

06611470

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Flash Sup
B: Pool

Serial Number: C6611470

Model: M24 SWS



RE00160768

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

1602108

SERIAL NUMBER

C66611420

LOG-IN DATE

2-2-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-12-09	RT
505	RE-BARREL	2-13-09	RT
420	ASSEMBLE	2-13-09	RT
440	PROOF	2-13-09	RT
460	CHECK HEADSPACE	2-13-09	RT
470	DIS-ASSEMBLE GUN	2-13-09	RT
480	MAGNAFLUX	2-13-09	RT
510	DRILL AND TAP	2-13-09	RT
500	ROLLMARK CALIBER	2-13-09	RT
520	GOFF BLAST BBL / REC	2-16-09	SC
530 & 540	APPLY COATINGS	2-18	
560	FINAL ASSEMBLY	2-19-09	RT
640	FUNCTION TEST AND	2-19-09	RT
650	TARGET	2-19-09	RT
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-20-09	RT
	A) HEADSPACE	2-20-09	RT
	B) TRIGGER PULL	2-25 2-27 2-25 2-23 2-27 2-19-09	RT
680	F) SAFETY ON FORCE	30 30 30 2-20-09	RT
	G) SAFETY OFF FORCE	60 60 60 2-20-09	RT
	I) FIRING PIN INDENT	.022 .022 .022 2-20-09	RT
690	PACK	2-25-09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611470.__0

FILE DATE AND TIME: 02/19/2009 10:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.027
The Average Y Centroid of the Five Target Set:	0.023
The Average Point of Impact of the Five Target Set:	0.035
The Average Mean Radius of the Five Target Set:	0.522
The Distance from POA to Centroid Target #1:	0.045
The Distance from Centroid Target #2 to Centroid Target #1:	0.326
The Distance from Centroid Target #3 to Centroid Target #1:	0.197
The Distance from Centroid Target #4 to Centroid Target #1:	0.066
The Distance from Centroid Target #5 to Centroid Target #1:	0.109

SERIAL NUMBER: C6611470. 0

TARGET NUMBER: 1

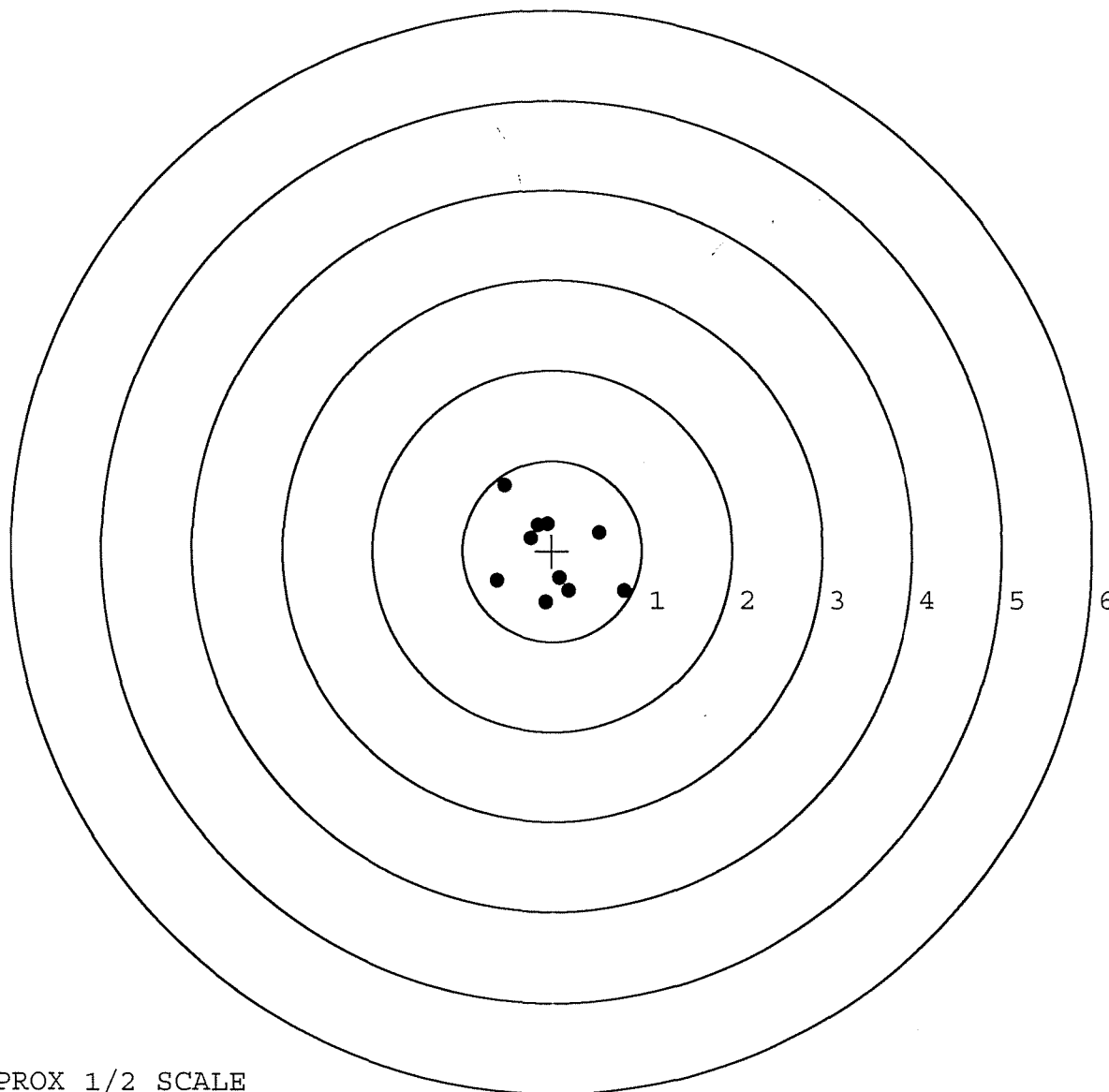
FILE DATE: 02/19/2009

FILE TIME: 10:45

X CENTROID: -0.007
Y CENTROID: -0.044
POA TO CENTROID: 0.045
HORZ SPREAD: 1.421
VERT SPREAD: 1.289
GROUP SPREAD: 1.776
MIN RADIUS: 0.276
MAX RADIUS: 0.928
MEAN RADIUS: 0.537

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.802	-0.453
2:	0.529	0.205
3:	-0.619	-0.338
4:	-0.530	0.722
5:	-0.075	-0.567
6:	0.183	-0.445
7:	0.086	-0.304
8:	-0.052	0.304
9:	-0.154	0.290
10:	-0.240	0.142

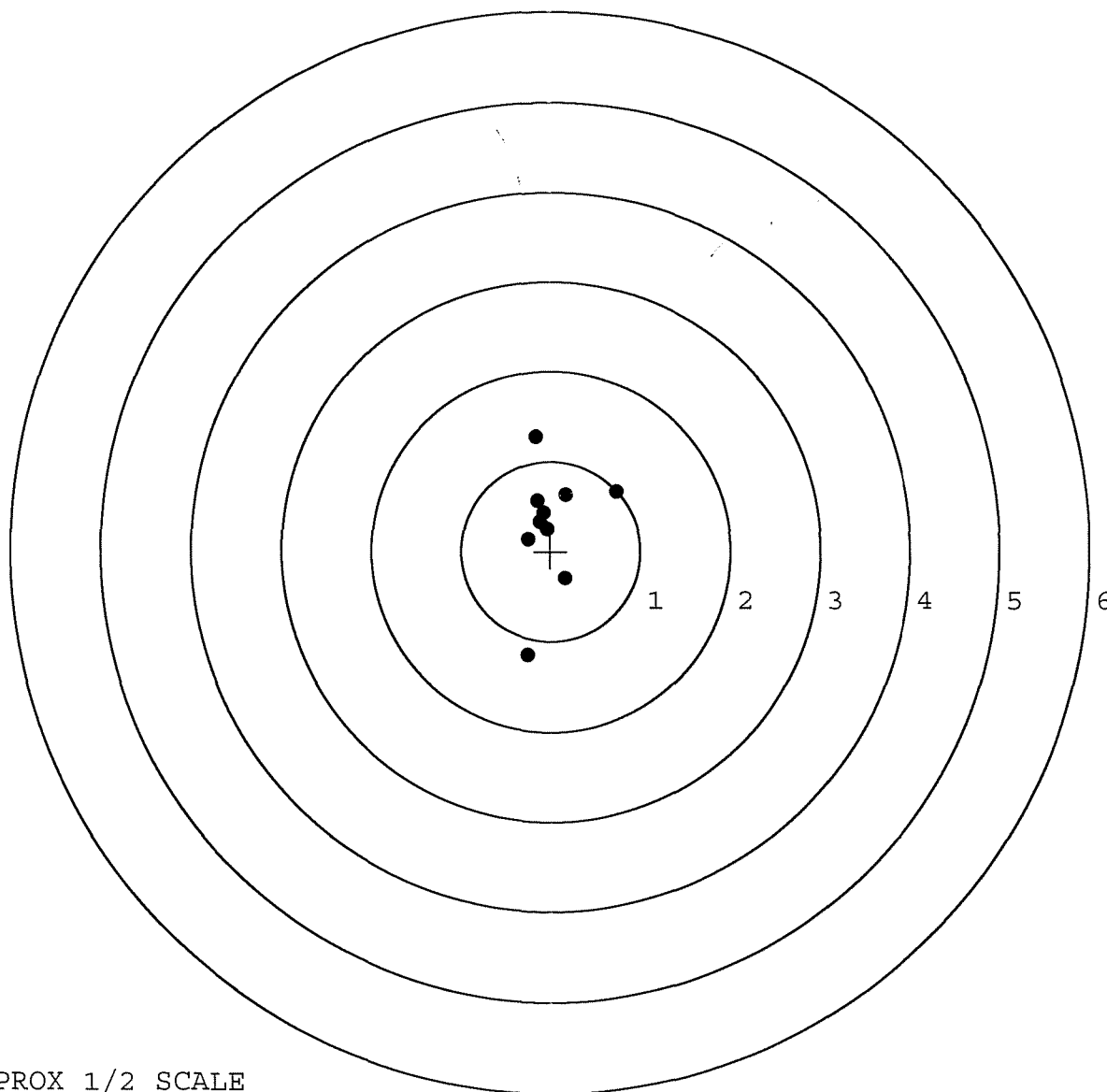


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611470.0
 TARGET NUMBER: 2
 FILE DATE: 02/19/2009
 FILE TIME: 10:45

POINT#	X	Y
1:	-0.260	-1.159
2:	0.164	-0.301
3:	-0.161	1.273
4:	0.740	0.662
5:	0.171	0.631
6:	-0.140	0.565
7:	-0.079	0.431
8:	-0.251	0.139
9:	-0.117	0.328
10:	-0.034	0.249

X CENTROID: 0.003
 Y CENTROID: 0.282
 POA TO CENTROID: 0.282
 HORZ SPREAD: 1.000
 VERT SPREAD: 2.432
 GROUP SPREAD: 2.434
 MIN RADIUS: 0.050
 MAX RADIUS: 1.465
 MEAN RADIUS: 0.525
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611470. 0

TARGET NUMBER: 3

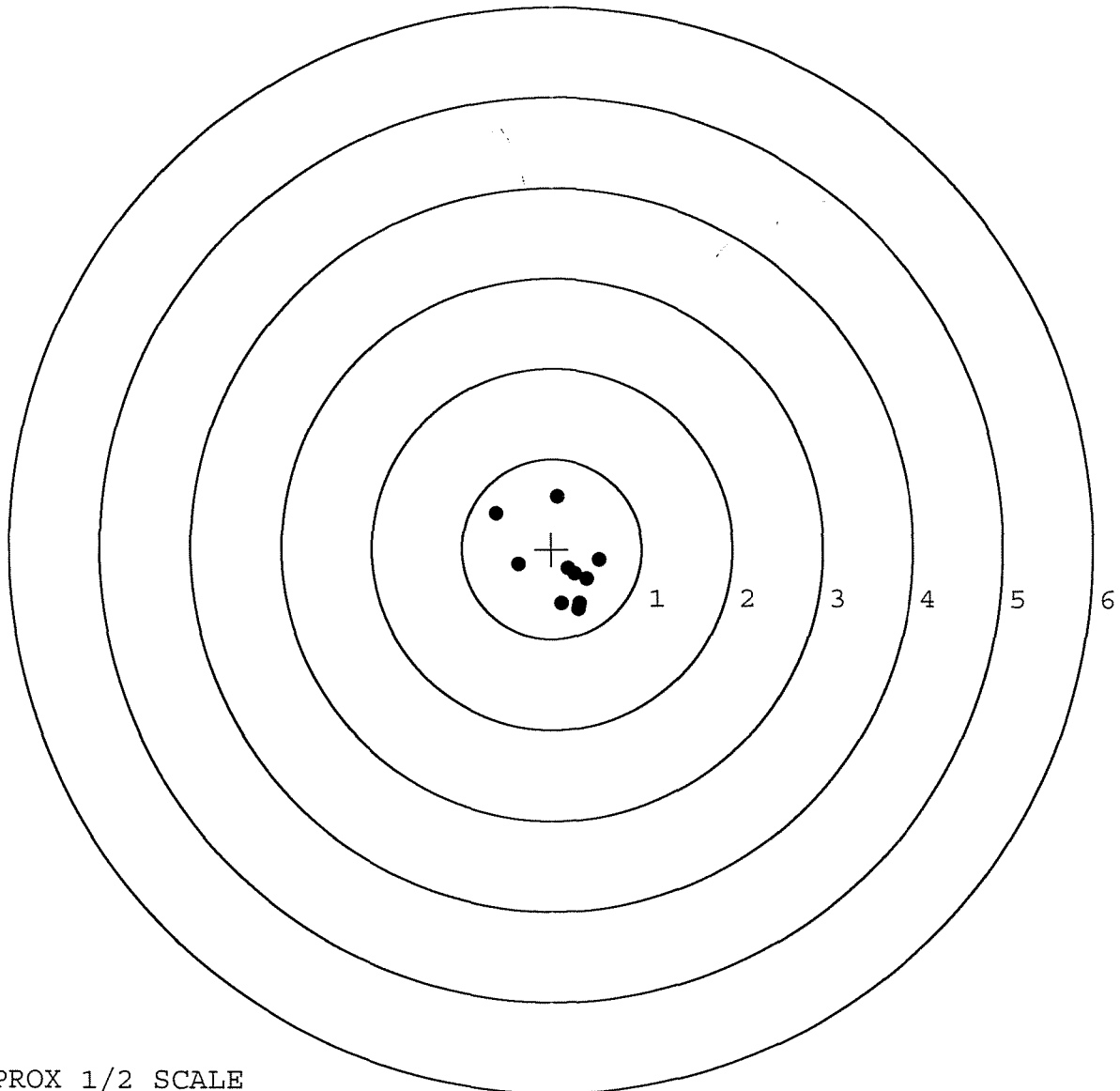
FILE DATE: 02/19/2009

FILE TIME: 10:45

X CENTROID: 0.115
 Y CENTROID: -0.200
 POA TO CENTROID: 0.230
 HORZ SPREAD: 1.157
 VERT SPREAD: 1.255
 GROUP SPREAD: 1.408
 MIN RADIUS: 0.072
 MAX RADIUS: 0.948
 MEAN RADIUS: 0.454

IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.298	-0.670
2:	-0.371	-0.167
3:	0.061	0.585
4:	-0.624	0.394
5:	0.533	-0.117
6:	0.186	-0.211
7:	0.111	-0.608
8:	0.313	-0.605
9:	0.256	-0.267
10:	0.388	-0.329

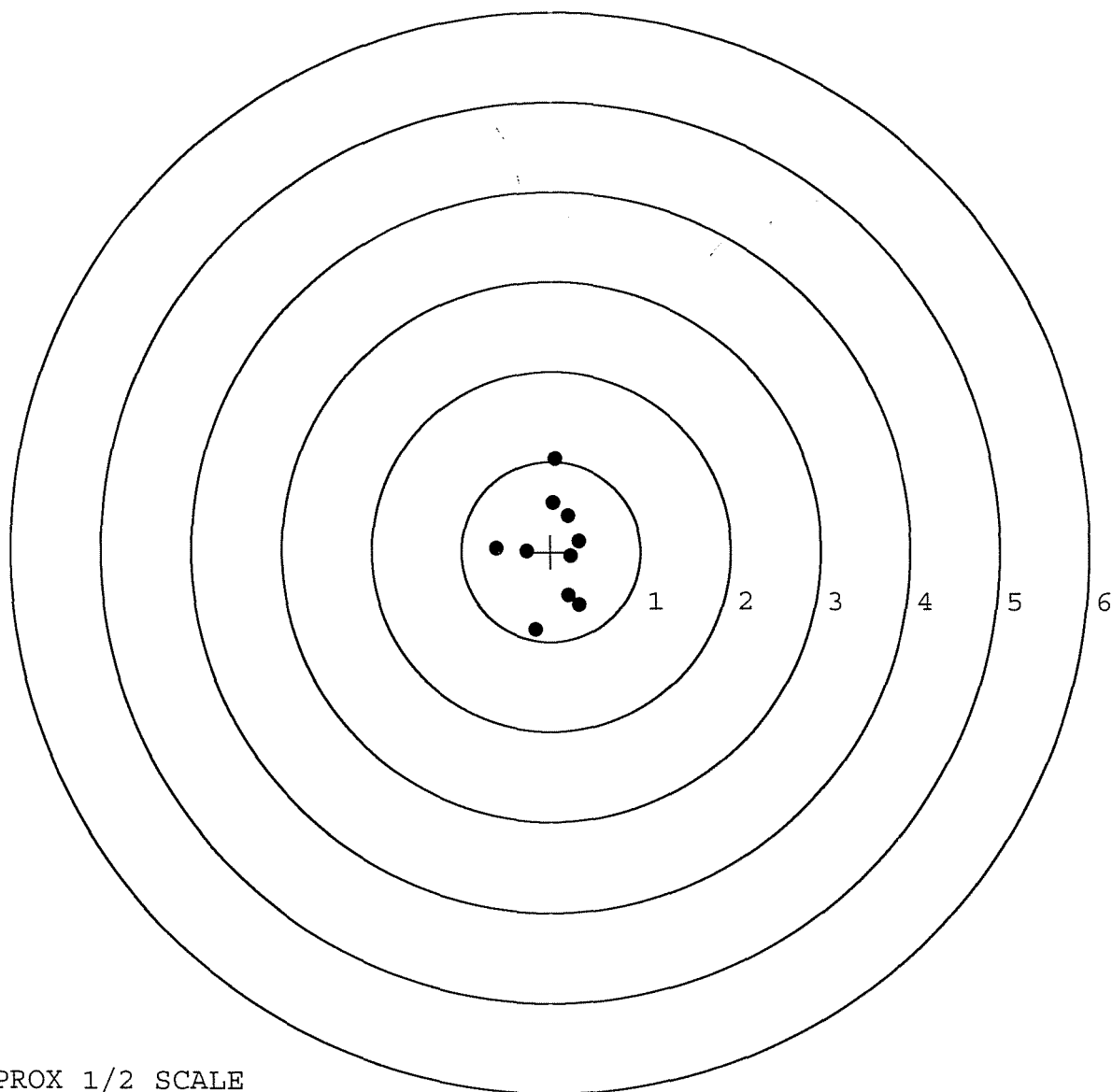


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611470. __0
 TARGET NUMBER: 4
 FILE DATE: 02/19/2009
 FILE TIME: 10:45

X CENTROID: 0.027
 Y CENTROID: 0.012
 POA TO CENTROID: 0.030
 HORZ SPREAD: 0.928
 VERT SPREAD: 1.901
 GROUP SPREAD: 1.914
 MIN RADIUS: 0.206
 MAX RADIUS: 1.018
 MEAN RADIUS: 0.552
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.171	-0.871
2:	-0.268	0.008
3:	0.053	1.030
4:	-0.609	0.034
5:	0.316	-0.598
6:	0.197	-0.488
7:	0.025	0.542
8:	0.188	0.399
9:	0.319	0.117
10:	0.223	-0.051

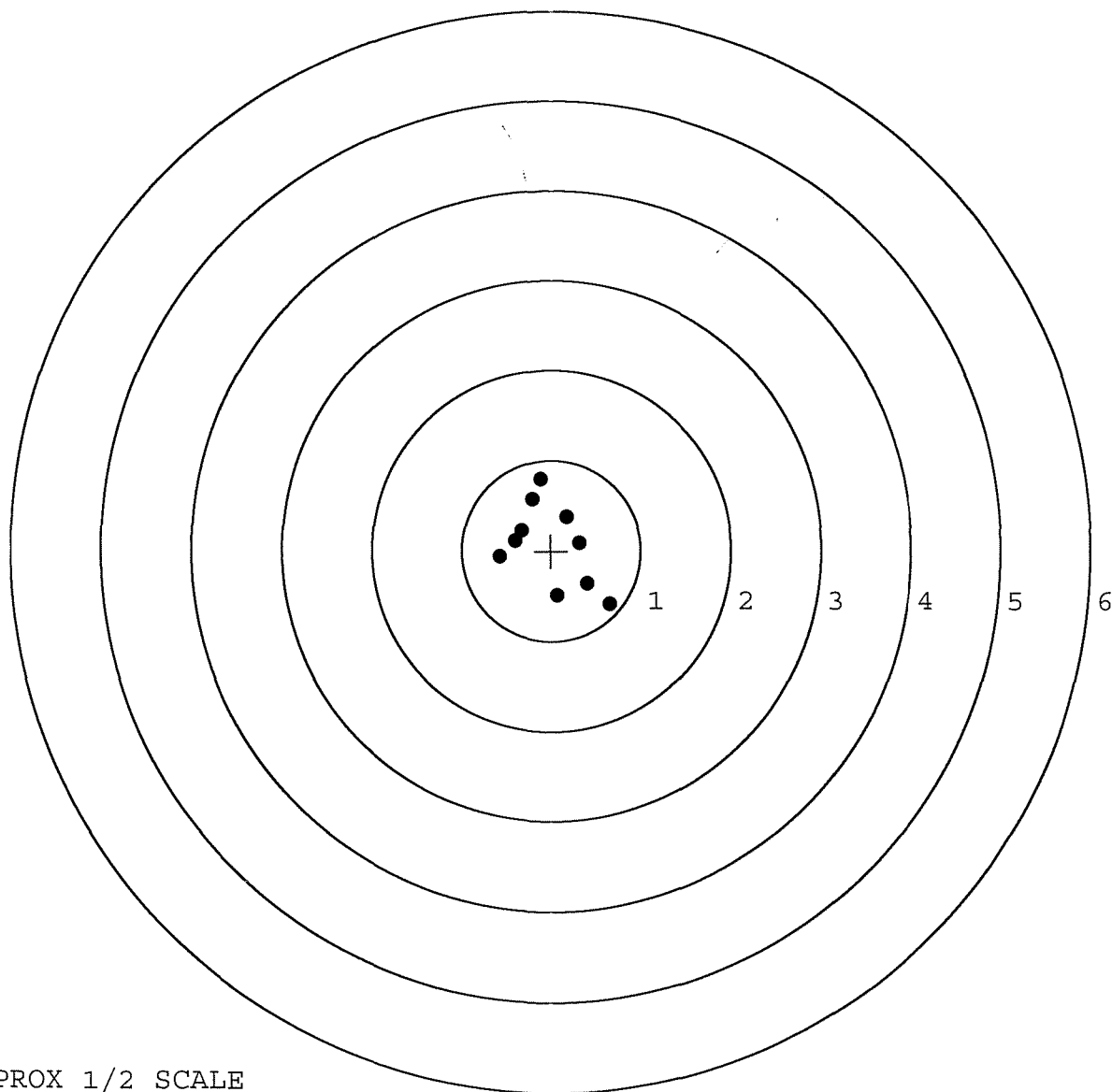


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611470. __0
 TARGET NUMBER: 5
 FILE DATE: 02/19/2009
 FILE TIME: 10:45

X CENTROID: -0.004
 Y CENTROID: 0.065
 POA TO CENTROID: 0.065
 HORZ SPREAD: 1.236
 VERT SPREAD: 1.382
 GROUP SPREAD: 1.588
 MIN RADIUS: 0.323
 MAX RADIUS: 0.929
 MEAN RADIUS: 0.541
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.656	-0.589
2:	0.317	0.091
3:	-0.126	0.793
4:	-0.218	0.571
5:	-0.331	0.221
6:	-0.580	-0.072
7:	-0.403	0.109
8:	0.406	-0.360
9:	0.067	-0.495
10:	0.167	0.377



TARGET APPROX 1/2 SCALE

Remington®



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

MODEL 700™ H24

SERIAL NO.

C6611470

ORDER NO.

5716

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

46



5716 C6611470

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611470

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/13/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		3/27/91	JS
617	Drill and Tap Sight Holes		APR 3 1991	FB
618	Polish Barrel		APR 3 1991	WC
620	Apply Coatings (Barrel Action)		4-18-91	JS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/18/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/18/91	KS
	C) Inspect Ejector Hole for Chamfer		4/18/91	KS
	D) Oil Firing Pin Ass'y		4/18/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/19/91	JS

Op. Number	Task	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	6	6½			4-19-91	DH
	G) Safety Off Force	2½	2½	2¾			4-19-91	DH
	H) Trigger Pull Test & Retainability						4/14/91	98
	I) Firing Pin Indent	.020	.021	.022			4-19-91	DH
	J) Assemble Stock						4/24/91	KS
	K) Assemble Swivel Studs						5-10-91	AC
	L) Attach Front and Rear Sight Assemblies						4/26/91	KS
	M) Iron Sight Alignment						4/26/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/26/91	KS
	O) Attach Scope to Rifle						4/26/91	KS
	P) Detach & Attach Scope 20 Times						4/26/91	KS
640	Gallery Target & Test						4-29-91	DH
	A) Time						4-29-91	DH
	B) Malfunctions						4-29-91	DH
	C) Pierced Primers						4-29-91	DH
	D) Optical Clarity of Scope						4-29-91	DH
645	Inspect for Live Ammo						4-29-91	DH
655	Final Inspection							
	A) Headspace						5-10-91	AC
	B) Trigger Pull	2.53	2.34	2.33	2.42	2.37	5/9/91	98
	C) Function						5-10-91	AC
660	Pack						6-17-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6611470

DATE 4/19/91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.43	2.48	2.53	MIN. SETTING,
PULL #2	2.36	2.56	2.46	2.34	NO AVG. OF 5
PULL #3	2.46	2.38	2.50	2.33	READINGS ACCEPT-
PULL #4	2.46	2.46	2.50	2.47	ABLE LESS THAN 2#
PULL #5	2.42	2.54	2.49	2.37	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.36	3.21			
PULL #2	3.33	3.20			
PULL #3	3.27	3.32			
PULL #4	3.28	3.20			
PULL #5	3.31	3.22			
TOTAL					
AVG.					

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.52		4.33
PULL #2	4.25	4.42		4.43
PULL #3	4.19	4.41		4.41
PULL #4	4.24	4.43		4.34
PULL #5	4.15	4.37		4.39
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611470
29 Apr 1991

CENTROIDAL DISTANCES

0	TO	1	.212002
1	TO	2	.366022
1	TO	3	.0983514
1	TO	4	.223394
1	TO	5	.196888

ts <----POA
E

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2332
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1036
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .255177

THE AMR FOR THIS RIFLE IS: .9348

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611470

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS= 2.792

VS= 2.846

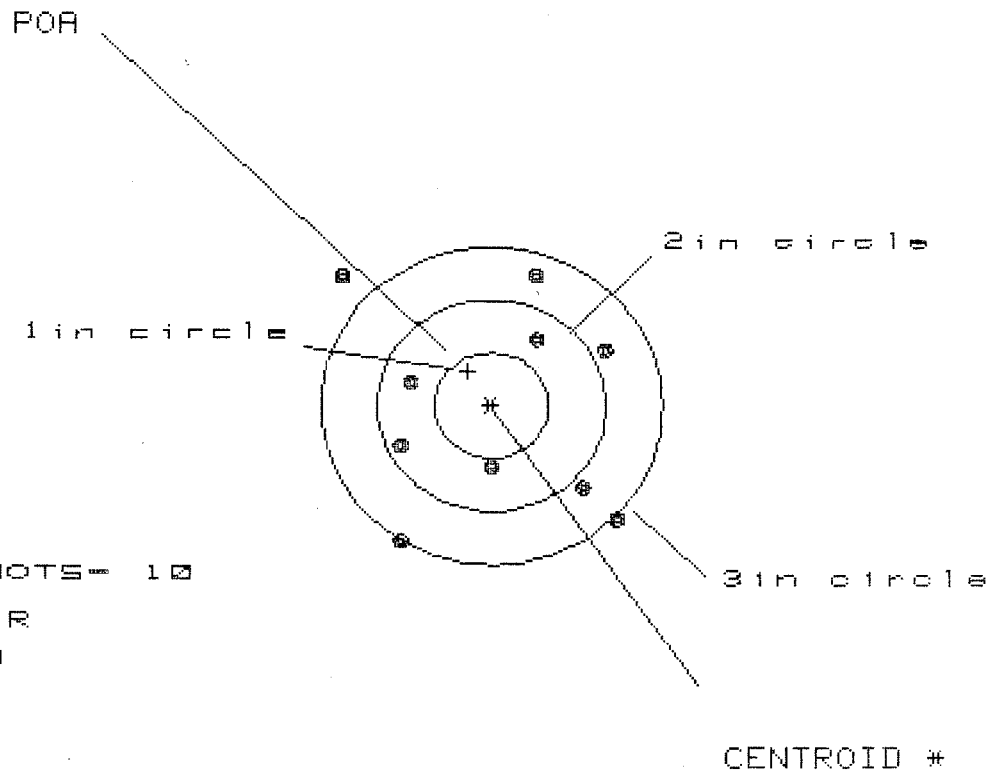
GS= 3.421

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.204	1.027	.981
MINIMUM X	-1.588	-.898	-.944
MAXIMUM Y	1.363	1.218	1.015
MINIMUM Y	-1.483	-1.628	-1.177
CENTROID X	.208	.385	.430
CENTROID Y	.041	.186	.389
POA TO CENTROID in.	.212	.427	.580
MIN RADIUS	.342	.568	.484
MEAN RADIUS	1.179	1.077	.985
MAX RADIUS	2.053	1.668	1.253
HORIZONTAL SPREAD	2.792	1.925	1.925
VERTICAL SPREAD	2.846	2.846	2.192
EXTREME SPREAD	3.421	2.869	2.432
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	9		

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611470

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.348

VS= 2.505

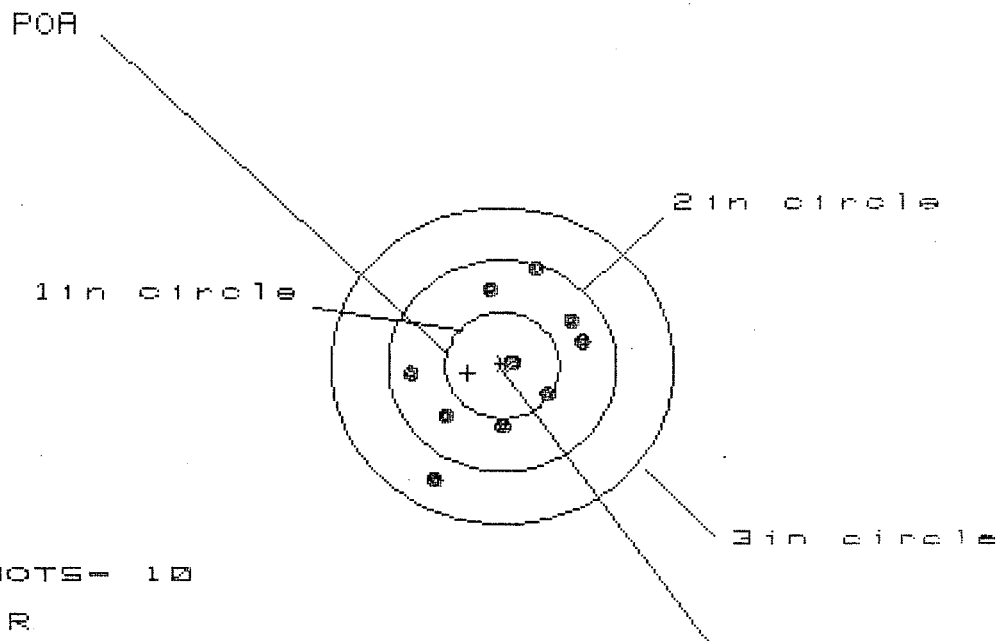
GS= 3.299

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.053	.910	.786
MINIMUM X	:	-1.295	-.991	-1.074
MAXIMUM Y	:	1.268	1.405	1.268
MINIMUM Y	:	-1.237	-1.096	-1.045
CENTROID X	:	.204	.347	.471
CENTROID Y	:	-.325	-.466	-.329
POA TO CENTROID in.	:	.383	.581	.575
MIN RADIUS	:	.547	.432	.607
MEAN RADIUS	:	1.128	1.037	.975
MAX RADIUS	:	1.812	1.478	1.308
HORIZONTAL SPREAD	:	2.348	1.901	1.860
VERTICAL SPREAD	:	2.505	2.501	2.313
EXTREME SPREAD	:	3.299	2.799	2.401
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611470

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS = 1.512

VS = 2.017

GS = 2.190

CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.706	.640	.665
MINIMUM X	-.806	-.872	-.847
MAXIMUM Y	.965	.848	.743
MINIMUM Y	-1.052	-.664	-.557
CENTROID X	.301	.367	.342
CENTROID Y	.073	.190	.084
POA TO CENTROID in.	.310	.413	.352
MIN RADIUS	.085	.060	.052
MEAN RADIUS	.705	.637	.599
MAX RADIUS	1.205	.892	.851
HORIZONTAL SPREAD	1.512	1.512	1.512
VERTICAL SPREAD	2.017	1.512	1.301
EXTREME SPREAD	2.190	1.656	1.540
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611470

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS - 10

IN CIR

1in = 5

2in = 8

3in = 9

HS = .766

VS = 3.322

GS = 3.333

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.295	.243	.212
MINIMUM X	:	-.471	-.302	-.333
MAXIMUM Y	:	1.411	1.199	.786
MINIMUM Y	:	-1.911	-.857	-.708
CENTROID X	:	.151	.203	.234
CENTROID Y	:	-.175	.037	-.112
POA TO CENTROID in.	:	.231	.207	.260
MIN RADIUS	:	.243	.053	.183
MEAN RADIUS	:	.717	.524	.450
MAX RADIUS	:	1.968	1.224	.815
HORIZONTAL SPREAD	:	.766	.545	.545
VERTICAL SPREAD	:	3.322	2.056	1.494
EXTREME SPREAD	:	3.333	2.084	1.512
NUMBER IN ONE INCH CIRCLE	=	5		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611470

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.251

VS= 2.719

GS= 3.079

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.951	1.013	.858
MINIMUM X	:	-1.300	-1.238	-1.210
MAXIMUM Y	:	1.630	.864	.783
MINIMUM Y	:	-1.089	-.908	-.989
CENTROID X	:	.302	.240	.395
CENTROID Y	:	-.132	-.313	-.232
POA TO CENTROID in.	:	.329	.395	.458
MIN RADIUS	:	.272	.146	.170
MEAN RADIUS	:	.945	.853	.771
MAX RADIUS	:	1.721	1.398	1.273
HORIZONTAL SPREAD	:	2.251	2.251	2.068
VERTICAL SPREAD	:	2.719	1.772	1.772
EXTREME SPREAD	:	3.079	2.316	2.143
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		