

C6348854

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00092939

Serial: C6348864 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/13/1989

Repairman:

Verify Repair:

Status:

Closed 2/10/2005 1:14:07 PM

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: 36201 4199

Country: US

State: AL

Zip Code: 36201 4199

Country: US

FPL:

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	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagler

2/14/2005

9:17 AM

CAPS

NUM

INS

SCPL

start

5

2

4

Arms Service

Serial Number:

C6348864

Model: M24 SWS



RE00092939

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348864.__0
FILE DATE AND TIME: 06/06/2005 07:00

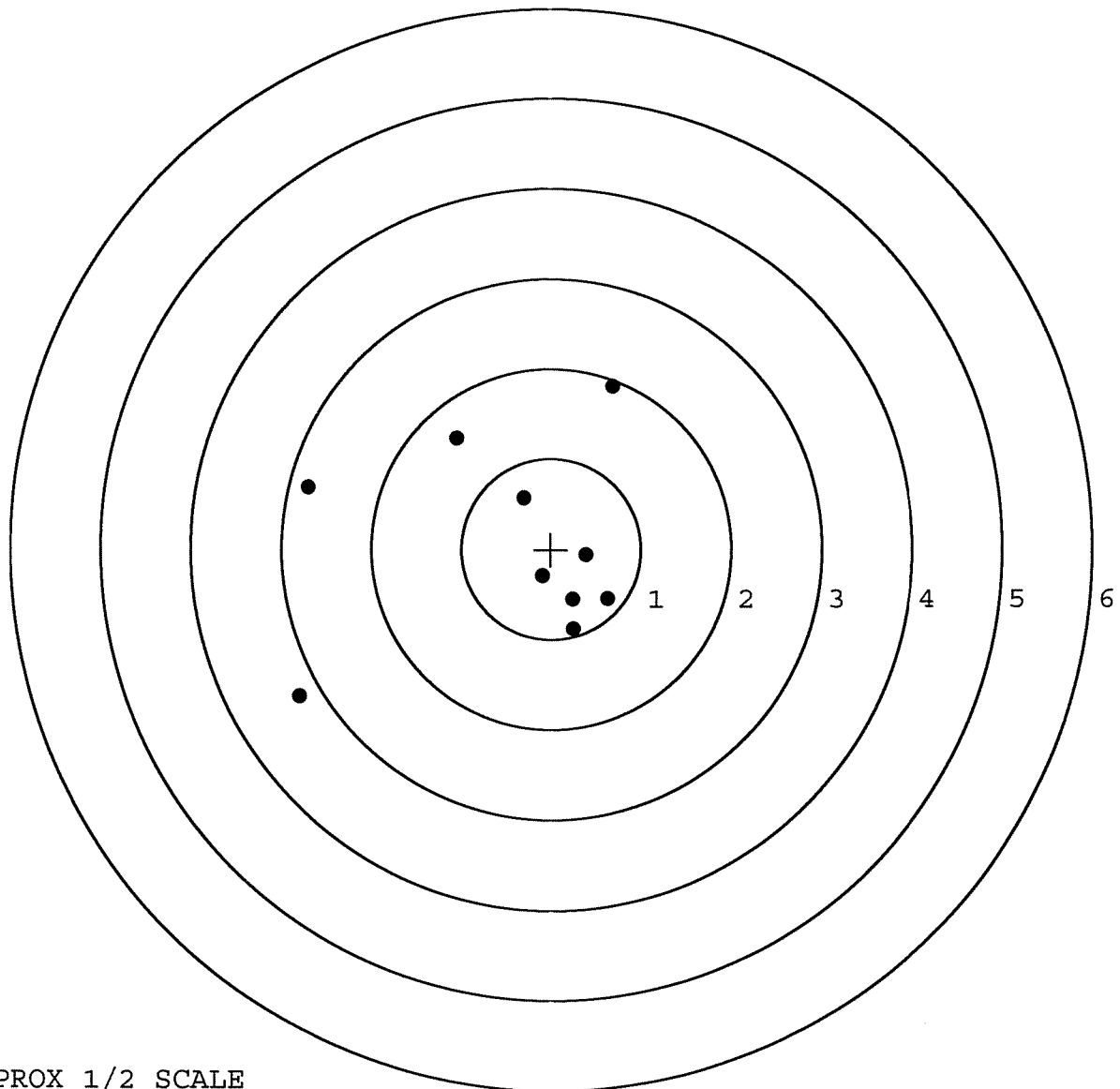
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	0.238
The Average Point of Impact of the Five Target Set:	0.244
The Average Mean Radius of the Five Target Set:	1.070
The Distance from POA to Centroid Target #1:	0.476
The Distance from Centroid Target #2 to Centroid Target #1:	0.390
The Distance from Centroid Target #3 to Centroid Target #1:	0.384
The Distance from Centroid Target #4 to Centroid Target #1:	0.778
The Distance from Centroid Target #5 to Centroid Target #1:	0.907

SERIAL NUMBER: C6348864. __ 0
 TARGET NUMBER: 1
 FILE DATE: 06/06/2005
 FILE TIME: 07:00

X CENTROID: -0.476
 Y CENTROID: 0.028
 POA TO CENTROID: 0.476
 HORZ SPREAD: 3.496
 VERT SPREAD: 3.438
 GROUP SPREAD: 4.903
 MIN RADIUS: 0.498
 MAX RADIUS: 2.862
 MEAN RADIUS: 1.391
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-2.804	-1.637
2:	-2.706	0.686
3:	-1.052	1.222
4:	-0.303	0.563
5:	0.692	1.801
6:	0.392	-0.064
7:	-0.096	-0.295
8:	0.630	-0.553
9:	0.244	-0.557
10:	0.248	-0.890

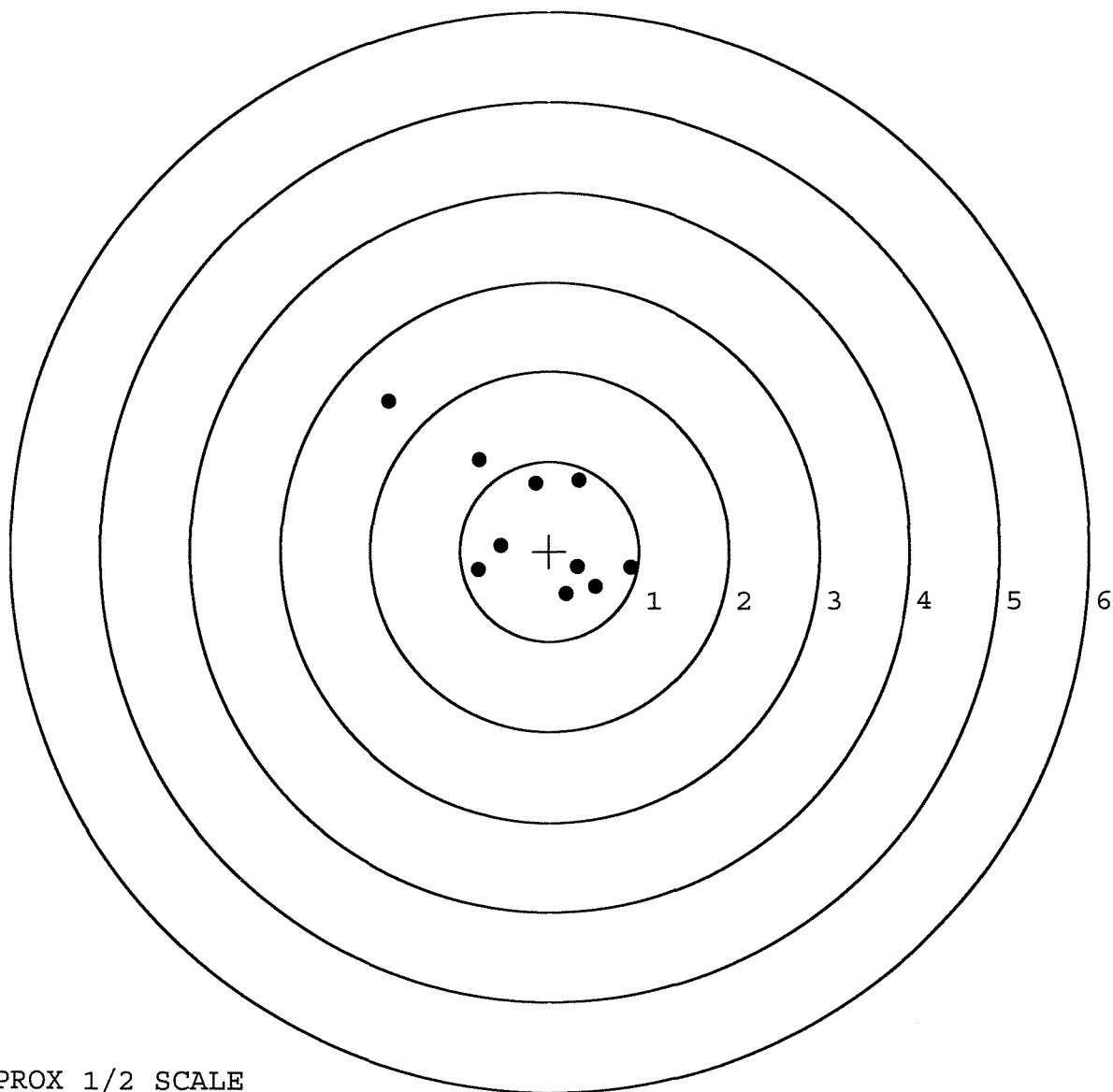


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348864. 0
 TARGET NUMBER: 2
 FILE DATE: 06/06/2005
 FILE TIME: 07:00

X CENTROID: -0.182
 Y CENTROID: 0.284
 POA TO CENTROID: 0.338
 HORZ SPREAD: 2.713
 VERT SPREAD: 2.138
 GROUP SPREAD: 3.280
 MIN RADIUS: 0.422
 MAX RADIUS: 2.124
 MEAN RADIUS: 0.917
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.913	-0.182
2:	0.519	-0.400
3:	0.191	-0.477
4:	0.314	-0.174
5:	-0.541	0.062
6:	-0.795	-0.208
7:	-0.160	0.757
8:	0.327	0.788
9:	-0.788	1.016
10:	-1.800	1.661

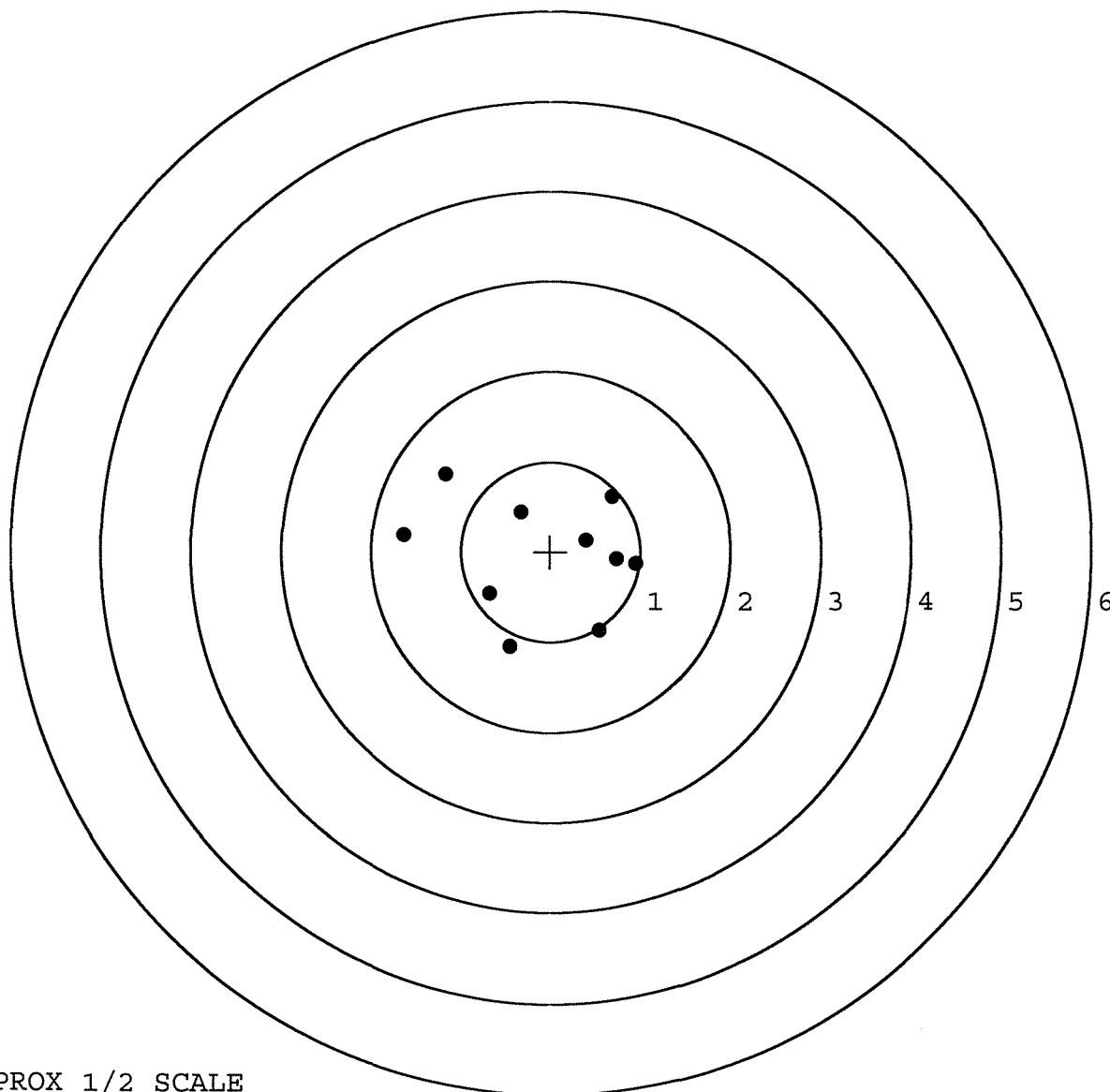


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348864.____0
 TARGET NUMBER: 3
 FILE DATE: 06/06/2005
 FILE TIME: 07:00

X CENTROID: -0.097
 Y CENTROID: -0.037
 POA TO CENTROID: 0.104
 HORZ SPREAD: 2.585
 VERT SPREAD: 1.916
 GROUP SPREAD: 2.605
 MIN RADIUS: 0.524
 MAX RADIUS: 1.556
 MEAN RADIUS: 0.980
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.545	-0.877
2:	0.948	-0.134
3:	0.735	-0.082
4:	0.399	0.132
5:	0.691	0.618
6:	-0.339	0.446
7:	-0.681	-0.469
8:	-0.458	-1.055
9:	-1.637	0.187
10:	-1.176	0.861

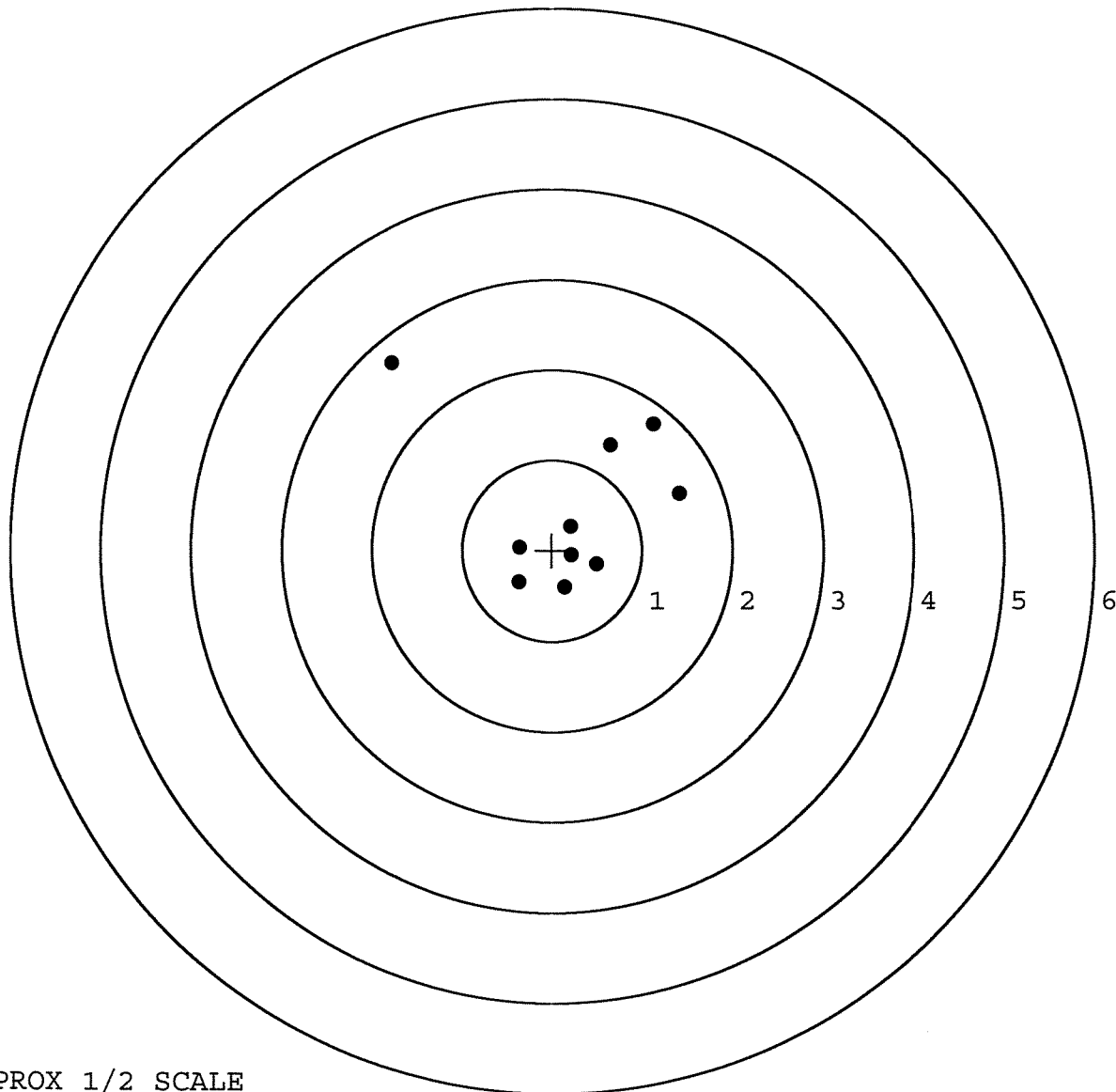


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348864. __0
 TARGET NUMBER: 4
 FILE DATE: 06/06/2005
 FILE TIME: 07:00

X CENTROID: 0.173
 Y CENTROID: 0.458
 POA TO CENTROID: 0.489
 HORZ SPREAD: 3.194
 VERT SPREAD: 2.484
 GROUP SPREAD: 3.504
 MIN RADIUS: 0.196
 MAX RADIUS: 2.538
 MEAN RADIUS: 0.990
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.495	-0.158
2:	0.220	-0.054
3:	0.141	-0.413
4:	0.209	0.265
5:	-0.360	0.033
6:	-0.367	-0.354
7:	1.408	0.629
8:	0.649	1.162
9:	1.120	1.397
10:	-1.786	2.071

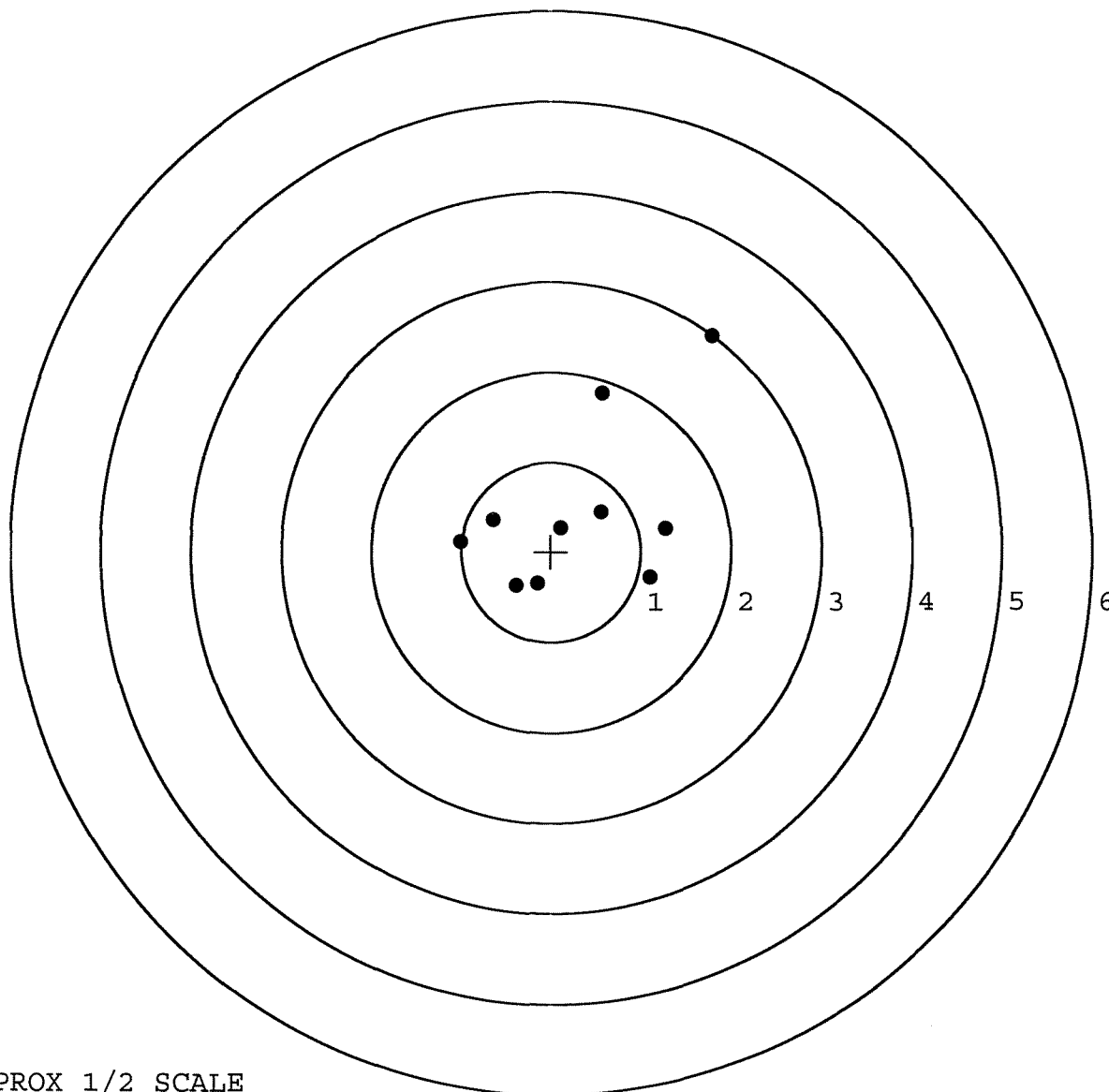


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348864. __ 0
 TARGET NUMBER: 5
 FILE DATE: 06/06/2005
 FILE TIME: 07:00

X CENTROID: 0.322
 Y CENTROID: 0.459
 POA TO CENTROID: 0.561
 HORZ SPREAD: 2.802
 VERT SPREAD: 2.771
 GROUP SPREAD: 3.616
 MIN RADIUS: 0.243
 MAX RADIUS: 2.431
 MEAN RADIUS: 1.073
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.104	-0.286
2:	1.272	0.266
3:	0.564	0.441
4:	0.118	0.266
5:	-0.150	-0.356
6:	-0.393	-0.374
7:	-0.642	0.360
8:	-1.012	0.111
9:	0.570	1.769
10:	1.790	2.397



TARGET APPROX 1/2 SCALE

R & E NUMBER	92939		
SERIAL NUMBER	C6348864		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-25-05	RT
560 A	RE-BARREL	5-3-05	RT
B	DRILL AND TAP	5-5-05	TRW
575	ASSEMBLE	5-3-05	RT
600	PROOF	5-11-05	AC
605	CHECK HEADSPACE	5-4-05	AC
610	DIS-ASSEMBLE GUN	5-6-05	RT
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	5-9-05	CW
618	ROTO-BLAST	5-9-05	LB
620	APPLY COATINGS	5-16-05	WJ
625 A	FINAL ASSEMBLY	6-2-05	RT
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	6-8-05	AC
D	SAFETY "OFF" FORCE	6-8-05	AC
E	FIRING PIN INDENT	6-8-05	AC
640	TARGET	6-6-05	TRW
655	FINAL INSPECT	6-8-05	AC
660	PACK	7-8-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6348864DATE 5-17-96TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.42	2.36	2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.47	2.43	
PULL #3	2.44	2.40	2.38	
PULL #4	2.30	2.39	2.44	
PULL #5	2.49	2.43	2.38	
TOTAL	1209	1205	1195	
AVG.	2.41	2.41	2.39	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.16	3.08	
PULL #2	3.24	3.13	
PULL #3	3.20	3.02	
PULL #4	3.17	3.06	
PULL #5	3.25	3.21	
TOTAL	1602	1550	
AVG.	3.20	3.10	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.27		4.18
PULL #2	4.29	4.42		4.22
PULL #3	4.12	4.40		4.27
PULL #4	4.37	4.44		4.28
PULL #5	4.26	4.41		4.23
TOTAL	2133	2194		2118
AVG.	4.26	4.38		4.23

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348864
19 Mar 1988

CENTROIDAL DISTANCES

0 TO 1	.216924
1 TO 2	.221964
1 TO 3	.511118
1 TO 4	.616112
1 TO 5	.286575

+331 <----POA

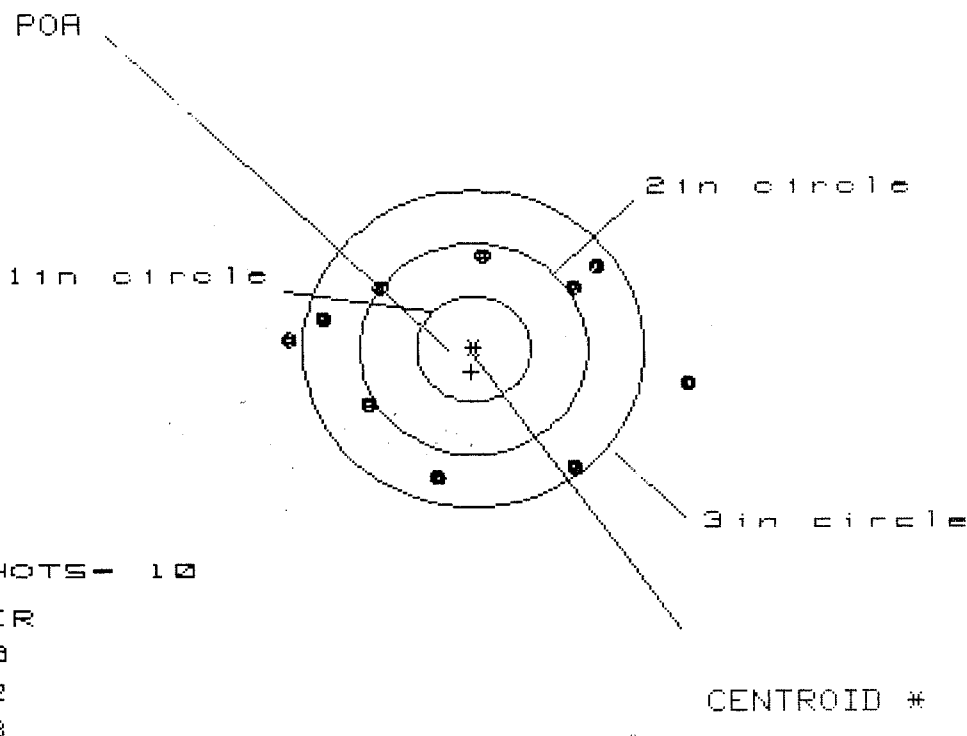
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3426
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2188
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .406507

THE AMR FOR THIS RIFLE IS: 1.126

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348864

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 2

3in = 8

HS= 3.527

VS= 2.089

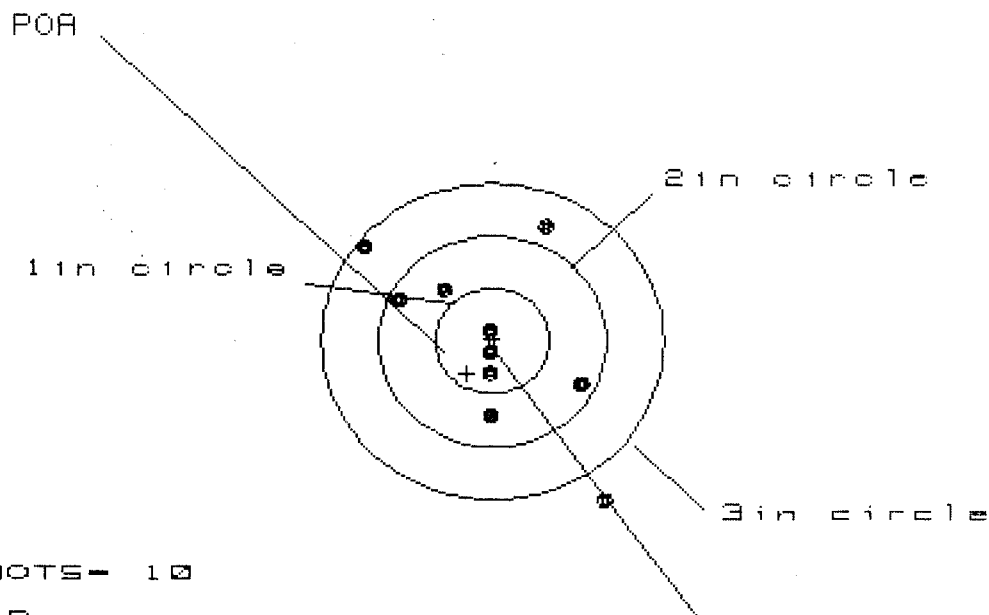
GS= 3.558

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.928	1.331	1.158
MINIMUM X	:	-1.599	-1.385	-1.271
MAXIMUM Y	:	.882	.843	.853
MINIMUM Y	:	-1.207	-1.246	-1.236
CENTROID X	:	.020	-.194	-.021
CENTROID Y	:	.216	.255	.245
POA TO CENTROID in.	:	.217	.320	.246
MIN RADIUS	:	.885	.792	.861
MEAN RADIUS	:	1.300	1.196	1.175
MAX RADIUS	:	1.959	1.621	1.496
HORIZONTAL SPREAD	:	3.527	2.716	2.429
VERTICAL SPREAD	:	2.089	2.089	2.089
EXTREME SPREAD	:	3.558	2.811	2.623
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348864

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 9

HS = 2.135

VS = 2.572

GS = 3.168

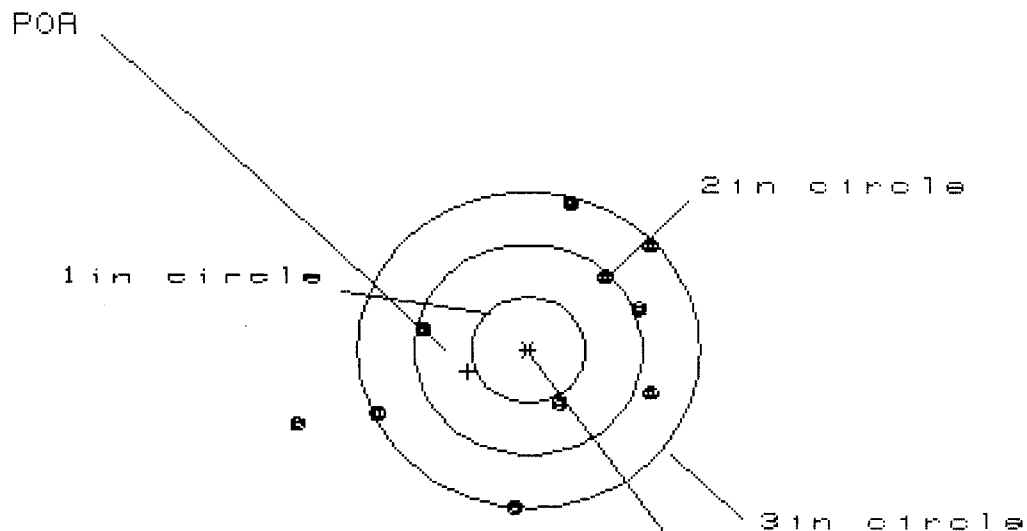
CENTROID #

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.026
MINIMUM X	:	-1.109
MAXIMUM Y	:	1.105
MINIMUM Y	:	-1.467
CENTROID X	:	.222
CENTROID Y	:	.308
POA TO CENTROID in.	:	.380
MIN RADIUS	:	.077
MEAN RADIUS	:	.802
MAX RADIUS	:	1.790
HORIZONTAL SPREAD	:	2.135
VERTICAL SPREAD	:	2.572
EXTREME SPREAD	:	3.168
NUMBER IN ONE INCH CIRCLE	=	3
NUMBER IN TWO INCH CIRCLE	=	7
NUMBER IN THREE INCH CIRCLE	=	9

18 Mar 1988

FILE: /PATTERNING/CENTERFIRE_PATT/C6346864

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 3

3 in - 8

HS- 3.195

VS- 2.873

GS- 3.649

CENTROID *

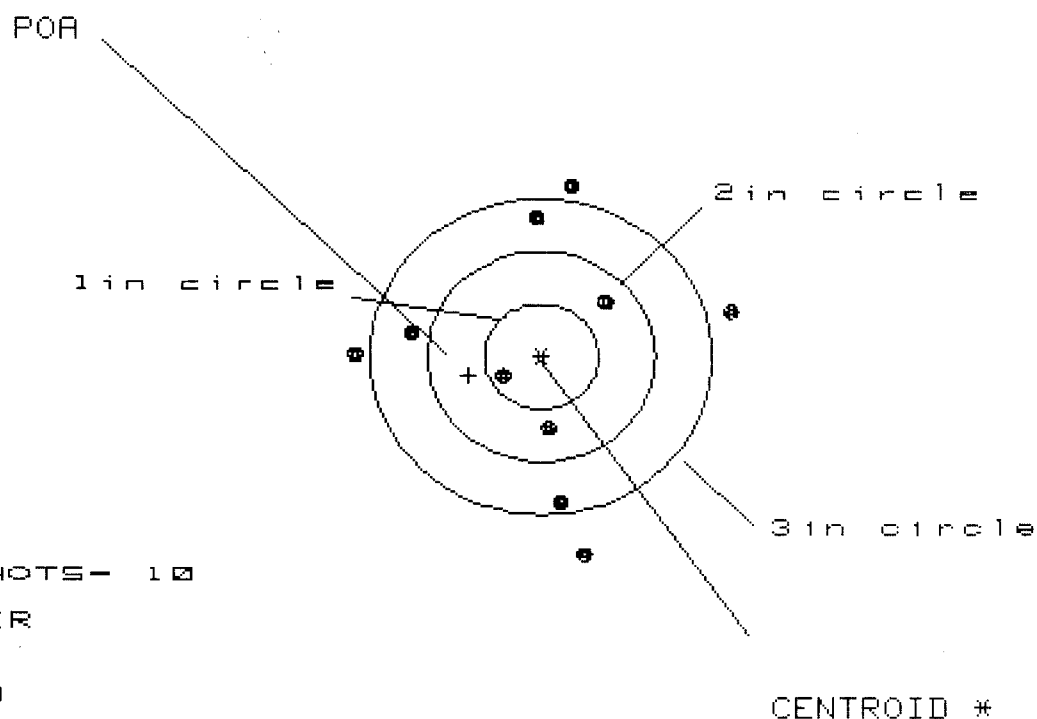
PATTERN # 3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.115	.884	.982
MINIMUM X	-2.080	-1.554	-1.444
MAXIMUM Y	1.411	1.330	1.449
MINIMUM Y	-1.462	-1.543	-1.424
CENTROID X	.531	.762	.652
CENTROID Y	.205	.286	.167
POA TO CENTROID in.	.569	.814	.673
MIN RADIUS	.592	.609	.511
MEAN RADIUS	1.286	1.142	1.125
MAX RADIUS	2.204	1.708	1.559
HORIZONTAL SPREAD	3.195	2.438	2.426
VERTICAL SPREAD	2.873	2.873	2.873
EXTREME SPREAD	3.649	2.950	2.929
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		8	

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348864

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 6

HS= 3.313

VS= 3.520

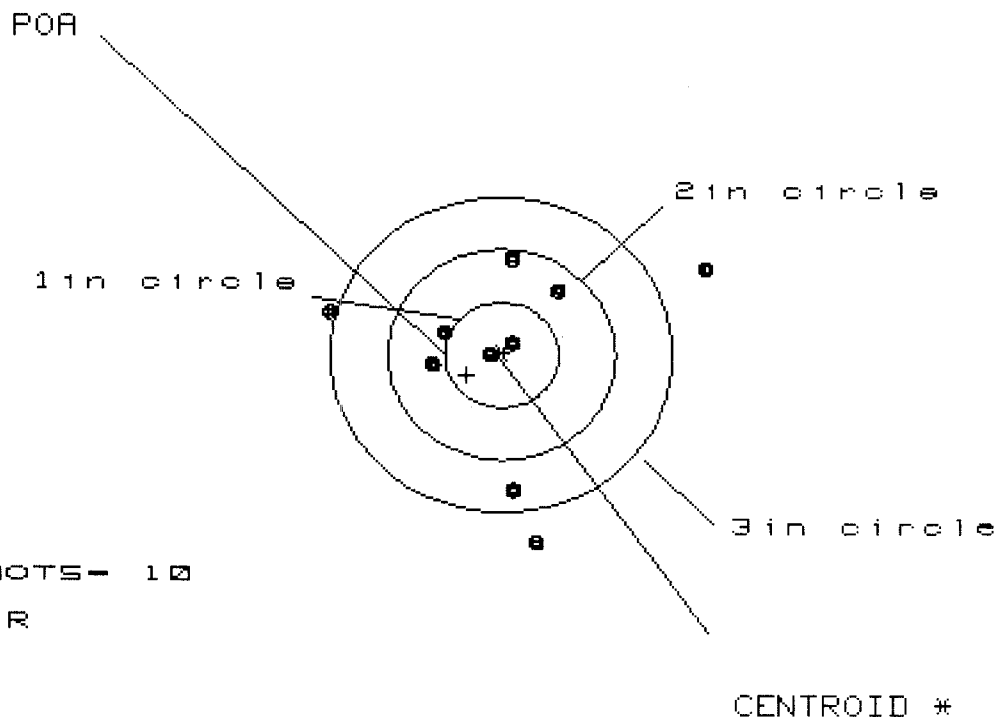
GS= 3.522

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.703	1.744	.804
MINIMUM X	:	-1.610	-1.569	-1.351
MAXIMUM Y	:	1.641	1.433	1.456
MINIMUM Y	:	-1.879	-1.606	-1.583
CENTROID X	:	.635	.594	.376
CENTROID Y	:	.179	.387	.364
POA TO CENTROID in.	:	.660	.709	.523
MIN RADIUS	:	.378	.500	.400
MEAN RADIUS	:	1.262	1.186	1.094
MAX RADIUS	:	1.915	1.754	1.642
HORIZONTAL SPREAD	:	3.313	3.313	2.155
VERTICAL SPREAD	:	3.520	3.039	3.039
EXTREME SPREAD	:	3.522	3.334	3.040
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

18 Mar 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6348864

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.330

VS= 2.670

GS= 3.358

PATTERN #	5	10	9	8
SHOTS (BEST OF)	10	9	8	
MAXIMUM X	1.833	.671	.728	
MINIMUM X	-1.497	-1.294	-1.238	
MAXIMUM Y	.893	.987	.777	
MINIMUM Y	-1.777	-1.683	-1.365	
CENTROID X	.305	.102	.045	
CENTROID Y	.186	.092	.302	
POA TO CENTROID in.	.358	.137	.305	
MIN RADIUS	.149	.163	.131	
MEAN RADIUS	.981	.860	.704	
MAX RADIUS	2.020	1.742	1.410	
HORIZONTAL SPREAD	3.330	1.965	1.965	
VERTICAL SPREAD	2.670	2.670	2.142	
EXTREME SPREAD	3.358	2.800	2.300	
NUMBER IN ONE INCH CIRCLE =		2		
NUMBER IN TWO INCH CIRCLE =		6		
NUMBER IN THREE INCH CIRCLE =		7		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6348864

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	4	5	5			5/29/96	K
	G) Safety Off Force	4	4	4			5/29/96	AC
	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	2.39	2.42	2.45	2.47	2.48	5/29/96	WB
	C) Function							
660	Pack							

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO. C6348864

ORDER NO. 5716

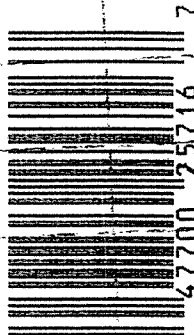
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Q1



5716 C6348864

UPC



0 47700 25716 7

GUN SERIAL #

C6348864

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 30	89	DW
600	Proof	8 30	89	DW
607	Check Headspace	8 30	89	DW
610	Dis-assemble Gun	8 30	89	DW
612	Magnaflux Barrel Action		8/31/89	KCR
	Magnaflux Bolt		8/31/89	KCR
615	Rollmark Caliber		8/31/89	B.S.
7	Drill and Tap Sight Holes	9 1	89	
618	Polish Barrel AS	9 1	89	ET
620	Apply Coatings (Barrel Action)		9-7-89	TSA
	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		9/26/89	LS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/26/89	JD
	G) Safety Off Force	3	3	3			9/26/89	JD
	H) Trigger Pull Test & Retainability						26 Sep 89	JD
	I) Firing Pin Indent	.020	.020	.020			9/26/89	JD
	J) Assemble Stock						9/27/89	RW
	K) Assemble Swivel Studs						29 Sep 89	JD
	L) Attach Front and Rear Sight Assemblies						9/27/89	RW
	M) Iron Sight Alignment						9/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container						9/27/89	RW
	O) Attach Scope to Rifle						9/27/89	JD
	P) Detach & Attach Scope 20 Times						9/27/89	JD
640	Gallery Target & Test						9-28-89	AC
	A) Time						9-28-89	AC
	B) Malfunctions						9-28-89	AC
	C) Pierced Primers						9-28-89	AC
	D) Optical Clarity of Scope						9-28-89	AC
645	Inspect for Live Ammo						9-28-89	AC
655	Final Inspection							
	A) Headspace						29 Sep 89	JD
	B) Trigger Pull	246	239	243	244	251	29 Sep 89	JD
	C) Function						29 Sep 89	JD
660	Pack						15 Dec 89	JD

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 06348864
DATE 12 Mar 90
TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.74	2.35		2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.73	2.32		2.12	
PULL #3	2.56	2.21		2.22	
PULL #4	2.48	2.24		2.20	
PULL #5	2.46	2.36		2.18	
TOTAL	12.87	11.48			
AVG.	2.574	2.296			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.51	3.28		
PULL #2	3.41	3.28		
PULL #3	3.38	3.30		
PULL #4	3.32	3.31		
PULL #5	3.35	3.30		
TOTAL	16.97	16.47		
AVG.	3.394	3.294		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	3.99		
PULL #2	4.03	3.85		
PULL #3	3.81	3.92		
PULL #4	4.03	3.93		
PULL #5	4.00	3.93		
TOTAL	19.95	19.72		
AVG.	3.99	3.944		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348864
28 Sep 1989

CENTROIDAL DISTANCES

0 TO	1	.603841
1 TO	2	.247718
1 TO	3	.103812
1 TO	4	.466039
1 TO	5	.294552

45% <----POA

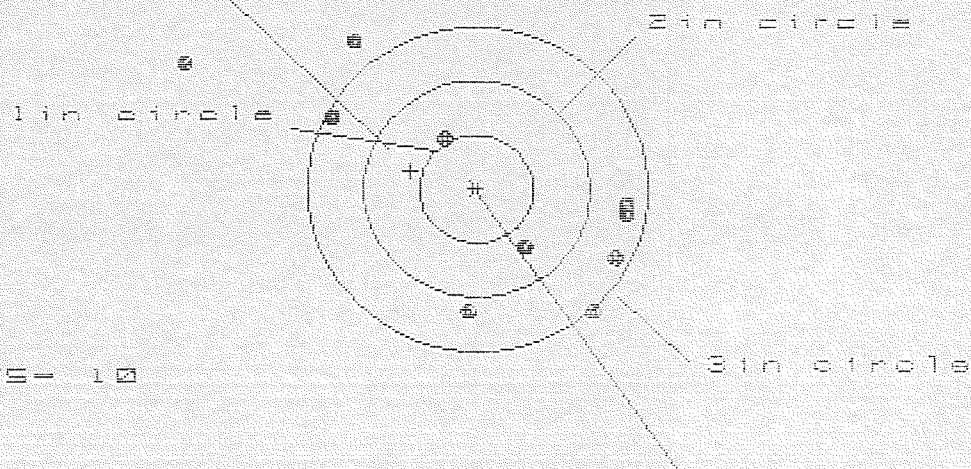
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4888
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0952
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .497984
THE AMR FOR THIS RIFLE IS: 1.099

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FILE:/PATTERNING/CENTERFIRE_PATT/06348864

CENTERFIRE PATTERNS # 1

POA



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 2

3 in = 7

HS= 3.956

VS= 2.492

GS= 4.346

CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.327	1.035	.866
MINIMUM X	:	-2.629	-1.581	-1.750
MAXIMUM Y	:	1.356	1.489	1.032
MINIMUM Y	:	-1.136	-1.003	-.817
CENTROID X	:	.580	.872	1.041
CENTROID Y	:	-.168	-.301	-.487
POA TO CENTROID in.	:	.604	.922	1.150
MIN RADIUS	:	.552	.369	.192
MEAN RADIUS	:	1.401	1.165	.986
MAX RADIUS	:	2.898	2.015	2.032
HORIZONTAL SPREAD	:	3.956	2.616	2.616
VERTICAL SPREAD	:	2.492	2.492	1.849
EXTREME SPREAD	:	4.346	3.249	2.968
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	2		
NUMBER IN THREE INCH CIRCLE	=	7		

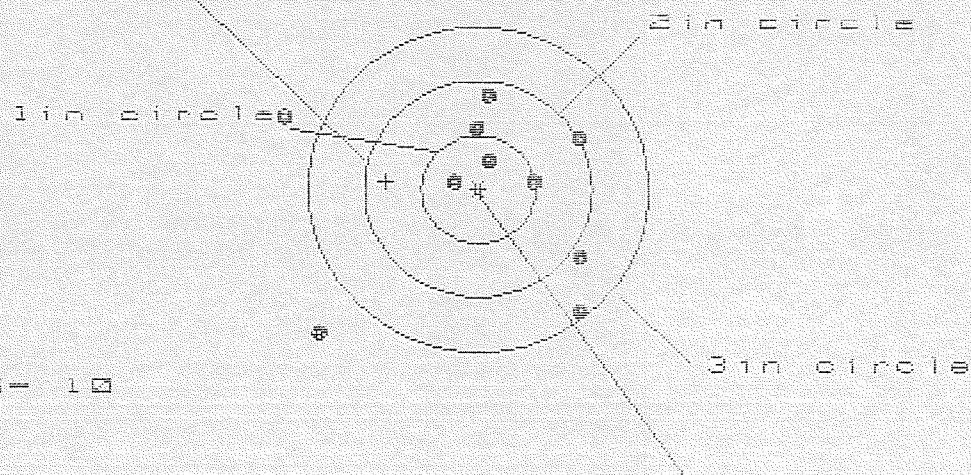
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FILE:/PATTERNING/CENTERFIRE_PATT/08340884

CENTERFIRE PATTERNS

2

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.615

VS= 2.176

GS= 3.129

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.927	.771	.540
MINIMUM X	:	-1.688	-1.844	-1.587
MAXIMUM Y	:	.860	.714	.782
MINIMUM Y	:	-1.316	-1.252	-1.184
CENTROID X	:	.810	.966	1.197
CENTROID Y	:	-.076	.070	.002
POA TO CENTROID in.	:	.813	.969	1.197
MIN RADIUS	:	.207	.132	.064
MEAN RADIUS	:	.969	.806	.661
MAX RADIUS	:	1.928	1.924	1.279
HORIZONTAL SPREAD	:	2.615	2.615	1.127
VERTICAL SPREAD	:	2.176	1.966	1.966
EXTREME SPREAD	:	3.129	3.129	2.100
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

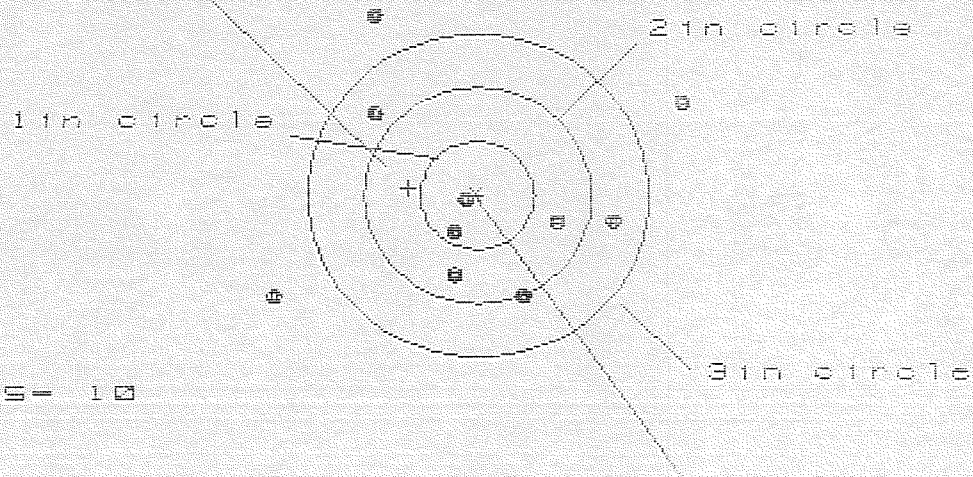
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FILE:/PATTERNING/CENTERFIRE_PATT/08340864

CENTERFIRE PATTERNS

3

POR



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 3.640

VS= 2.557

GS= 4.027

CENTROID #

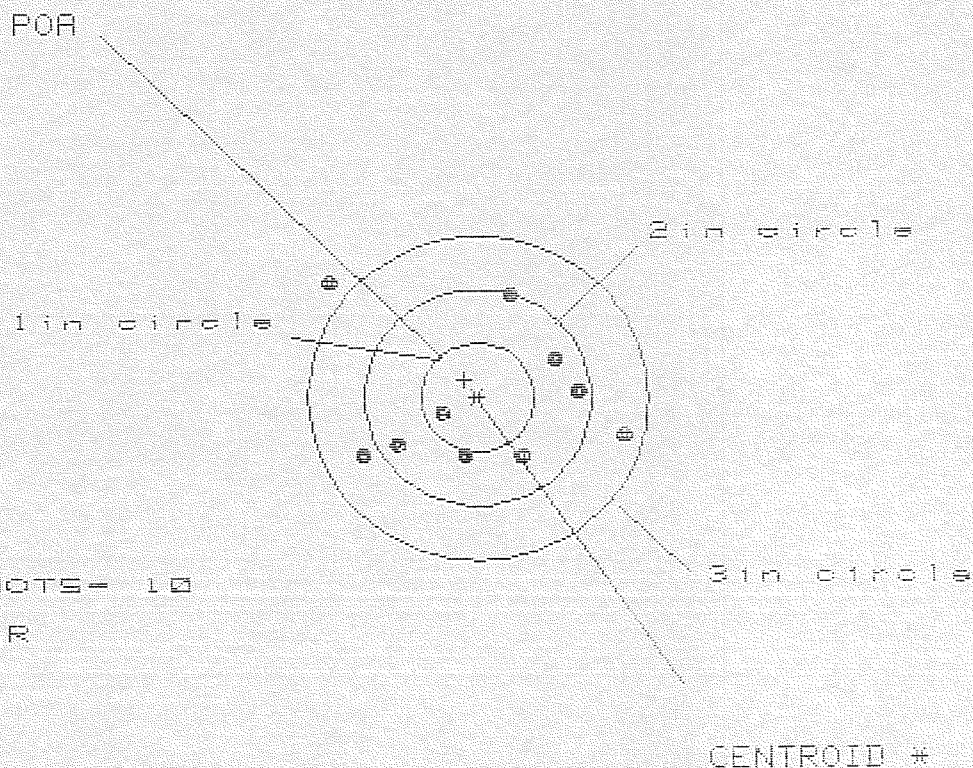
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.841	1.449	1.250
MINIMUM X	:	-1.799	-1.595	-.925
MAXIMUM Y	:	1.659	1.751	1.650
MINIMUM Y	:	-.898	-.806	-.892
CENTROID X	:	.604	.400	.599
CENTROID Y	:	-.067	-.159	-.058
POR TO CENTROID in.:	:	.608	.430	.602
MIN RADIUS	:	.161	.064	.160
MEAN RADIUS	:	1.136	1.006	.919
MAX RADIUS	:	2.017	1.895	1.892
HORIZONTAL SPREAD	:	3.640	3.044	2.175
VERTICAL SPREAD	:	2.557	2.557	2.542
EXTREME SPREAD	:	4.027	3.124	2.868
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.626

VS= 1.629

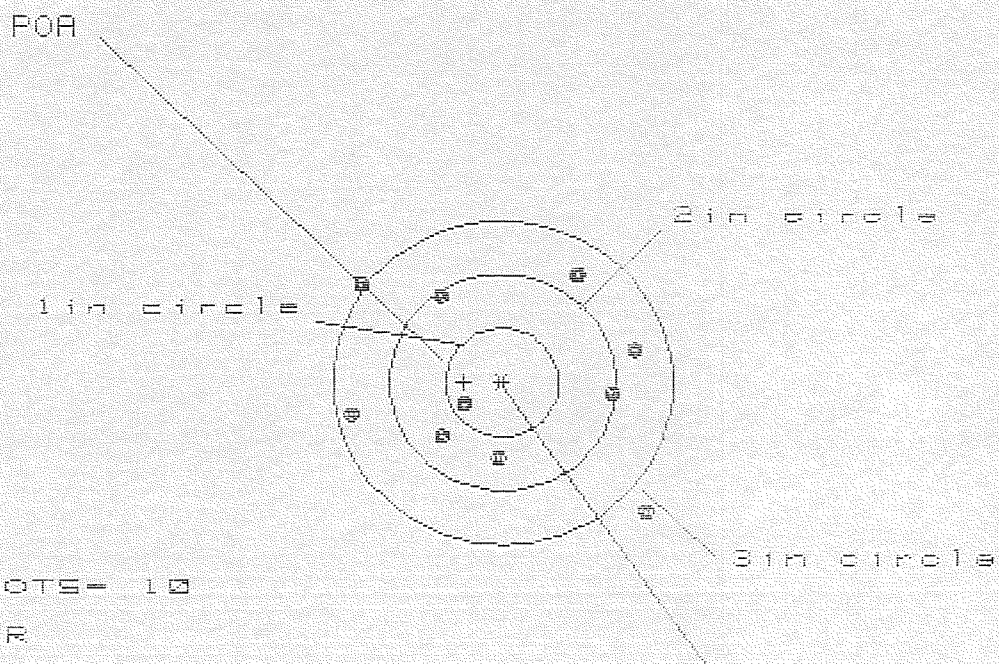
GS= 3.005

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.291	1.143	.845
MINIMUM X	:	-1.335	-1.132	-.989
MAXIMUM Y	:	1.084	1.069	1.037
MINIMUM Y	:	-.545	-.424	-.456
CENTROID X	:	.114	.262	.119
CENTROID Y	:	-.162	-.283	-.251
POA TO CENTROID in.	:	.198	.386	.278
MIN RADIUS	:	.354	.471	.335
MEAN RADIUS	:	.920	.809	.753
MAX RADIUS	:	1.720	1.199	1.077
HORIZONTAL SPREAD	:	2.626	2.275	1.834
VERTICAL SPREAD	:	1.629	1.493	1.493
EXTREME SPREAD	:	3.005	2.279	1.929
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 4

HS= 2.642

VS= 2.147

GS= 3.215

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.276	1.268	1.133
MINIMUM X	:	-1.366	-1.224	-1.359
MAXIMUM Y	:	.990	.861	.955
MINIMUM Y	:	-1.157	-.828	-.734
CENTROID X	:	.336	.194	.329
CENTROID Y	:	-.003	.126	.032
POA TO CENTROID in.	:	.336	.232	.330
MIN RADIUS	:	.389	.378	.402
MEAN RADIUS	:	1.070	.987	.937
MAX RADIUS	:	1.722	1.312	1.410
HORIZONTAL SPREAD	:	2.642	2.492	2.492
VERTICAL SPREAD	:	2.147	1.689	1.689
EXTREME SPREAD	:	3.215	2.584	2.584
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	4		