

C6587704

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00136241

Serial: C6587704 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 11/2/2007 10:15:28 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: BARRY MOBERLY

BARRY MOBERLY

Address 1: L-3 COMMUNICATIONS

L-3 COMMUNICATIONS

Address 2: 5749 BRIAR HILL RD BLDG 221

PO Box:

5749 BRIAR HILL RD BLDG 221

PO Box:

City: LEXINGTON

LEXINGTON

State: KY

Zip Code: 40516

Country: US

State: KY

Zip Code: 40516

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

11/2/2007

1:13 PM

CAPS

NUM

INS

SCRL

start

2 Mi...

5 Int...

4 Mi...

Part S...

longo...

Arms ...

1:13 PM

Serial Number: C6587704

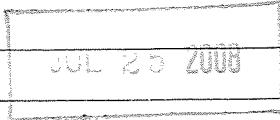
Model: M24 SWS



RE00136241

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

R & B NUMBER 136241
SERIAL NUMBER C6587704
LOG-IN DATE 11-2-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-11-08	RTZ
505	RE-BARREL		7-18-08	RTZ
560	ASSEMBLE	MAGNA - FLUX  JUL 25 2008 OPERATOR <u>BH</u>	7-15-08	BSN
600	PROOF		7-16-08	TRW
605	CHECK HEADSPACE		7-16-08	TRW
610	DIS-ASSEMBLE GUN		7-18-08	RTZ
612	MAGNAFLUX		7/25/08	BH
510	DRILL AND TAP		7-19-08	SP
615	ROLLMARK CALIBER		7/25/08	RT
618	ROTO-BLAST		7/25/08	DK
620	APPLY COATINGS		8-1	cu
625	FINAL ASSEMBLY		8-6-08	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	9-3-08	SP
650	TARGET	<u>PASS</u> FAIL	9-3-08	SP
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-3-08	TL
670	FINAL INSPECTION		9-10-08	RTZ
	A) HEADSPACE	<u>PASS</u> FAIL	9-10-08	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.48 2.54 2.54 2.62 2.60 9-8-08	BSN
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.75 5.75 5.75 9-8-08	RTZ
	G) SAFETY OFF FORCE	2 LBS	3.0 3.0 3.0 9-8-08	RTZ
	I) FIRING PIN INDENT	.020	.023 .023 .023 9-8-08	RTZ
690	PACK		9-10-08	TL

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587704.___0

FILE DATE AND TIME: 09/05/2008 13:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.077
The Average Y Centroid of the Five Target Set:	0.025
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.822
The Distance from POA to Centroid Target #1:	0.365
The Distance from Centroid Target #2 to Centroid Target #1:	0.505
The Distance from Centroid Target #3 to Centroid Target #1:	0.182
The Distance from Centroid Target #4 to Centroid Target #1:	0.263
The Distance from Centroid Target #5 to Centroid Target #1:	0.521

SERIAL NUMBER: C6587704. __0

TARGET NUMBER: 1

FILE DATE: 09/05/2008

FILE TIME: 13:43

POINT#	X	Y
1:	0.646	-1.516
2:	-0.066	-0.916
3:	-0.610	-0.770
4:	0.487	-0.245
5:	0.455	0.117
6:	0.710	0.476
7:	0.341	0.460
8:	0.912	1.103
9:	-0.207	0.749
10:	0.539	2.277

X CENTROID: 0.321

Y CENTROID: 0.173

POA TO CENTROID: 0.365

HORZ SPREAD: 1.522

VERT SPREAD: 3.793

GROUP SPREAD: 3.795

MIN RADIUS: 0.146

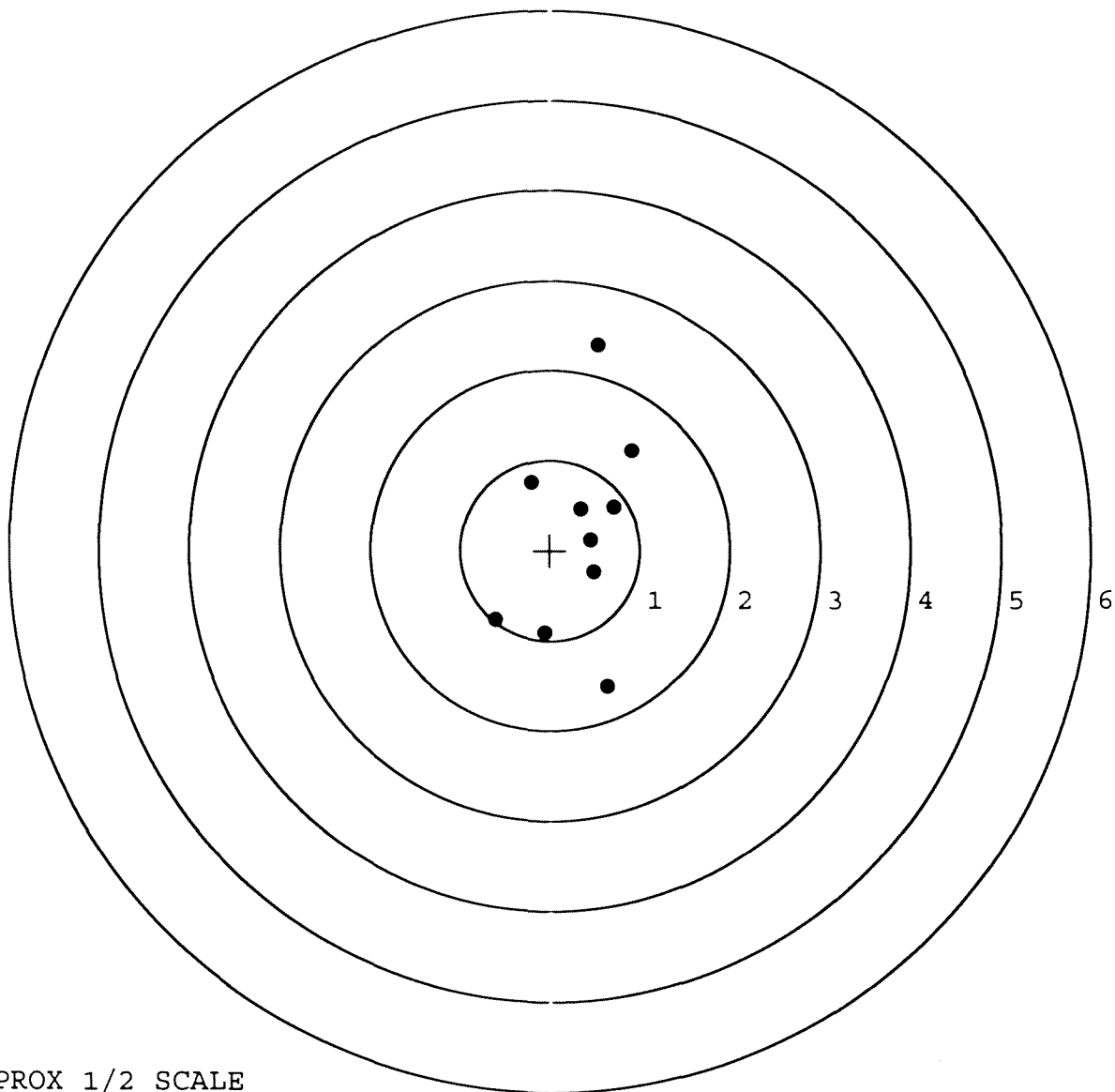
MAX RADIUS: 2.115

MEAN RADIUS: 0.958

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587704. __0

TARGET NUMBER: 2

FILE DATE: 09/05/2008

FILE TIME: 13:43

POINT#	X	Y
1:	0.123	-1.417
2:	0.149	-0.680
3:	0.814	-0.339
4:	0.434	-0.056
5:	0.277	0.057
6:	0.029	0.287
7:	-0.415	-0.023
8:	-0.872	-0.400
9:	-0.799	0.369
10:	0.213	0.075

X CENTROID: -0.005

Y CENTROID: -0.213

POA TO CENTROID: 0.213

HORZ SPREAD: 1.686

VERT SPREAD: 1.786

GROUP SPREAD: 2.010

MIN RADIUS: 0.361

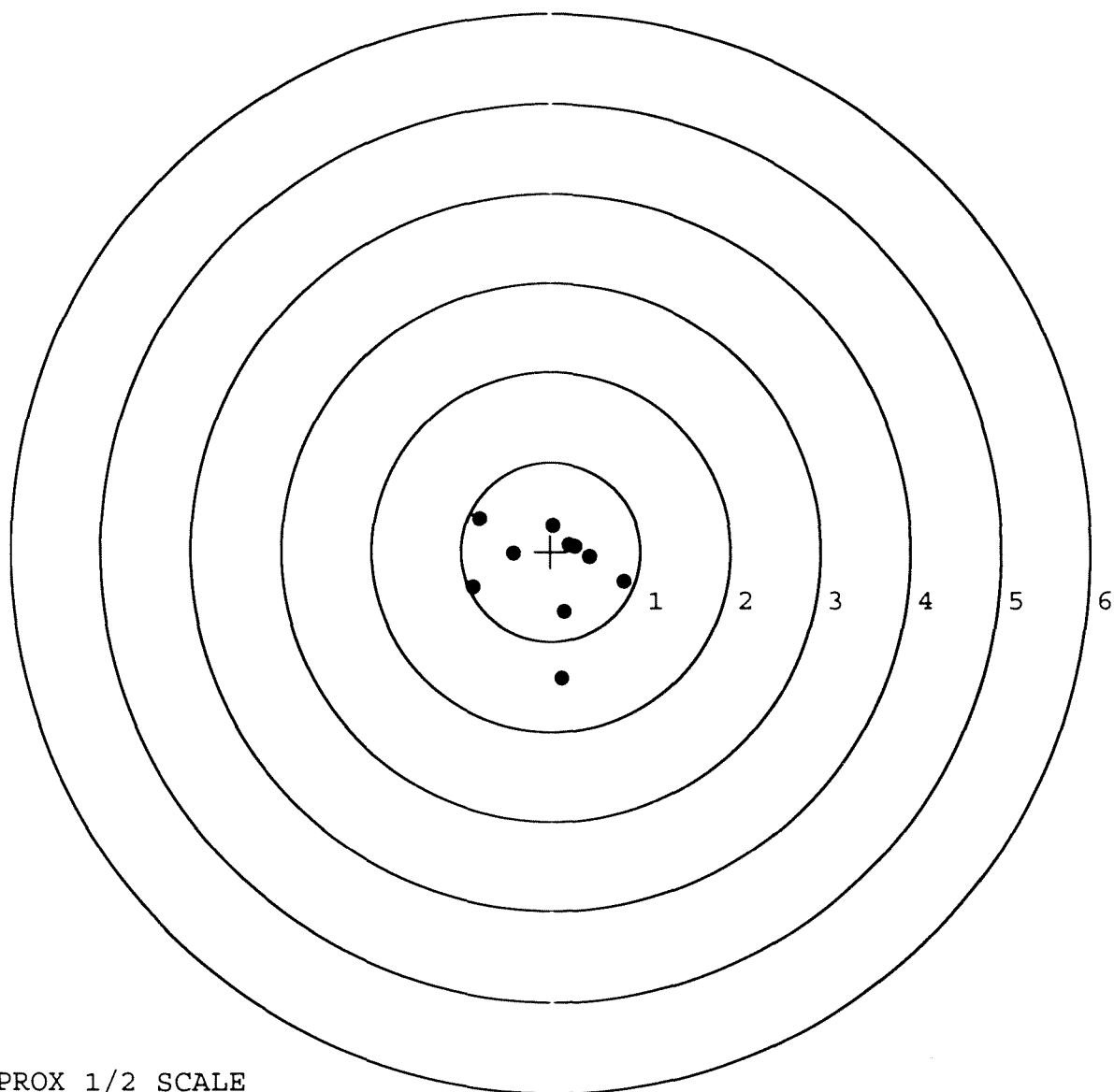
MAX RADIUS: 1.211

MEAN RADIUS: 0.657

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

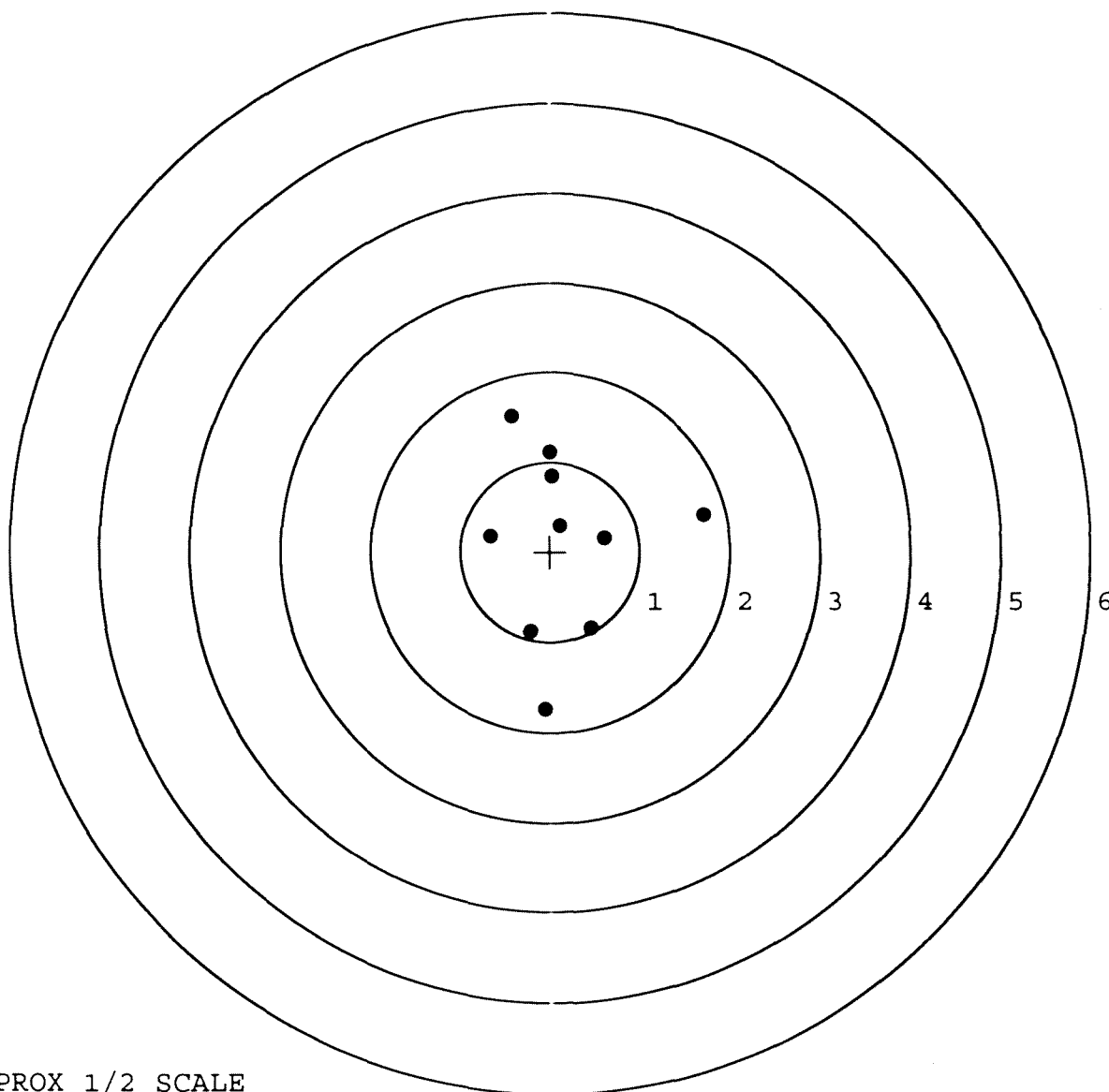


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587704. __0
TARGET NUMBER: 3
FILE DATE: 09/05/2008
FILE TIME: 13:43

POINT#	X	Y
1:	-0.222	-0.887
2:	-0.061	-1.747
3:	0.457	-0.848
4:	1.701	0.420
5:	0.608	0.160
6:	0.110	0.291
7:	0.023	0.843
8:	0.006	1.112
9:	-0.428	1.509
10:	-0.661	0.176

X CENTROID: 0.153
Y CENTROID: 0.103
POA TO CENTROID: 0.185
HORZ SPREAD: 2.362
VERT SPREAD: 3.256
GROUP SPREAD: 3.277
MIN RADIUS: 0.193
MAX RADIUS: 1.862
MEAN RADIUS: 1.026
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

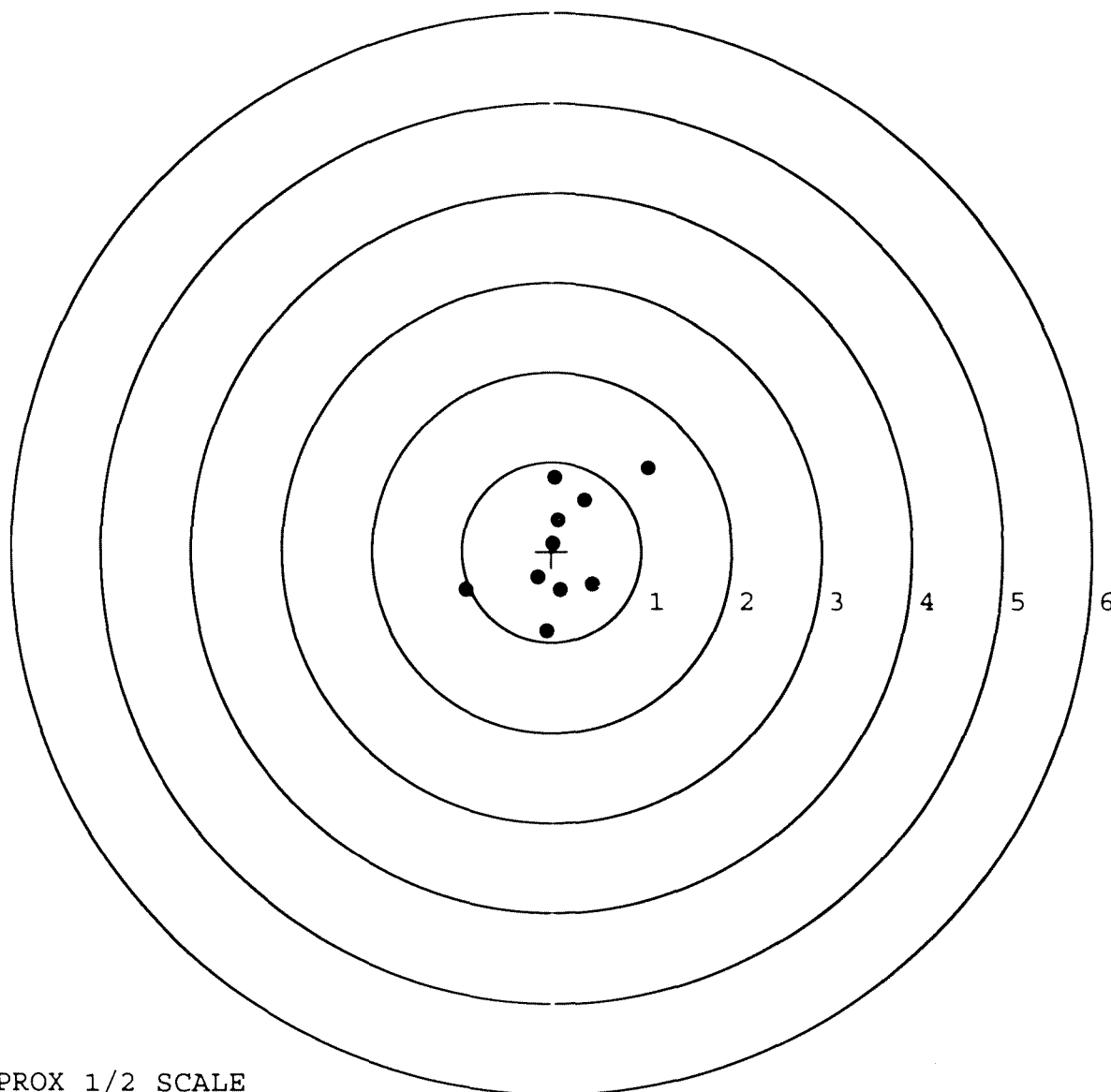


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587704. __0
TARGET NUMBER: 4
FILE DATE: 09/05/2008
FILE TIME: 13:43

POINT#	X	Y
1:	-0.956	-0.433
2:	-0.157	-0.289
3:	-0.058	-0.882
4:	0.098	-0.429
5:	0.454	-0.361
6:	0.018	0.091
7:	0.072	0.350
8:	0.372	0.576
9:	0.039	0.821
10:	1.074	0.932

X CENTROID: 0.096
Y CENTROID: 0.038
POA TO CENTROID: 0.103
HORZ SPREAD: 2.030
VERT SPREAD: 1.814
GROUP SPREAD: 2.446
MIN RADIUS: 0.094
MAX RADIUS: 1.326
MEAN RADIUS: 0.662
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

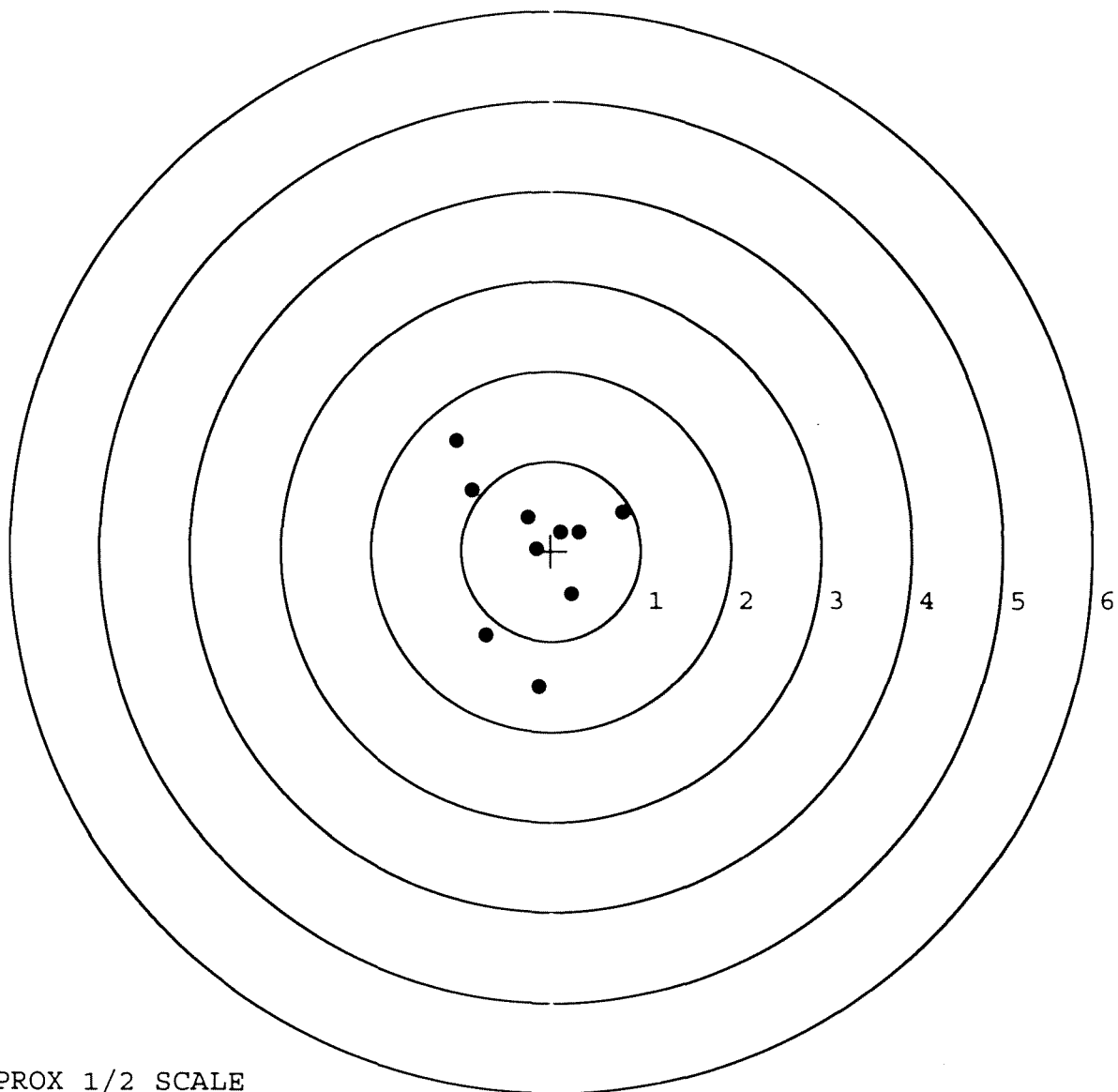


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587704. __ 0
TARGET NUMBER: 5
FILE DATE: 09/05/2008
FILE TIME: 13:43

X CENTROID: -0.178
Y CENTROID: 0.023
POA TO CENTROID: 0.179
HORZ SPREAD: 1.855
VERT SPREAD: 2.724
GROUP SPREAD: 2.875
MIN RADIUS: 0.015
MAX RADIUS: 1.523
MEAN RADIUS: 0.804
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.135	-1.500
2:	-0.731	-0.943
3:	0.228	-0.480
4:	0.799	0.433
5:	0.317	0.211
6:	0.112	0.213
7:	-0.163	0.021
8:	-0.266	0.372
9:	-0.885	0.676
10:	-1.056	1.224



TARGET APPROX 1/2 SCALE

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6587704

ORDER NO.
5716

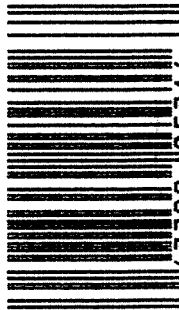
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MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6587704

UPC



0 47700 25716 7

R 94-18346

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

AL 36201-5025

AL
36201-5025

CUST NO:098397 C.D.DL

WRITE ☐

☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

MAIN FAULT

PARTS	
Trigger Assy	173.71
Scope Rep	119.43
Clean/Insp/Prep	<u>50.06</u>
	343.14

REPAIRMAN	PROOF	CLEAN	TEST AC	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE 11/2/95	DATE	DATE

RD6925 REV. 1/94

M2400025579

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587704

DATE _____

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.63	2.64	2.89		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.63	2.51	2.87		
PULL #3	2.63	2.64	2.83		
PULL #4	2.64	2.66	2.77		
PULL #5	2.63	2.54	2.85		
TOTAL	13.16	12.99	14.21		
AVG.	2.63	2.60	2.84		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.17		
PULL #2	3.06	3.17		
PULL #3	3.26	3.13		
PULL #4	3.13	3.16		
PULL #5	3.28	3.17		
TOTAL	15.97	15.80		
AVG.	3.19	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.10		4.10
PULL #2	4.00	4.05		4.16
PULL #3	4.02	4.08		4.09
PULL #4	4.03	4.10		4.05
PULL #5	4.07	4.04		4.11
TOTAL	20.25	20.37		20.51
AVG.	4.05	4.07		4.10

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587704

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11/28	WB
	G) Safety Off Force	2 3/4	2 3/4	2 1/2			11/28	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection							
	A) Headspace							
	B) Trigger Pull	2.57	2.71	2.74	2.52	2.68	11/28	WB
	C) Function							
660	Pack							

CONTRACT # DAAA21-87-C-0086

NEW BBL

GUN SERIAL # C 6587704

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/24/90	Kd
600	Proof		10/24/90	Kd
607	Check Headspace		10/24/90	Kd
610	Dis-assemble Gun		10/24/90	Kd
612	Magnaflux Barrel Action		10/30/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	SL
617	Drill and Tap Sight Holes		11/6/90	KB
618	Polish Barrel <i>PB</i>		11/7/90	LCB
620	Apply Coatings (Barrel Action)		11/26/90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/4/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/4/90	KS
	C) Inspect Ejector Hole for Chamfer		12/4/90	KS
	D) Oil Firing Pin Ass'y		12/4/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/5/90	SL

Op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			12/5/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			12/5/90	WB
	H) Trigger Pull Test & Retainability						12/5/90	SL
	I) Firing Pin Indent	.0225	.0225	.0225			12/5/90	WB
	J) Assemble Stock						12/5/90	KS
	K) Assemble Swivel Studs						12-7-90	QJ8
	L) Attach Front and Rear Sight Assemblies						12/5/90	KS
	M) Iron Sight Alignment						12/5/90	KS
	N) Detach Front & Rear Sights & place in numbered container						12/5/90	KS
	O) Attach Scope to Rifle						12/5/90	KS
	P) Detach & Attach Scope 20 Times						12/5/90	KS
640	Gallery Target & Test						12-6-90	AC
	A) Time						12-6-90	AC
	B) Malfunctions						12-6-90	AC
	C) Pierced Primers						12-6-90	AC
	D) Optical Clarity of Scope						12-6-90	AC
645	Inspect for Live Ammo						12-6-90	AC
655	Final Inspection							
	A) Headspace						12-7-90	QJ8
	B) Trigger Pull	251	251	251	245	252	12-7-90	QJ8
	C) Function						12-7-90	QJ8
660	Pack						12-17-90	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587704DATE 12/5/90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.49	2.25	2.26	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.22	2.45	2.51	
PULL #3	2.26	2.25	2.24	2.51	
PULL #4	2.22	2.22	2.23	2.45	
PULL #5	2.22	2.24	2.21	2.53	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.13		
PULL #2	3.48	3.42		
PULL #3	3.48	3.39		
PULL #4	3.30	3.42		
PULL #5	3.19	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.37		4.39
PULL #2	4.36	4.35		4.38
PULL #3	4.29	4.36		4.33
PULL #4	4.43	4.36		4.39
PULL #5	4.45	4.40		4.37
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587784
6 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.485874
1 TO	2	.805553
1 TO	3	.259515
1 TO	4	.574976
1 TO	5	.524389

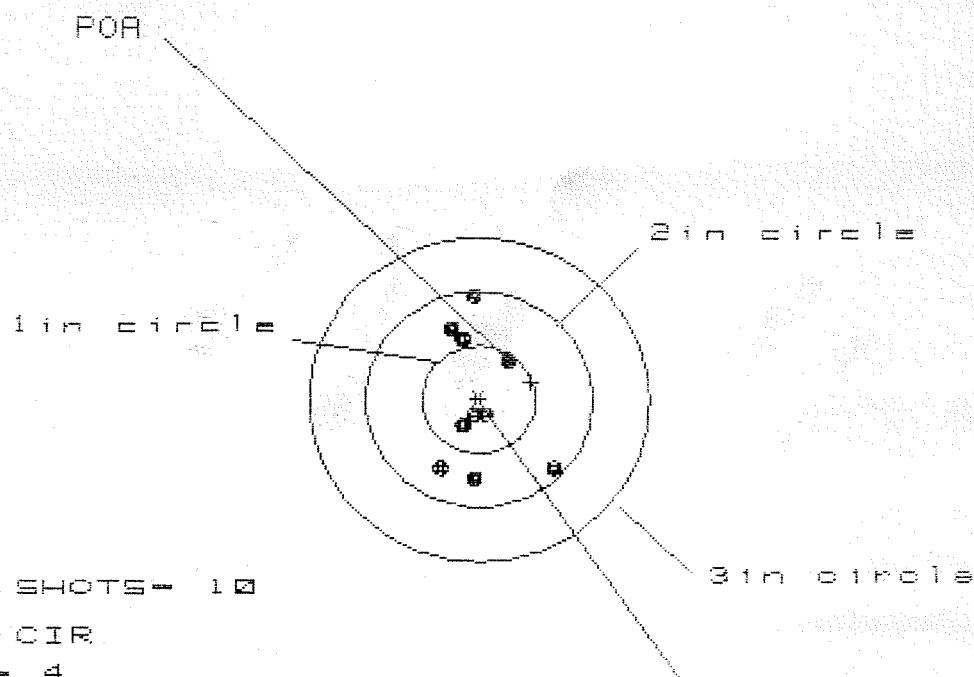
⁴
1352 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0616
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0498
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0792124
THE AMR FOR THIS RIFLE IS: .7708

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587704

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 10

3 in = 10

HS= .979

VS= 1.677

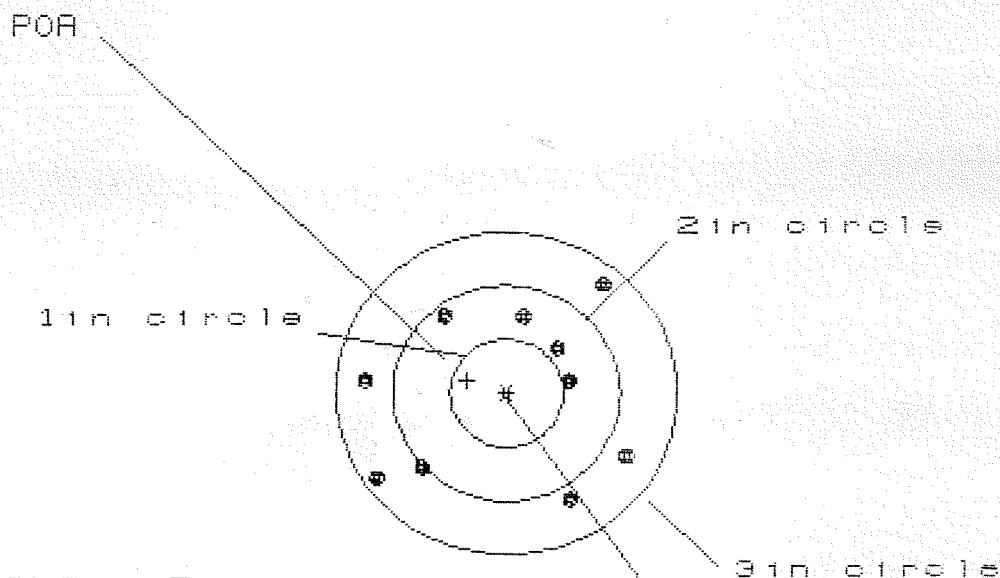
GS= 1.779

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.684	.308	.308
MINIMUM X	:	-.295	-.219	-.219
MAXIMUM Y	:	.929	.853	.744
MINIMUM Y	:	-.748	-.824	-.717
CENTROID X	:	-.457	-.533	-.533
CENTROID Y	:	-.165	-.089	-.196
POA TO CENTROID in.	:	.486	.540	.568
MIN RADIUS	:	.113	.204	.113
MEAN RADIUS	:	.565	.530	.464
MAX RADIUS	:	.965	.853	.768
HORIZONTAL SPREAD	:	.979	.527	.527
VERTICAL SPREAD	:	1.677	1.677	1.461
EXTREME SPREAD	:	1.779	1.677	1.476
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65877B4

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 10

HS= 2.334

VS= 1.998

GS= 2.692

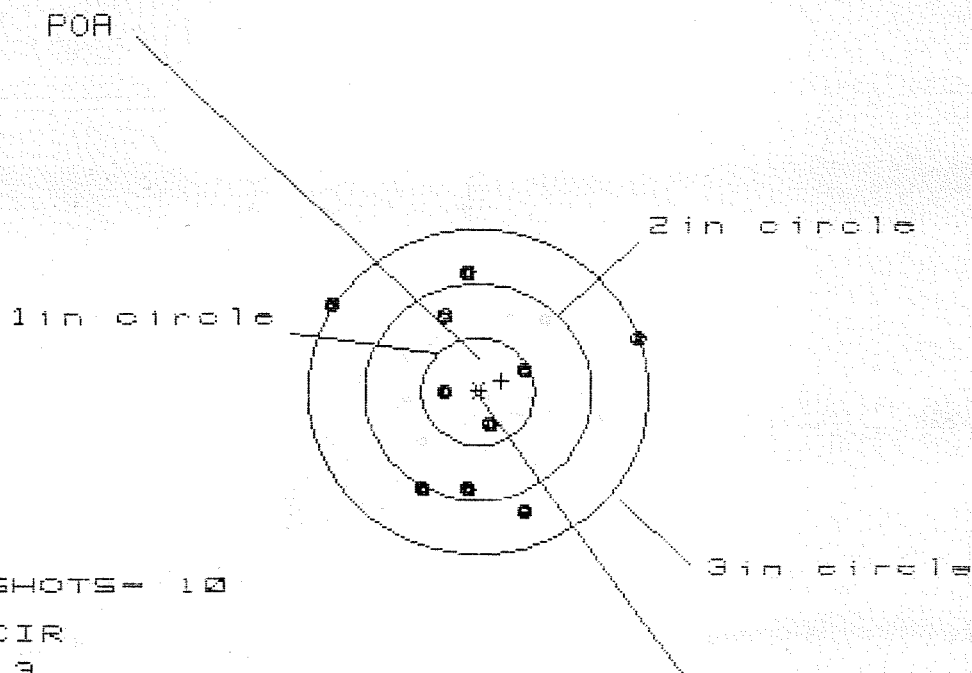
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.074	.945	1.037
MINIMUM X	:	-1.260	-1.389	-1.297
MAXIMUM Y	:	1.024	.940	.740
MINIMUM Y	:	-.974	-1.058	-.941
CENTROID X	:	.347	.476	.384
CENTROID Y	:	-.115	-.031	-.148
POA TO CENTROID in.	:	.366	.477	.411
MIN RADIUS	:	.529	.388	.503
MEAN RADIUS	:	1.013	.940	.926
MAX RADIUS	:	1.380	1.389	1.302
HORIZONTAL SPREAD	:	2.334	2.334	2.334
VERTICAL SPREAD	:	1.998	1.998	1.681
EXTREME SPREAD	:	2.692	2.432	2.432
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06587704

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.699

VS= 2.143

GS= 2.710

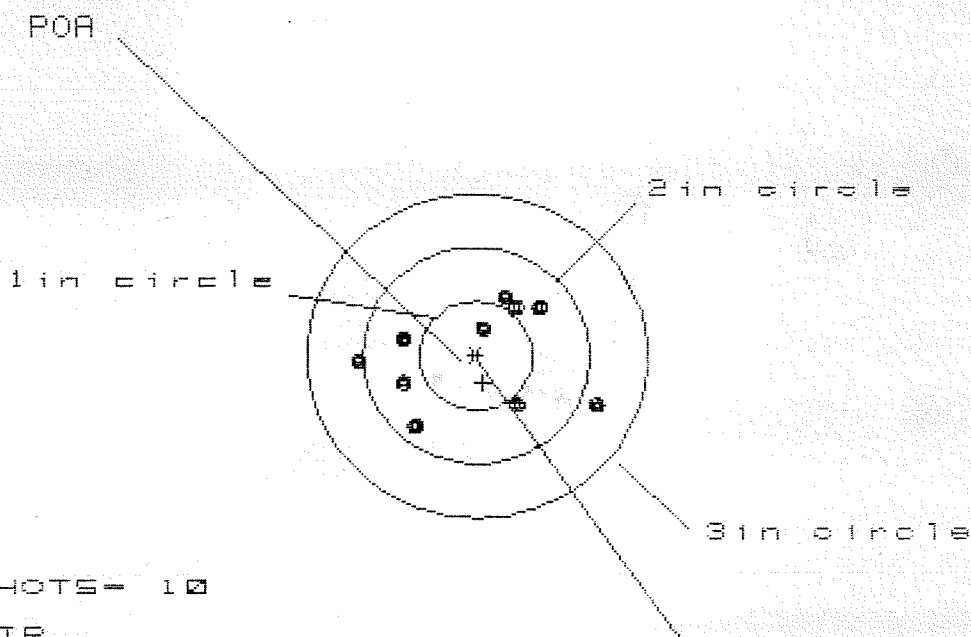
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.427	.606	.466
MINIMUM X	-1.272	-1.113	-.432
MAXIMUM Y	1.078	1.135	1.237
MINIMUM Y	-1.065	-1.008	-.906
CENTROID X	-.205	-.364	-.224
CENTROID Y	-.103	-.160	-.262
POA TO CENTROID in.	.230	.397	.345
MIN RADIUS	.259	.103	.237
MEAN RADIUS	.894	.810	.723
MAX RADIUS	1.515	1.380	1.239
HORIZONTAL SPREAD	2.699	1.719	.898
VERTICAL SPREAD	2.143	2.143	2.143
EXTREME SPREAD	2.710	2.506	2.211
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 2.084

VS= 1.190

GS= 2.126

CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.067	.681	.568
MINIMUM X	-1.017	-.898	-.650
MAXIMUM Y	.540	.490	.480
MINIMUM Y	-.650	-.700	-.710
CENTROID X	-.058	-.177	-.064
CENTROID Y	.249	.299	.309
POA TO CENTROID in.	.256	.348	.316
MIN RADIUS	.258	.291	.209
MEAN RADIUS	.712	.656	.609
MAX RADIUS	1.158	.902	.863
HORIZONTAL SPREAD	2.084	1.579	1.218
VERTICAL SPREAD	1.190	1.190	1.190
EXTREME SPREAD	2.126	1.652	1.531
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.553

VS= 1.594

GS= 2.820

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.249	.786	.640
MINIMUM X	:	-1.304	-1.165	-.511
MAXIMUM Y	:	.991	.472	.460
MINIMUM Y	:	-.603	-.493	-.505
CENTROID X	:	.065	-.074	.072
CENTROID Y	:	-.115	-.225	-.213
POA TO CENTROID in.	:	.132	.237	.225
MIN RADIUS	:	.064	.170	.137
MEAN RADIUS	:	.670	.558	.472
MAX RADIUS	:	1.595	1.169	.641
HORIZONTAL SPREAD	:	2.553	1.951	1.151
VERTICAL SPREAD	:	1.594	.965	.965
EXTREME SPREAD	:	2.820	1.955	1.224
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	