

C6349045

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Number:	RE00112531	Serial: C6349045 Model M24 SW3 Center Fire Caliber: 7.62 NATO Produced: 03/19/1990	Repairman:	
Verify Repair:			Status:	Closed 5/18/2006 9:47:16 AM

Customer:

Customer:		☒ Received From	Return To:		☐ Received From
Name:	225TH PSB (SSA)		225TH PSB (SSA)		
Address 1:	ATTN CW3 FUJIHARA (808-655-0211)		ATTN CW3 FUJIHARA (808-655-0211)		
Address 2:	BLDG 1670 MELICHAMP ST	PO Box:	BLDG 1670 MELICHAMP ST	PO Box:	
City:	SCHOFIELD BARRACKS		SCHOFIELD BARRACKS		
State:	HI	Zip Code:	96857	Country:	US

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing						
Contact information Phone: NA 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>A057</td> <td>Frt and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A057	Frt and Rear Sgt Base	1	
Code	Desc	Qty								
A057	Frt and Rear Sgt Base	1								

Repair Search						Refresh	Close
	nadeh	5/23/2006	7:21 AM	CAPS	NUM	INS	SCRL

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)

DATE 5-5-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	260	245		248	
PULL #2	245	241		252	
PULL #3	251	247		240	
PULL #4	234	242		240	
PULL #5	241	246		246	
TOTAL	1231	1221		1226	
AVERAGE	246	244		245	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	308	317		
PULL #2	318	316		
PULL #3	322	320		
PULL #4	316	301		
PULL #5	318	312		
TOTAL	1582	1566		
AVERAGE	316	313		

	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	408	406		407
PULL #2	408	399		406
PULL #3	408	417		395
PULL #4	396	400		408
PULL #5	409	415		403
TOTAL	2029	2037		2019
AVERAGE	405	407		403

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349045.__0

FILE DATE AND TIME: 11/13/2006 23:17

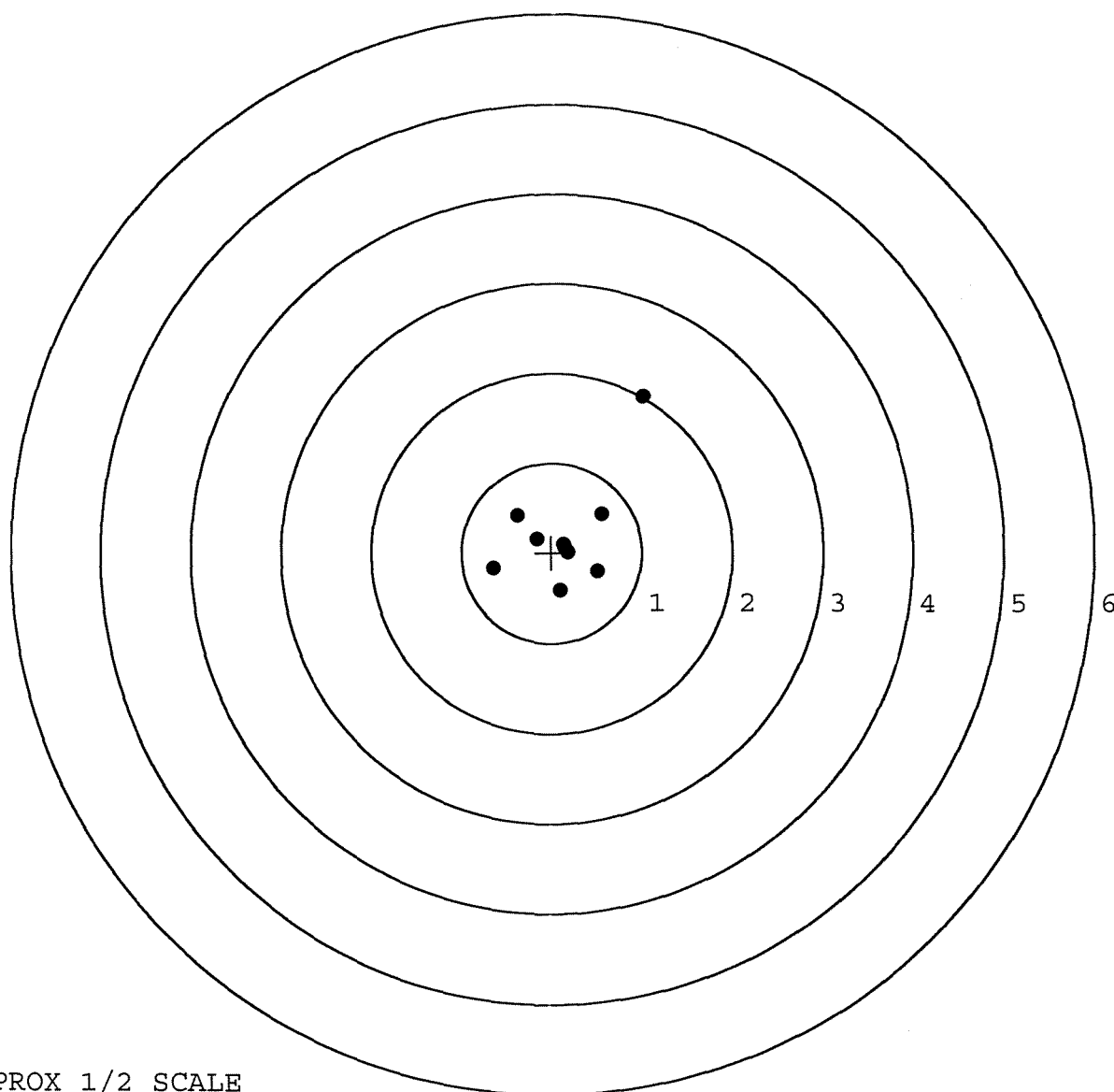
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	0.076
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	0.646
The Distance from POA to Centroid Target #1:	0.252
The Distance from Centroid Target #2 to Centroid Target #1:	0.265
The Distance from Centroid Target #3 to Centroid Target #1:	0.312
The Distance from Centroid Target #4 to Centroid Target #1:	0.217
The Distance from Centroid Target #5 to Centroid Target #1:	0.406

SERIAL NUMBER: C6349045. __0
 TARGET NUMBER: 1
 FILE DATE: 11/13/2006
 FILE TIME: 23:17

X CENTROID: 0.144
 Y CENTROID: 0.207
 POA TO CENTROID: 0.252
 HORZ SPREAD: 1.653
 VERT SPREAD: 2.169
 GROUP SPREAD: 2.534
 MIN RADIUS: 0.114
 MAX RADIUS: 1.761
 MEAN RADIUS: 0.565
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.003	1.744
2:	-0.381	0.413
3:	-0.163	0.148
4:	0.137	0.093
5:	0.554	0.430
6:	0.510	-0.208
7:	0.106	-0.425
8:	-0.650	-0.177
9:	0.182	0.001
10:	0.147	0.049

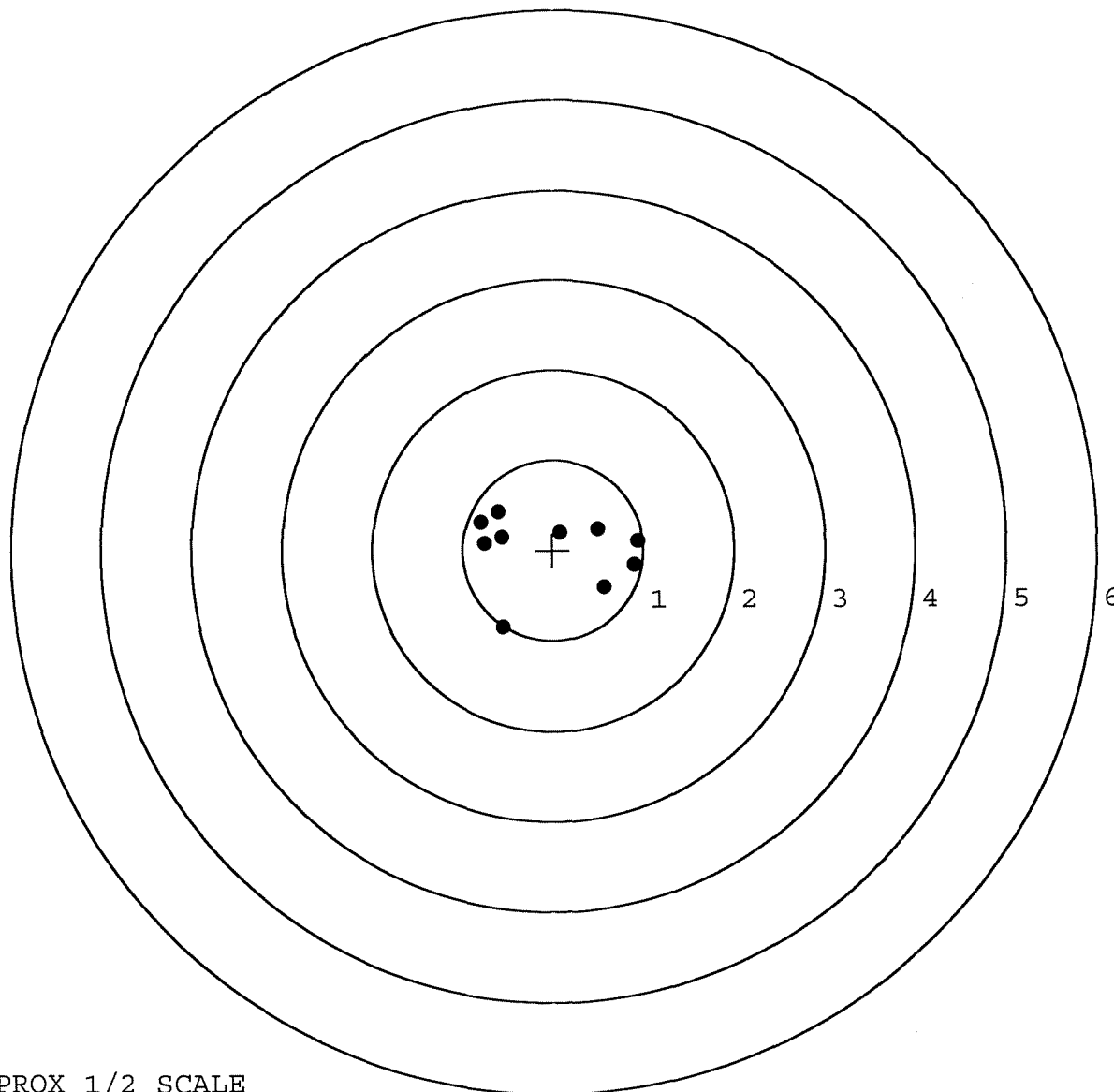


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349045. __0
 TARGET NUMBER: 2
 FILE DATE: 11/13/2006
 FILE TIME: 23:17

X CENTROID: -0.031
 Y CENTROID: 0.008
 POA TO CENTROID: 0.032
 HORZ SPREAD: 1.750
 VERT SPREAD: 1.287
 GROUP SPREAD: 1.782
 MIN RADIUS: 0.219
 MAX RADIUS: 1.012
 MEAN RADIUS: 0.731
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.610	0.431
2:	-0.566	0.147
3:	-0.760	0.084
4:	-0.806	0.319
5:	0.080	0.197
6:	0.495	0.238
7:	0.944	0.103
8:	0.900	-0.169
9:	0.573	-0.414
10:	-0.558	-0.856

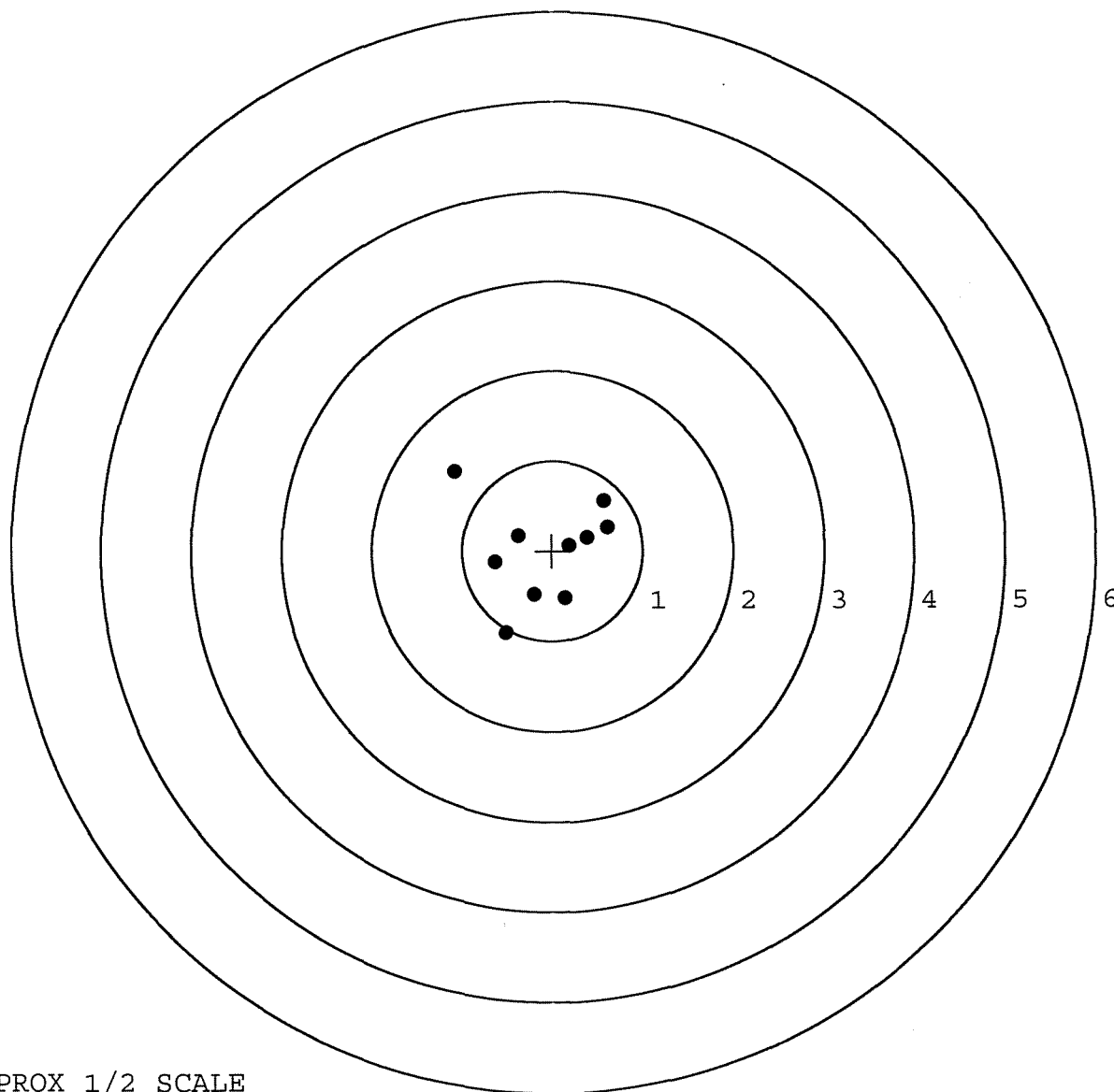


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349045. __0
 TARGET NUMBER: 3
 FILE DATE: 11/13/2006
 FILE TIME: 23:17

X CENTROID: -0.092
 Y CENTROID: 0.003
 POA TO CENTROID: 0.092
 HORZ SPREAD: 1.696
 VERT SPREAD: 1.791
 GROUP SPREAD: 1.879
 MIN RADIUS: 0.285
 MAX RADIUS: 1.328
 MEAN RADIUS: 0.671
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.086	0.884
2:	-0.374	0.170
3:	-0.639	-0.125
4:	-0.204	-0.491
5:	0.140	-0.532
6:	-0.517	-0.907
7:	0.188	0.057
8:	0.389	0.153
9:	0.610	0.266
10:	0.570	0.558

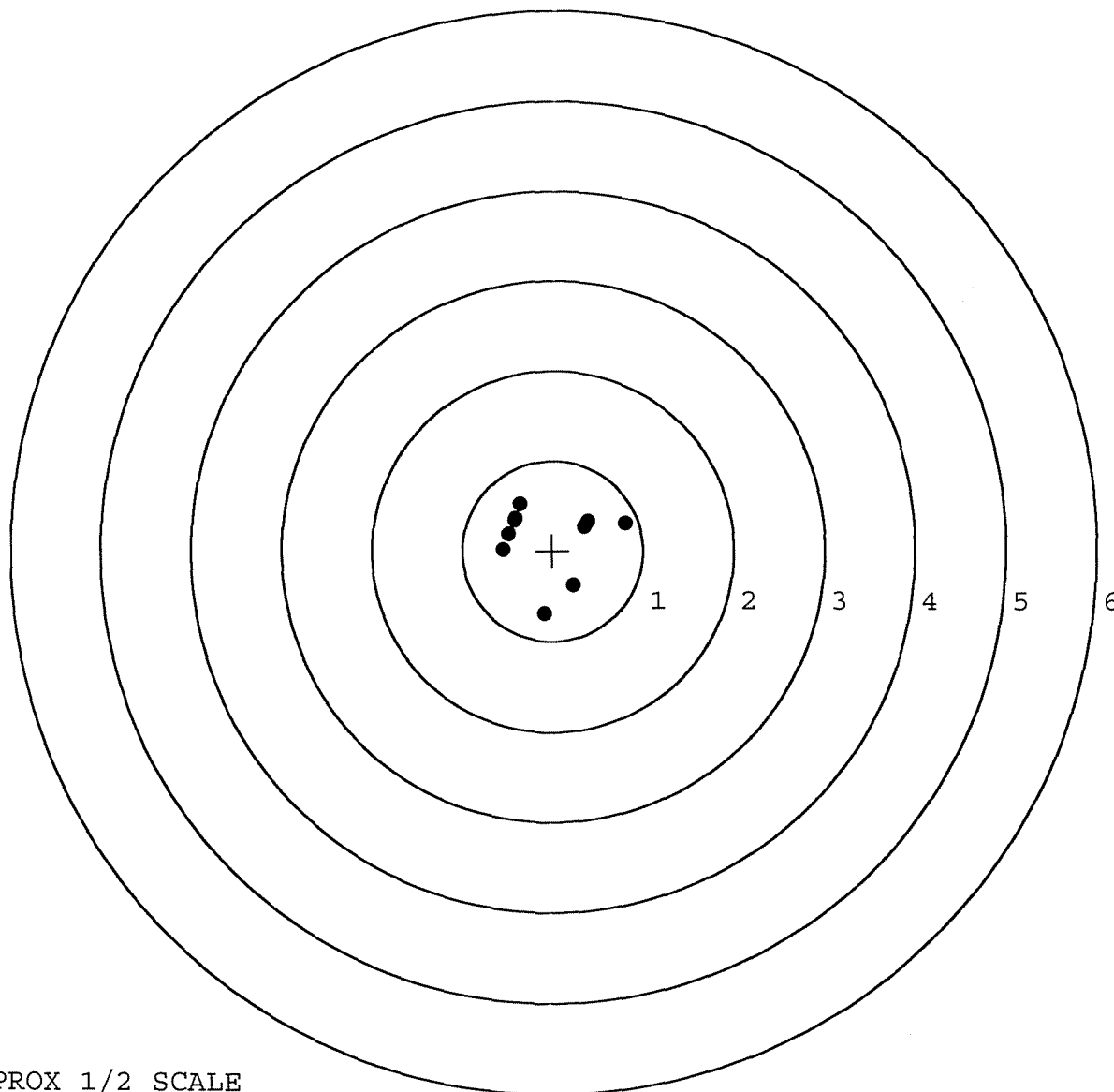


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349045. __0
 TARGET NUMBER: 4
 FILE DATE: 11/13/2006
 FILE TIME: 23:17

X CENTROID: -0.056
 Y CENTROID: 0.123
 POA TO CENTROID: 0.135
 HORZ SPREAD: 1.356
 VERT SPREAD: 1.221
 GROUP SPREAD: 1.390
 MIN RADIUS: 0.425
 MAX RADIUS: 0.881
 MEAN RADIUS: 0.553
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.365	0.519
2:	-0.425	0.334
3:	-0.552	0.008
4:	0.349	0.269
5:	0.804	0.313
6:	0.237	-0.388
7:	-0.087	-0.702
8:	-0.490	0.185
9:	-0.419	0.357
10:	0.390	0.332

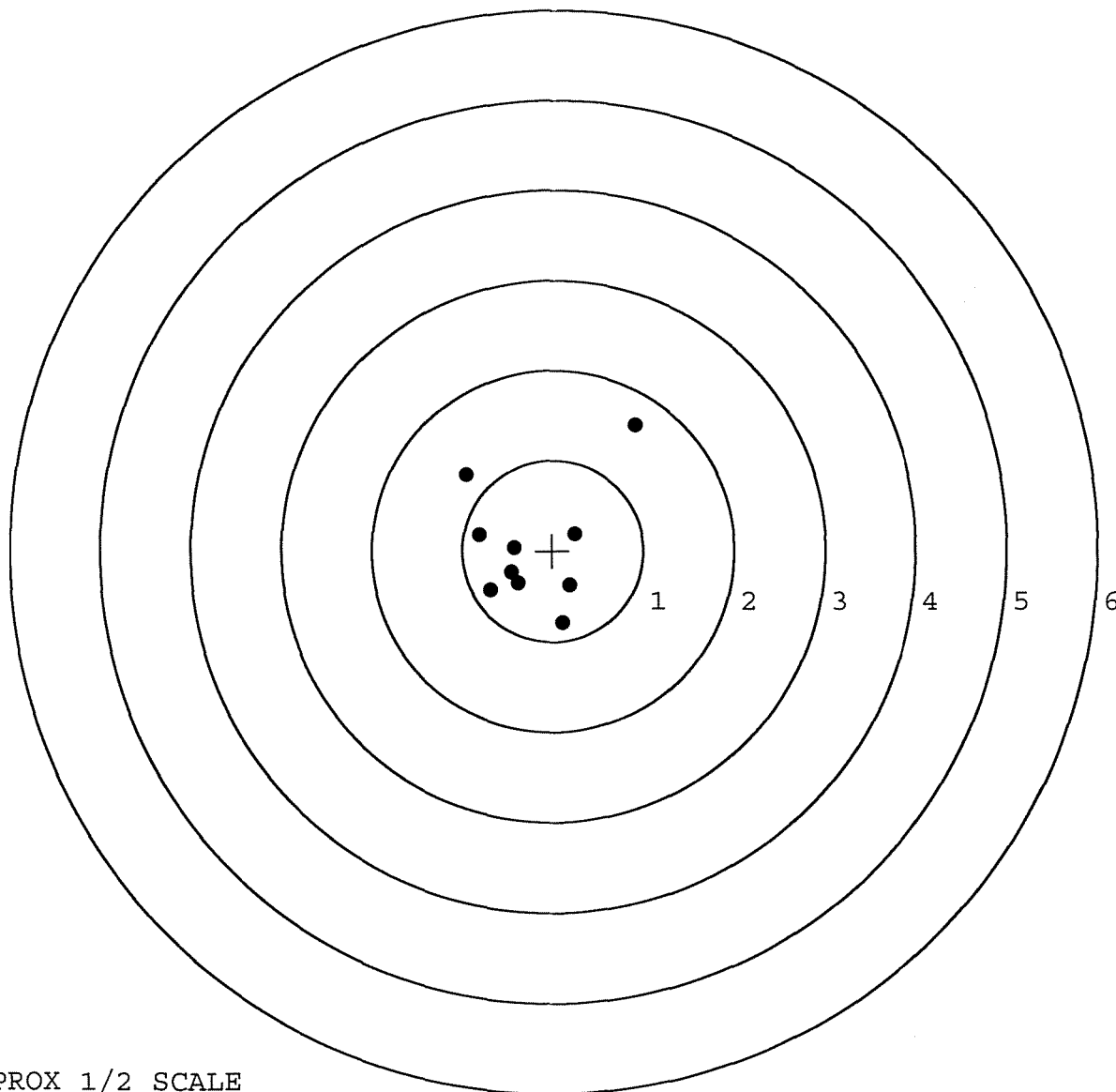


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349045. __0
 TARGET NUMBER: 5
 FILE DATE: 11/13/2006
 FILE TIME: 23:17

X CENTROID: -0.225
 Y CENTROID: 0.038
 POA TO CENTROID: 0.228
 HORZ SPREAD: 1.864
 VERT SPREAD: 2.188
 GROUP SPREAD: 2.425
 MIN RADIUS: 0.200
 MAX RADIUS: 1.765
 MEAN RADIUS: 0.710
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.954	0.835
2:	-0.810	0.168
3:	-0.425	0.033
4:	-0.382	-0.365
5:	-0.687	-0.435
6:	0.118	-0.798
7:	0.189	-0.384
8:	0.248	0.185
9:	0.910	1.390
10:	-0.457	-0.246



TARGET APPROX 1/2 SCALE

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349045.___0
FILE DATE AND TIME: 06/07/2006 17:54

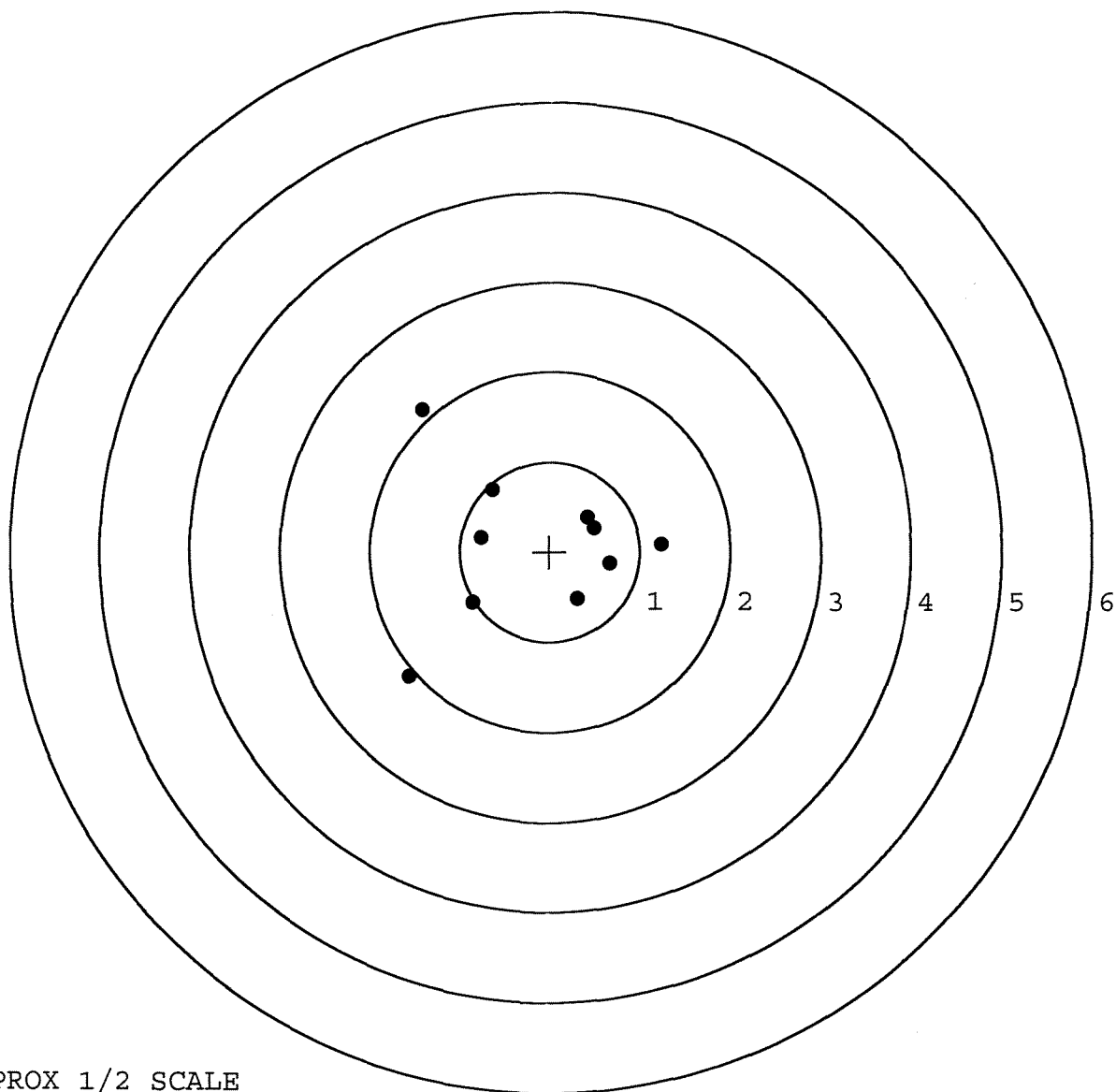
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.020
The Average Y Centroid of the Five Target Set:	0.093
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.928
The Distance from POA to Centroid Target #1:	0.219
The Distance from Centroid Target #2 to Centroid Target #1:	0.322
The Distance from Centroid Target #3 to Centroid Target #1:	0.351
The Distance from Centroid Target #4 to Centroid Target #1:	0.408
The Distance from Centroid Target #5 to Centroid Target #1:	0.275

SERIAL NUMBER: C6349045. 0
 TARGET NUMBER: 1
 FILE DATE: 06/07/2006
 FILE TIME: 17:54

X CENTROID: -0.212
 Y CENTROID: 0.052
 POA TO CENTROID: 0.219
 HORZ SPREAD: 2.791
 VERT SPREAD: 2.965
 GROUP SPREAD: 3.156
 MIN RADIUS: 0.558
 MAX RADIUS: 1.973
 MEAN RADIUS: 1.071
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.645	0.691
2:	-0.761	0.155
3:	-1.423	1.573
4:	0.414	0.384
5:	0.490	0.261
6:	0.667	-0.132
7:	1.234	0.081
8:	0.311	-0.532
9:	-0.854	-0.572
10:	-1.557	-1.392

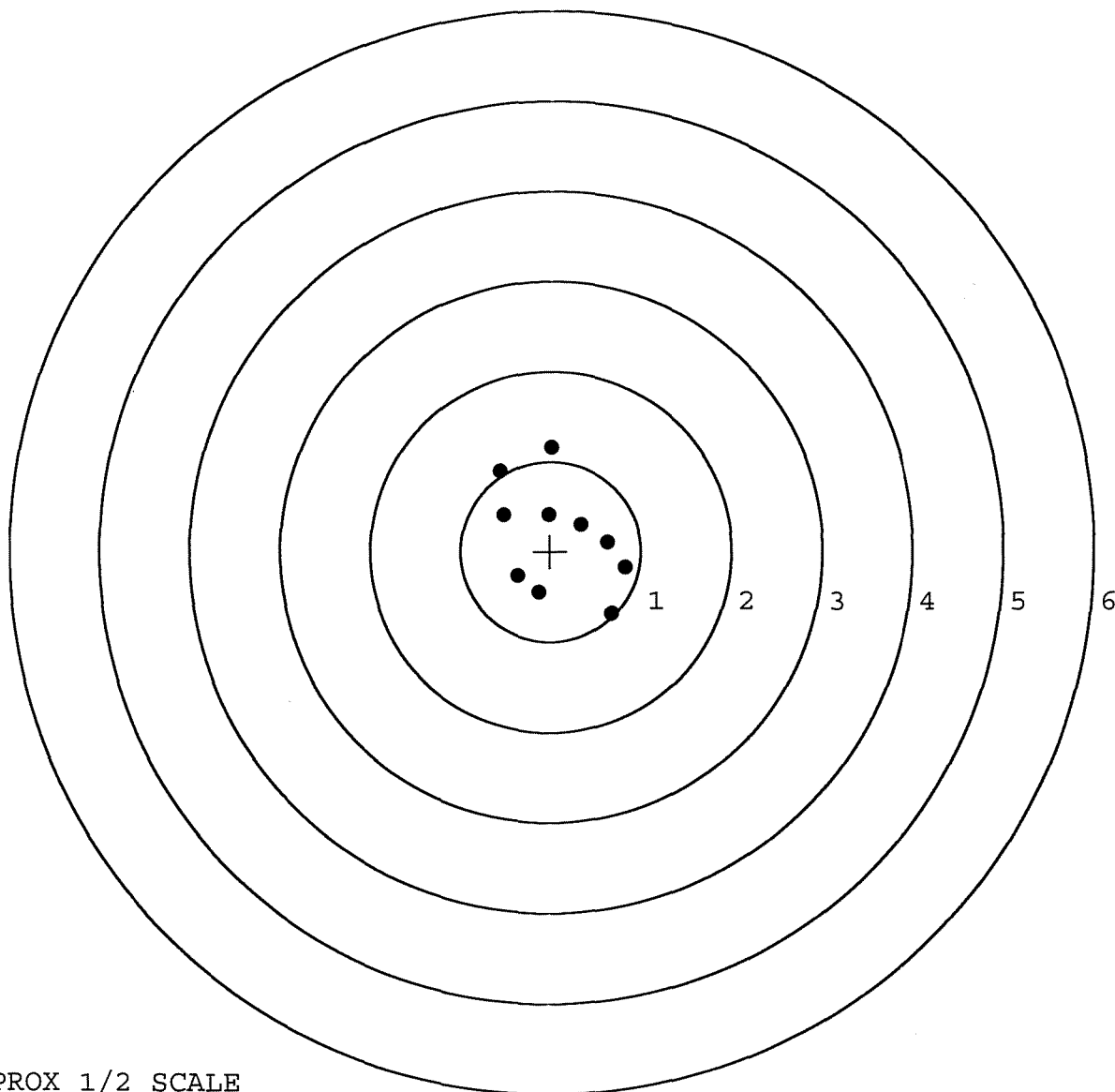


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349045. __0
 TARGET NUMBER: 2
 FILE DATE: 06/07/2006
 FILE TIME: 17:54

X CENTROID: 0.090
 Y CENTROID: 0.164
 POA TO CENTROID: 0.187
 HORZ SPREAD: 1.389
 VERT SPREAD: 1.854
 GROUP SPREAD: 2.018
 MIN RADIUS: 0.270
 MAX RADIUS: 1.045
 MEAN RADIUS: 0.690
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.009	1.159
2:	-0.560	0.893
3:	-0.524	0.404
4:	-0.023	0.409
5:	0.339	0.296
6:	0.634	0.105
7:	0.829	-0.182
8:	0.686	-0.695
9:	-0.128	-0.466
10:	-0.362	-0.286

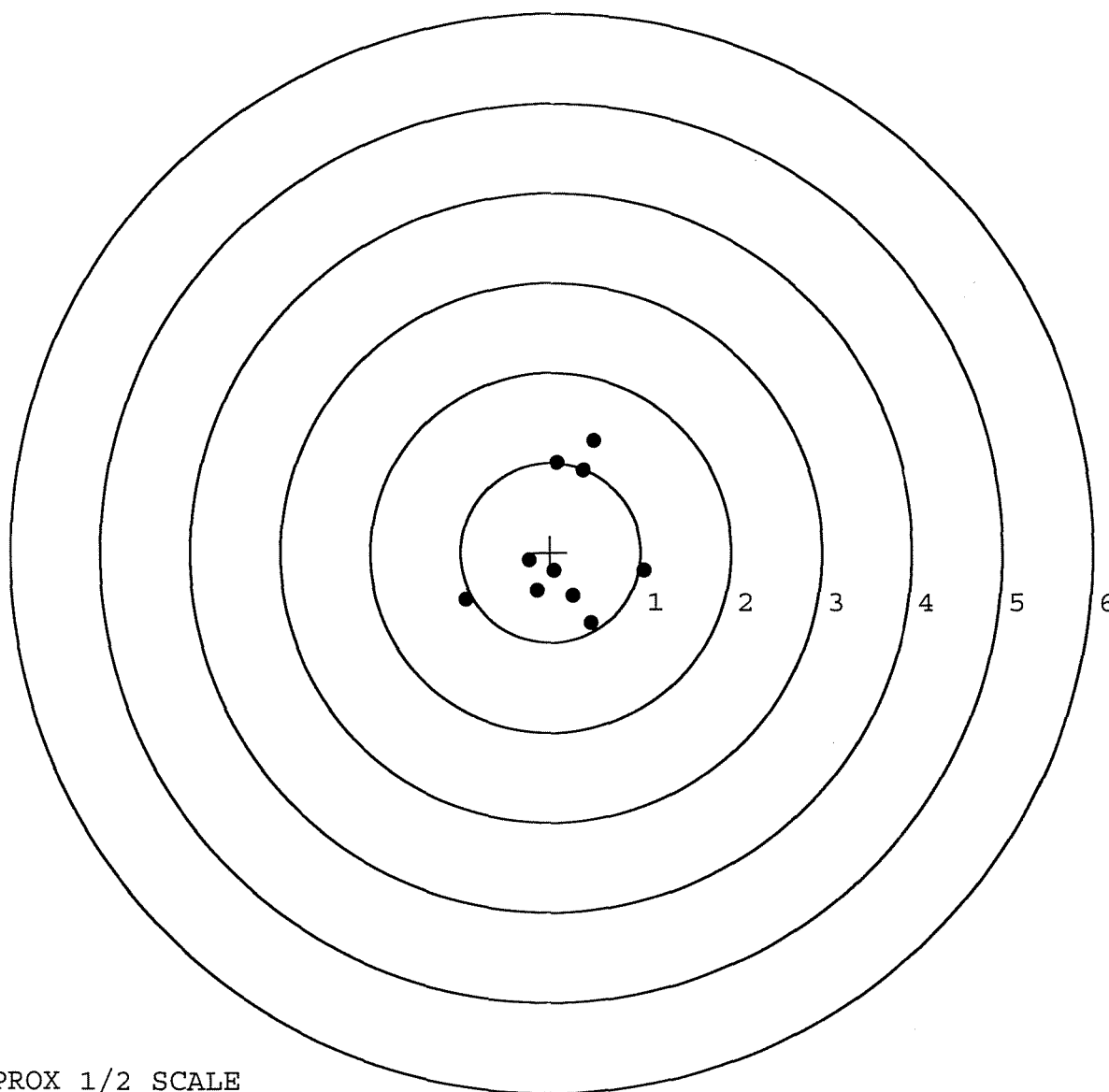


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349045. 0
 TARGET NUMBER: 3
 FILE DATE: 06/07/2006
 FILE TIME: 17:54

X CENTROID: 0.139
 Y CENTROID: 0.044
 POA TO CENTROID: 0.145
 HORZ SPREAD: 1.971
 VERT SPREAD: 2.036
 GROUP SPREAD: 2.266
 MIN RADIUS: 0.268
 MAX RADIUS: 1.247
 MEAN RADIUS: 0.791
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.069	1.005
2:	0.366	0.919
3:	0.474	1.245
4:	1.034	-0.200
5:	0.457	-0.791
6:	0.254	-0.482
7:	0.046	-0.208
8:	-0.141	-0.433
9:	-0.235	-0.091
10:	-0.937	-0.528

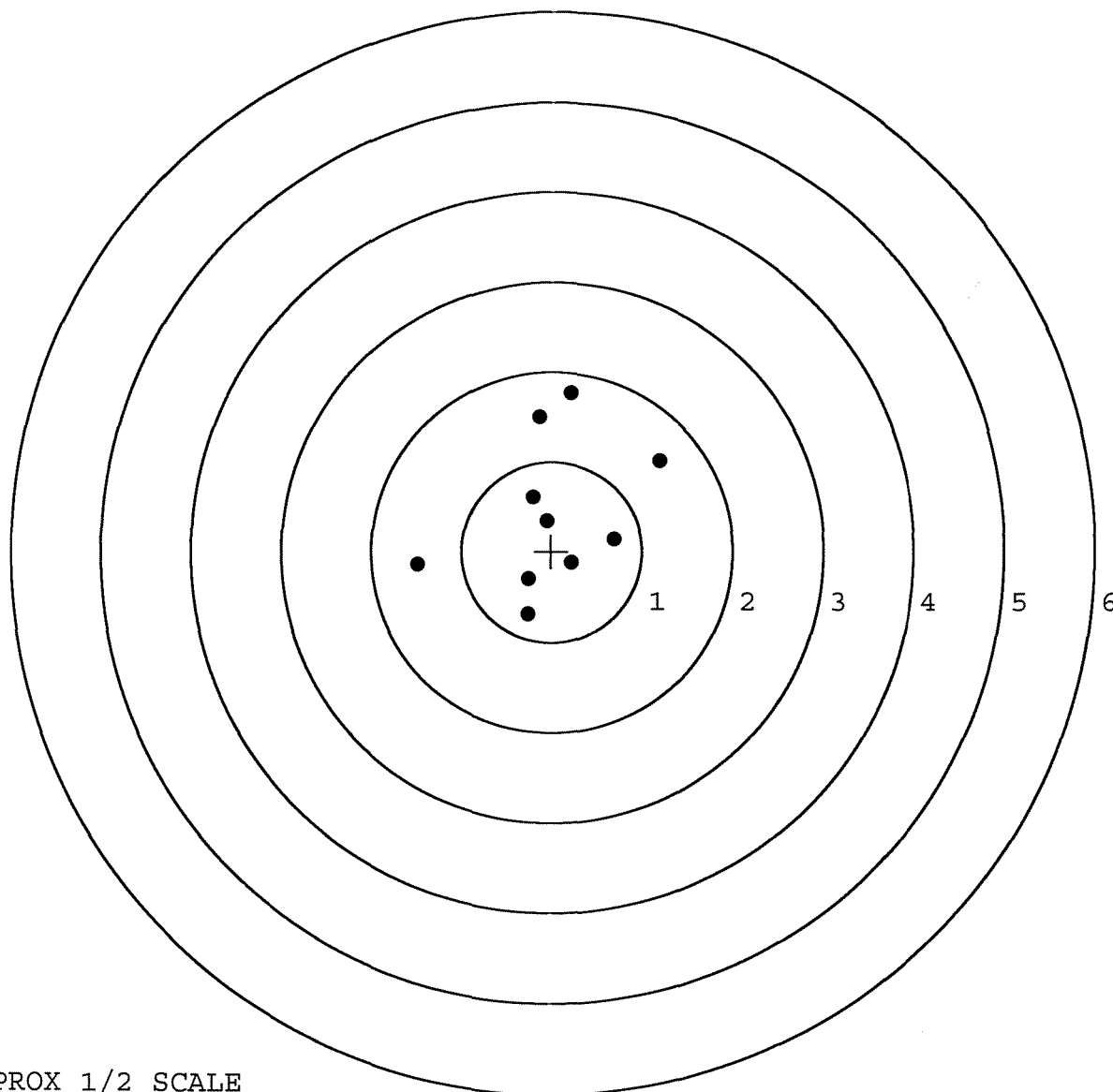


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349045. __0
 TARGET NUMBER: 4
 FILE DATE: 06/07/2006
 FILE TIME: 17:54

X CENTROID: -0.010
 Y CENTROID: 0.406
 POA TO CENTROID: 0.406
 HORZ SPREAD: 2.677
 VERT SPREAD: 2.461
 GROUP SPREAD: 2.918
 MIN RADIUS: 0.084
 MAX RADIUS: 1.575
 MEAN RADIUS: 0.899
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.209	1.762
2:	-0.146	1.499
3:	-0.208	0.601
4:	-0.057	0.337
5:	1.193	1.012
6:	0.694	0.137
7:	0.220	-0.130
8:	-0.254	-0.312
9:	-0.263	-0.699
10:	-1.484	-0.149

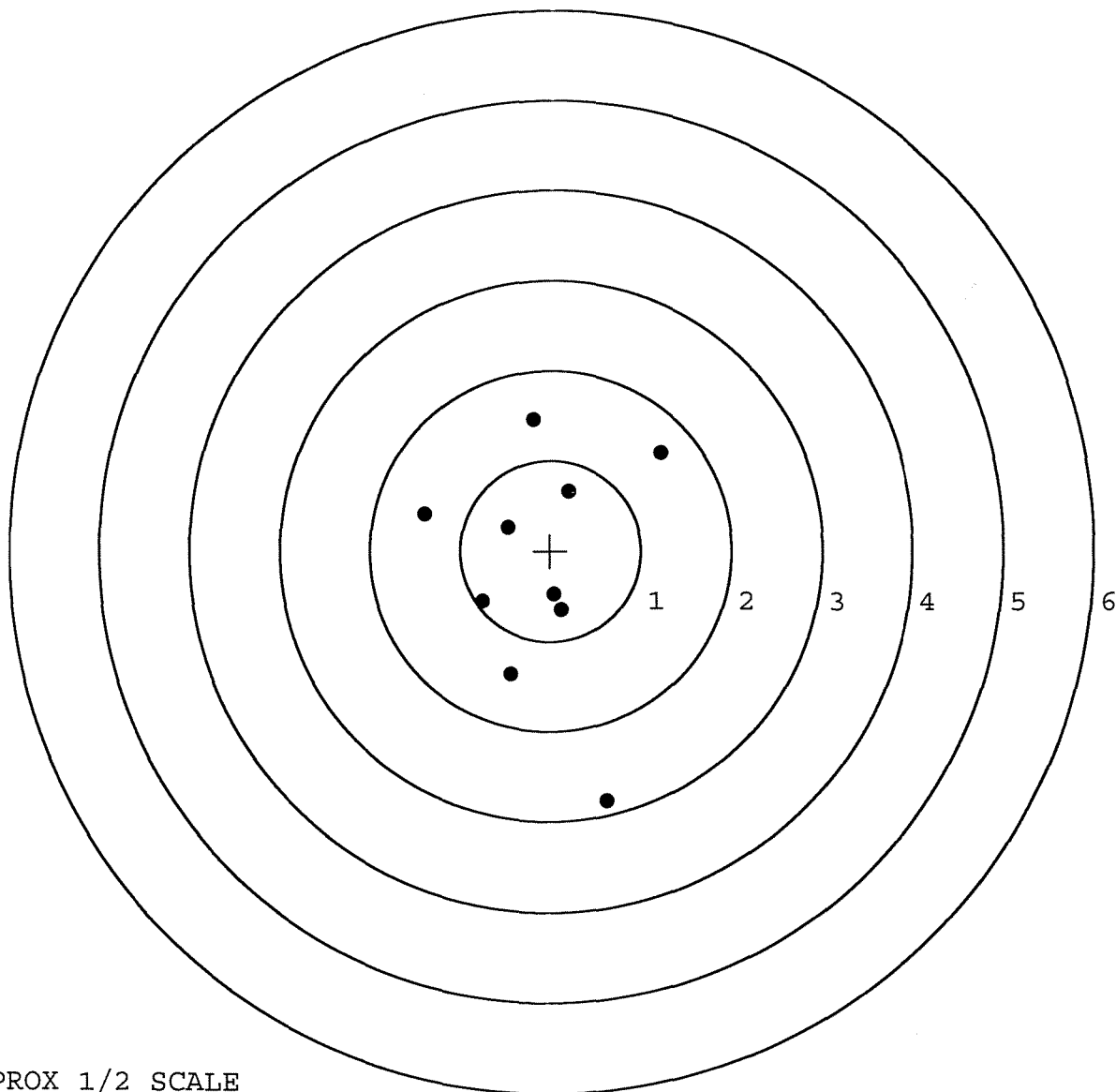


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349045. __0
 TARGET NUMBER: 5
 FILE DATE: 06/07/2006
 FILE TIME: 17:54

X CENTROID: -0.104
 Y CENTROID: -0.202
 POA TO CENTROID: 0.227
 HORZ SPREAD: 2.607
 VERT SPREAD: 4.227
 GROUP SPREAD: 4.310
 MIN RADIUS: 0.320
 MAX RADIUS: 2.684
 MEAN RADIUS: 1.190
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.129	-0.659
2:	-0.438	-1.371
3:	-1.397	0.402
4:	-0.200	1.447
5:	0.204	0.659
6:	0.044	-0.485
7:	0.640	-2.780
8:	-0.757	-0.564
9:	-0.478	0.255
10:	1.210	1.081



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	112531			
SERIAL NUMBER	06349045			
LOG-IN DATE	5-18-06			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	5-23-06	RTZ	
505	RE-BARREL	5-26-06	RTZ	
560	ASSEMBLE	5-30-06	RTZ	
600	PROOF	MAGNA-FLUX INSPECTED 5-30-06	TRW	
605	CHECK HEADSPACE	JUN 02 2006	TRW	
610	DIS-ASSEMBLE GUN	6-1-06	RTZ	
612	MAGNAFLUX	OPERATOR <u>APD</u>	6-2-06 APD	
510	DRILL AND TAP	MAGNA-FLUX INSPECTED 6-1-06	TRW	
615	ROLLMARK CALIBER	9-20-06 CW	6-2-06 CW	
618	ROTO-BLAST	SEP 20 2006	6-2-06 LB	
620	APPLY COATINGS	OPERATOR <u>WMB</u> 9/22/06 RB	6-5-06 RB	
625	FINAL ASSEMBLY	6-7-06	RTZ	
640	FUNCTION TEST AND	PASS 11-13-06 TRW	6-7-06 R.P.D.	
650	TARGET	PASS 11-13-06 TRW	6-7-06 R.P.D.	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION	11-13-06 TRW	6-22-06 N/A	
	A) HEADSPACE	PASS 11-13-06 TRW	6-22-06 N/A	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.45 2.42 2.50 2.37 2.43 6-22-06 N/A	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7 lbs 7 lbs 7 lbs 6-22-06 N/A	
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs 6-22-06 N/A	
	I) FIRING PIN INDENT	.020	.022 .023 .022 6-22-06 N/A	
690	PACK		11-15-06 DR	

Remington[®]

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

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

MODEL 700TM H24

SERIAL NO. C6349045

ORDER NO. 5716

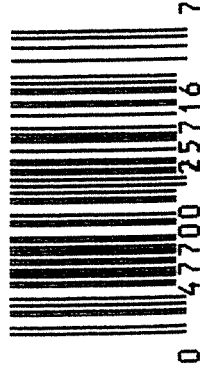
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6349045

LPC



0 47700 25716 7

GUN SERIAL #

C6349045

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12-20 89	RW
600	Proof		12-20 89	A
607	Check Headspace		12-20 89	A
610	Dis-assemble Gun		12-20 89	RW
612	Magnaflux Barrel Action		1-5-90	KCR
	Magnaflux Bolt		1-5-90	
615	Rollmark Caliber		1/3/90	JS
17	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-15-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/17/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/17/90	RW
	C) Inspect Ejector Hole for Chamfer		1/17/90	RW
	D) Oil Firing Pin Ass'y		1/17/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/2/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-22-90	JS
	G) Safety Off Force	3	3	3			1-22-90	JS
	H) Trigger Pull Test & Retainability						22/1/90	JS
	I) Firing Pin Indent	.0215	.021	.0215			1-22-90	JS
	J) Assemble Stock						1/24/90	RW
	K) Assemble Swivel Studs						1/24/90	WB
	L) Attach Front and Rear Sight Assemblies						1/26/90	RW
	M) Iron Sight Alignment						1/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container						1/26/90	RW
	O) Attach Scope to Rifle						1/31/90	WB
	P) Detach & Attach Scope 20 Times						3/6/90	WB
640	Gallery Target & Test						3-7-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						3-7-90	A
655	Final Inspection						3/12/90	WB
	A) Headspace							
	B) Trigger Pull	2.32	2.25	2.25	2.21	2.26	3/12/90	JS
	C) Function						3/12/90	WB
660	Pack						20 March 90	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349045DATE 22 Jan 90TESTER JPS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.64	2.24	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.04	2.13	2.17	2.25	
PULL #3	2.42	2.26	2.23	2.25	
PULL #4	2.46	2.21	2.16	2.21	
PULL #5	2.48	2.24	2.19	2.26	
TOTAL	11.70	11.48	10.99		
AVG.	2.34	2.296	2.198		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	2.94		
PULL #2	2.87	2.85		
PULL #3	2.91	2.87		
PULL #4	2.88	2.80		
PULL #5	2.97	2.99		
TOTAL	14.66	14.41		
AVG.	2.932	2.882		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	3.99	4.03		3.83
PULL #2	3.97	4.02		3.93
PULL #3	4.03	3.98		4.02
PULL #4	4.02	3.99		4.10
PULL #5	3.99	3.92		4.04
TOTAL	20.00	19.94		19.92
AVG.	4.00	3.988		3.984

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349045
8 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.256844
1 TO	2	.231225
1 TO	3	.240227
1 TO	4	.800478
1 TO	5	.142302

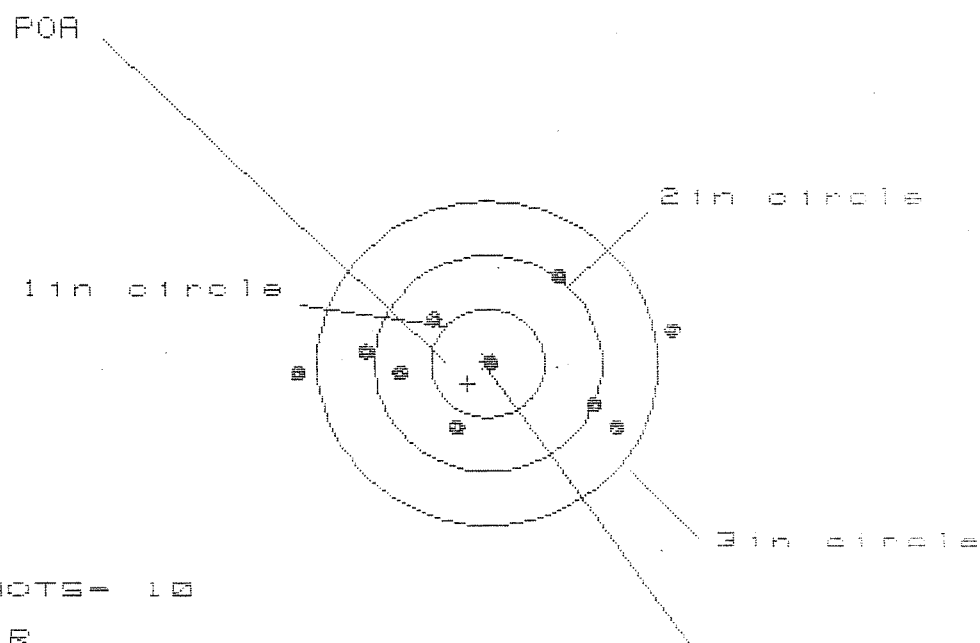
4 $\bar{x}$ <----POI

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0834
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.001
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .083406
THE AMR FOR THIS RIFLE IS: .9552

7 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349845

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.321

VS= 1.383

GS= 3.345

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.673	1.263	1.086
MINIMUM X	-1.648	-1.462	-1.106
MAXIMUM Y	.794	.831	.829
MINIMUM Y	-.589	-.552	-.554
CENTROID X	.175	-.011	.172
CENTROID Y	.188	.151	.153
POA TO CENTROID in.	.257	.151	.236
MIN RADIUS	.032	.172	.012
MEAN RADIUS	.974	.878	.795
MAX RADIUS	1.707	1.462	1.214
HORIZONTAL SPREAD	3.321	2.725	2.186
VERTICAL SPREAD	1.383	1.383	1.383
EXTREME SPREAD	3.345	2.776	2.298
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =			8

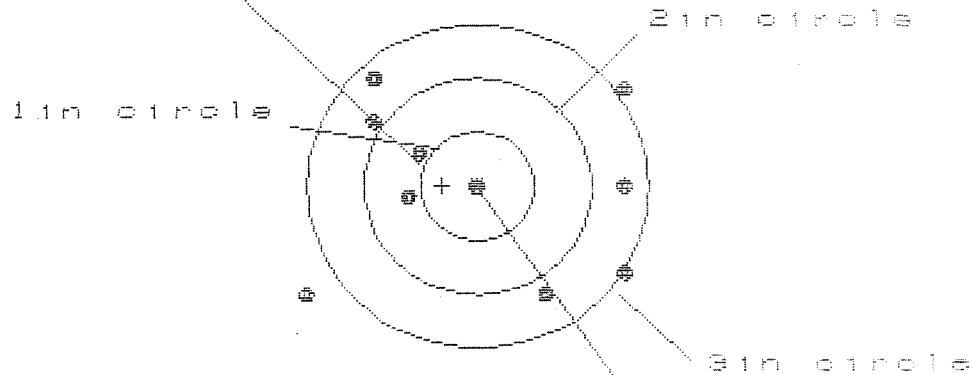
7 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/083498045

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 7

HS= 2.831

VS= 1.996

GS= 3.356

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.306	1.136	1.278
MINIMUM X	:	-1.525	-1.084	-.942
MAXIMUM Y	:	1.041	.935	1.029
MINIMUM Y	:	-.955	-1.061	-.967
CENTROID X	:	.311	.481	.339
CENTROID Y	:	.001	.107	.013
POA TO CENTROID in.	:	.311	.492	.339
MIN RADIUS	:	.051	.250	.081
MEAN RADIUS	:	1.101	1.047	.963
MAX RADIUS	:	1.798	1.468	1.527
HORIZONTAL SPREAD	:	2.831	2.220	2.220
VERTICAL SPREAD	:	1.996	1.996	1.996
EXTREME SPREAD	:	3.356	2.899	2.899
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

7 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349045

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.602

VS= 1.831

GS= 2.980

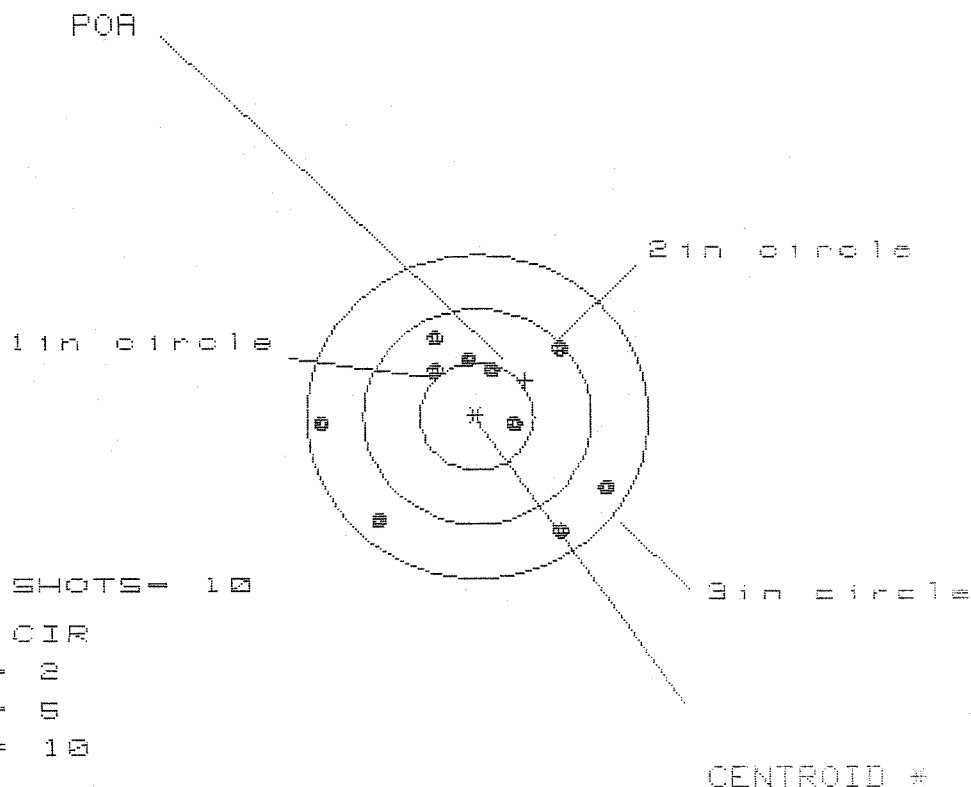
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.235
MINIMUM X	-1.367
MAXIMUM Y	.942
MINIMUM Y	-.889
CENTROID X	.322
CENTROID Y	-.002
POA TO CENTROID in.	.322
MIN RADIUS	.265
MEAN RADIUS	.885
MAX RADIUS	1.503
HORIZONTAL SPREAD	2.602
VERTICAL SPREAD	1.831
EXTREME SPREAD	2.980
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

7 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349045

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.487

VS= 1.815

GS= 2.544

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.130	.979	.711
MINIMUM X	:	-1.357	-1.018	-.896
MAXIMUM Y	:	.757	.745	.663
MINIMUM Y	:	-1.058	-1.070	-1.152
CENTROID X	:	-.431	-.280	-.402
CENTROID Y	:	-.335	-.323	-.241
POA TO CENTROID in.:	:	.546	.427	.469
MIN RADIUS	:	.372	.226	.343
MEAN RADIUS	:	.903	.831	.766
MAX RADIUS	:	1.362	1.400	1.375
HORIZONTAL SPREAD	:	2.487	1.997	1.607
VERTICAL SPREAD	:	1.815	1.815	1.815
EXTREME SPREAD	:	2.544	2.222	2.222
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349045

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.286

VS= 2.475

GS= 2.565

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.895
MINIMUM X	-1.391
MAXIMUM Y	1.235
MINIMUM Y	-1.240
CENTROID X	.040
CENTROID Y	.143
POA TO CENTROID in.	.149
MIN RADIUS	.429
MEAN RADIUS	.913
MAX RADIUS	1.501
HORIZONTAL SPREAD	2.286
VERTICAL SPREAD	2.475
EXTREME SPREAD	2.565
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9

GFM

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6349045

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		5/4/93	RW
600	Proof		5/4/93	RW
607	Check Headspace		5/4/93	RW
610	Dis-assemble Gun		5/4/93	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	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		5/14/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/14/93	RW
	C) Inspect Ejector Hole for Chamfer		5/14/93	RW
	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			
630	Gallery Target & Test			
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		5/17/93	EW
655	Final Inspection			
	A) Headspace		5/18/93	EW
	B) Trigger Pull			
	C) Function		5/17/93	EW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349845
21 May 1993

CENTROIDAL DISTANCES

0 TO	1	.0495782
1 TO	2	.510272
1 TO	3	.756469
1 TO	4	.477151
1 TO	5	.626867

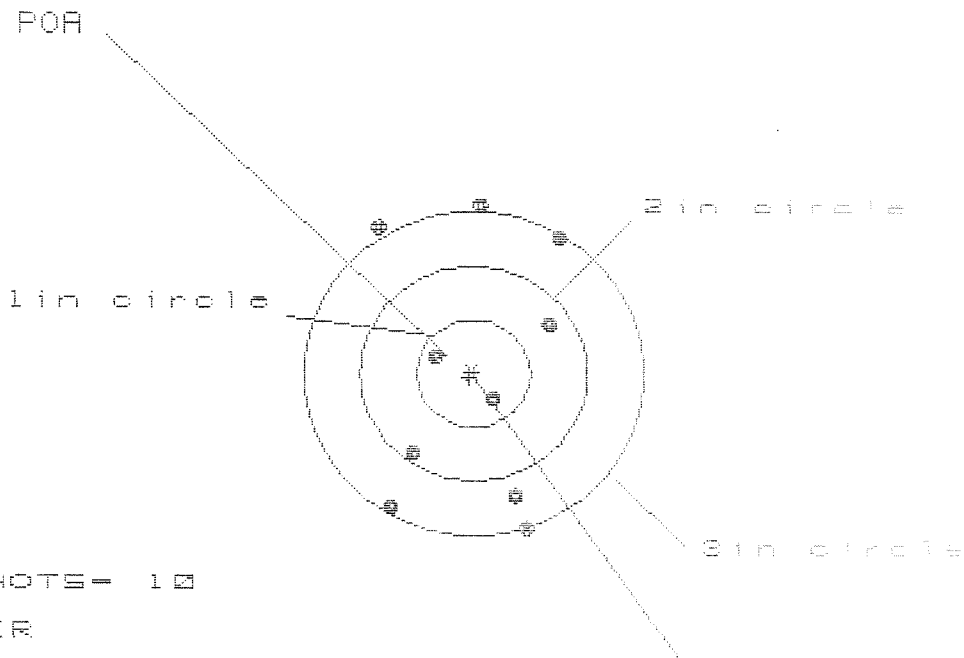
32
+ (----POB
5

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0718
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .009
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0723619
THE AMR FOR THIS RIFLE IS: 1.003

21 May 1993

FILE:/PATTERNING/CENTERFIRE_PATT/08349045

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 1.570

VS= 3.024

GS= 3.088

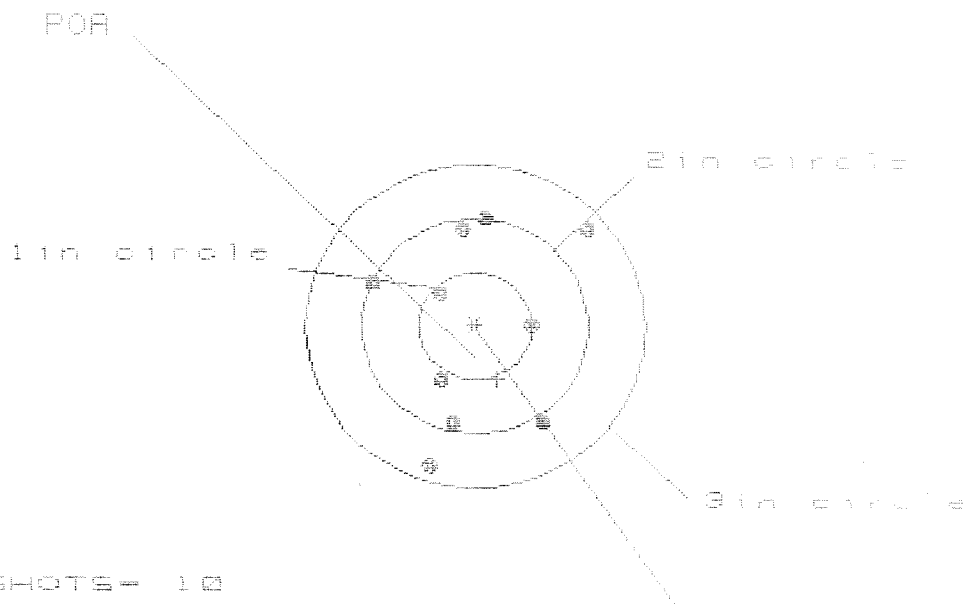
CENTROID =

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.805	.709	.708
MINIMUM X	-.865	-.836	-.837
MAXIMUM Y	1.559	1.707	1.585
MINIMUM Y	-1.465	-1.317	-1.103
CENTROID X	.033	.129	.130
CENTROID Y	.037	-.111	-.325
POA TO CENTROID in.	.049	.170	.350
MIN RADIUS	.283	.109	.114
MEAN RADIUS	1.124	1.049	.944
MAX RADIUS	1.588	1.707	1.736
HORIZONTAL SPREAD	1.670	1.545	1.545
VERTICAL SPREAD	3.024	3.024	2.688
EXTREME SPREAD	3.088	3.046	2.919
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

21 May 1993

FILE:/PATTERNING/CENTERFIRE_PATT/05349043

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 10

HS= 1.948

VS= 2.301

GS= 2.562

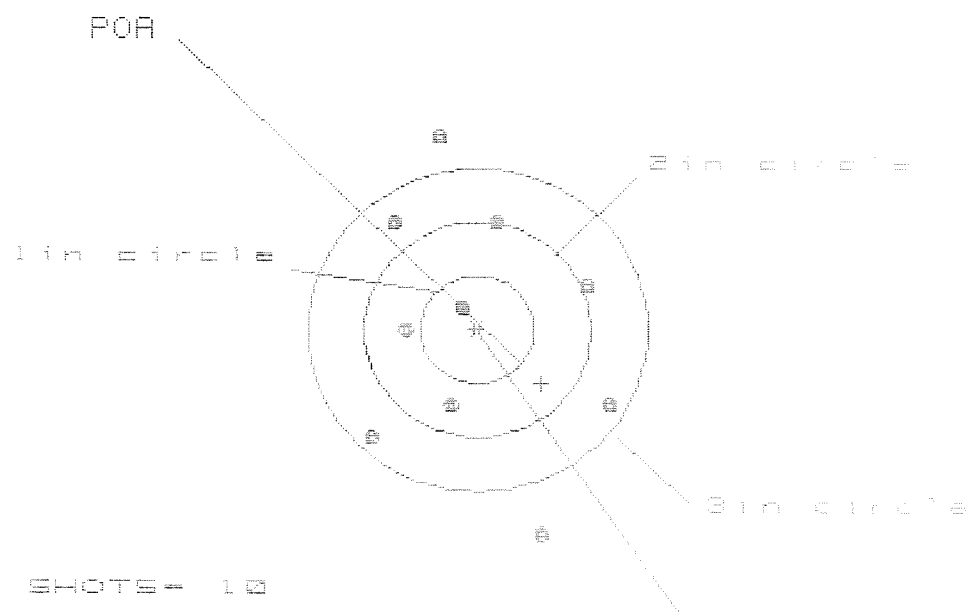
CENTROID: +

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.034	.659	.626
MINIMUM X	-.914	-.799	-.832
MAXIMUM Y	1.049	1.147	1.003
MINIMUM Y	-1.252	-1.154	-.949
CENTROID X	-.194	-.309	-.276
CENTROID Y	.494	.396	.540
POA TO CENTROID in.	.531	.502	.506
MIN RADIUS	.440	.461	.352
MEAN RADIUS	.918	.857	.806
MAX RADIUS	1.360	1.184	1.137
HORIZONTAL SPREAD	1.948	1.458	1.458
VERTICAL SPREAD	2.301	2.301	1.952
EXTREME SPREAD	2.562	2.359	1.994
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

21 May 1983

FILE: \PATTERNING\CENTERFIRE_PATT\06345045

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS = 2.073

VS = 3.615

GS = 3.715

CENTROID +

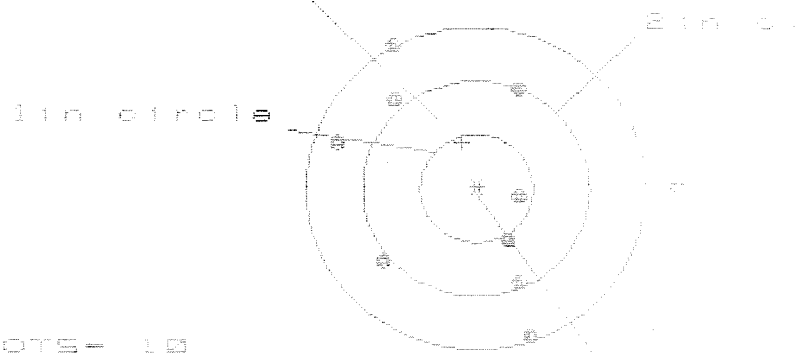
PATTERN #	1	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.146	1.209	1.181
MINIMUM X	-.927	-.864	-.892
MAXIMUM Y	1.755	1.549	.988
MINIMUM Y	-1.860	-1.232	-1.035
CENTROID X	-.566	-.629	-.601
CENTROID Y	.499	.705	.712
POA TO CENTROID in.	.754	.945	.789
MIN RADIUS	.212	.639	.186
MEAN RADIUS	1.130	1.004	.941
MAX RADIUS	1.945	1.565	1.397
HORIZONTAL SPREAD	2.073	2.073	2.073
VERTICAL SPREAD	3.615	2.781	2.027
EXTREME SPREAD	3.715	2.873	2.511
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

21 May 1993

FILE:/PATTERNING/CENTERFIRE_PAT_0106594

CENTERFIRE PATTERNING

FOR



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 3.019

VS= 2.609

GS= 3.047

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.762	.619	.547
MINIMUM X	-1.257	-1.062	-1.153
MAXIMUM Y	1.288	1.291	1.067
MINIMUM Y	-1.321	-1.318	-1.157
CENTROID X	.126	-.069	.002
CENTROID Y	-.431	-.434	-.595
FOR TO CENTROID in.	.449	.439	.560
MIN RADIUS	.426	.618	.500
MEAN RADIUS	1.094	1.022	.945
MAX RADIUS	1.762	1.457	1.286
HORIZONTAL SPREAD	3.019	1.681	1.681
VERTICAL SPREAD	2.609	2.609	2.224
CREME SPREAD	3.047	1.807	1.427
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=		

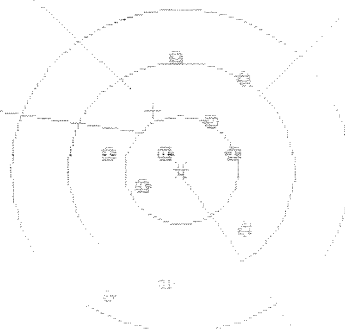
21 May 1993

FILES: PATTERNING/CENTER FIRE/ 1045045

CENTER FIRE PATTERN

POA

1 in circle =



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 1.154

VS= 2.186

GS= 2.301

CENTROID

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	.556	.489	.463
MINIMUM X	-.598	-.665	-.611
MAXIMUM Y	1.064	.939	.801
MINIMUM Y	-1.127	-1.181	-1.056
CENTROID X	.277	.305	.277
CENTROID Y	-.554	-.429	-.429
POA TO CENTROID (in)	.604	.529	.434
MIN RADIUS	.259	.240	.262
MEAN RADIUS	.751	.677	.596
MAX RADIUS	1.271	1.200	1.067
HORIZONTAL SPREAD	1.154	1.154	1.154
VERTICAL SPREAD	2.186	2.186	2.186
EXTREME SPREAD	2.301	2.301	2.301
NUMBER IN ONE INCH CIRCLE =	3	3	3
NUMBER IN TWO INCH CIRCLE =	6	6	6
NUMBER IN THREE INCH CIRCLE =	10	10	10

R 93-10812

WOG 2 OF 3 FRED MARTIN/M24 SNIFER W/10X-75A SCOPE

SHIP TO:

HI 96857

HI
96857

CUST NO:078579 C.O.D L

UPS

MAIN FAULT Barrel Replacement

[illegible]

OFFICE COPY

RD6925 REV 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

BARBER - M24 M24000106635

WARNING: Unauthorized persons removing, defacing, or destroying this tag may be subject to a fine of not more than \$1,000 or imprisonment for not more than one year or both. (18 USC 1361)	FSN, PART NO. AND ITEM DESCRIPTION 1005-01-240-2136 M24		UNSERVICEABLE (REPARABLE) TAG - MATERIEL	
			INSPECTION ACTIVITY NAIC 4/22 INF	CONDITION CODE F
			REASON FOR REPARABLE CONDITION BARREL SERVICE	
	SERIAL NO./LOT NO. C63490415/891256		UNIT OF ISSUE EA	REMOVED FROM DoI Maint Div 3017
	CONTRACT OR PURCHASE ORDER NO.		QUANTITY 1	INSPECTOR'S NAME OR STAMP AND DATE Inspected By Jue 7. Amoro 12 MAR. 93
REMARKS NETS				

DD FORM 1577-2, 1 OCT 66
 * U.S. GPO: 1965-487-343