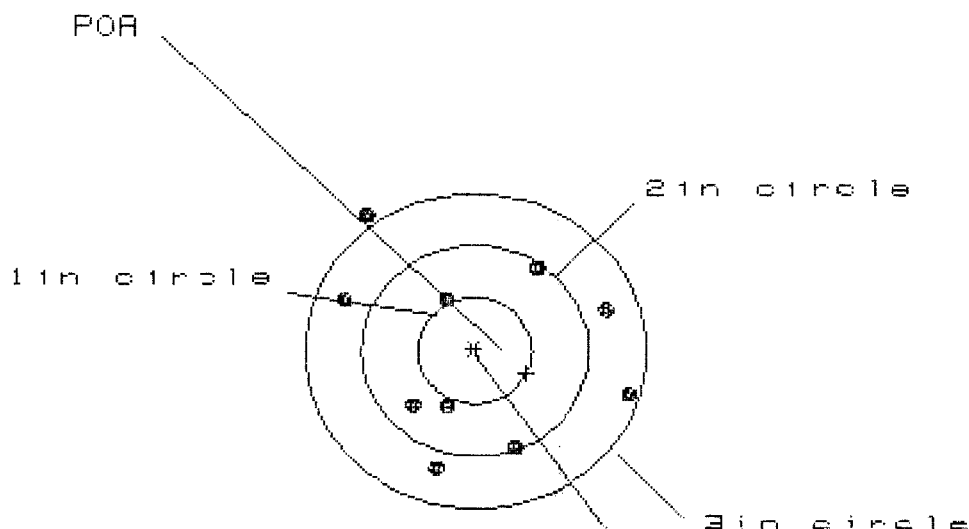
NUMBER IN THREE INCH CIRCLE =

10

17 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225576

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 9

HS= 2.445

VS= 2.412

GS= 2.781

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.347	1.246	1.224
MINIMUM X	-1.098	-1.199	-1.043
MAXIMUM Y	1.263	.905	.878
MINIMUM Y	-1.149	-1.009	-1.036
CENTROID X	-.453	-.352	-.508
CENTROID Y	.211	.071	.098
POA TO CENTROID in.	.500	.359	.517
MIN RADIUS	.548	.476	.424
MEAN RADIUS	1.042	.973	.915
MAX RADIUS	1.556	1.362	1.329
HORIZONTAL SPREAD	2.445	2.445	2.267
VERTICAL SPREAD	2.412	1.914	1.914
EXTREME SPREAD	2.781	2.595	2.269
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

BARBER - M24 016299162750

21 DAY TURN - AROUND

New
Barrel

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6225576

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

RW

605 CHECK HEADSPACE

5-16-97

RW

610 DIS-ASSEMBLE

612 MAGNAFLUX

615 ROLLMARK CALIBER

618 ROTO-BLAST

620 APPLY COATINGS

625 A FINAL ASSEMBLY

7-16-97

RW

B TRIGGER PULL TEST

C SAFETY ON FORCE

D SAFETY OFF FORCE

E FIRING PIN INDENT

640 TARGET

7-16-97

RW

655 FINAL INSPECT

660 PACK

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225576

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 0162714

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225576
16 Jul 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0766
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .138
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .157834

THE AMR FOR THIS RIFLE IS: 1.192

CENTROIDAL DISTANCES

0	TO	1	.354831
1	TO	2	.454964
1	TO	3	.449304
1	TO	4	.482203
1	TO	5	.298292

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

BARBER - M24 0162715

REMINGTON CENTERFIRE ACCURACY TEST

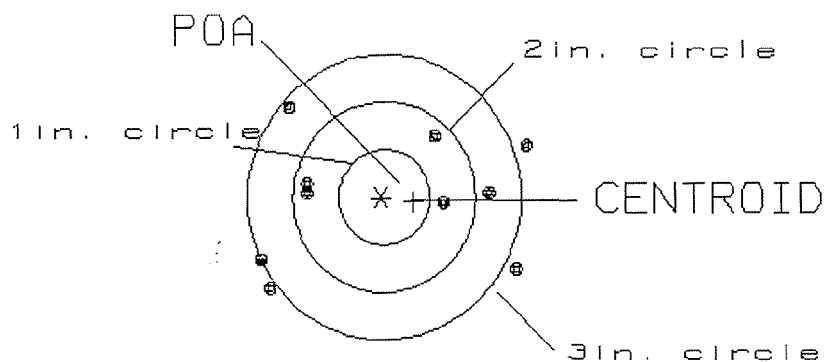
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 1
 POA TO CENTROID: .355
 MIN RADIUS : .608
 MEAN RADIUS : 1.217
 MAX RADIUS : 1.697
 CENTROID X : -.351
 CENTROID Y : .052

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225576

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.96

0

VS= 1.96

4

GS= 3.22

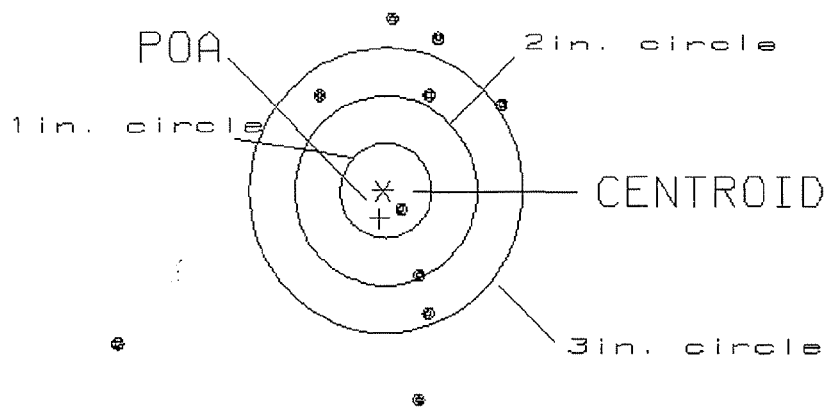
6

PATTERN #: 2
 POA TO CENTROID: .298
 MIN RADIUS : .261
 MEAN RADIUS : 1.546
 MAX RADIUS : 3.329
 CENTROID X : .033
 CENTROID Y : .296

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225576

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 4.15

1

VS= 3.91

2

GS= 4.82

5

REMINGTON CENTERFIRE ACCURACY TEST

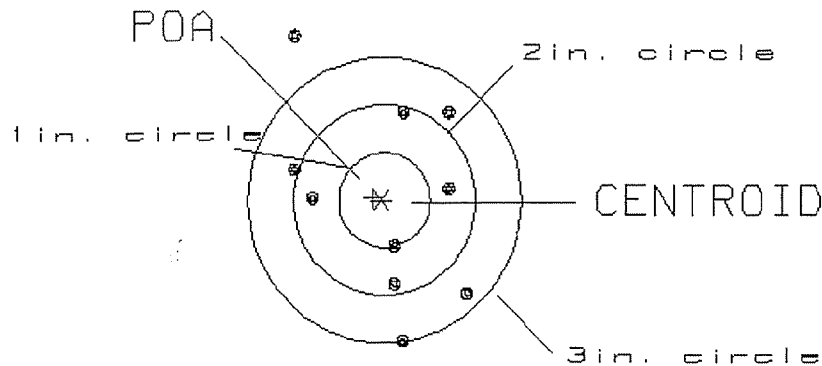
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .095
 MIN RADIUS : .437
 MEAN RADIUS : 1.070
 MAX RADIUS : 1.972
 CENTROID X : .092
 CENTROID Y : -.023

16 Jul 1997

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6225576

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.91
 US= 3.21
 GS= 3.44

1
 5
 8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4

POA TO CENTROID: .452

MIN RADIUS : .391

MEAN RADIUS : 1.389

MAX RADIUS : 2.369

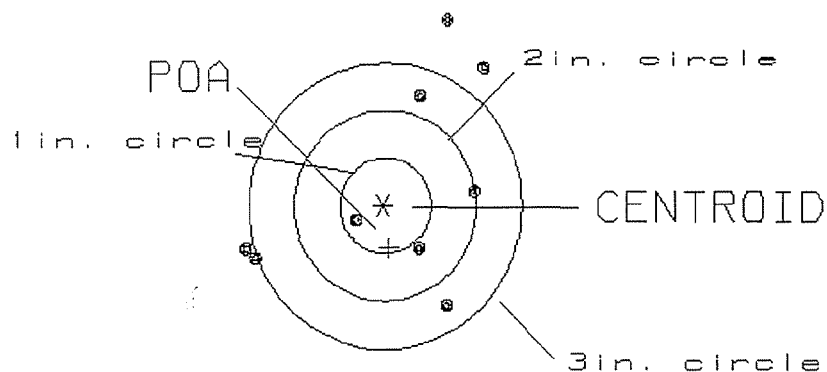
CENTROID X : -.073

CENTROID Y : .446

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225576

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.62

1

VS= 4.15

3

GS= 4.49

5

REMINGTON CENTERFIRE ACCURACY TEST

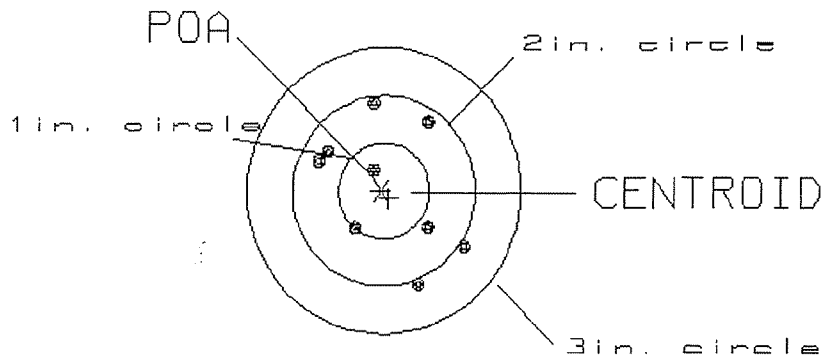
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 050
 POA TO CENTROID: .116
 MIN RADIUS : .260
 MEAN RADIUS : .739
 MAX RADIUS : 1.086
 CENTROID X : -.084
 CENTROID Y : .081

16 Jul 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225576

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.69

3

VS= 1.90

6

GS= 1.97

10

Remington®

MODEL 700™ H24

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

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

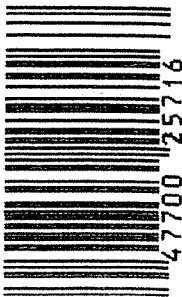
UPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6225576

ORDER NO.
5716

047700 25716 7

UPC



5716 C6225576

