

C6349158

MODEL 700™ M24

Model SMS™

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

Repair Number: **RE00092988** Serial: C6349168 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/13/1999

Verify Repair

Repairman: Status: Closed 2/11/2005 7:31:12 AM

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
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

regtel 2/14/2005 9:12 AM CAPS NUM INS SCPL

start 5 2 3 Arms Service

Serial Number: **C6349168**

Model: **M24 SWS**



RE00092988

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349168.___0
FILE DATE AND TIME: 04/04/2005 06:56

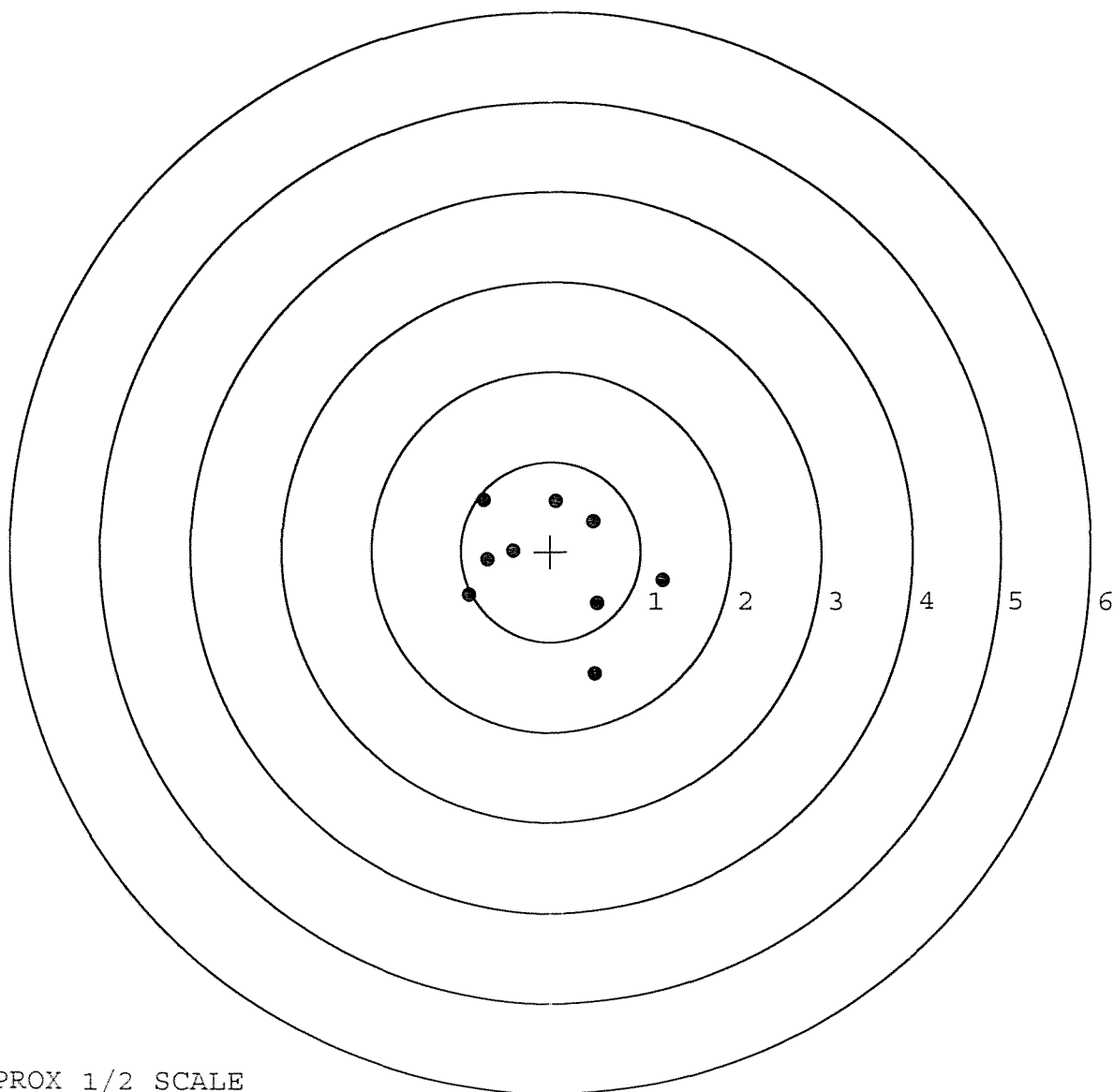
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.004
The Average Y Centroid of the Five Target Set:	-0.035
The Average Point of Impact of the Five Target Set:	0.035
The Average Mean Radius of the Five Target Set:	1.052
The Distance from POA to Centroid Target #1:	0.154
The Distance from Centroid Target #2 to Centroid Target #1:	0.314
The Distance from Centroid Target #3 to Centroid Target #1:	0.111
The Distance from Centroid Target #4 to Centroid Target #1:	0.139
The Distance from Centroid Target #5 to Centroid Target #1:	0.230

SERIAL NUMBER: C6349168. 0
TARGET NUMBER: 1
FILE DATE: 04/04/2005
FILE TIME: 06:56

X CENTROID: 0.000
Y CENTROID: -0.154
POA TO CENTROID: 0.154
HORZ SPREAD: 2.151
VERT SPREAD: 1.937
GROUP SPREAD: 2.299
MIN RADIUS: 0.450
MAX RADIUS: 1.307
MEAN RADIUS: 0.866
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.492	-1.365
2:	0.516	-0.582
3:	1.240	-0.322
4:	0.473	0.333
5:	0.056	0.561
6:	-0.420	0.008
7:	-0.704	-0.098
8:	-0.911	-0.493
9:	-0.746	0.572

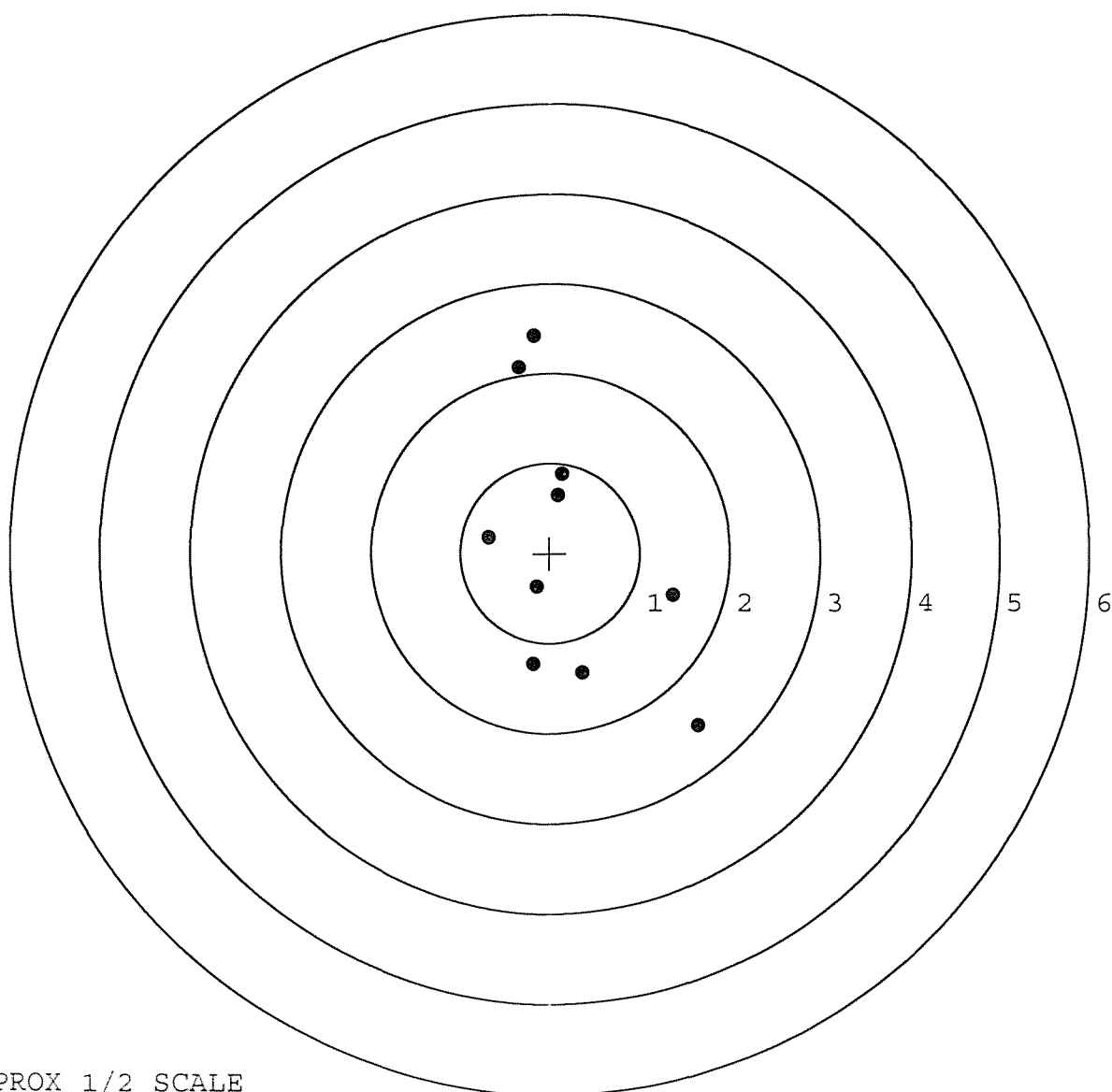


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349168. __0
TARGET NUMBER: 2
FILE DATE: 04/04/2005
FILE TIME: 06:56

X CENTROID: 0.204
Y CENTROID: 0.084
POA TO CENTROID: 0.221
HORZ SPREAD: 2.329
VERT SPREAD: 4.339
GROUP SPREAD: 4.709
MIN RADIUS: 0.572
MAX RADIUS: 2.467
MEAN RADIUS: 1.382
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.644	-1.920
2:	1.366	-0.473
3:	0.363	-1.335
4:	-0.187	-1.235
5:	-0.148	-0.376
6:	-0.685	0.179
7:	0.090	0.644
8:	0.138	0.875
9:	-0.352	2.062
10:	-0.185	2.419

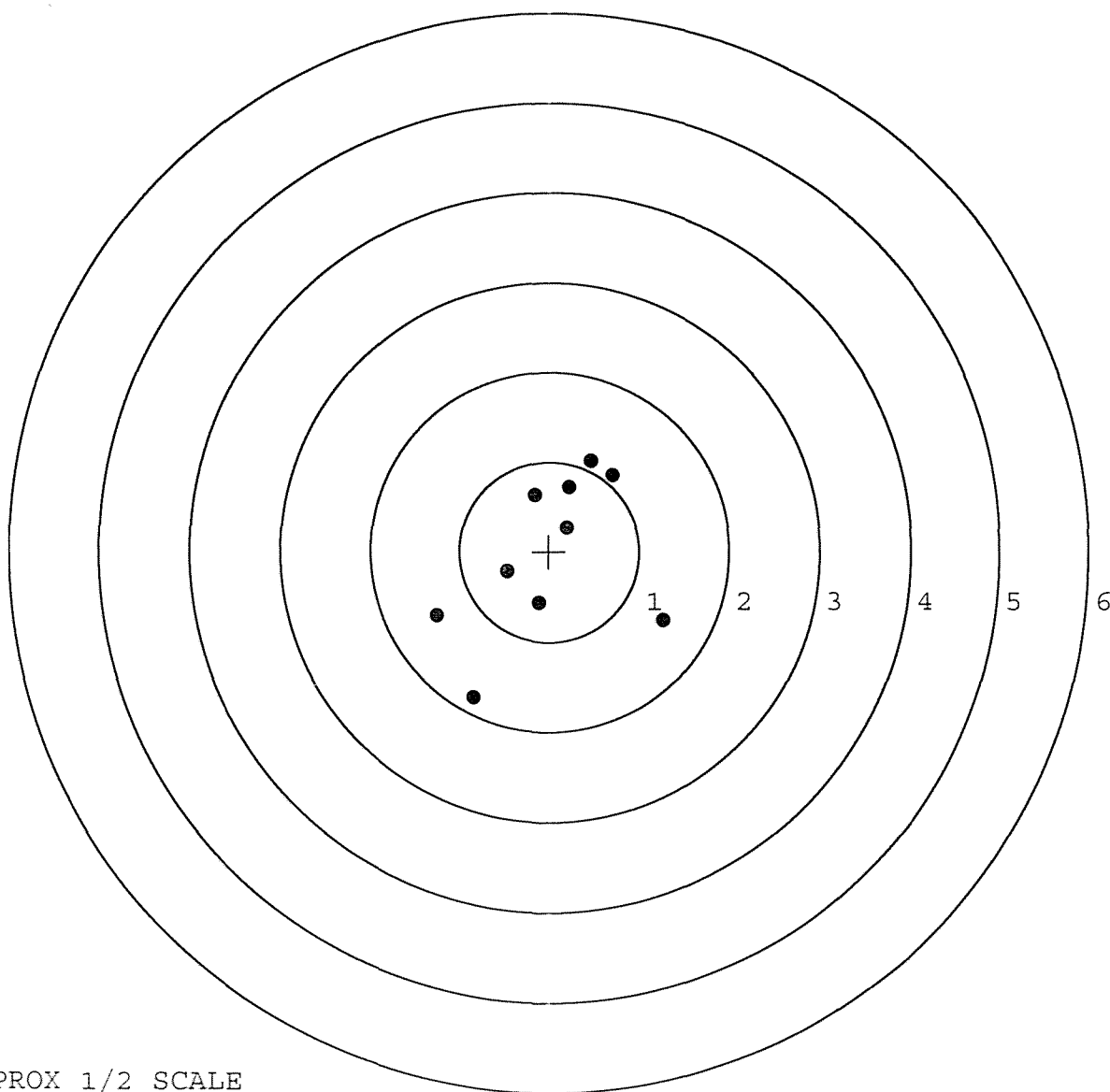


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349168. __0
TARGET NUMBER: 3
FILE DATE: 04/04/2005
FILE TIME: 06:56

X CENTROID: 0.002
Y CENTROID: -0.043
POA TO CENTROID: 0.043
HORZ SPREAD: 2.518
VERT SPREAD: 2.637
GROUP SPREAD: 2.943
MIN RADIUS: 0.368
MAX RADIUS: 1.794
MEAN RADIUS: 0.986
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.264	-0.762
2:	-0.114	-0.572
3:	-0.470	-0.221
4:	-1.254	-0.715
5:	-0.842	-1.626
6:	0.206	0.264
7:	-0.165	0.633
8:	0.222	0.714
9:	0.464	1.011
10:	0.706	0.848

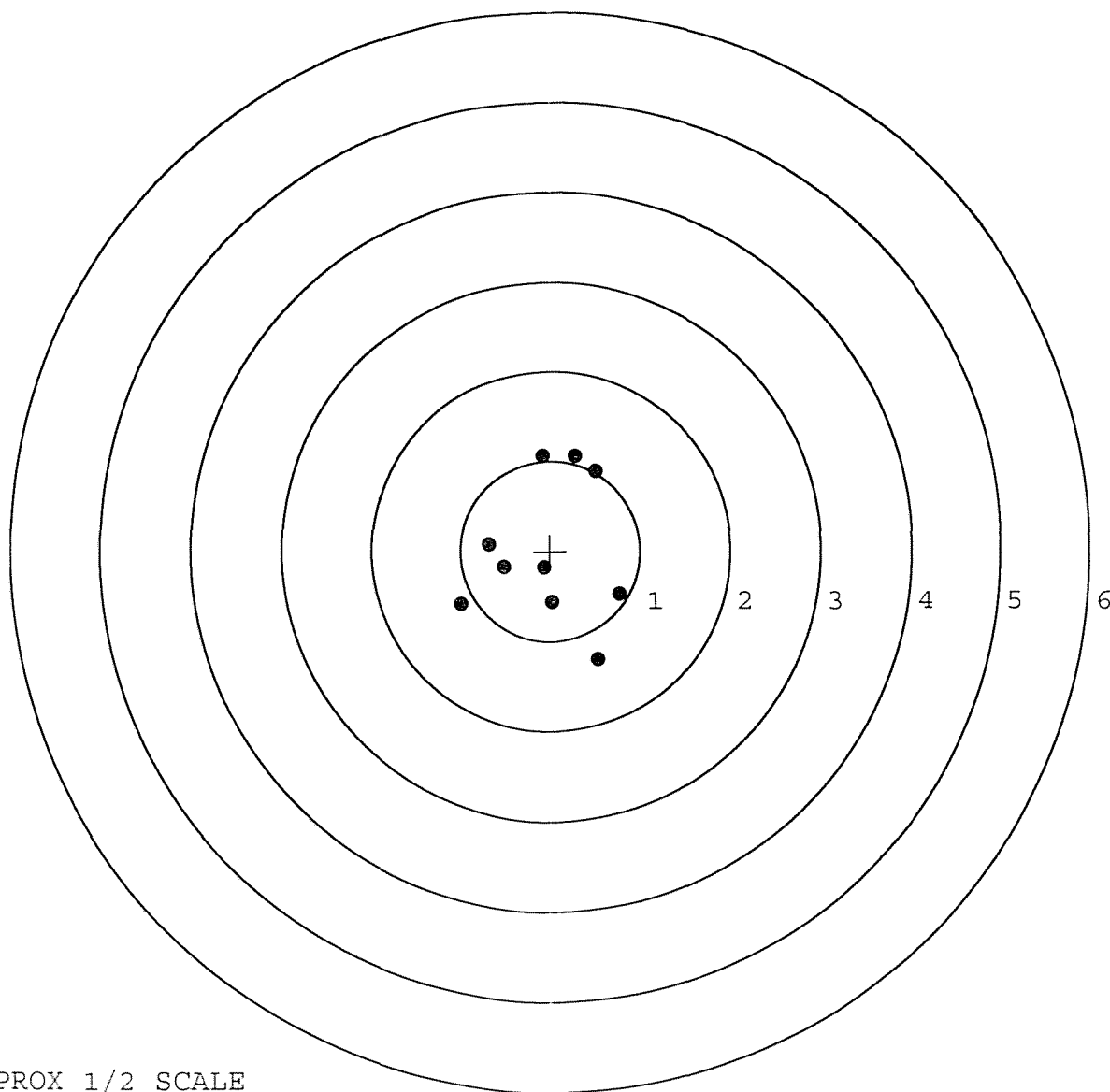


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349168. 0
TARGET NUMBER: 4
FILE DATE: 04/04/2005
FILE TIME: 06:56

X CENTROID: -0.023
Y CENTROID: -0.017
POA TO CENTROID: 0.028
HORZ SPREAD: 1.768
VERT SPREAD: 2.268
GROUP SPREAD: 2.349
MIN RADIUS: 0.174
MAX RADIUS: 1.319
MEAN RADIUS: 0.851
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.769	-0.482
2:	0.532	-1.213
3:	0.023	-0.572
4:	-0.071	-0.184
5:	-0.514	-0.179
6:	-0.680	0.075
7:	-0.999	-0.600
8:	-0.081	1.055
9:	0.283	1.049
10:	0.509	0.883



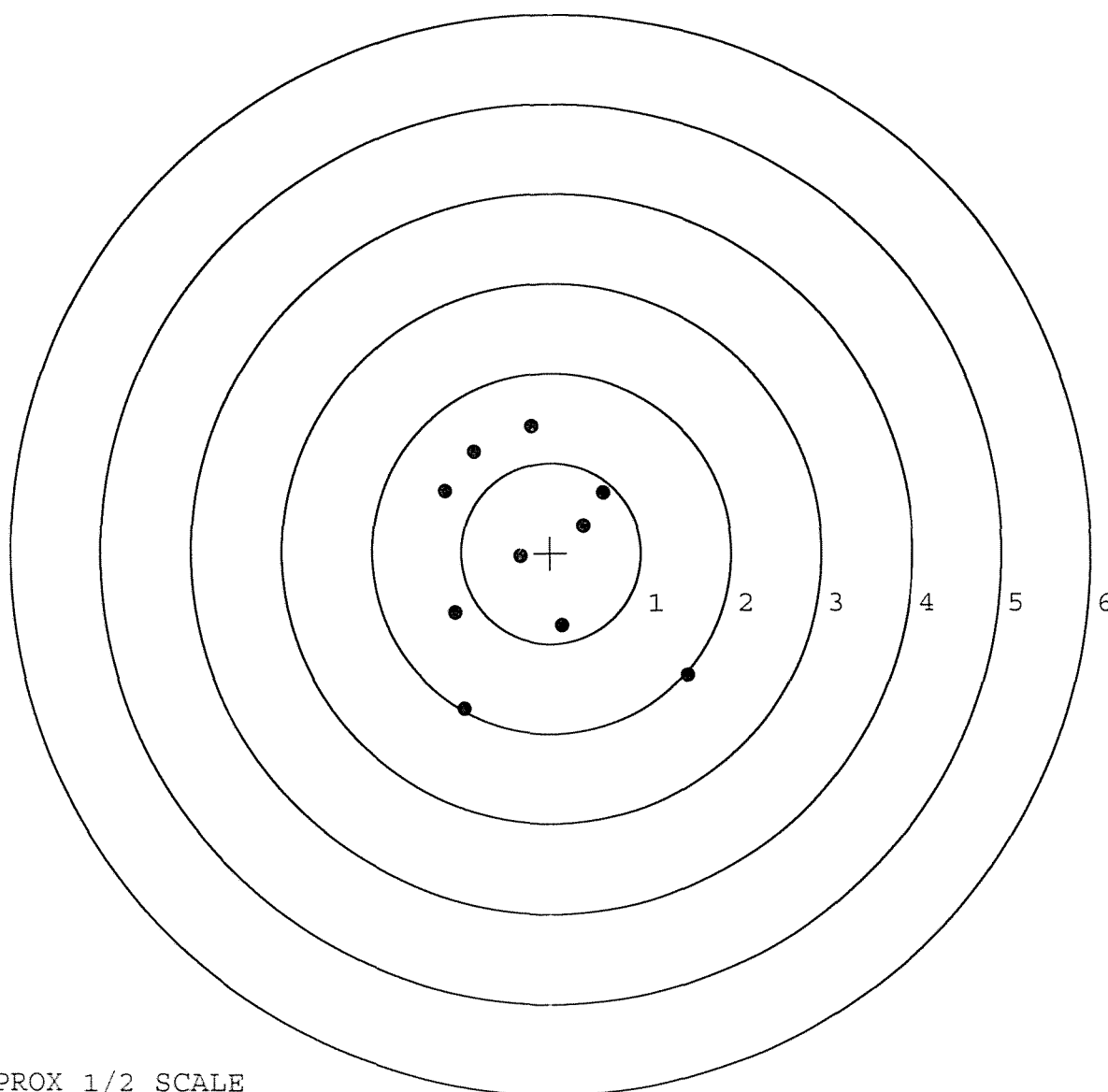
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349168. __0
TARGET NUMBER: 5
FILE DATE: 04/04/2005
FILE TIME: 06:56

X CENTROID: -0.204
Y CENTROID: -0.045
POA TO CENTROID: 0.209
HORZ SPREAD: 2.703
VERT SPREAD: 3.149
GROUP SPREAD: 3.425
MIN RADIUS: 0.135
MAX RADIUS: 2.163
MEAN RADIUS: 1.177

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.581	0.661
2:	0.363	0.295
3:	-0.339	-0.045
4:	0.133	-0.803
5:	1.518	-1.354
6:	-0.961	-1.740
7:	-1.073	-0.669
8:	-1.185	0.679
9:	-0.857	1.114
10:	-0.217	1.409



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER		92988	
SERIAL NUMBER		C16349168	
LOG-IN DATE		2-11-05	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-19-05	RTZ
560 A	RE-BARREL	2-22-05	RTZ
B	DRILL AND TAP	2-28-05	TKL
575	ASSEMBLE	2-23-05	RTZ
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	AC
610	DIS-ASSEMBLE GUN	2-24-05	RTZ
612	MAGNAFLUX	2-24-05	RTZ
615	ROLLMARK CALIBER	3-1-05	CW
618	ROTO-BLAST	3-3-05	LB
620	APPLY COATINGS	3-16-05	HP
625 A	FINAL ASSEMBLY	3-31-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-17-05	AC
D	SAFETY "OFF" FORCE	4-17-05	AC
E	FIRING PIN INDENT	4-17-05	AC
640	TARGET	4-4-05	AC
655	FINAL INSPECT	4-17-05	AC
660	PACK	4-21-05	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

MOD. _____ GA. _____ GUN _____
CAL. _____ # C6349168

#	TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		Shaver brass & don't eject	DN
	2nd			
	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		

GUN SERIAL # C6349168

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	7-8	88	RW
612	Magnaflux Barrel Action	10/31/89		KCR
	Magnaflux Bolt	10/31/89		KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/6/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/6/89	RW
	C) Inspect Ejector Hole for Chamfer		11/6/89	RW
	D) Oil Firing Pin Ass'y		11/6/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/10/89	JD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			11-9-89	JH
	G) Safety Off Force	3	3	3			11-9-89	JH
	H) Trigger Pull Test & Retainability						8/10/89	JH
	I) Firing Pin Indent	.020	.020	.020			11-9-89	JH
	J) Assemble Stock						11/13/89	RW
	K) Assemble Swivel Studs						15/10/89	JH
	L) Attach Front and Rear Sight Assemblies						11/13/89	RW
	M) Iron Sight Alignment						11/13/89	RW
	N) Detach Front & Rear Sights & place in numbered container						11/13/89	RW
	O) Attach Scope to Rifle						13/10/89	JH
	P) Detach & Attach Scope 20 Times						13/10/89	JH
640	Gallery Target & Test						11-14-89	AC
	A) Time						11-14-89	AC
	B) Malfunctions						11-14-89	AC
	C) Pierced Primers						11-14-89	AC
	D) Optical Clarity of Scope						11-14-89	AC
645	Inspect for Live Ammo						11-14-89	AC
655	Final Inspection							
	A) Headspace						15/10/89	JH
	B) Trigger Pull	223	217	219	218	221	15/10/89	JH
	C) Function						15/10/89	JH
660	Pack						14/10/89	JH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349168DATE 3-13-90TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.28	2.29		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.35	2.55		
PULL #3	2.38	2.26	2.49		
PULL #4	2.39	2.27	2.52		
PULL #5	2.18	2.43	2.52		
TOTAL	11.77	11.59	12.37		
AVG.	2.354	2.318	2.474		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.47		
PULL #2	3.35	3.22		
PULL #3	3.33	3.42		
PULL #4	3.24	3.39		
PULL #5	3.34	3.40		
TOTAL	16.67	16.90		
AVG.	3.334	3.38		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.54	4.43		
PULL #2	4.34	4.41		
PULL #3	4.45	4.38		
PULL #4	4.31	4.40		
PULL #5	4.47	4.35		
TOTAL	22.11	21.97		
AVG.	4.422	4.394		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349168
14 Nov 1989

CENTROIDAL DISTANCES

0 TO 1	.427818
1 TO 2	.948323
1 TO 3	.941429
1 TO 4	.61573
1 TO 5	.41703

$\frac{2}{3} \times 10^4$ <----POA

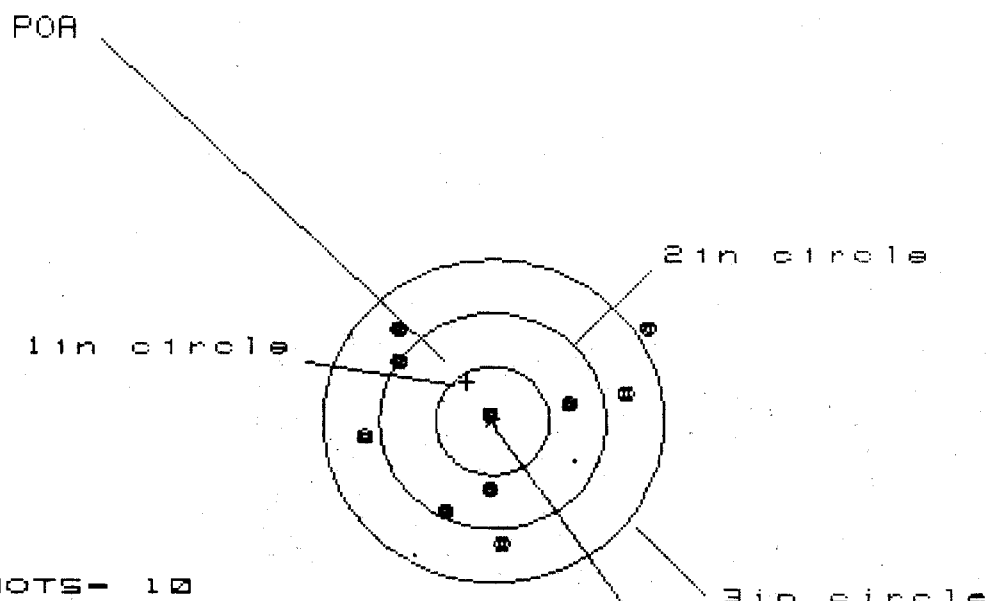
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0604
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0358
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0702125

THE ~~POI~~ FOR THIS RIFLE IS: .8428

14 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349168

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.477

VS= 2.069

GS= 2.665

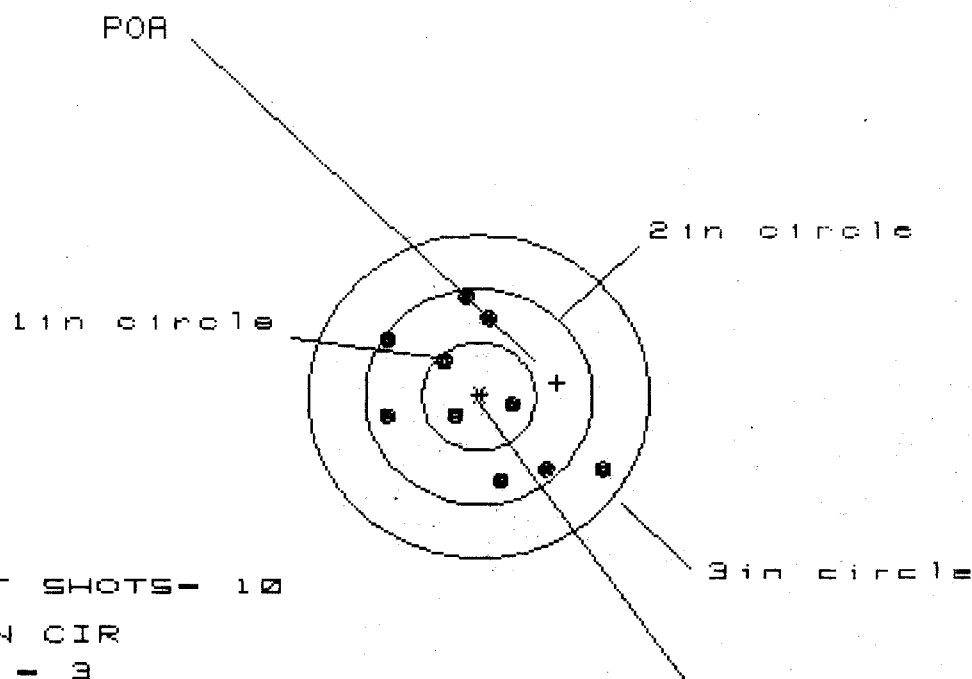
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.378	1.364	1.274
MINIMUM X	:	-1.099	-.946	-1.036
MAXIMUM Y	:	.895	.991	.749
MINIMUM Y	:	-1.174	-1.078	-.954
CENTROID X	:	.228	.075	.165
CENTROID Y	:	-.362	-.458	-.582
POA TO CENTROID in.	:	.428	.464	.605
MIN RADIUS	:	.122	.207	.316
MEAN RADIUS	:	.986	.901	.850
MAX RADIUS	:	1.629	1.403	1.352
HORIZONTAL SPREAD	:	2.477	2.310	2.310
VERTICAL SPREAD	:	2.069	2.069	1.703
EXTREME SPREAD	:	2.665	2.335	2.335
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349168

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.857

VS= 1.717

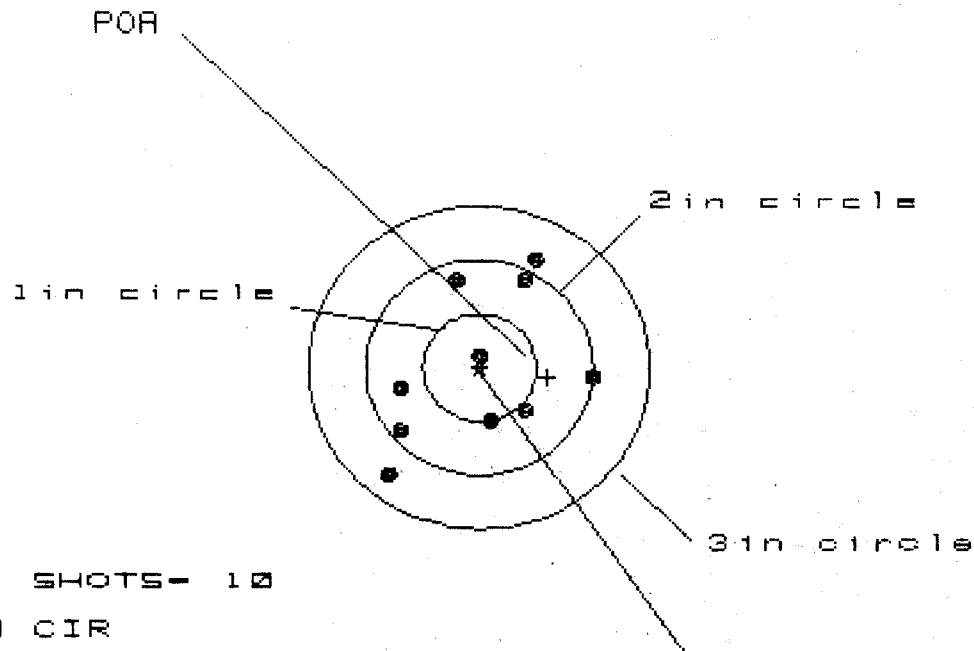
GS= 2.235

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.043	.728	.641
MINIMUM X	:	-.814	-.699	-.785
MAXIMUM Y	:	.950	.874	.934
MINIMUM Y	:	-.767	-.843	-.783
CENTROID X	:	-.691	-.806	-.719
CENTROID Y	:	-.128	-.052	-.112
POA TO CENTROID in.	:	.702	.808	.728
MIN RADIUS	:	.297	.295	.290
MEAN RADIUS	:	.752	.683	.659
MAX RADIUS	:	1.247	1.038	.939
HORIZONTAL SPREAD	:	1.857	1.427	1.426
VERTICAL SPREAD	:	1.717	1.717	1.717
EXTREME SPREAD	:	2.235	1.879	1.771
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	9		
NUMBER IN THREE INCH CIRCLE =	:	10		

14 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6349168

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 8

3in = 10

HS= 1.783

VS= 1.995

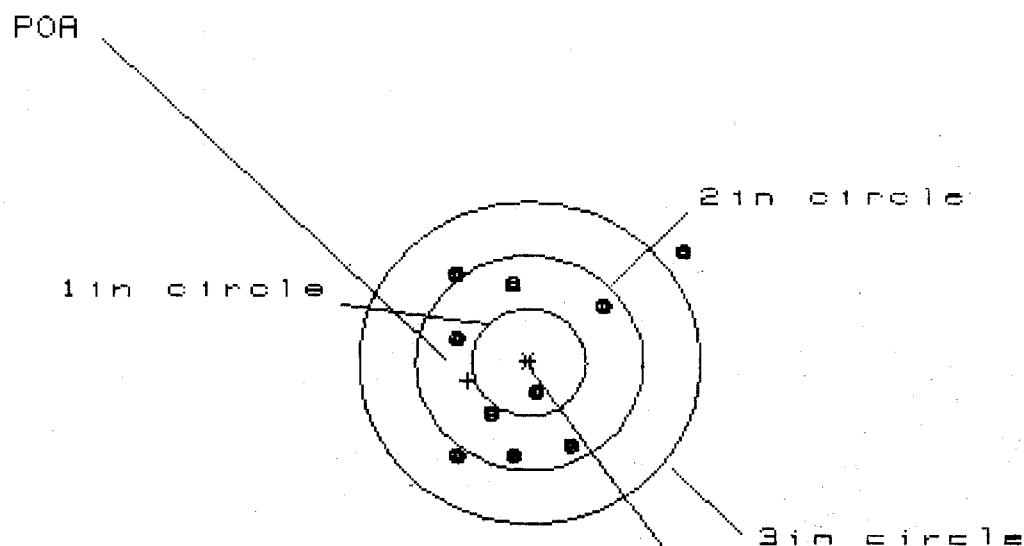
GS= 2.380

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.955	.863	.910
MINIMUM X	:	-.828	-.771	-.724
MAXIMUM Y	:	1.016	.907	.832
MINIMUM Y	:	-.979	-.681	-.568
CENTROID X	:	-.600	-.508	-.555
CENTROID Y	:	.086	.195	.082
POA TO CENTROID in.	:	.606	.544	.561
MIN RADIUS	:	.081	.080	.088
MEAN RADIUS	:	.775	.716	.668
MAX RADIUS	:	1.282	1.029	.920
HORIZONTAL SPREAD	:	1.783	1.634	1.634
VERTICAL SPREAD	:	1.995	1.588	1.399
EXTREME SPREAD	:	2.380	1.960	1.779
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

14 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C63491B8

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in - 1

2in - 7

3in = 9

HS- 2.040

VS= 1.900

GS= 2.760

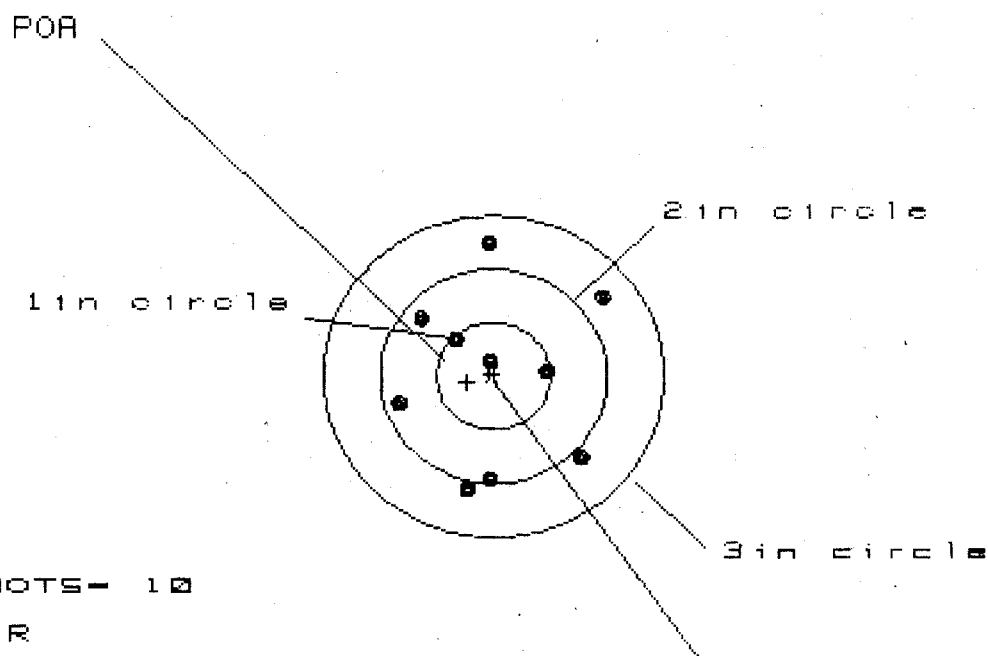
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.396	.780	.720
MINIMUM X	:	-.644	-.489	-.549
MAXIMUM Y	:	.999	.938	.844
MINIMUM Y	:	-.901	-.790	-.884
CENTROID X	:	.538	.383	.443
CENTROID Y	:	.170	.059	.153
POA TO CENTROID in.	:	.564	.387	.469
MIN RADIUS	:	.266	.277	.296
MEAN RADIUS	:	.861	.737	.720
MAX RADIUS	:	1.717	1.053	1.001
HORIZONTAL SPREAD	:	2.040	1.269	1.269
VERTICAL SPREAD	:	1.900	1.728	1.728
EXTREME SPREAD	:	2.760	1.872	1.858
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

14 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8349168

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in - 3

2in - 6

3in - 10

HS- 1.816

VS= 2.364

GS= 2.377

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.948	.950	.856
MINIMUM X	-.868	-.866	-.747
MAXIMUM Y	1.263	.910	.776
MINIMUM Y	-1.101	-.961	-.847
CENTROID X	.233	.231	.112
CENTROID Y	.055	-.085	-.199
POA TO CENTROID in.	.239	.246	.229
MIN RADIUS	.115	.255	.391
MEAN RADIUS	.840	.800	.736
MAX RADIUS	1.263	1.316	.983
HORIZONTAL SPREAD	1.816	1.816	1.603
VERTICAL SPREAD	2.364	1.871	1.623
EXTREME SPREAD	2.377	2.215	1.850
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6349168

ORDER NO.
5716

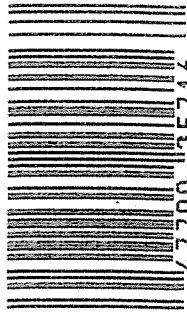
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marquo Deposado.

01



5716 C6349168

UPC



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