

C6587578

MODEL 700™ M24

Model S&S™

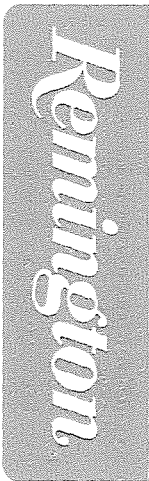
Action

Barrel Length

Capacity

Order No. 5716

* Includes 1 in chamber.



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: RE00147466

Serial: C6587578 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/10/2008 5:28:05 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: PUEBLO CHEMICAL DEPOT

PUEBLO CHEMICAL DEPOT

Address 1: 45825 HWY 96 EAST BLDG 78

45825 HWY 96 EAST BLDG 78

Address 2: PO Box:

PO Box:

City: PUEBLO

PUEBLO

State: CO

Zip Code: 81006

Country: US

State: CO

Zip Code: 81006

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A009	Soft Case	1
A026	Scope	1
A045	Bi Pod	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

7/10/2008

7:55 AM

NUM

INS

SCPL

Number: C6587578

Model: M24 SWS



RE00147466

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER

SERIAL NUMBER

C6587578

LOG-IN DATE

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-18-08	RTZ
505	RE-BARREL	7-19-08	RTZ
560	ASSEMBLE	7-19-08	RTZ
600	PROOF	7-21-08	TRW
605	CHECK HEADSPACE	7-21-08	TRW
610	DIS-ASSEMBLE GUN	7-21-08	RTZ
612	MAGNAFLUX	7/25/08	BM
510	DRILL AND TAP	7-21-08	SP
615	ROLLMARK CALIBER	7/25/08	RT
618	ROTO-BLAST	7-28-08	DC
620	APPLY COATINGS		
625	FINAL ASSEMBLY	8-1	C
640	FUNCTION TEST AND	PASS FAIL	8-6-08 TRW
650	TARGET	PASS FAIL	8-6-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	8-6-08 TC
670	FINAL INSPECTION A) HEADSPACE	PASS FAIL	8-7-08 RTZ
	B) TRIGGER PULL	2.72 2.72 2.74 2.65 2.63	8-7-08 RTZ
680	F) SAFETY ON FORCE	6.9 6.9 6.9	8-7-08 RTZ
	G) SAFETY OFF FORCE	4.58 4.58 4.58	8-7-08 RTZ
	H) FIRING PIN INDENT	0.22 0.22 0.22	8-7-08 RTZ
690	PACK		8/8/08 FM

BARBER - M24 0023071
**AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS**

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

DATE 7-18-08

TESTER S. Day

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.68	2.87		2.72	
PULL #2	2.75	2.81		2.70	
PULL #3	2.75	2.76		2.69	
PULL #4	2.77	2.76		2.68	
PULL #5	2.68	2.73		2.62	
TOTAL	13.63	13.93		13.41	
AVERAGE	2.72	2.78		2.68	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.41		
PULL #2	3.21	3.30		
PULL #3	3.19	3.27		
PULL #4	3.19	3.17		
PULL #5	3.24	3.10		
TOTAL	15.94	16.25		
AVERAGE	3.18	3.25		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.13	4.34		4.17
PULL #2	4.03	4.16		4.20
PULL #3	4.00	4.07		4.05
PULL #4	3.94	4.03		4.17
PULL #5	3.94	3.95		4.18
TOTAL	19.50	20.55		20.77
AVERAGE	3.90	4.11		4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587578.___0
FILE DATE AND TIME: 08/06/2008 14:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.009
The Average Y Centroid of the Five Target Set:	0.042
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.673
The Distance from POA to Centroid Target #1:	0.120
The Distance from Centroid Target #2 to Centroid Target #1:	0.187
The Distance from Centroid Target #3 to Centroid Target #1:	0.127
The Distance from Centroid Target #4 to Centroid Target #1:	0.231
The Distance from Centroid Target #5 to Centroid Target #1:	0.209

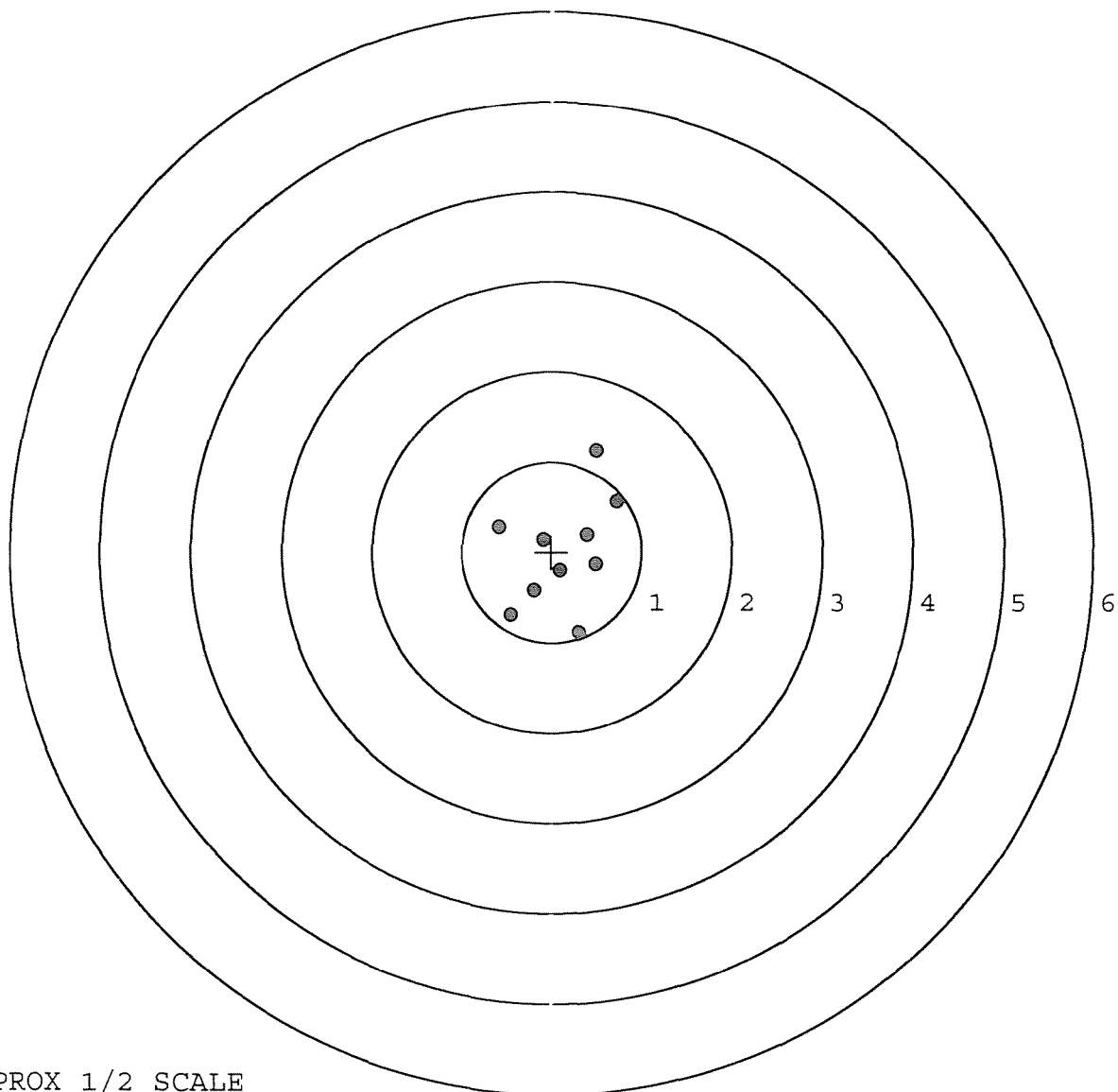
BARBER - M24 0023073

SERIAL NUMBER: C6587578. __0
TARGET NUMBER: 1
FILE DATE: 08/06/2008
FILE TIME: 14:19

X CENTROID: 0.120
Y CENTROID: -0.005
POA TO CENTROID: 0.120
HORZ SPREAD: 1.311
VERT SPREAD: 2.021
GROUP SPREAD: 2.060
MIN RADIUS: 0.202
MAX RADIUS: 1.197
MEAN RADIUS: 0.630

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.309	-0.892
2:	-0.198	-0.421
3:	-0.454	-0.695
4:	-0.087	0.136
5:	-0.589	0.276
6:	0.098	-0.206
7:	0.496	-0.132
8:	0.396	0.195
9:	0.722	0.561
10:	0.503	1.129



TARGET APPROX 1/2 SCALE

BARBER - M24 0023074

SERIAL NUMBER: C6587578. __0

TARGET NUMBER: 2

FILE DATE: 08/06/2008

FILE TIME: 14:19

X CENTROID: -0.068

Y CENTROID: -0.002

POA TO CENTROID: 0.068

HORZ SPREAD: 1.933

VERT SPREAD: 2.069

GROUP SPREAD: 2.547

MIN RADIUS: 0.277

MAX RADIUS: 1.369

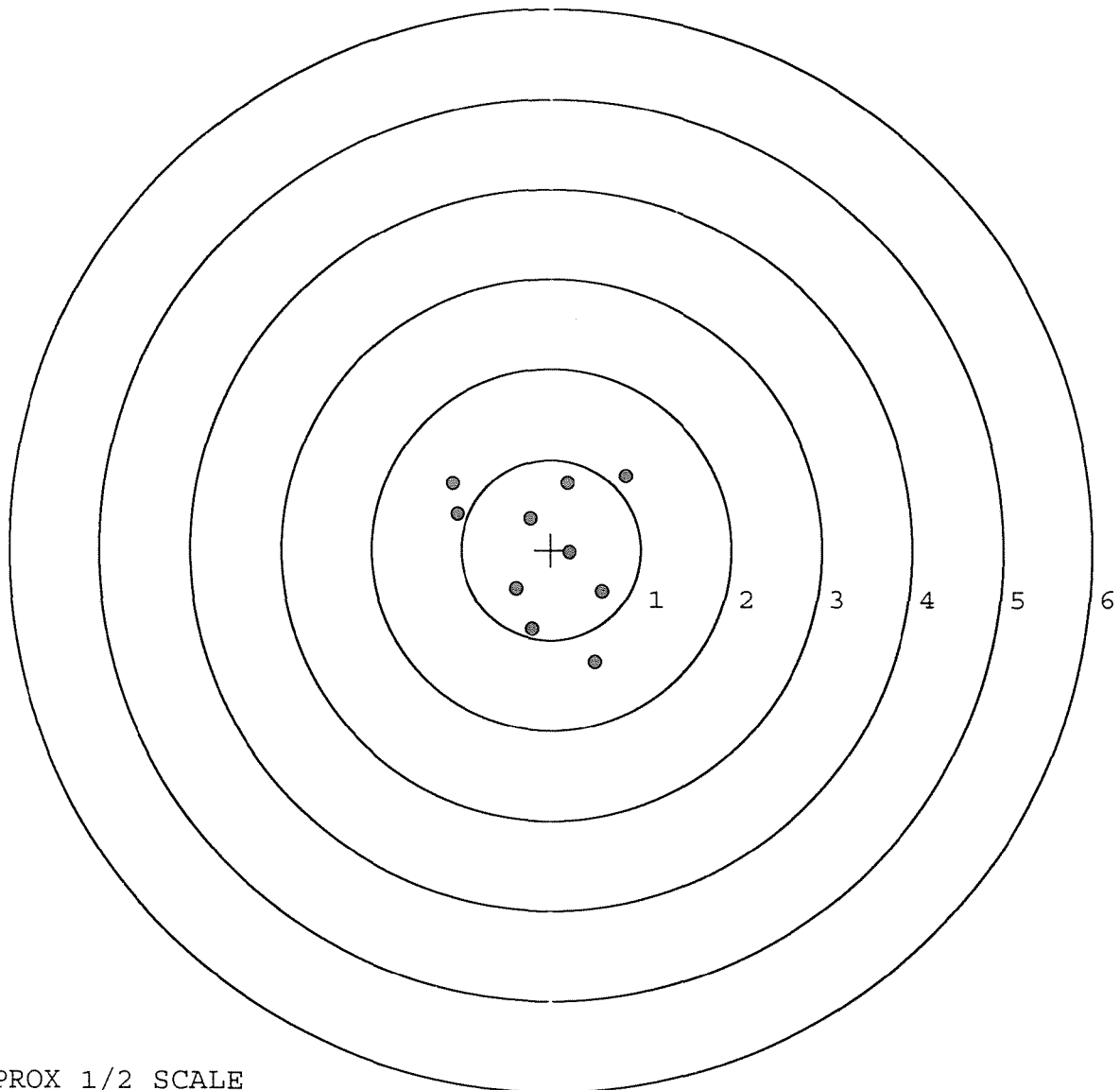
MEAN RADIUS: 0.859

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.495	-1.250
2:	0.570	-0.461
3:	-0.212	-0.884
4:	0.208	-0.031
5:	-0.390	-0.438
6:	-0.227	0.351
7:	0.187	0.744
8:	0.834	0.819
9:	-1.044	0.397
10:	-1.099	0.736



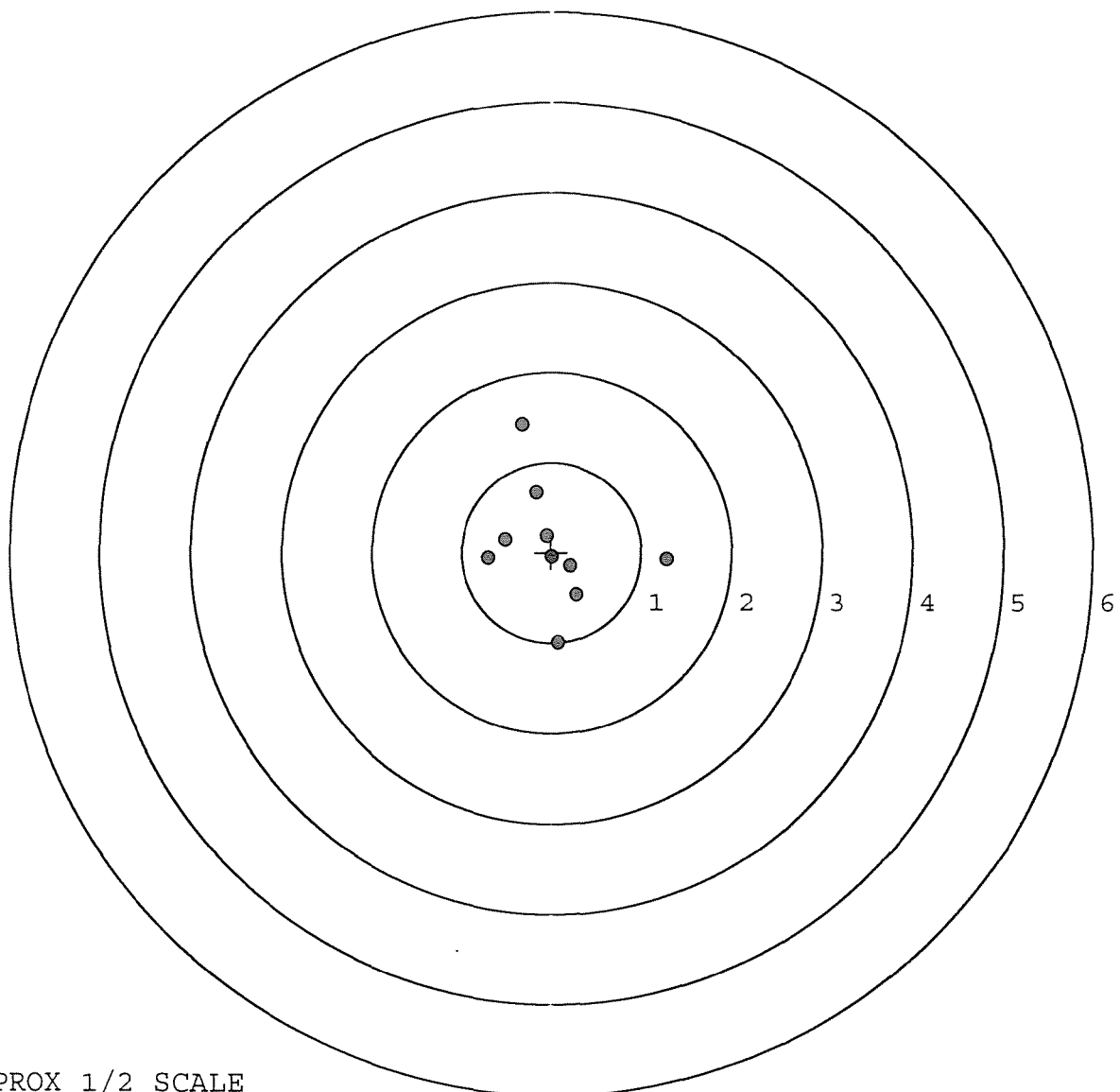
TARGET APPROX 1/2 SCALE

BARBER - M24 0023075

SERIAL NUMBER: C6587578. __0
TARGET NUMBER: 3
FILE DATE: 08/06/2008
FILE TIME: 14:19

POINT#	X	Y
1:	0.075	-1.005
2:	0.283	-0.472
3:	1.285	-0.077
4:	-0.330	1.414
5:	-0.168	0.666
6:	-0.516	0.143
7:	-0.704	-0.061
8:	-0.048	0.184
9:	0.007	-0.051
10:	0.215	-0.153

X CENTROID: 0.010
Y CENTROID: 0.059
POA TO CENTROID: 0.060
HORZ SPREAD: 1.989
VERT SPREAD: 2.419
GROUP SPREAD: 2.453
MIN RADIUS: 0.110
MAX RADIUS: 1.397
MEAN RADIUS: 0.677
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0023076

SERIAL NUMBER: C6587578. __0

TARGET NUMBER: 4

FILE DATE: 08/06/2008

FILE TIME: 14:19

X CENTROID: -0.020

Y CENTROID: 0.179

POA TO CENTROID: 0.180

HORZ SPREAD: 1.192

VERT SPREAD: 1.825

GROUP SPREAD: 1.826

MIN RADIUS: 0.386

MAX RADIUS: 1.259

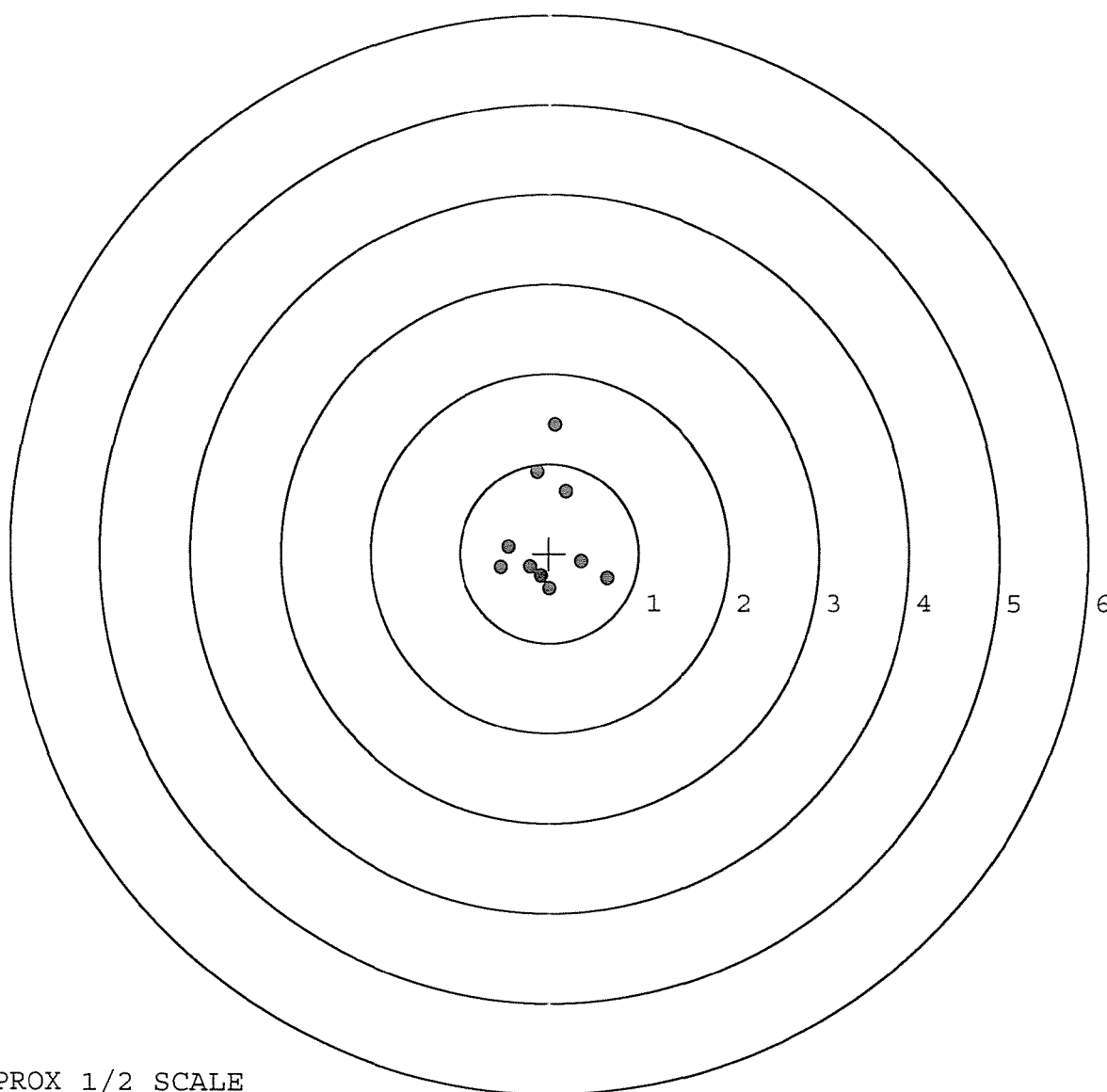
MEAN RADIUS: 0.630

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.188	0.690
2:	-0.140	0.913
3:	0.060	1.435
4:	0.648	-0.276
5:	0.362	-0.093
6:	-0.001	-0.390
7:	-0.097	-0.252
8:	-0.217	-0.153
9:	-0.457	0.075
10:	-0.544	-0.160



TARGET APPROX 1/2 SCALE

BARBER - M24 0023077

SERIAL NUMBER: C6587578. __0

TARGET NUMBER: 5

FILE DATE: 08/06/2008

FILE TIME: 14:19

X CENTROID: -0.089

Y CENTROID: -0.023

POA TO CENTROID: 0.092

HORZ SPREAD: 1.665

VERT SPREAD: 1.392

GROUP SPREAD: 1.760

MIN RADIUS: 0.293

MAX RADIUS: 1.080

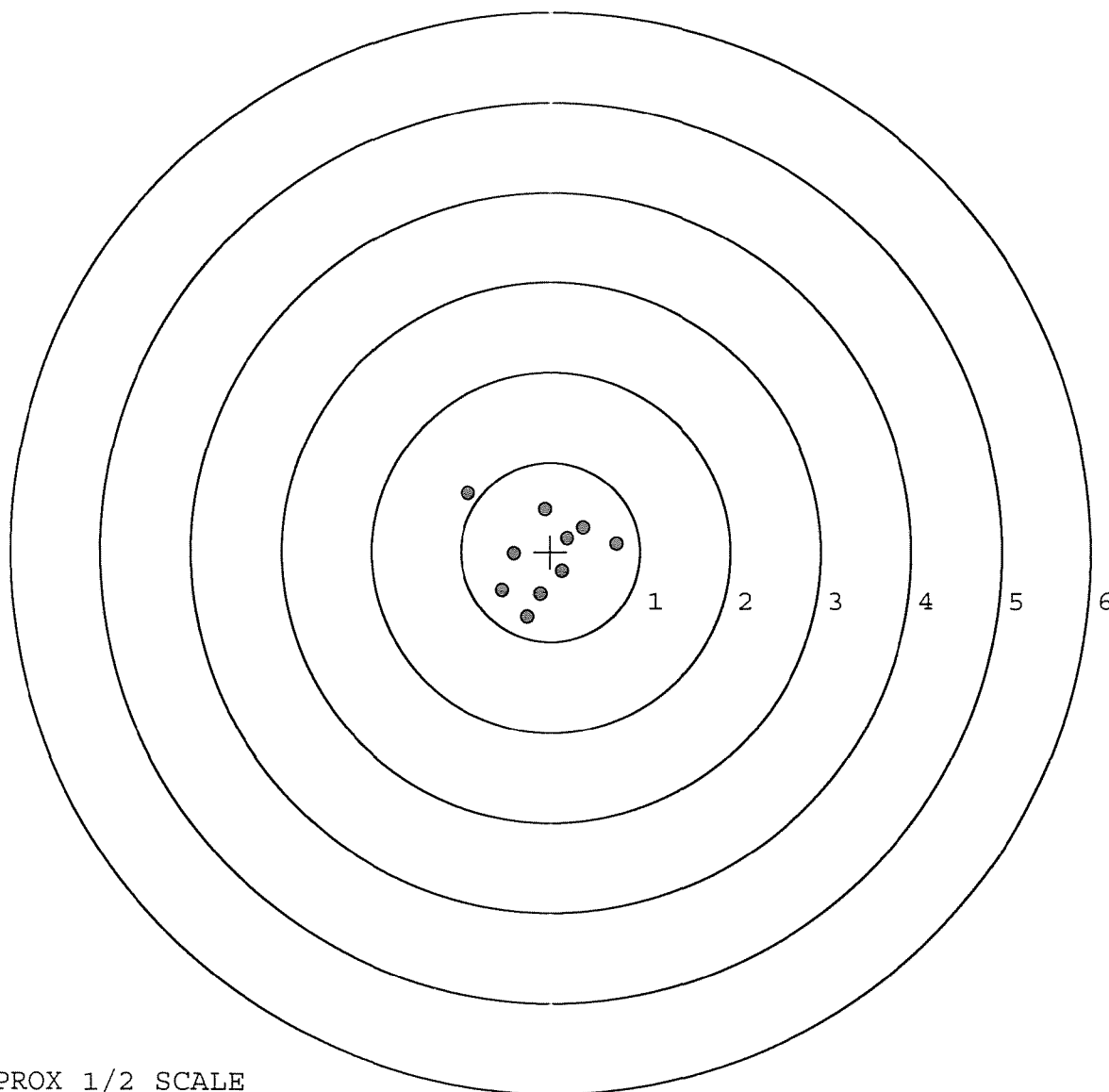
MEAN RADIUS: 0.568

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.739	0.090
2:	0.369	0.267
3:	0.188	0.147
4:	0.133	-0.214
5:	-0.062	0.479
6:	-0.407	-0.026
7:	-0.926	0.660
8:	-0.541	-0.427
9:	-0.120	-0.471
10:	-0.264	-0.732



TARGET APPROX 1/2 SCALE

[illegible]

NMP COPY 2

**From:
Pueblo Chemical Depot
45825 Hwy 96 East, Bldg 78
Pueblo, CO 81006-9330**

[illegible]

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

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

MODEL 700TM M24

SERIAL NO.
C6587578

ORDER NO.
5716

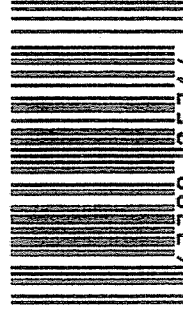
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6587578

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6587578

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/19/90	KS
600	Proof		10/19/90	KS
607	Check Headspace		10/19/90	KS
610	Dis-assemble Gun		10/19/90	KS
612	Magnaflux Barrel Action		10/22/90	KR
	Magnaflux Bolt		10/22/90	KR
615	Rollmark Caliber		10/22/90	SL
617	Drill and Tap Sight Holes		10/23/90	HB
618	Polish Barrel <i>RB</i>		10/24/90	WLB
620	Apply Coatings (Barrel Action)		11-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	KS
	C) Inspect Ejector Hole for Chamfer		11/7/90	KS
	D) Oil Firing Pin Ass'y		11/7/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11/28/90	SL

BARBER - M24 0023084		READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	11/28/90	W.B		
	G) Safety Off Force	2 3/4	2 3/4	2 3/4	11/28/90	W.B		
	H) Trigger Pull Test & Retainability				11/28/90	JS		
	I) Firing Pin Indent	.020	.021	.0205	11/28/90	W.B		
	J) Assemble Stock				11/29/90	KS		
	K) Assemble Swivel Studs				12-4-90	JS		
	L) Attach Front and Rear Sight Assemblies				11/29/90	KS		
	M) Iron Sight Alignment				11/29/90	KS		
	N) Detach Front & Rear Sights & place in numbered container				11/29/90	KS		
	O) Attach Scope to Rifle				11/29/90	KS		
	P) Detach & Attach Scope 20 Times				11/29/90	KS		
640	Gallery Target & Test				12-1-90	AC		
	A) Time				12-1-90	AC		
	B) Malfunctions				12-1-90	AC		
	C) Pierced Primers				12-1-90	AC		
	D) Optical Clarity of Scope				12-1-90	AC		
645	Inspect for Live Ammo				12-1-90	AC		
655	Final Inspection							
	A) Headspace				12-4-90	JS		
	B) Trigger Pull	231	222	214	221	212	12-4-90	JS
	C) Function						12-4-90	JS
660	Pack						12/19/90	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C 6587578

DATE 11-28-90

TESTER JL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.26	2.32	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.32	2.19	2.23	
PULL #3	2.43	2.31	2.21	2.14	
PULL #4	2.41	2.25	2.31	2.21	
PULL #5	2.44	2.32	2.25	2.22	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.03		
PULL #2	3.50	3.45		
PULL #3	3.44	3.44		
PULL #4	3.44	3.50		
PULL #5	3.38	3.42		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.20		4.15
PULL #2	4.13	4.23		4.19
PULL #3	4.34	4.15		4.20
PULL #4	4.23	4.11		4.18
PULL #5	4.12	4.11		4.10
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587578
1 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.180472
1 TO	2	.319751
1 TO	3	.347615
1 TO	4	.328332
1 TO	5	.261169

4.1/23 <----POA

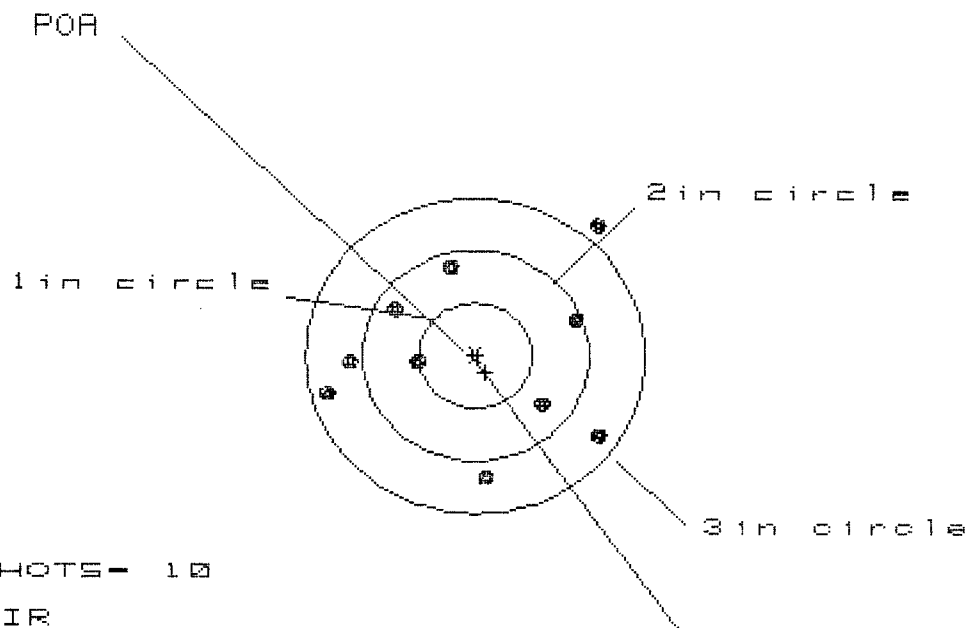
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0934
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0946611

THE AMR FOR THIS RIFLE IS: 1.02

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587578

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.474

VS= 2.338

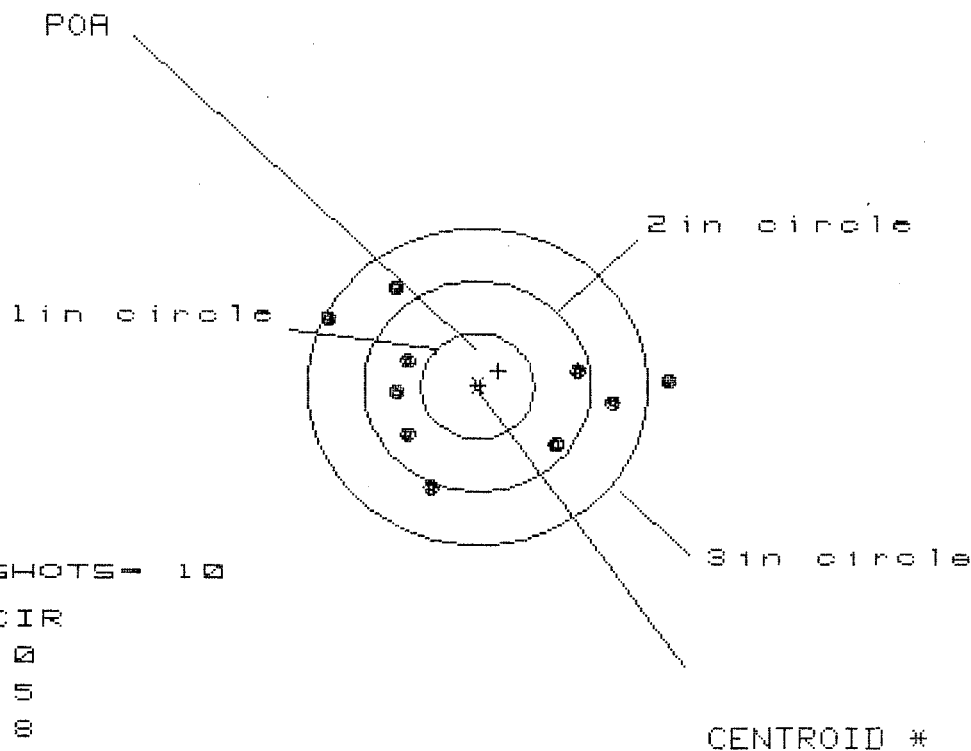
GS= 2.876

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.119	1.238	1.083
MINIMUM X	:	-1.355	-1.236	-1.112
MAXIMUM Y	:	1.194	.993	.965
MINIMUM Y	:	-1.144	-1.011	-1.039
CENTROID X	:	-.089	-.208	-.053
CENTROID Y	:	.157	.024	.052
POA TO CENTROID in.	:	.180	.209	.074
MIN RADIUS	:	.464	.358	.504
MEAN RADIUS	:	1.039	.960	.924
MAX RADIUS	:	1.601	1.406	1.287
HORIZONTAL SPREAD	:	2.474	2.474	2.195
VERTICAL SPREAD	:	2.338	2.004	2.004
EXTREME SPREAD	:	2.876	2.513	2.310
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587578

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 3.014

VS= 1.859

GS= 3.073

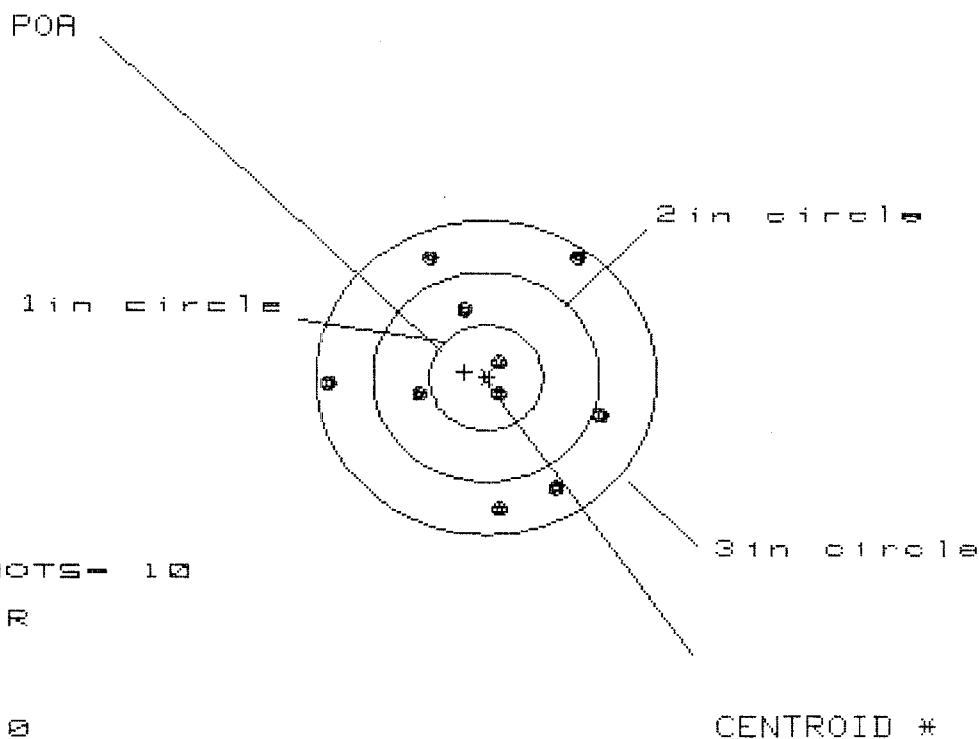
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.652	1.326	1.179
MINIMUM X	:	-1.362	-1.179	-.720
MAXIMUM Y	:	.907	.917	1.005
MINIMUM Y	:	-.952	-.942	-.854
CENTROID X	:	-.185	-.368	-.221
CENTROID Y	:	-.148	-.158	-.246
POA TO CENTROID in.	:	.237	.401	.331
MIN RADIUS	:	.645	.494	.655
MEAN RADIUS	:	1.043	.943	.895
MAX RADIUS	:	1.654	1.373	1.237
HORIZONTAL SPREAD	:	3.014	2.505	1.899
VERTICAL SPREAD	:	1.859	1.859	1.859
EXTREME SPREAD	:	3.073	2.635	2.161
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587578

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 10

HS = 2.321

VS = 2.448

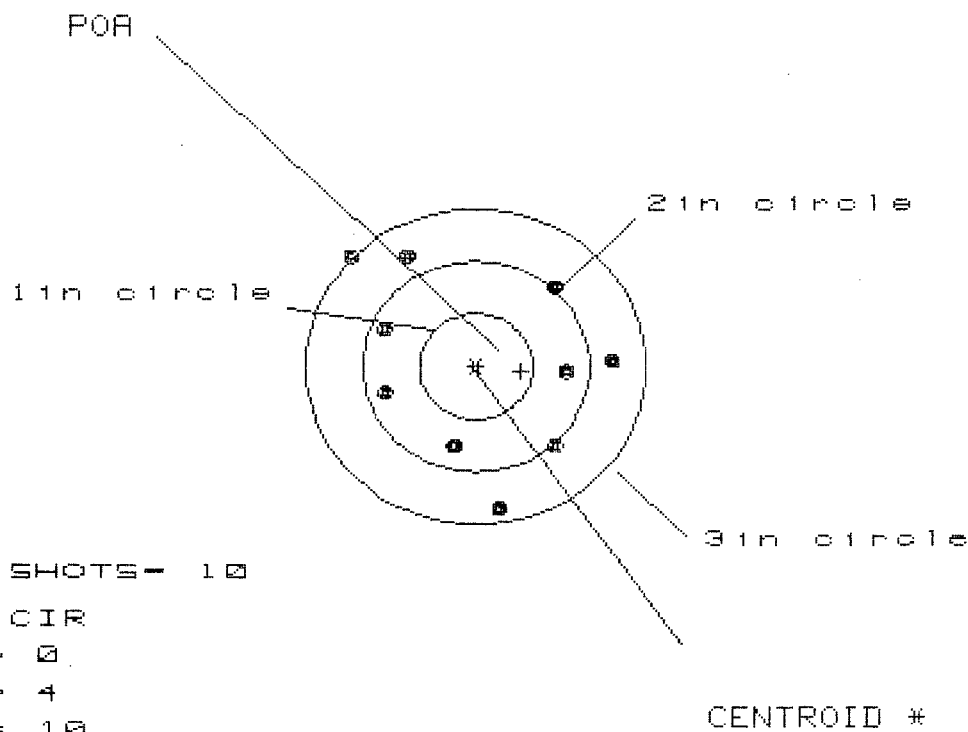
GS = 2.542

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.979	1.063	.906
MINIMUM X	:	-1.342	-1.258	-.700
MAXIMUM Y	:	1.169	1.298	1.313
MINIMUM Y	:	-1.279	-1.150	-1.135
CENTROID X	:	.191	.107	.264
CENTROID Y	:	-.049	-.178	-.193
POA TO CENTROID in.	:	.197	.208	.327
MIN RADIUS	:	.208	.170	.050
MEAN RADIUS	:	.934	.881	.810
MAX RADIUS	:	1.390	1.375	1.448
HORIZONTAL SPREAD	:	2.321	2.321	1.606
VERTICAL SPREAD	:	2.448	2.448	2.448
EXTREME SPREAD	:	2.542	2.542	2.542
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	10		

1 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587578

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 10

HS= 2.255

VS= 2.439

GS= 2.730

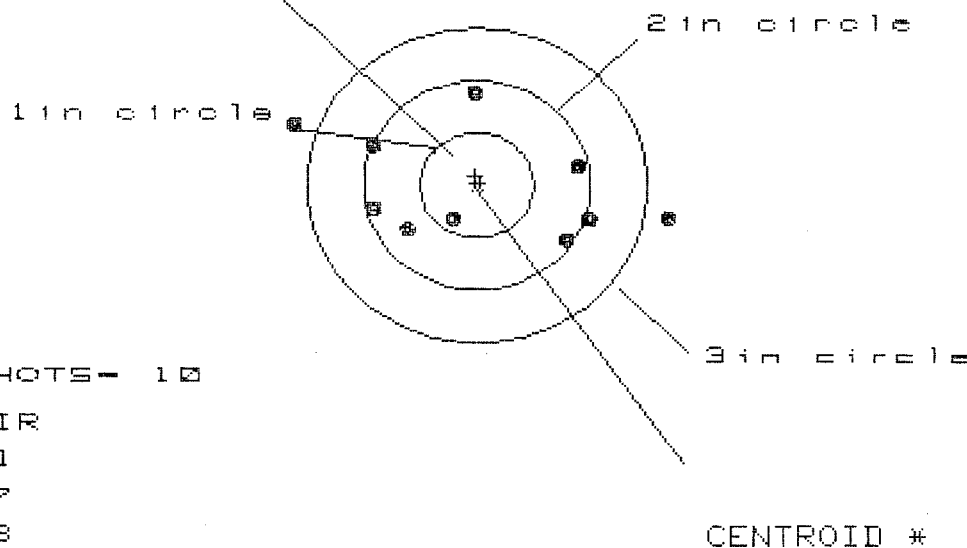
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.185	1.066	1.073
MINIMUM X	:	-1.070	-.960	-.953
MAXIMUM Y	:	1.050	1.166	1.007
MINIMUM Y	:	-1.389	-1.273	-.832
CENTROID X	:	-.398	-.279	-.286
CENTROID Y	:	.046	-.069	.090
POA TO CENTROID in.	:	.401	.288	.300
MIN RADIUS	:	.754	.633	.648
MEAN RADIUS	:	1.077	1.013	.979
MAX RADIUS	:	1.494	1.373	1.237
HORIZONTAL SPREAD	:	2.255	2.026	2.026
VERTICAL SPREAD	:	2.439	2.439	1.839
EXTREME SPREAD	:	2.730	2.559	2.262
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

1 Dec 1938

FILE:/PATTERNING/CENTERFIRE_PATT/C6587578

CENTERFIRE PATTERNS # 5

POR



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 7

3 in - 8

HS - 3.341

VS - 1.326

GS - 3.440

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.699	1.516	.968
MINIMUM X	-1.642	-1.068	-.878
MAXIMUM Y	.857	.917	.890
MINIMUM Y	-.469	-.409	-.436
CENTROID X	.014	.197	.007
CENTROID Y	-.083	-.143	-.116
POR TO CENTROID in.	.084	.243	.116
MIN RADIUS	.331	.428	.300
MEAN RADIUS	1.009	.924	.827
MAX RADIUS	1.730	1.532	1.009
HORIZONTAL SPREAD	3.341	2.584	1.846
VERTICAL SPREAD	1.326	1.326	1.326
EXTREME SPREAD	3.440	2.649	1.956
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		

BARBER - M24 0023092

NUMBER IN THREE INCH CIRCLE =

8

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

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