

C6611781

MODEL 700™ M24

Model **SMS**™

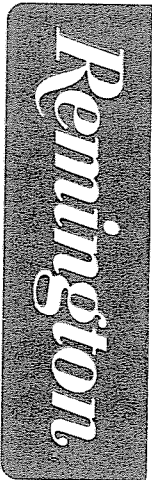
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Serial Number: C66 1 178 1

Model: M24 SWS



RE00171689

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

171689

SERIAL NUMBER

C661781

LOG-IN DATE

7-22-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-27-09	RP
505	RE-BARREL	7-28-09	RTZ
420	ASSEMBLE	7-28-09	RTZ
440	PROOF	7-28-09	RTZ
460	CHECK HEADSPACE	7-28-09	RTZ
470	DIS-ASSEMBLE GUN	7-28-09	RTZ
480	MAGNAFLUX	7/31/09	RTZ
510	DRILL AND TAP	7-29-09	SB
500	ROLLMARK CALIBER	7-31-09	OWD
520	GOFF BLAST BBL / REC	7/31/09	RTZ
530 & 540	APPLY COATINGS	8/1/09	RTZ
560	FINAL ASSEMBLY	8-2-09	RTZ
640	FUNCTION TEST AND	8-18-09	RP
650	TARGET	8-18-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-18-09	RTZ
	A) HEADSPACE	8-19-09	RTZ
	B) TRIGGER PULL	272 274 272 274 278 8-19-09	RTZ
680	F) SAFETY ON FORCE	6 ⁰ 6 ⁰ 6 ⁰ 8-19-09	RTZ
	G) SAFETY OFF FORCE	4 ⁰ 4 ⁰ 4 ⁰ 8-19-09	RTZ
	I) FIRING PIN INDENT	024 024 024 8-19-09	RTZ
690	PACK	8/19/09	Fm

F006 REV 1/2009

[illegible]

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611781.___0
FILE DATE AND TIME: 08/19/2009 05:59

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

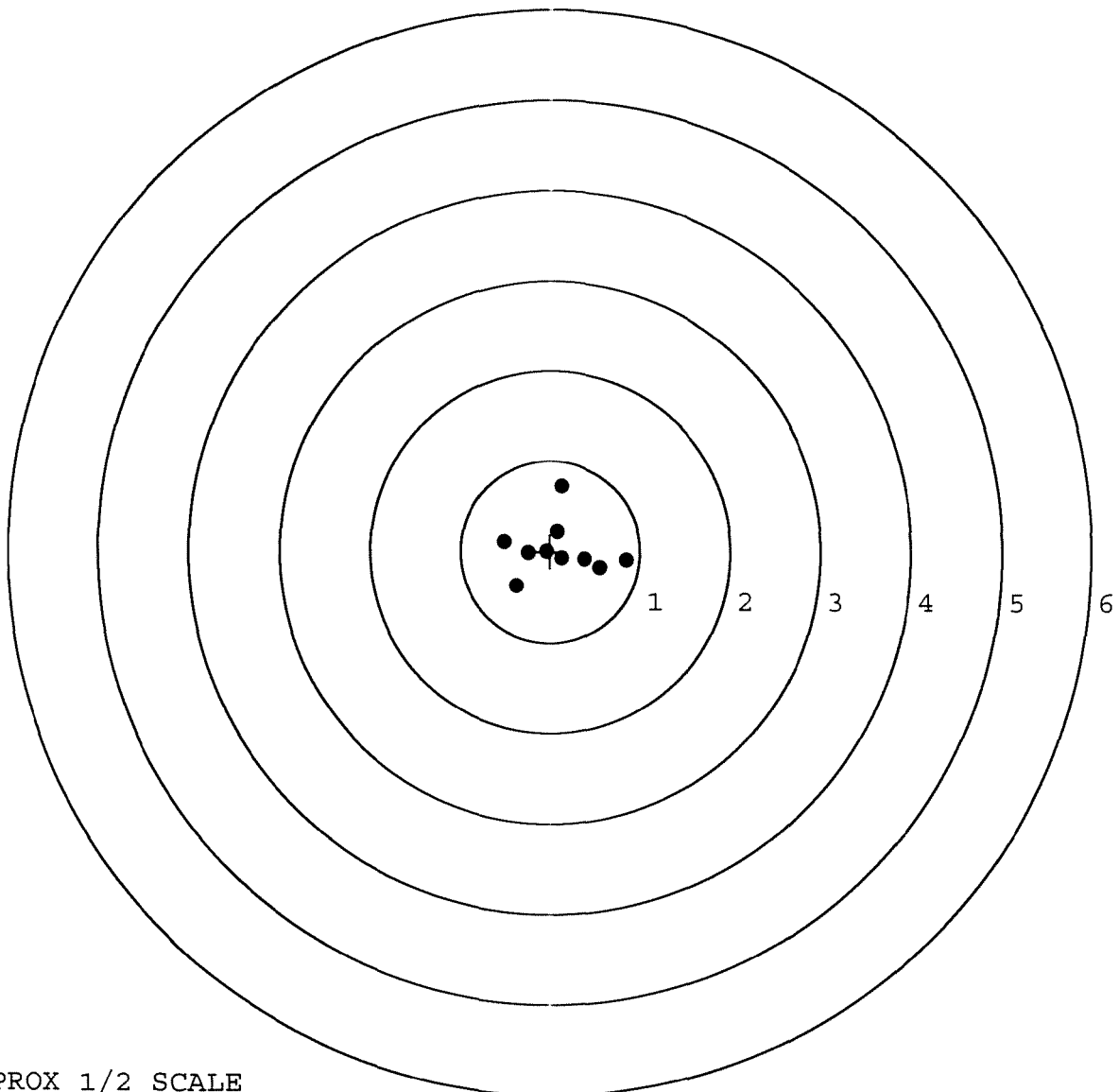
The Average X Centroid of the Five Target Set:	0.074
The Average Y Centroid of the Five Target Set:	-0.039
The Average Point of Impact of the Five Target Set:	0.084
The Average Mean Radius of the Five Target Set:	0.583
The Distance from POA to Centroid Target #1:	0.099
The Distance from Centroid Target #2 to Centroid Target #1:	0.081
The Distance from Centroid Target #3 to Centroid Target #1:	0.126
The Distance from Centroid Target #4 to Centroid Target #1:	0.132
The Distance from Centroid Target #5 to Centroid Target #1:	0.035

BARBER - M24 0035849

SERIAL NUMBER: C6611781. __0
TARGET NUMBER: 1
FILE DATE: 08/19/2009
FILE TIME: 05:59

X CENTROID: 0.096
Y CENTROID: 0.022
POA TO CENTROID: 0.099
HORZ SPREAD: 1.358
VERT SPREAD: 1.090
GROUP SPREAD: 1.374
MIN RADIUS: 0.107
MAX RADIUS: 0.762
MEAN RADIUS: 0.429
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.130	0.715
2:	0.849	-0.096
3:	0.556	-0.174
4:	0.389	-0.081
5:	0.083	0.219
6:	0.133	-0.079
7:	-0.045	-0.005
8:	-0.379	-0.375
9:	-0.245	-0.020
10:	-0.509	0.113



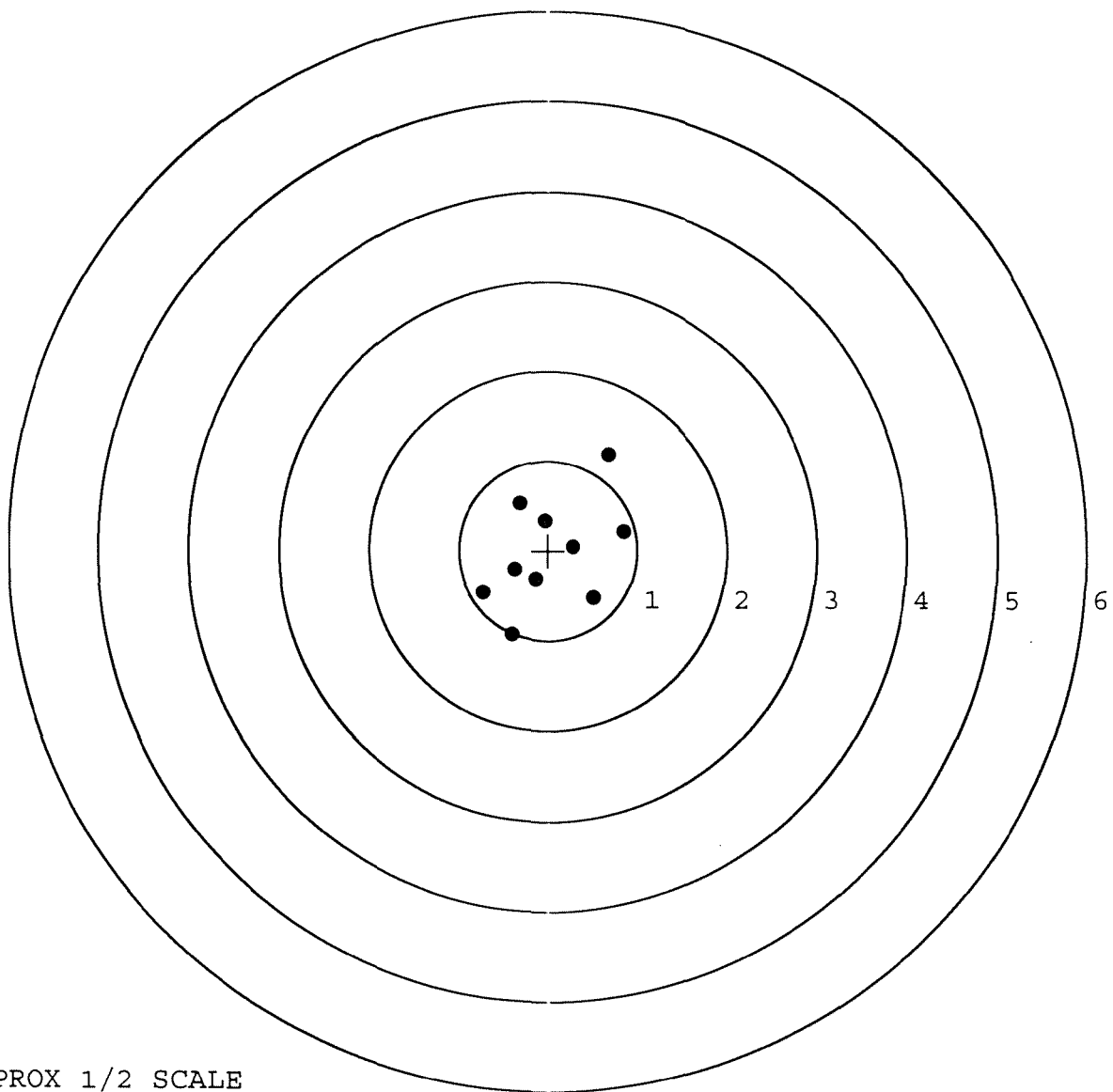
TARGET APPROX 1/2 SCALE

BARBER - M24 0035850

SERIAL NUMBER: C6611781. __0
TARGET NUMBER: 2
FILE DATE: 08/19/2009
FILE TIME: 05:59

X CENTROID: 0.034
Y CENTROID: -0.030
POA TO CENTROID: 0.045
HORZ SPREAD: 1.577
VERT SPREAD: 2.006
GROUP SPREAD: 2.281
MIN RADIUS: 0.258
MAX RADIUS: 1.275
MEAN RADIUS: 0.678
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.681	1.068
2:	0.852	0.213
3:	0.517	-0.528
4:	-0.404	-0.938
5:	-0.725	-0.469
6:	-0.142	-0.326
7:	-0.375	-0.219
8:	0.281	0.043
9:	-0.034	0.327
10:	-0.314	0.526

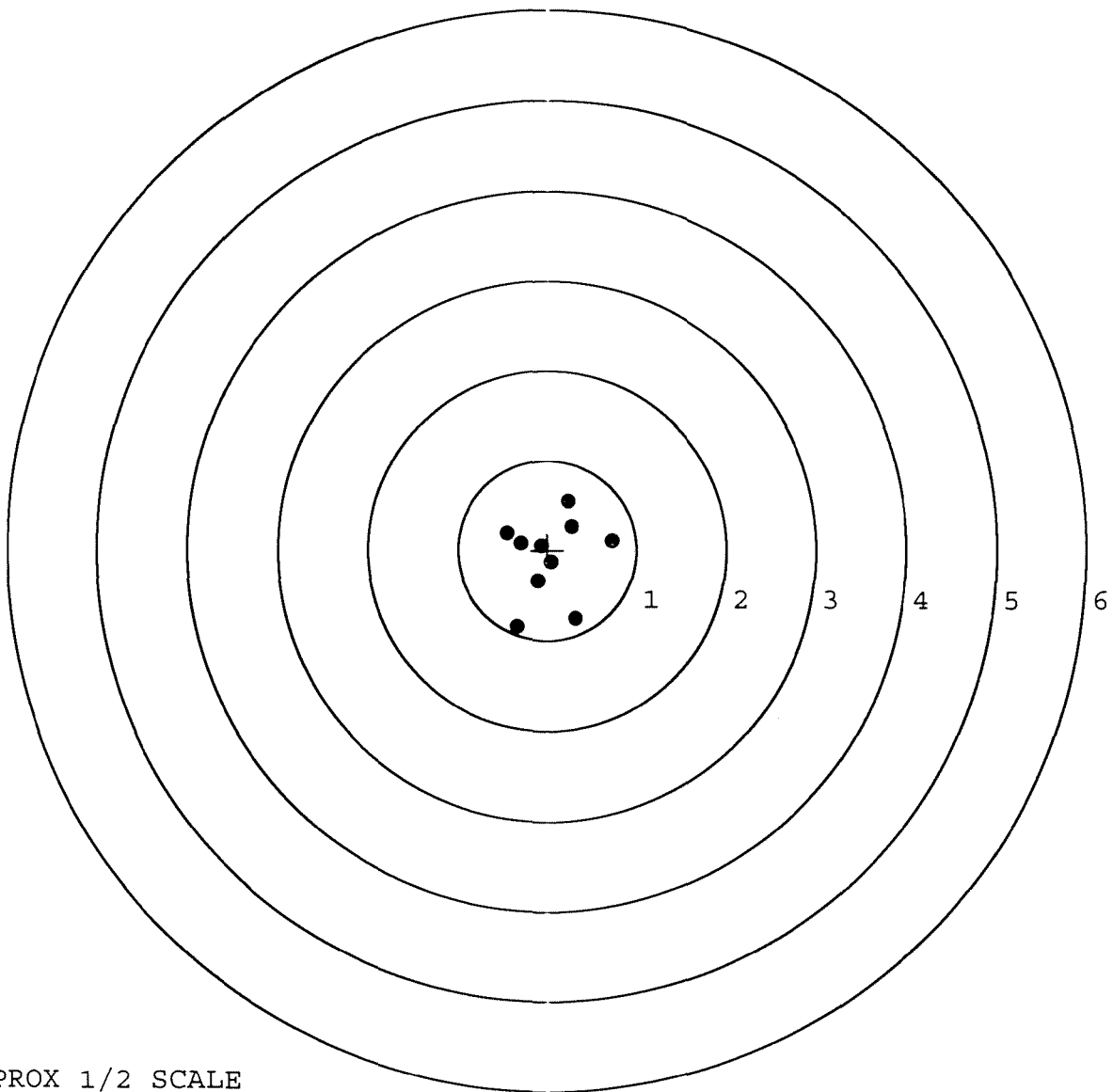


TARGET APPROX 1/2 SCALE

BARBER - M24 0035851

SERIAL NUMBER: C6611781. __0
TARGET NUMBER: 3
FILE DATE: 08/19/2009
FILE TIME: 05:59

	POINT#	X	Y
	1:	-0.336	-0.859
	2:	0.322	-0.766
	3:	0.730	0.104
	4:	0.238	0.544
X CENTROID:	5:	0.276	0.261
Y CENTROID:	6:	-0.105	-0.351
POA TO CENTROID:	7:	0.043	-0.135
HORZ SPREAD:	8:	-0.073	0.049
VERT SPREAD:	9:	-0.297	0.076
GROUP SPREAD:	10:	-0.451	0.192
MIN RADIUS:		0.047	
MAX RADIUS:		0.855	
MEAN RADIUS:		0.485	
# IN 1 IN DIAMETER:		5	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



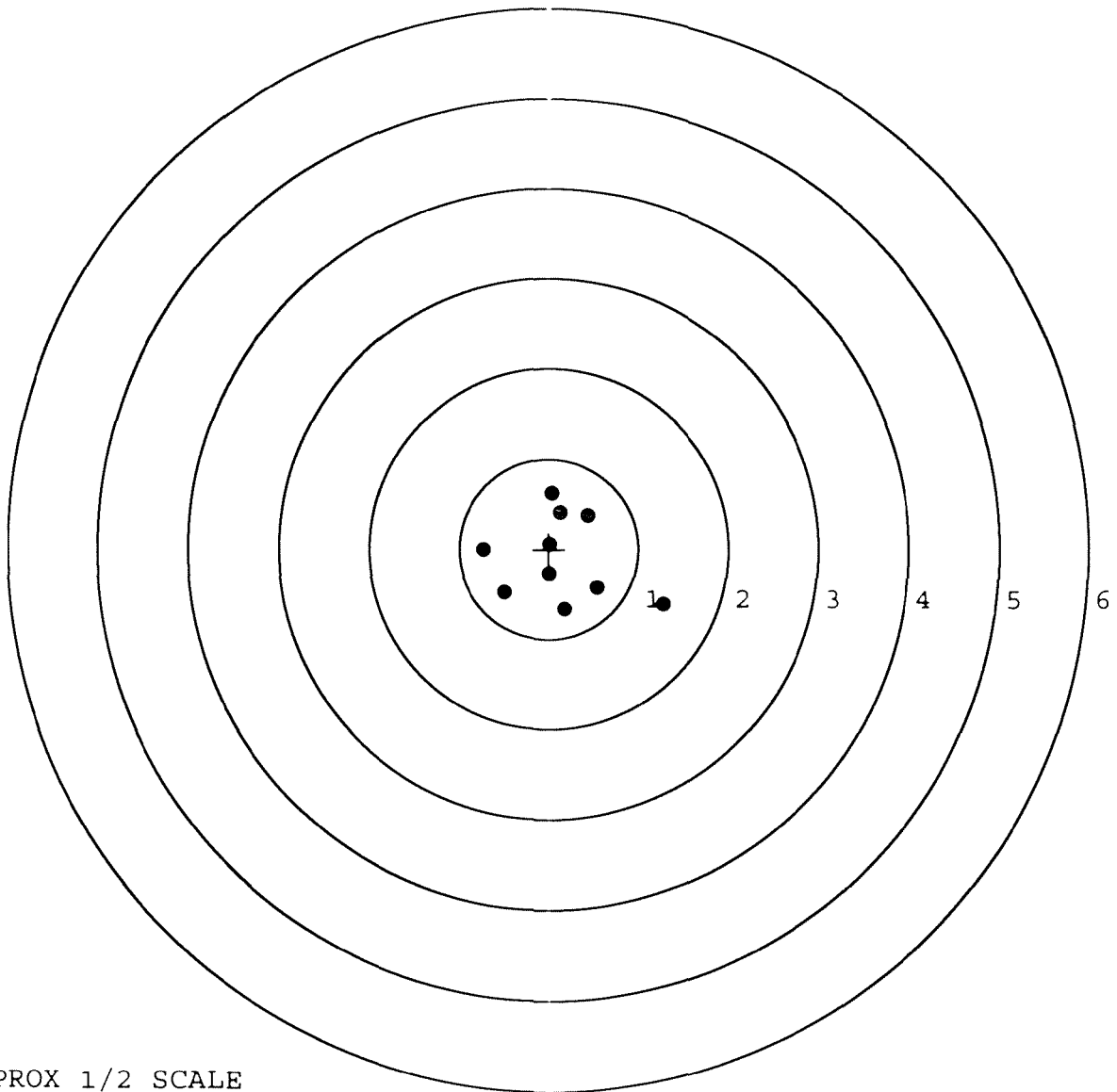
TARGET APPROX 1/2 SCALE

BARBER - M24 0035852

SERIAL NUMBER: C6611781. __0
TARGET NUMBER: 4
FILE DATE: 08/19/2009
FILE TIME: 05:59

X CENTROID: 0.141
Y CENTROID: -0.103
POA TO CENTROID: 0.175
HORZ SPREAD: 2.010
VERT SPREAD: 1.288
GROUP SPREAD: 2.101
MIN RADIUS: 0.205
MAX RADIUS: 1.253
MEAN RADIUS: 0.619
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.283	-0.620
2:	0.547	-0.429
3:	0.185	-0.667
4:	-0.492	-0.482
5:	-0.727	-0.010
6:	0.000	-0.278
7:	0.011	0.055
8:	0.444	0.375
9:	0.035	0.621
10:	0.128	0.409



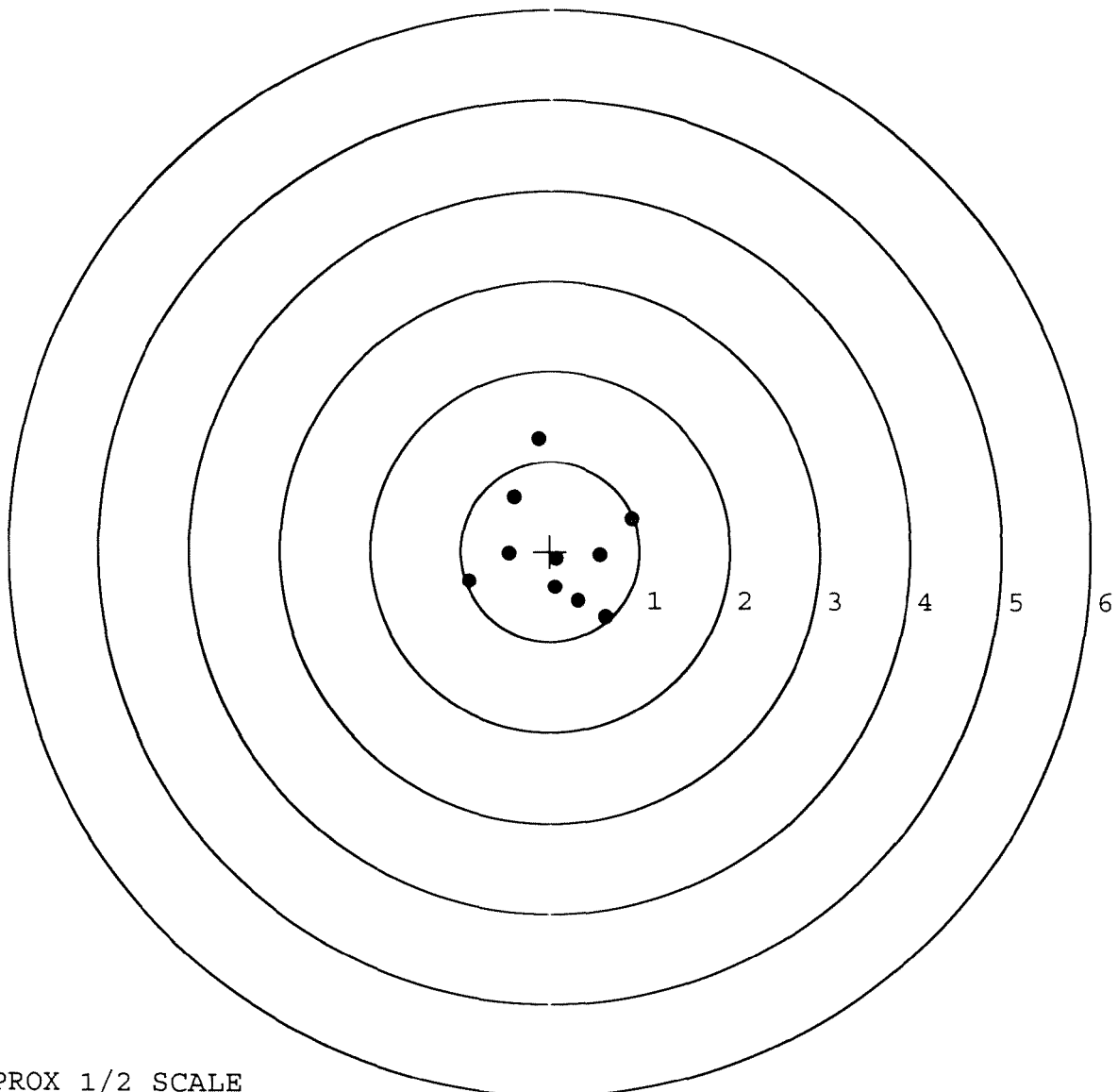
TARGET APPROX 1/2 SCALE

BARBER - M24 0035853

SERIAL NUMBER: C6611781. __0
TARGET NUMBER: 5
FILE DATE: 08/19/2009
FILE TIME: 05:59

X CENTROID: 0.065
Y CENTROID: 0.005
POA TO CENTROID: 0.066
HORZ SPREAD: 1.811
VERT SPREAD: 1.983
GROUP SPREAD: 2.122
MIN RADIUS: 0.090
MAX RADIUS: 1.260
MEAN RADIUS: 0.702
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.131	1.250
2:	-0.404	0.604
3:	-0.454	-0.020
4:	-0.900	-0.335
5:	0.911	0.366
6:	0.561	-0.036
7:	0.624	-0.733
8:	0.317	-0.556
9:	0.060	-0.405
10:	0.070	-0.085



TARGET APPROX 1/2 SCALE

BARBER - M24 0035855 SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50#+.50#
3.00#+.75#
4.00#+1.00#

SERIAL NO. C6611781
DATE 6-10-96
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.55	2.34	2.56	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.36	2.59	
PULL #3	2.70	2.40	2.51	
PULL #4	2.44	2.40	2.48	
PULL #5	2.37	2.27	2.52	
TOTAL	12.65	11.77	12.66	
AVG.	2.53	2.35	2.53	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.03		
PULL #2	3.13	3.12		
PULL #3	3.20	3.00		
PULL #4	3.25	3.15		
PULL #5	3.24	3.13		
TOTAL	16.02	15.43		
AVG.	3.20	3.08		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	3.89		4.16
PULL #2	4.09	3.89		4.00
PULL #3	4.03	4.02		4.16
PULL #4	4.05	4.00		4.08
PULL #5	4.13	4.05		4.00
TOTAL	20.32	19.85		20.40
AVG.	4.06	3.97		4.08

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 08611781
16 Apr 1988

CENTROIDAL DISTANCES

0 TO	1	.363352
1 TO	2	.302035
1 TO	3	.219545
1 TO	4	.331217
1 TO	5	.216689

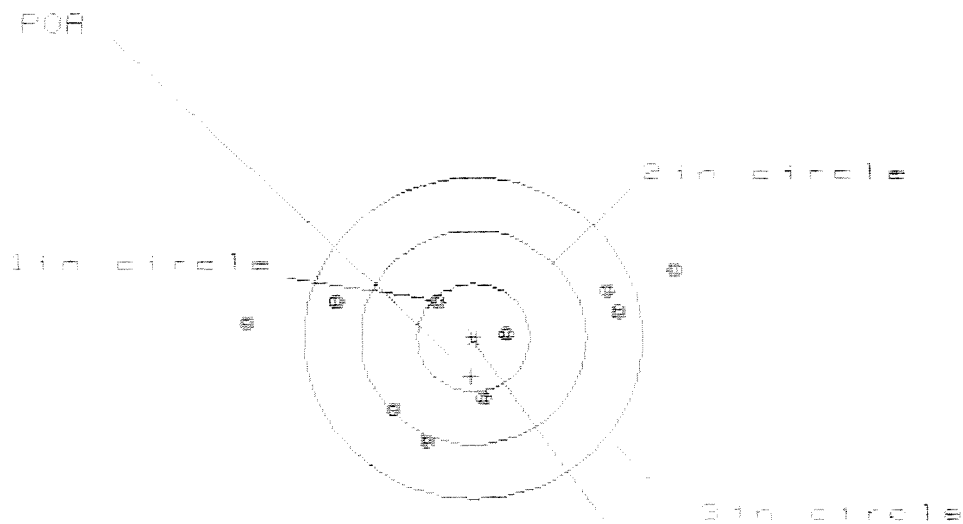
31.4
+
-----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1004
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3462
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .360464
THE AMR FOR THIS RIFLE IS: 1.034

16 Apr 1986

FILE: \PATTERNING\CENTERFIRE_PATT\06611781

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS = 3.837

VS = 1.585

GS = 3.871

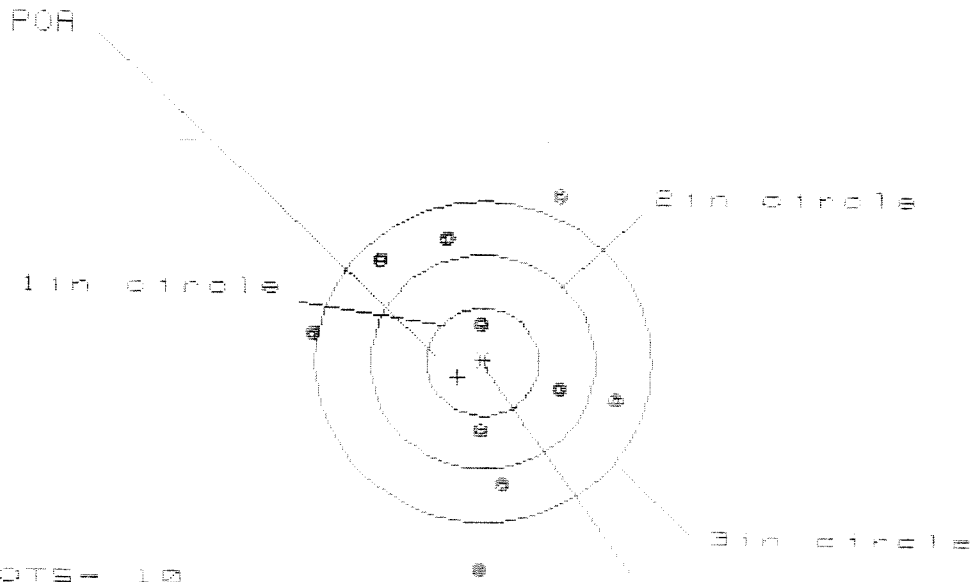
POID +

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.820	1.596	1.231
MINIMUM X	:	-2.017	-1.425	-1.236
MAXIMUM Y	:	.652	.668	.539
MINIMUM Y	:	-.933	-.917	-.834
CENTROID X	:	.016	.240	.041
CENTROID Y	:	.363	.347	.264
POA TO CENTROID in.	:	.363	.422	.267
MIN RADIUS	:	.329	.121	.336
MEAN RADIUS	:	1.114	.996	.891
MAX RADIUS	:	2.022	1.730	1.308
HORIZONTAL SPREAD	:	3.837	3.021	2.457
VERTICAL SPREAD	:	1.585	1.585	1.373
EXTREME SPREAD	:	3.871	3.037	2.460
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			8	

16 Apr 1968

FILE: \PATTERNING\CENTERFIRE_PATT\08611781

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS = 3.667

VS = 3.473

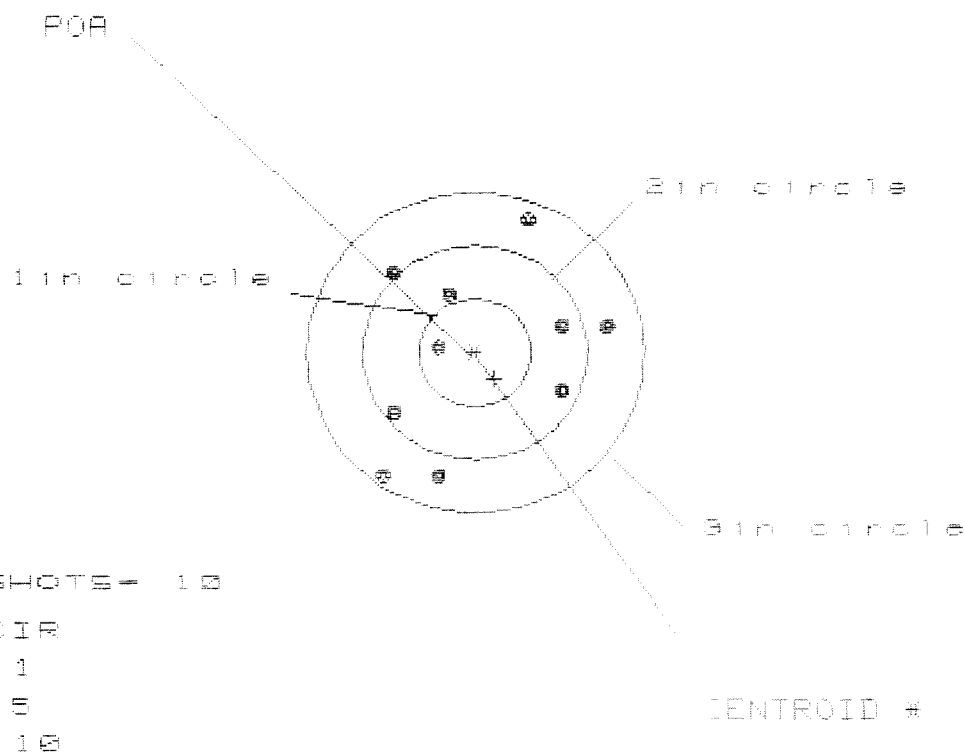
GS = 3.541

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.197	1.197	1.283
MINIMUM X	:	-1.500	-1.500	-1.414
MAXIMUM Y	:	1.530	1.314	1.071
MINIMUM Y	:	-1.943	-1.317	-1.153
CENTROID X	:	.224	.224	.138
CENTROID Y	:	.144	.360	.196
POA TO CENTROID in.	:	.267	.424	.240
MIN RADIUS	:	.335	.120	.301
MEAN RADIUS	:	1.165	1.058	1.007
MAX RADIUS	:	1.943	1.501	1.426
HORIZONTAL SPREAD	:	2.697	2.697	2.697
VERTICAL SPREAD	:	3.473	2.631	2.224
EXTREME SPREAD	:	3.541	2.750	2.750
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

16 Apr 1988

FILE: /PATTERNING/CENTERFIRE_PATT/C8811781

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 3.004

VS = 2.441

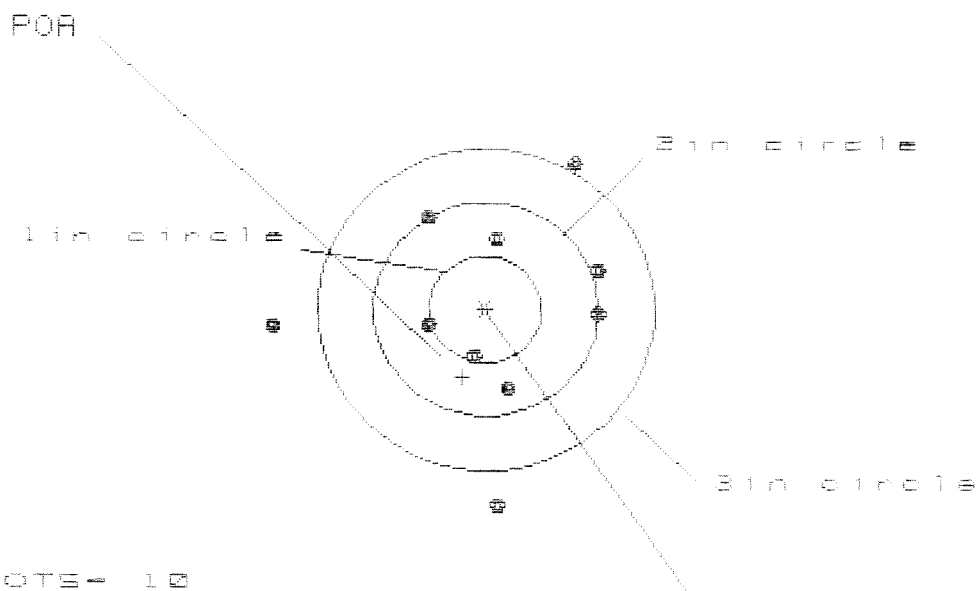
GS = 2.787

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.161	1.067	1.118
MINIMUM X	-.843	-.809	-.756
MAXIMUM Y	1.293	1.165	.739
MINIMUM Y	-1.148	-1.242	-1.096
CENTROID X	-.174	-.080	-.131
CENTROID Y	.253	.381	.235
POA TO CENTROID in.	.387	.389	.269
MIN RADIUS	.362	.461	.406
MEAN RADIUS	.969	.910	.863
MAX RADIUS	1.425	1.317	1.163
HORIZONTAL SPREAD	2.004	1.876	1.876
VERTICAL SPREAD	2.441	2.407	1.835
EXTREME SPREAD	2.787	2.552	2.014
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8611781

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 2.877

VS= 3.174

GS= 3.263

CENTROID #

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.993	.784	.763
MINIMUM X	-1.884	-1.755	-1.776
MAXIMUM Y	1.366	1.351	1.123
MINIMUM Y	-1.808	-1.823	-1.823
CENTROID X	.205	.414	.414
CENTROID Y	.635	.654	.654
POA TO CENTROID in.	.668	.771	.988
MIN RADIUS	.402	.512	.463
MEAN RADIUS	1.070	.972	.851
MAX RADIUS	1.889	1.831	1.261
HORIZONTAL SPREAD	2.877	1.539	1.539
VERTICAL SPREAD	3.174	3.174	2.148
EXTREME SPREAD	3.263	3.263	2.237
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

16 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06811781

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 9

HS = 2.703

VS = 1.823

GS = 2.771

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.030	.845	.905
MINIMUM X	-1.672	-1.157	.051
MAXIMUM Y	.908	.941	.708
MINIMUM Y	-.915	-.882	.750
CENTROID X	.231	.416	
CENTROID Y	.336	.380	.185
POA TO CENTROID in.	.407	.515	.362
MIN RADIUS	.323	.274	.163
MEAN RADIUS	.850	.742	.664
MAX RADIUS	1.699	1.265	1.055
HORIZONTAL SPREAD	2.703	2.002	1.957
VERTICAL SPREAD	1.823	1.823	1.492
EXTREME SPREAD	2.771	2.302	1.963
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611781

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	6	6	6			6/24/96	WB
	G) Safety Off Force	3	3	3			6/24/96	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	2.63	2.74	2.67	2.62	2.69	6/20/96	WB
	C) Function							
660	Pack							

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

MODEL 700TM M24

SERIAL NO. C6611781

ORDER NO. 5716

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

20



5716 C6611781

UPC



0 47700 25716 7

GUN SERIAL #

C6611781

CKM
RC

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/22/91	KS
600	Proof		1/22/91	KS
607	Check Headspace		1/22/91	KS
610	Dis-assemble Gun		1/22/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	2 2	91	EB
618	Polish Barrel RBB	2 2	91	WB
620	Apply Coatings (Barrel Action)		2-11-91	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/18/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	KA
	C) Inspect Ejector Hole for Chamfer		2/18/91	KA
	D) Oil Firing Pin Ass'y		2/18/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/20/91	JK

op. #	BARBER M24 0035866	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/4	4	4			2-21-91	DH
	G) Safety Off Force	3	2 1/2	2 1/2			2-21-91	DH
	H) Trigger Pull Test & Retainability						2/20/91	PH
	I) Firing Pin Indent	.021	.0215	.0215			2-21-91	DH
	J) Assemble Stock						2/26/91	WB
	K) Assemble Swivel Studs						3/2/91	WB
	L) Attach Front and Rear Sight Assemblies						2/26/91	WB
	M) Iron Sight Alignment						2/26/91	WB
	N) Detach Front & Rear Sights & place in numbered container						2/26/91	WB
	O) Attach Scope to Rifle						2/26/91	WB
	P) Detach & Attach Scope 20 Times						2/26/91	WB
640	Gallery Target & Test						2/26/91	AC
	A) Time						"	AC
	B) Malfunctions	ROUGH CHAMBER - REPAIRED					"	AC
	C) Pierced Primers						"	AC
	D) Optical Clarity of Scope						"	AC
645	Inspect for Live Ammo						2/26/91	AC
655	Final Inspection						2/26/91	WB
	A) Headspace						2/26/91	WB
	B) Trigger Pull	2.25	2.27	2.44	2.39	2.39	3-2-91	PH
	C) Function						2/26/91	WB
660	Pack						3-15-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06611781

DATE 2/20/91

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.37	2.30	2.25	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.32	2.27	2.27	
PULL #3	2.53	2.31	2.30	2.44	
PULL #4	2.38	2.38	2.29	2.39	
PULL #5	2.24	2.28	2.30	2.39	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.49		
PULL #2	3.28	3.37		
PULL #3	3.19	3.29		
PULL #4	3.50	3.14		
PULL #5	3.52	3.24		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.47		4.39
PULL #2	4.39	4.50		4.43
PULL #3	4.38	4.38		4.21
PULL #4	4.20	4.54		4.49
PULL #5	4.40	4.39		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611781
1 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.146322
1 TO	2	.423001
1 TO	3	.50948
1 TO	4	.261354
1 TO	5	.313359

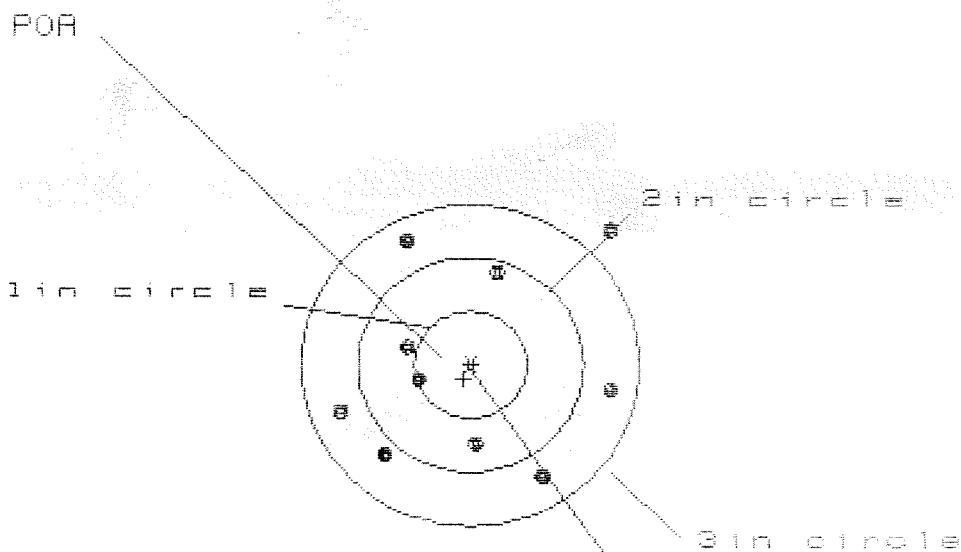
46 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3286
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .031
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .330059
THE AMR FOR THIS RIFLE IS: .9658

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08611781

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 2.371

VS = 2.283

GS = 2.900

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.242	1.355	1.307
MINIMUM X	:	-1.129	-0.992	-1.040
MAXIMUM Y	:	1.221	1.320	1.150
MINIMUM Y	:	-1.062	-0.926	-0.761
CENTROID X	:	.061	-0.076	-0.028
CENTROID Y	:	.133	-0.003	-0.168
POA TO CENTROID in.	:	.147	.076	.170
MIN RADIUS	:	.482	.329	.415
MEAN RADIUS	:	1.052	.937	.872
MAX RADIUS	:	1.741	1.376	1.308
HORIZONTAL SPREAD	:	2.371	2.347	2.347
VERTICAL SPREAD	:	2.283	2.246	1.911
EXTREME SPREAD	:	2.900	2.526	2.355
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		

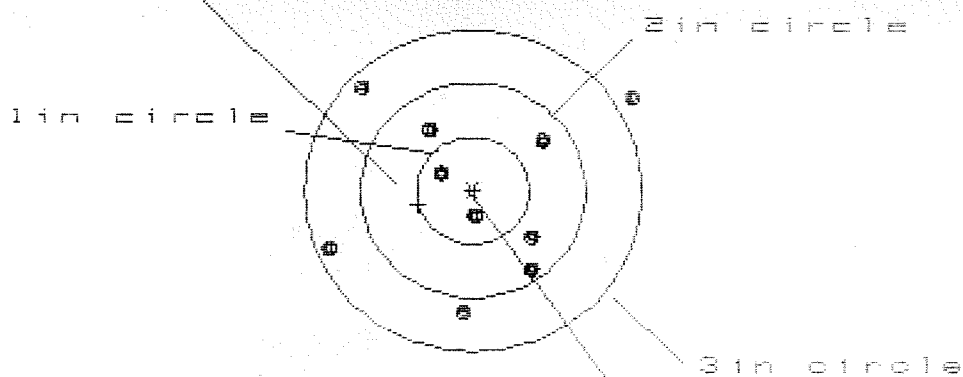
1 Mar 1991

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CENTERFIRE PATTERNS

2

POA



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.707

VS = 2.088

GS = 3.033

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.408	.765	.656
MINIMUM X	:	-1.299	-1.142	-1.251
MAXIMUM Y	:	.974	1.069	.803
MINIMUM Y	:	-1.114	-1.019	-.885
CENTROID X	:	.484	.327	.436
CENTROID Y	:	.132	.037	-.097
POA TO CENTROID in.	:	.501	.329	.447
MIN RADIUS	:	.278	.234	.062
MEAN RADIUS	:	.915	.827	.729
MAX RADIUS	:	1.649	1.378	1.282
HORIZONTAL SPREAD	:	2.707	1.907	1.907
VERTICAL SPREAD	:	2.088	2.088	1.688
EXTREME SPREAD	:	3.033	2.306	2.133
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611781

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 3

2in = 4

3in = 10

HS= 2.377

VS= 2.590

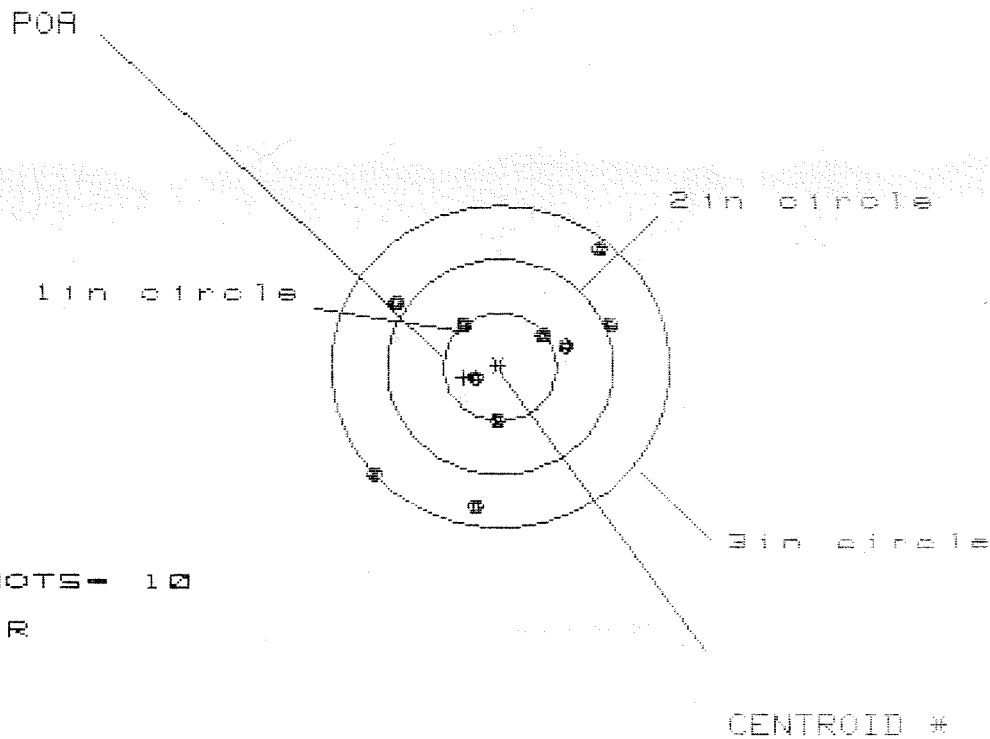
GS= 2.637

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.331	1.356	1.423
MINIMUM X	:	-1.046	-1.021	-.851
MAXIMUM Y	:	1.137	.976	.973
MINIMUM Y	:	-1.453	-.645	-.648
CENTROID X	:	.512	.487	.317
CENTROID Y	:	-.104	.057	.060
POA TO CENTROID in.	:	.522	.490	.323
MIN RADIUS	:	.283	.135	.215
MEAN RADIUS	:	.956	.865	.782
MAX RADIUS	:	1.470	1.386	1.542
HORIZONTAL SPREAD	:	2.377	2.377	2.274
VERTICAL SPREAD	:	2.590	1.621	1.621
EXTREME SPREAD	:	2.637	2.381	2.316
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Mar 1991

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in - 2

2in - 5

3in - 9

HS - 2.121

VS - 2.366

GS - 2.906

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.987	.861	.953
MINIMUM X	:	-1.134	-1.051	-.959
MAXIMUM Y	:	1.076	.961	.573
MINIMUM Y	:	-1.290	-1.405	-1.285
CENTROID X	:	.320	.446	.354
CENTROID Y	:	.098	.212	.092
POA TO CENTROID in.	:	.335	.494	.366
MIN RADIUS	:	.219	.304	.250
MEAN RADIUS	:	.877	.789	.732
MAX RADIUS	:	1.535	1.442	1.306
HORIZONTAL SPREAD	:	2.121	1.912	1.912
VERTICAL SPREAD	:	2.366	2.366	1.858
EXTREME SPREAD	:	2.906	2.593	2.082
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611781

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.502

VS = 2.614

GS = 2.769

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.345	1.445	.912
MINIMUM X	:	-1.157	-1.057	-.877
MAXIMUM Y	:	1.268	1.118	1.134
MINIMUM Y	:	-1.346	-1.243	-1.227
CENTROID X	:	.266	.166	-.014
CENTROID Y	:	-.104	.046	.030
POA TO CENTROID in.	:	.285	.173	.034
MIN RADIUS	:	.295	.321	.259
MEAN RADIUS	:	1.029	.955	.884
MAX RADIUS	:	1.618	1.450	1.255
HORIZONTAL SPREAD	:	2.502	2.502	1.789
VERTICAL SPREAD	:	2.614	2.361	2.361
EXTREME SPREAD	:	2.769	2.677	2.419
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	