

C6348896

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

nael	8/17/2009	12:47 PM	CAPS	NUM	INS	SCRL
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Serial Number: C6348896

Model: M24 SWS



RE00172760

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

172760

SERIAL NUMBER

06348896

LOG-IN DATE

8-10-09

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		9-1-09	RTZ
505	RE-BARREL		9-4-09	RTZ
420	ASSEMBLE		9-4-09	RTZ
440	PROOF	MAGNA - FLUX	9-4-09	SPD
460	CHECK HEADSPACE		9-4-09	SPD
470	DIS-ASSEMBLE GUN		9-4-09	SPD
480	MAGNAFLUX	OPERATOR 	9/10/09	SP
510	DRILL AND TAP		9-8-09	SP
500	ROLLMARK CALIBER		9/10/09	SP
520	GOFF BLAST BBL / REC		9/10/09	SP
530 & 540	APPLY COATINGS		9/16	
560	FINAL ASSEMBLY		9-21-09	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	9-21-09	RP
650	TARGET	(PASS) FAIL	9-21-09	RP
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-21-09	SPD
670	FINAL INSPECTION A) HEADSPACE	(PASS) FAIL	9/22/09	SP
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.41 2.59 2.41 2.59 2.42 9-22-09		TC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 2 LBS MIN	2° 2° 2°	
	G) SAFETY OFF FORCE		12° 12° 12°	
	I) FIRING PIN INDENT	.020	.022 .023 .023	
690	PACK		9/24/09	Em

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348896.___0

FILE DATE AND TIME: 09/22/2009 07:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	0.016
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	0.626
The Distance from POA to Centroid Target #1:	0.145
The Distance from Centroid Target #2 to Centroid Target #1:	0.358
The Distance from Centroid Target #3 to Centroid Target #1:	0.174
The Distance from Centroid Target #4 to Centroid Target #1:	0.356
The Distance from Centroid Target #5 to Centroid Target #1:	0.153

SERIAL NUMBER: C6348896. __0

TARGET NUMBER: 1

FILE DATE: 09/22/2009

FILE TIME: 07:19

X CENTROID: 0.078

Y CENTROID: -0.122

POA TO CENTROID: 0.145

HORZ SPREAD: 1.063

VERT SPREAD: 1.425

GROUP SPREAD: 1.682

MIN RADIUS: 0.279

MAX RADIUS: 0.909

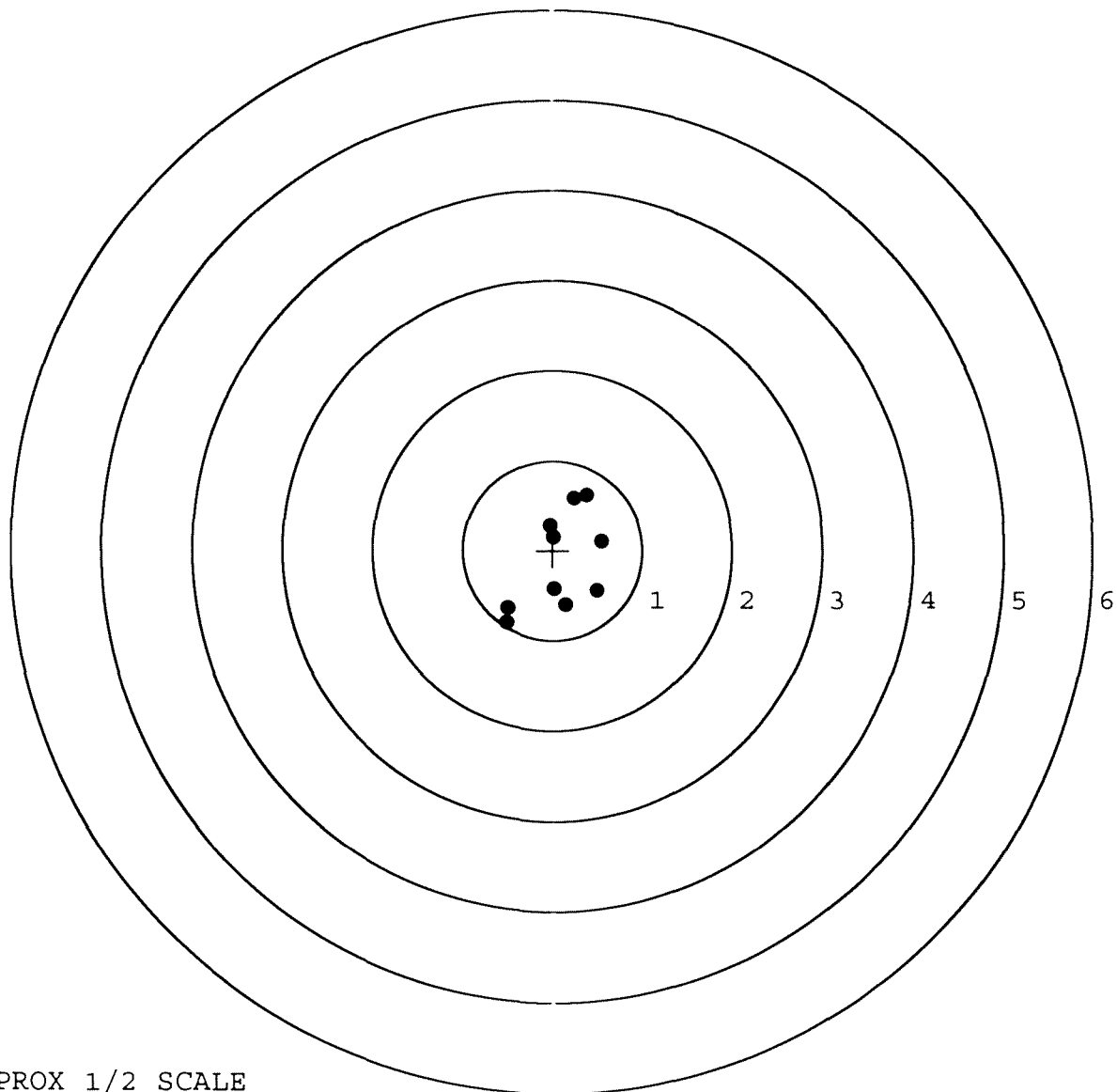
MEAN RADIUS: 0.575

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.235	0.582
2:	0.379	0.615
3:	0.548	0.106
4:	-0.501	-0.651
5:	-0.515	-0.810
6:	0.144	-0.607
7:	0.494	-0.450
8:	0.014	-0.427
9:	-0.030	0.275
10:	0.013	0.150

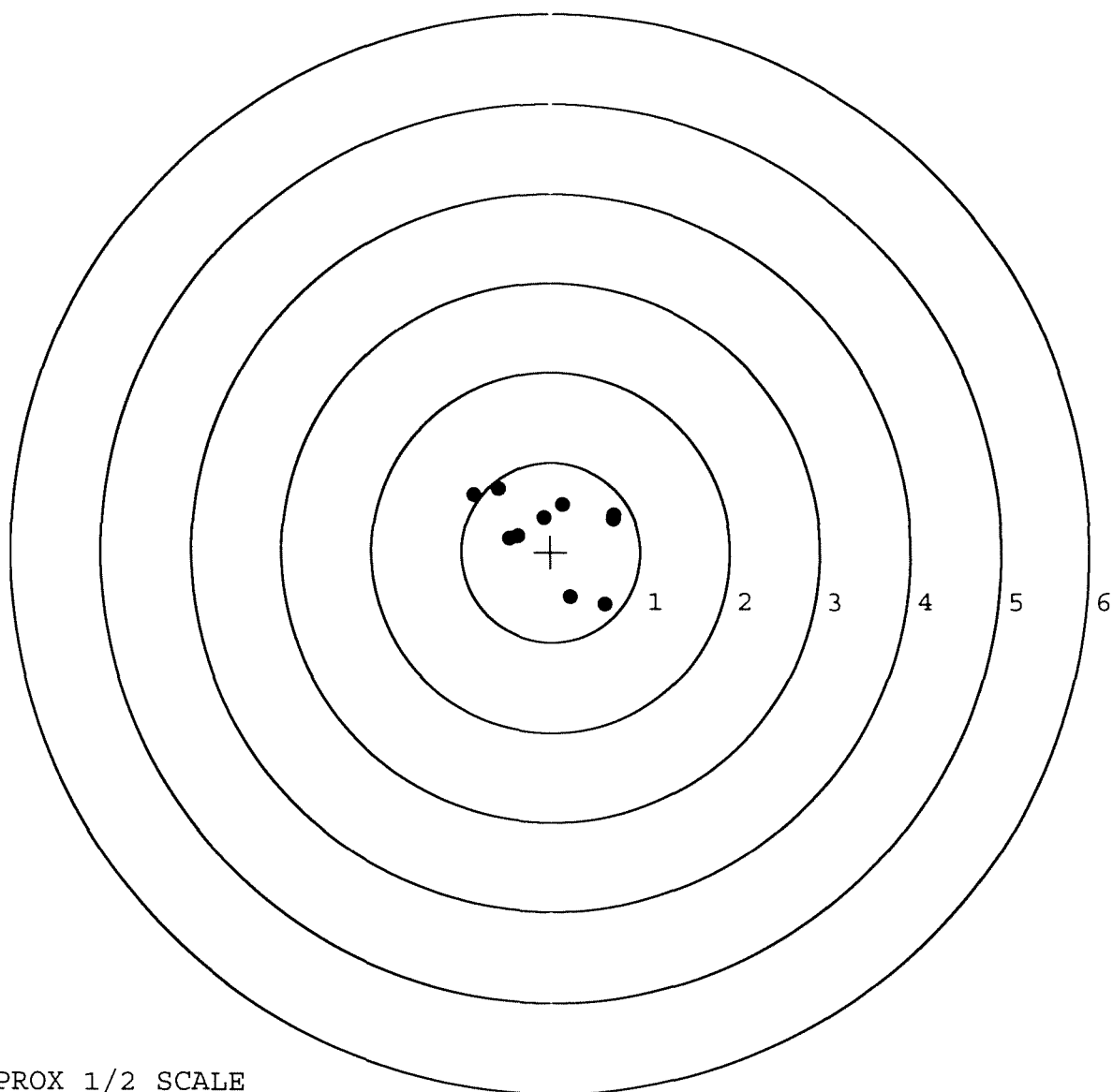


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348896. 0
TARGET NUMBER: 2
FILE DATE: 09/22/2009
FILE TIME: 07:19

X CENTROID: -0.001
Y CENTROID: 0.228
POA TO CENTROID: 0.228
HORZ SPREAD: 1.563
VERT SPREAD: 1.285
GROUP SPREAD: 1.907
MIN RADIUS: 0.175
MAX RADIUS: 1.011
MEAN RADIUS: 0.627
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.602	-0.584
2:	0.220	-0.502
3:	-0.860	0.640
4:	-0.589	0.701
5:	0.700	0.367
6:	0.703	0.416
7:	-0.464	0.147
8:	-0.369	0.178
9:	-0.080	0.384
10:	0.127	0.530



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348896. 0

TARGET NUMBER: 3

FILE DATE: 09/22/2009

FILE TIME: 07:19

X CENTROID: -0.058

Y CENTROID: -0.013

POA TO CENTROID: 0.059

HORZ SPREAD: 1.100

VERT SPREAD: 1.484

GROUP SPREAD: 1.725

MIN RADIUS: 0.158

MAX RADIUS: 1.007

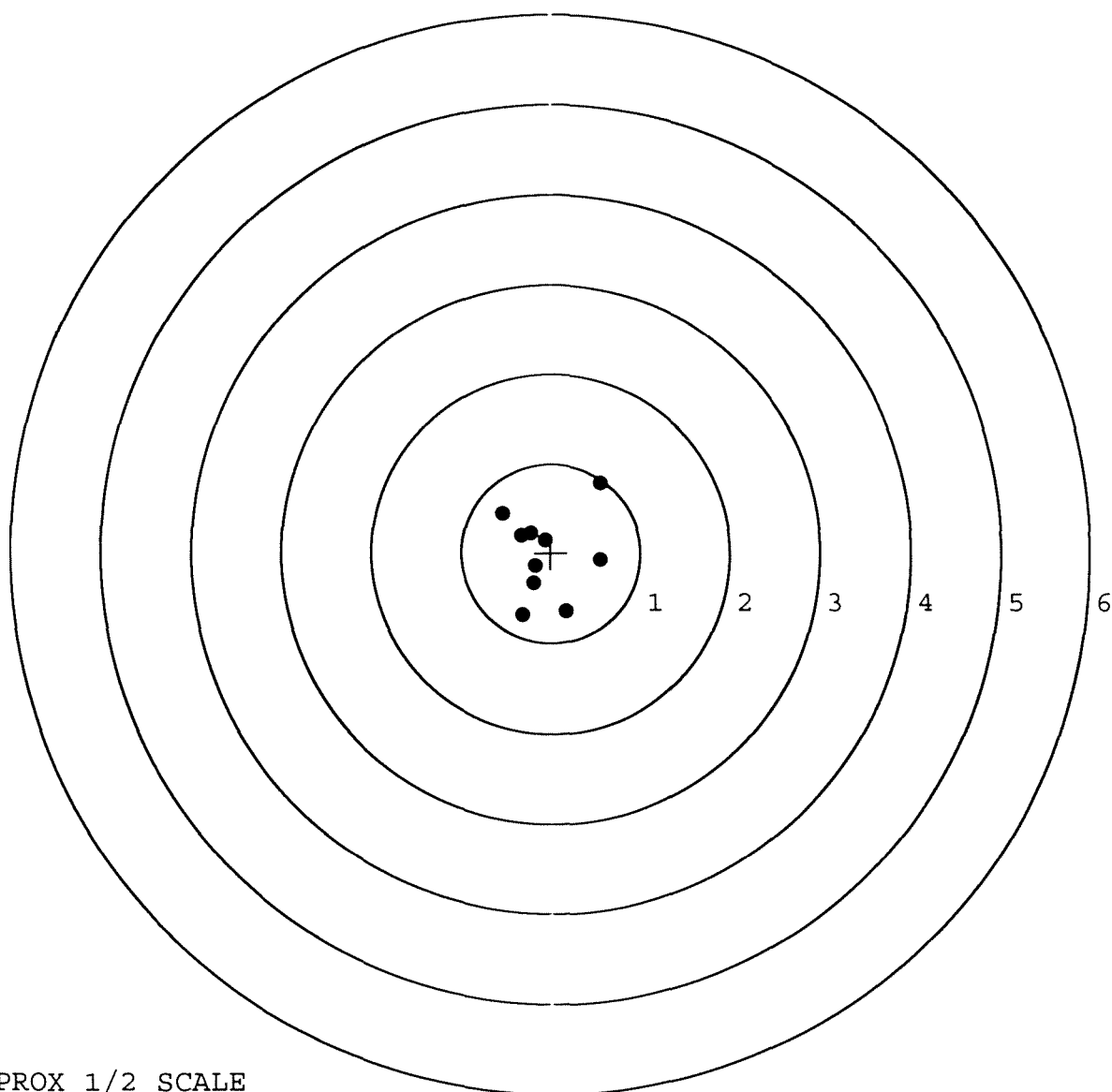
MEAN RADIUS: 0.504

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.554	0.787
2:	0.557	-0.077
3:	0.167	-0.659
4:	-0.326	-0.697
5:	-0.543	0.446
6:	-0.333	0.194
7:	-0.224	0.222
8:	-0.060	0.145
9:	-0.176	-0.149
10:	-0.194	-0.344



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348896. __0

TARGET NUMBER: 4

FILE DATE: 09/22/2009

FILE TIME: 07:19

X CENTROID: -0.255

Y CENTROID: 0.004

POA TO CENTROID: 0.255

HORZ SPREAD: 1.548

VERT SPREAD: 1.795

GROUP SPREAD: 2.050

MIN RADIUS: 0.253

MAX RADIUS: 1.135

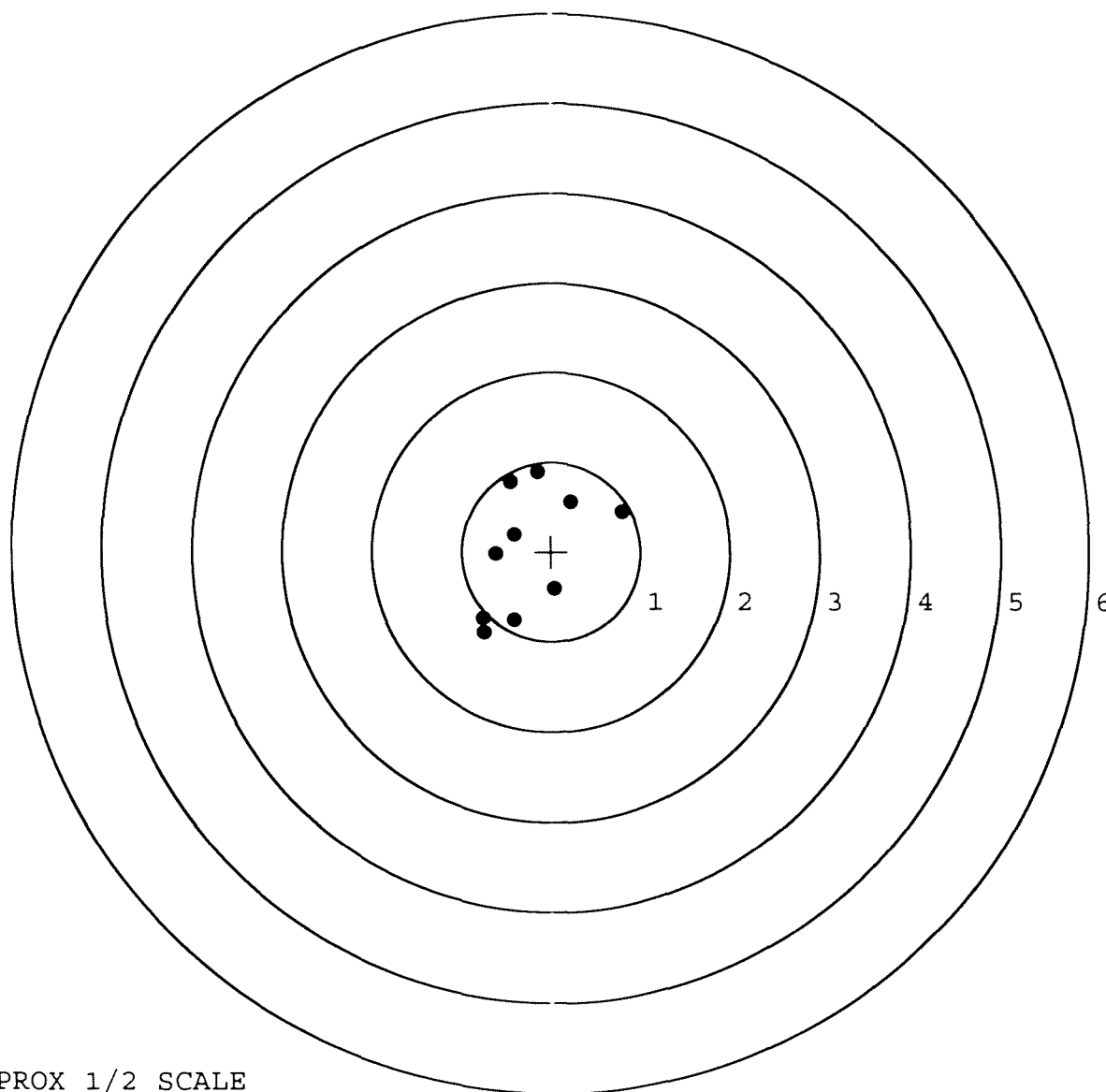
MEAN RADIUS: 0.743

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.787	0.454
2:	-0.463	0.785
3:	-0.160	0.893
4:	0.218	0.564
5:	-0.761	-0.745
6:	-0.421	-0.766
7:	-0.750	-0.902
8:	0.037	-0.418
9:	-0.623	-0.024
10:	-0.415	0.200

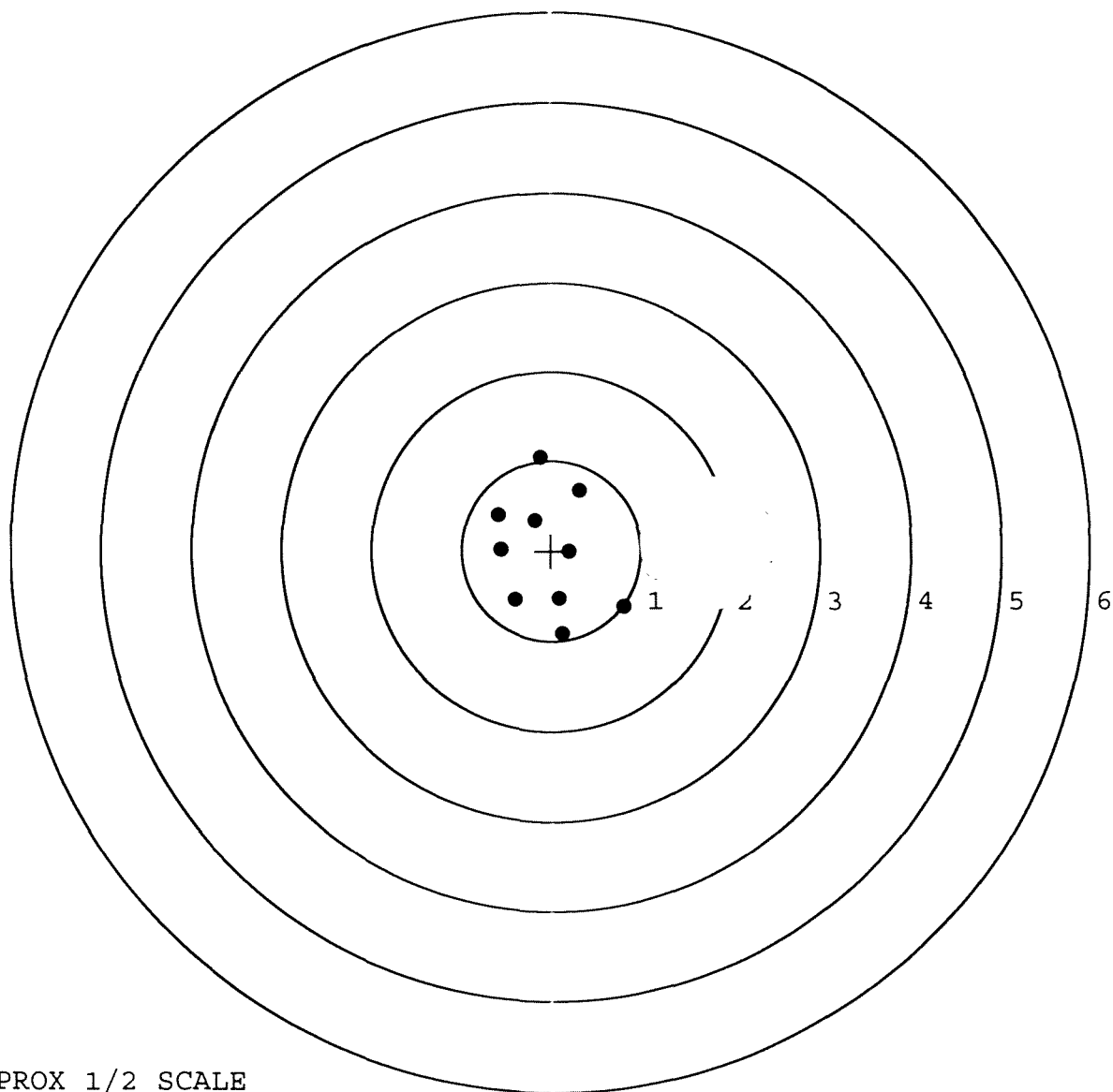


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348896. 0
TARGET NUMBER: 5
FILE DATE: 09/22/2009
FILE TIME: 07:19

X CENTROID: -0.034
Y CENTROID: -0.017
POA TO CENTROID: 0.038
HORZ SPREAD: 1.408
VERT SPREAD: 1.961
GROUP SPREAD: 1.977
MIN RADIUS: 0.238
MAX RADIUS: 1.059
MEAN RADIUS: 0.681
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.813	-0.618
2:	0.316	0.673
3:	-0.126	1.038
4:	-0.595	0.395
5:	-0.561	0.015
6:	-0.193	0.334
7:	-0.413	-0.545
8:	0.126	-0.923
9:	0.088	-0.529
10:	0.204	-0.012



TARGET APPROX 1/2 SCALE

R 95-10960

FROM:		SHIP TO:	
COMMANDER (W52H094138H226)		COMMANDER (W52H094138H226)	
DEFENSE DIST DEPOT ANNISTON		DEFENSE DIST DEPOT ANNISTON	
ATTN DDAA-UR BLDG 112		ATTN DDAA-UR BLDG 112	
ANNISTON	AL 36201-5025	ANNISTON	AL 36201-5025

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

[illegible]

RD6925 REV. 1/94

M2400041023

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6348896

DATE 6-26-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.34	2.48	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.58	2.47	
PULL #3	2.42	2.46	2.67	
PULL #4	2.44	2.59	2.51	
PULL #5	2.29	2.67	2.73	
TOTAL	11.89	12.78	12.84	
AVG.	2.37	2.55	2.56	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.10	3.20	
PULL #2	3.12	3.08	
PULL #3	3.17	2.90	
PULL #4	3.17	3.19	
PULL #5	3.14	3.12	
TOTAL	15.70	15.49	
AVG.	3.14	3.09	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.24		4.10
PULL #2	4.07	4.20		4.15
PULL #3	3.93	4.10		4.21
PULL #4	4.00	4.00		4.16
PULL #5	4.09	4.03		4.28
TOTAL	20.28	20.57		20.90
AVG.	4.05	4.11		4.18

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *06348896*

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			

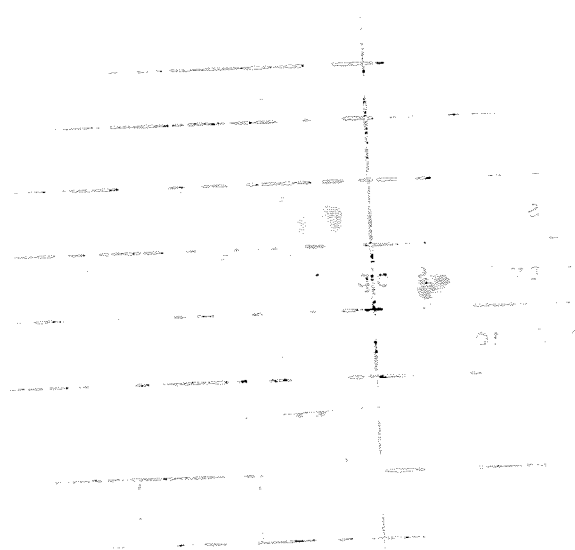
op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6.5	6	6			7/14/96	SF
	G) Safety Off Force	3	4	3			7/14/96	SF
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.024	.024	.024				
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight 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	2.68	2.91	2.92	2.88	2.77	7/14	SF
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348996
12 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	.300466
1 TO	2	.349173
1 TO	3	.342794
1 TO	4	.453398
1 TO	5	.495004

145 <----FOR



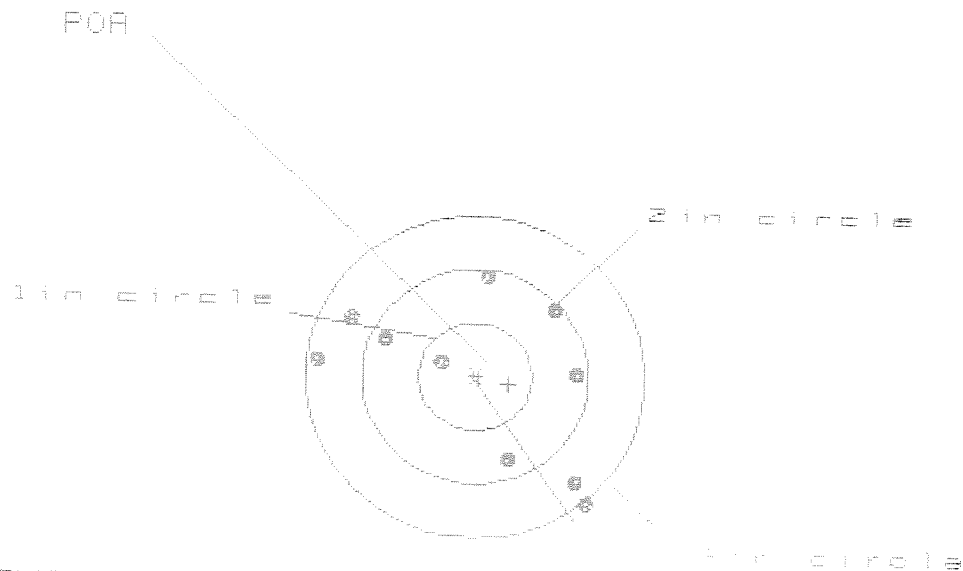
THE AVERAGE X-COORDINATE
THE AVERAGE Y-COORDINATE
THE RESULTING AVERAGE R.

THE AMR FOR THIS RIFLE IS:

18 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348896

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 5

3 in - 4

HS- 2.383

VS- 2.169

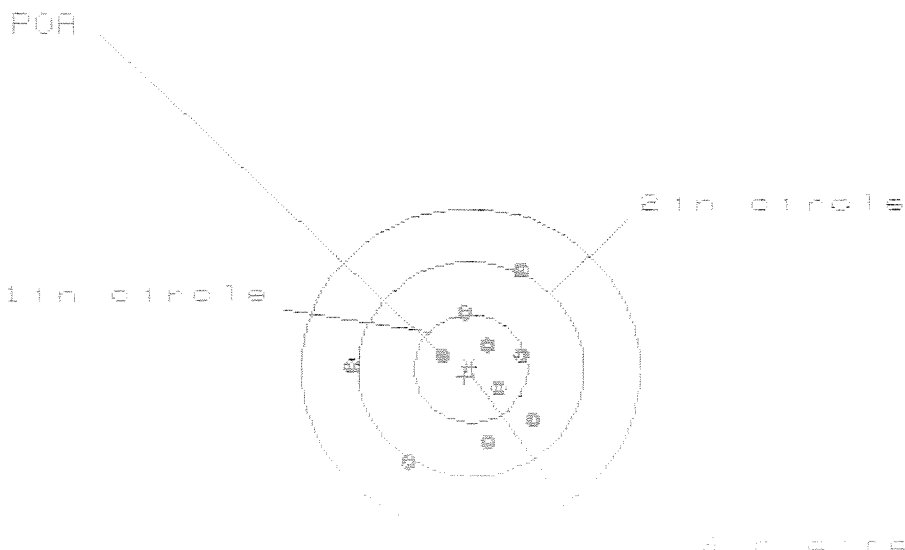
GS- 2.746

PATTERN #	1	2	3
SHOTS (BEST OF)	10	10	10
MAXIMUM X	1.21	1.21	1.21
MINIMUM X	1.21	1.21	1.21
MAXIMUM Y	1.21	1.21	1.21
MINIMUM Y	1.21	1.21	1.21
CENTROID X	1.21	1.21	1.21
CENTROID Y	1.21	1.21	1.21
POA TO CENTROID in.	1.300	1.300	1.300
MIN RADIUS	1.325	1.212	1.376
MEAN RADIUS	1.827	1.948	1.901
MAX RADIUS	1.522	1.475	1.365
HORIZONTAL SPREAD	2.383	2.329	2.034
VERTICAL SPREAD	2.169	1.932	1.932
EXTREME SPREAD	2.746	2.587	2.533
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	4	4	4

18 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6346896

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HE= 1.506

VS= 1.774

GS= 2.051

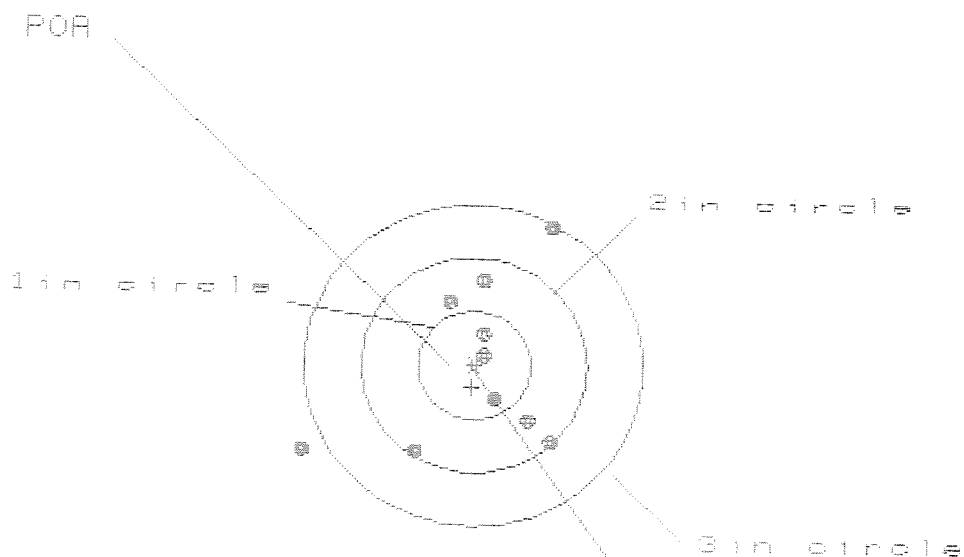
ID #

PATTERN #	:		
SHOTS (BEST OF)	:		
MAXIMUM X	:		.007
MINIMUM X	:	-1.001	.039
MAXIMUM Y	:	.936	.571
MINIMUM Y	:	-.836	-.611
CENTROID X	:	.055	.067
CENTROID Y	:	.073	-.031
POA TO CENTROID in.	:	.091	.032
MIN RADIUS	:	.253	.251
MEAN RADIUS	:	.635	.599
MAX RADIUS	:	1.034	.977
HORIZONTAL SPREAD	:	1.606	1.606
VERTICAL SPREAD	:	1.774	1.394
EXTREME SPREAD	:	2.051	1.669
NUMBER IN ONE INCH CIRCLE	=		4
NUMBER IN TWO INCH CIRCLE	=		7
NUMBER IN THREE INCH CIRCLE	=		10

10 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/06345086

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.231

VS= 2.049

GS= 3.029

CENTROID #

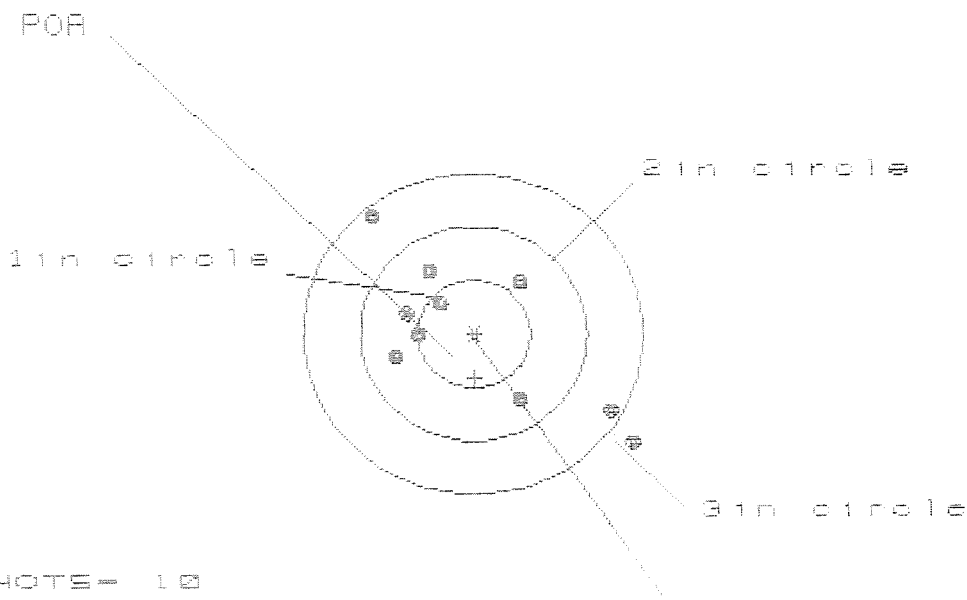
PATTERN #			
SHOTS (BEST OF)			
MAXIMUM X			
MINIMUM X			
MAXIMUM Y			
MINIMUM Y			
CENTROID X			
CENTROID Y			
POA TO CENTROID in.			
MIN RADIUS			
MEAN RADIUS			
MAX RADIUS			
HORIZONTAL SPREAD			
VERTICAL SPREAD			
EXTREME SPREAD			
NUMBER IN ONE INCH CIRCLE =			
NUMBER IN TWO INCH CIRCLE =			
NUMBER IN THREE INCH CIRCLE =			

10 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/06346886

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 2.241

VS= 2.139

GS= 3.171

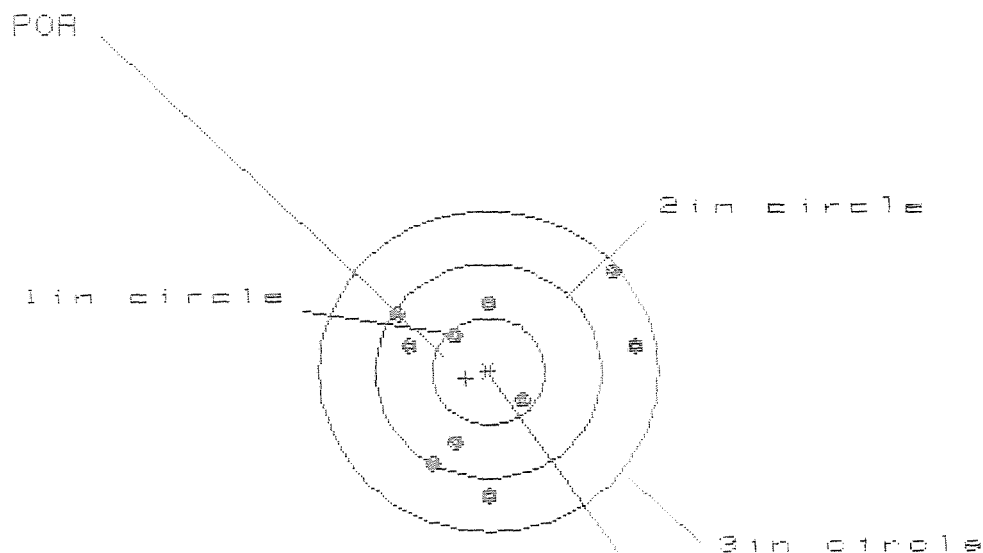
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	10	10
MAXIMUM X	1.181	1.181	1.181
MINIMUM X	-1.037	-1.037	-1.037
MAXIMUM Y	1.181	1.181	1.181
MINIMUM Y	-1.037	-1.037	-1.037
CENTROID X	-1.000	-1.163	-1.066
CENTROID Y	.413	.528	.405
POA TO CENTROID in.	.413	.553	.410
MIN RADIUS	.438	.245	.402
MEAN RADIUS	.905	.751	.718
MAX RADIUS	1.749	1.615	1.467
HORIZONTAL SPREAD	2.341	2.135	1.941
VERTICAL SPREAD	2.139	1.858	1.378
EXTREME SPREAD	3.171	2.830	2.096
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 9		

18 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C834B898

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HE= 2.020

VS= 2.051

GS= 2.372

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	10
MAXIMUM X	1.383	1.383	1.383
MINIMUM X	-1.751	-1.751	-1.751
MAXIMUM Y	.931	.931	.931
MINIMUM Y	-1.115	-1.115	-1.115
CENTROID X	.201	.083	-.089
CENTROID Y	.064	-.040	-.087
POA TO CENTROID in.	.211	.092	.125
MIN RADIUS	.404	.467	.460
MEAN RADIUS	.866	.788	.688
MAX RADIUS	1.409	1.433	1.009
HORIZONTAL SPREAD	2.020	2.020	1.088
VERTICAL SPREAD	2.051	1.706	1.706
EXTREME SPREAD	2.372	2.085	1.782
NUMBER IN ONE INCH CIRCLE	=	2	
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.

C6348896

ORDER NO.

5716

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

01



5716 C6348896

LPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER

M2400041033

GUN SERIAL # C6348896

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 14	89	RW
600	Proof	9 14	89	RW
607	Check Headspace	9 14	89	RW
610	Dis-assemble Gun	9 14	89	RW
612	Magnaflux Barrel Action	9-14-89		KCR
	Magnaflux Bolt	9-14-89		KCR
615	Rollmark Caliber		9-15-89	G.S.
617	Drill and Tap Sight Holes	9 15	89	YB
618	Polish Barrel	9 15	89	BT
620	Apply Coatings (Barrel Action)		9-25-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		28 Sept 89	LD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			10/3/89	RL
	G) Safety Off Force	3	3	3			10/3/89	RL
	H) Trigger Pull Test & Retainability						28 Sep 89	JD
	I) Firing Pin Indent	1020	1020	1020			10/3/89	RL
	J) Assemble Stock						10/12/89	RL
	K) Assemble Swivel Studs						11 Dec 89	JD
	L) Attach Front and Rear Sight Assemblies						10/12/89	RL
	M) Iron Sight Alignment						10/12/89	RL
	N) Detach Front & Rear Sights & place in numbered container						10/12/89	RL
	O) Attach Scope to Rifle						13 Oct 89	JD
	P) Detach & Attach Scope 20 Times						13 Oct 89	JD
640	Gallery Target & Test						10-13-89	AC
	A) Time						10-13-89	AC
	B) Malfunctions						10-13-89	AC
	C) Pierced Primers						10-13-89	AC
	D) Optical Clarity of Scope						10-13-89	AC
645	Inspect for Live Ammo						10-13-89	AC
655	Final Inspection						16 Oct 89	JD
	A) Headspace						16 Oct 89	JD
	B) Trigger Pull	264	261	267	269	268	16 Oct 89	JD
	C) Function						16 Oct 89	JD
660	Pack						15 Oct 89	JD

TIME

STAC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348896DATE 3-12-90TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.29	2.45	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.28	2.43	2.37	
PULL #3	2.40	2.45	2.38	
PULL #4	2.41	2.30	2.29	
PULL #5	2.44	2.43	2.30	
TOTAL	11.82	12.06	11.62	
AVG.	2.364	2.412	2.324	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.38		
PULL #2	3.23	3.35		
PULL #3	3.09	3.30		
PULL #4	3.31	3.46		
PULL #5	3.33	3.46		
TOTAL	16.26	16.95		
AVG.	3.252	3.39		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.20		
PULL #2	4.26	4.15		
PULL #3	4.25	4.27		
PULL #4	4.41	4.23		
PULL #5	4.43	4.19		
TOTAL	21.65	21.04		
AVG.	4.33	4.208		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348896
13 Oct 1989

CENTROIDAL DISTANCES

0	TO	1	.14367
1	TO	2	.57406
1	TO	3	.857679
1	TO	4	.674398
1	TO	5	.744641

↑ 2 ←----POA
3

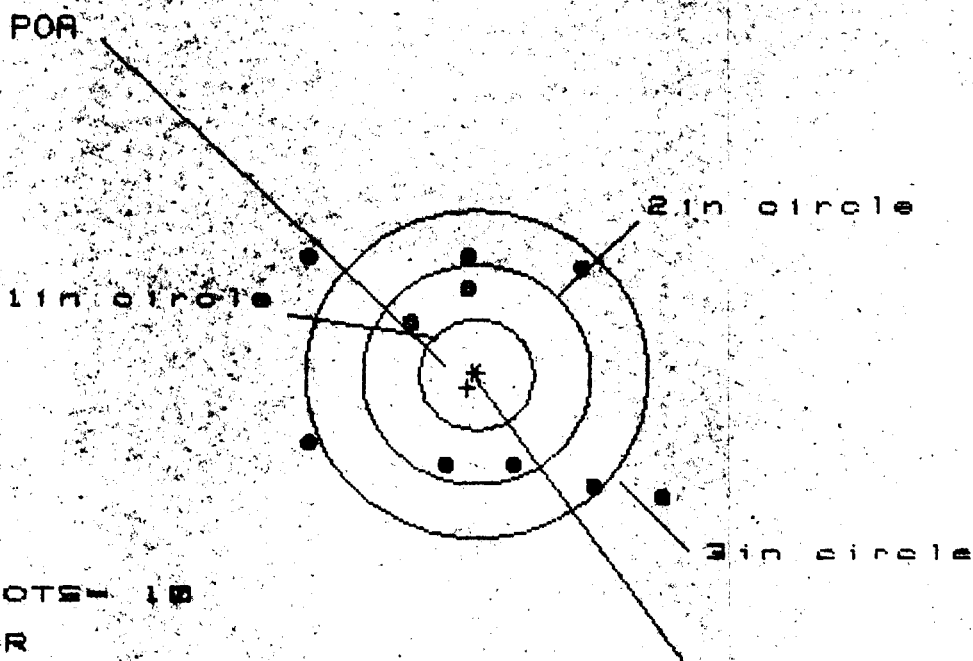
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4782
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.261
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .54479

THE AMR FOR THIS RIFLE IS: .9956

13 DEC 1989

FILE: PATTERNING/CENTERFIRE_PATT/CD000000

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS = 2.127

VS = 2.266

GS = 3.823

PATTERN #

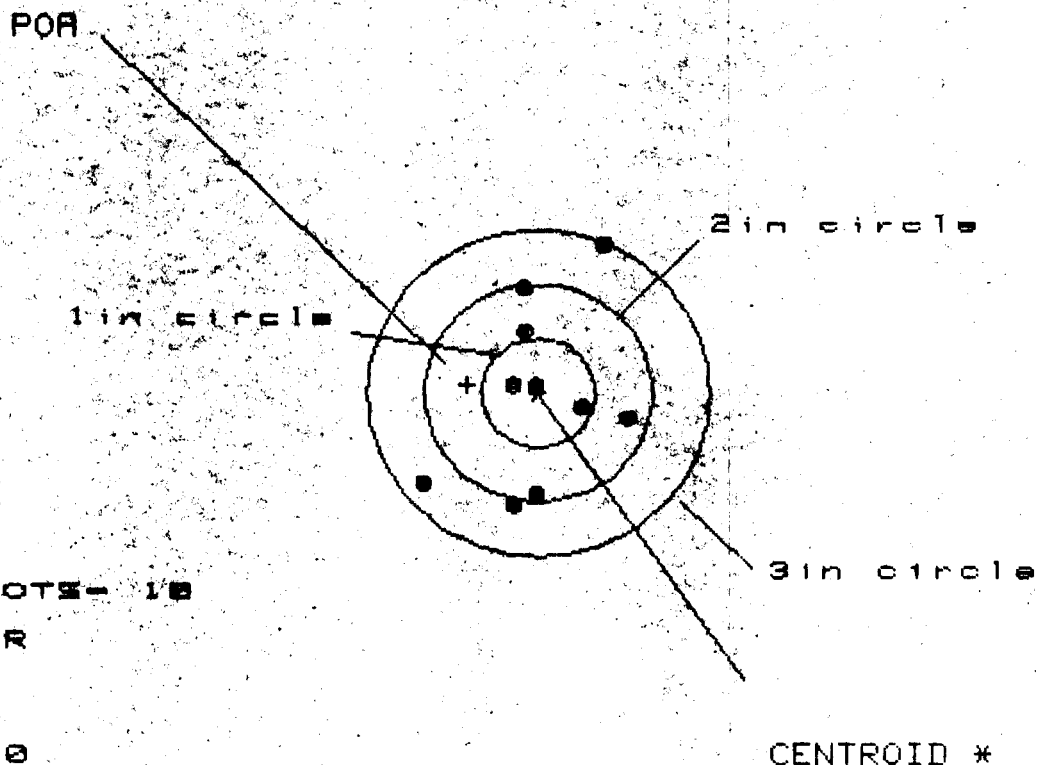
SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.649	1.239	1.077
MINIMUM X	-1.478	-1.295	-1.449
MAXIMUM Y	1.128	1.001	1.118
MINIMUM Y	-1.138	-1.186	-1.069
CENTROID X	.079	-.104	.058
CENTROID Y	.120	.247	.130
POA TO CENTROID in.	.144	.268	.142
MIN RADIUS	.724	.502	.701
MEAN RADIUS	1.260	1.150	1.096
MAX RADIUS	2.003	1.715	1.562
HORIZONTAL SPREAD	3.127	2.534	2.526
VERTICAL SPREAD	2.266	2.187	2.187
EXTREME SPREAD	3.823	3.304	2.855
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

13.001 4000

FILE: PATTERNING/CENTERFIRE_PATT/C6348896

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS- 1.811

VS- 2.316

GS- 2.692

PATTERN #		10	9	8
SHOTS (BEST OF)				
MAXIMUM X		.771	.841	.720
MINIMUM X		-1.040	-.970	-.311
MAXIMUM Y		1.329	1.101	1.022
MINIMUM Y		-.987	-.840	-.919
CENTROID X		.620	.550	.671
CENTROID Y		-.072	-.219	-.140
POA TO CENTROID in.		.624	.592	.686
MIN RADIUS		.055	.173	.137
MEAN RADIUS		.779	.714	.635
MAX RADIUS		1.469	1.161	1.035
HORIZONTAL SPREAD		1.811	1.811	1.031
VERTICAL SPREAD		2.316	1.941	1.941
EXTREME SPREAD		2.692	1.971	1.946
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

10 Dec 1965

FILE/PATTERNING/CENTERFIRE PATT/08340855

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 18

IN CIR

1 in = 0

2 in = 6

3 in = 6

HS = 3.556

VS = 2.402

GS = 3.645

PATTERN

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.623	1.409	1.274
MINIMUM X	-1.933	-1.074	-1.048
MAXIMUM Y	.898	.852	.658
MINIMUM Y	-1.504	-1.550	-.659
CENTROID X	.516	.730	.865
CENTROID Y	-.618	-.572	-.378
POA TO CENTROID in.	.805	.927	.944
MIN RADIUS	.500	.318	.082
MEAN RADIUS	1.136	1.026	.871
MAX RADIUS	1.978	1.086	1.282
HORIZONTAL SPREAD	3.556	2.483	2.322
VERTICAL SPREAD	2.402	2.402	1.317
EXTREME SPREAD	3.645	3.116	2.342
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		6	

12 Oct 1965

FILE: PATTERNS/CENTERFIRE PATTERNS

CENTERFIRE PATTERNS

4

POB

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 9

HS = 2.248

VS = 2.349

GS = 2.710

PATTERN #

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.161	1.284	1.319
MINIMUM X	-1.087	-.964	-.929
MAXIMUM Y	1.186	1.057	1.116
MINIMUM Y	-1.163	-1.016	-.884
CENTROID X	.506	.383	.348
CENTROID Y	-.402	-.273	-.405
POB TO CENTROID in.	.646	.470	.534
MIN RADIUS	.184	.188	.052
MEAN RADIUS	.941	.845	.772
MAX RADIUS	1.608	1.322	1.331
HORIZONTAL SPREAD	2.248	2.248	2.248
VERTICAL SPREAD	2.349	2.073	2.000
EXTREME SPREAD	2.710	2.328	2.328
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		9	

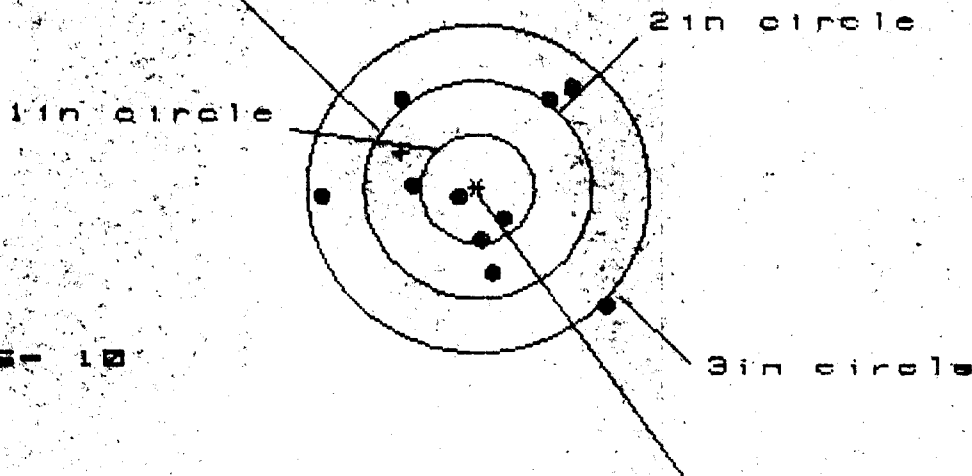
13 Oct 1989

FILE: PATTERNING/CENTERFIRE_PATT/C6348896

CENTERFIRE PATTERNS

5

POA



OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 9

HS = 2.485

VS = 1.998

GS = 2.658

CENTROID *

PATTERN #

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.109	.945	.788
MINIMUM X	-1.376	-1.253	-.743
MAXIMUM Y	.962	.847	.821
MINIMUM Y	-1.036	-.866	-.892
CENTROID X	.670	.547	.704
CENTROID Y	-.333	-.218	-.192
POA TO CENTROID in.	.749	.589	.729
MIN RADIUS	.196	.206	.308
MEAN RADIUS	.862	.795	.741
MAX RADIUS	1.517	1.270	1.138
HORIZONTAL SPREAD	2.485	2.198	1.531
VERTICAL SPREAD	1.998	1.713	1.713
EXTREME SPREAD	2.658	2.439	1.848
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	