

C6587533

MODEL 700™ M24

Model **SMS**™

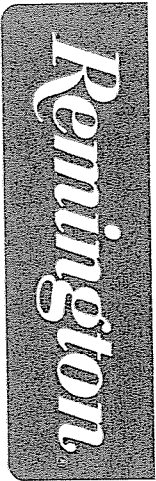
Action

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: RE00136234

Serial: C6587533 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 11/2/2007 10:15:44 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: BARRY MOBERLY

BARRY MOBERLY

Address 1: L-3 COMMUNICATIONS

L-3 COMMUNICATIONS

Address 2: 5749 BRIAR HILL RD BLDG 221

PO Box:

5749 BRIAR HILL RD BLDG 221

PO Box:

City: LEXINGTON

LEXINGTON

State: KY

Zip Code: 40516

Country: US

State: KY

Zip Code: 40516

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
A007	With Stud	3
A008	With Swivel	3
A010	Hard Case	1
A026	Scope	1
A055	Deployment Kit	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

11/2/2007

1:13 PM

CAPS

NUM

INS

SCRL

start

2 Mi...

5 Int...

4 Mi...

Part S...

longo...

Arms ...

1:13 PM

Serial Number: C6587533

Model: M24 SWS



RE00136234

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0022298022225

BARBER - M24 0022187 INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	136234			
SERIAL NUMBER	C6587533			
LOG-IN DATE	11-207			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-8-08	RTZ
505	RE-BARREL		7-9-08	RTZ
420	ASSEMBLE		7-10-08	RTZ
440	PROOF	MAGNA - FLUX JUL 15 2008 OPERATOR _____	7-10-08	SD
460	CHECK HEADSPACE		7-10-08	SD
470	DIS-ASSEMBLE GUN		7-11-08	RTZ
480	MAGNAFLUX		7-11-08	(KB)
510	DRILL AND TAP		7-11-08	SP
500	ROLLMARK CALIBER		7/15/08	RT
520	GOFF BLAST BBL / REC		2-17	cr
530 & 540	APPLY COATINGS		2-22-08	RTZ
560	FINAL ASSEMBLY		7-22-08	RTZ
640	FUNCTION TEST AND	PASS FAIL	9-3-08	R.P.D.
650	TARGET	PASS FAIL	9-3-08	R.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-3-08	TL
670	FINAL INSPECTION		9-10-08	RTZ
	A) HEADSPACE	PASS FAIL	9-8-08	TL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	257 257 253 261 261 9.808	Rgn
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	2.5 2.5 2 9-8-08	TL
	G) SAFETY OFF FORCE	2 LBS MIN	4 4 4 9-8-08	TL
	I) FIRING PIN INDENT	.020	.024 .022 .023 9-8-08	TL
690	PACK		9-11-08	TL

F006 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0022187 0022226

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587533.___0
FILE DATE AND TIME: 09/04/2008 12:16

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

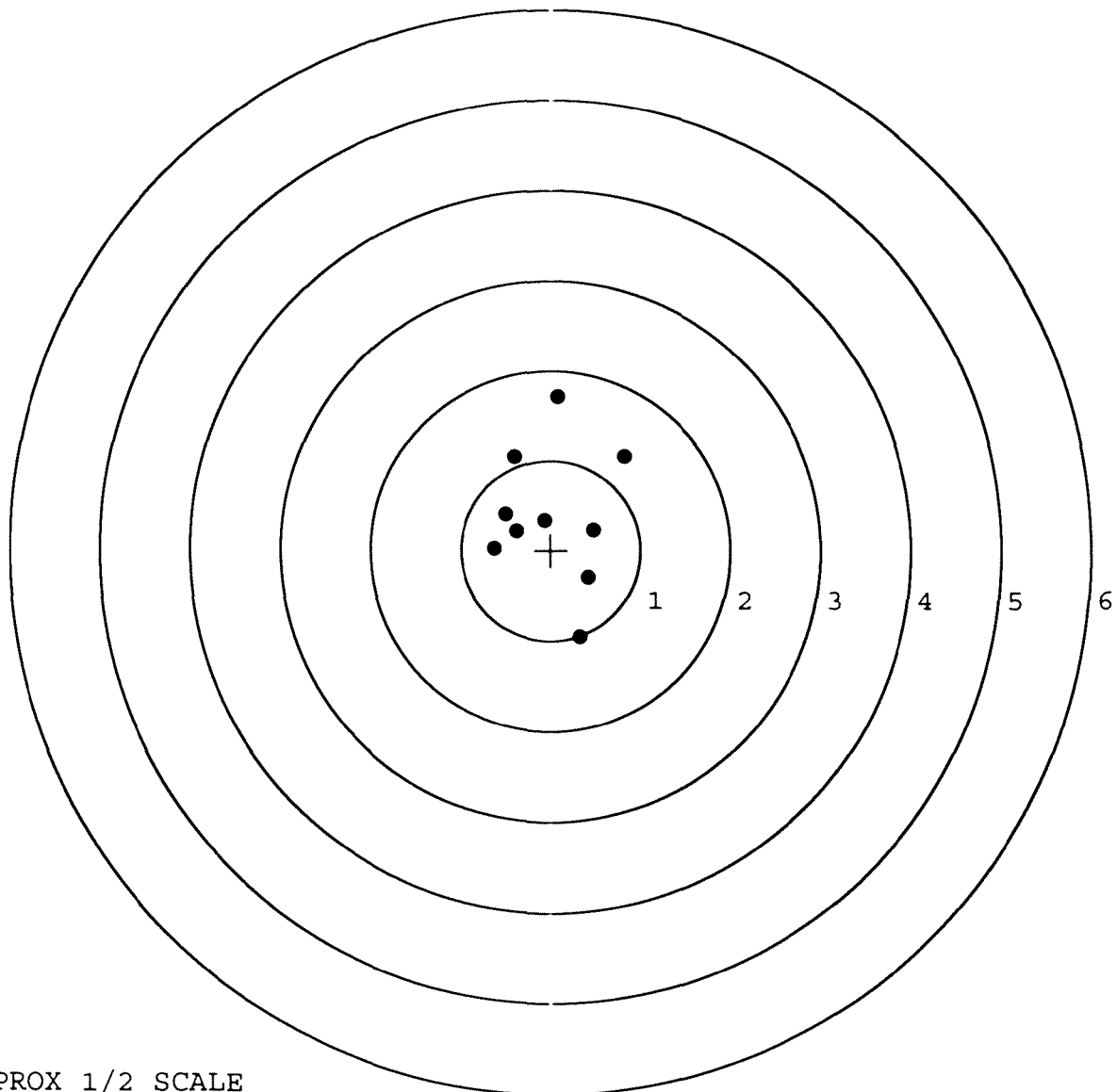
The Average X Centroid of the Five Target Set:	0.054
The Average Y Centroid of the Five Target Set:	0.152
The Average Point of Impact of the Five Target Set:	0.162
The Average Mean Radius of the Five Target Set:	0.712
The Distance from POA to Centroid Target #1:	0.370
The Distance from Centroid Target #2 to Centroid Target #1:	0.186
The Distance from Centroid Target #3 to Centroid Target #1:	0.243
The Distance from Centroid Target #4 to Centroid Target #1:	0.329
The Distance from Centroid Target #5 to Centroid Target #1:	0.380

BARBER - M24 0022189

SERIAL NUMBER: C6587533. __ 0
TARGET NUMBER: 1
FILE DATE: 09/04/2008
FILE TIME: 12:16

X CENTROID: 0.016
Y CENTROID: 0.370
POA TO CENTROID: 0.370
HORZ SPREAD: 1.462
VERT SPREAD: 2.673
GROUP SPREAD: 2.686
MIN RADIUS: 0.093
MAX RADIUS: 1.370
MEAN RADIUS: 0.762
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.339	-0.962
2:	0.424	-0.306
3:	0.482	0.221
4:	0.829	1.042
5:	0.079	1.711
6:	-0.402	1.038
7:	-0.506	0.397
8:	-0.633	0.016
9:	-0.386	0.213
10:	-0.067	0.327



TARGET APPROX 1/2 SCALE

BARBER - M24 0022190

SERIAL NUMBER: C6587533. __0

TARGET NUMBER: 2

FILE DATE: 09/04/2008

FILE TIME: 12:16

X CENTROID: 0.097

Y CENTROID: 0.203

POA TO CENTROID: 0.225

HORZ SPREAD: 1.782

VERT SPREAD: 1.683

GROUP SPREAD: 1.855

MIN RADIUS: 0.061

MAX RADIUS: 1.238

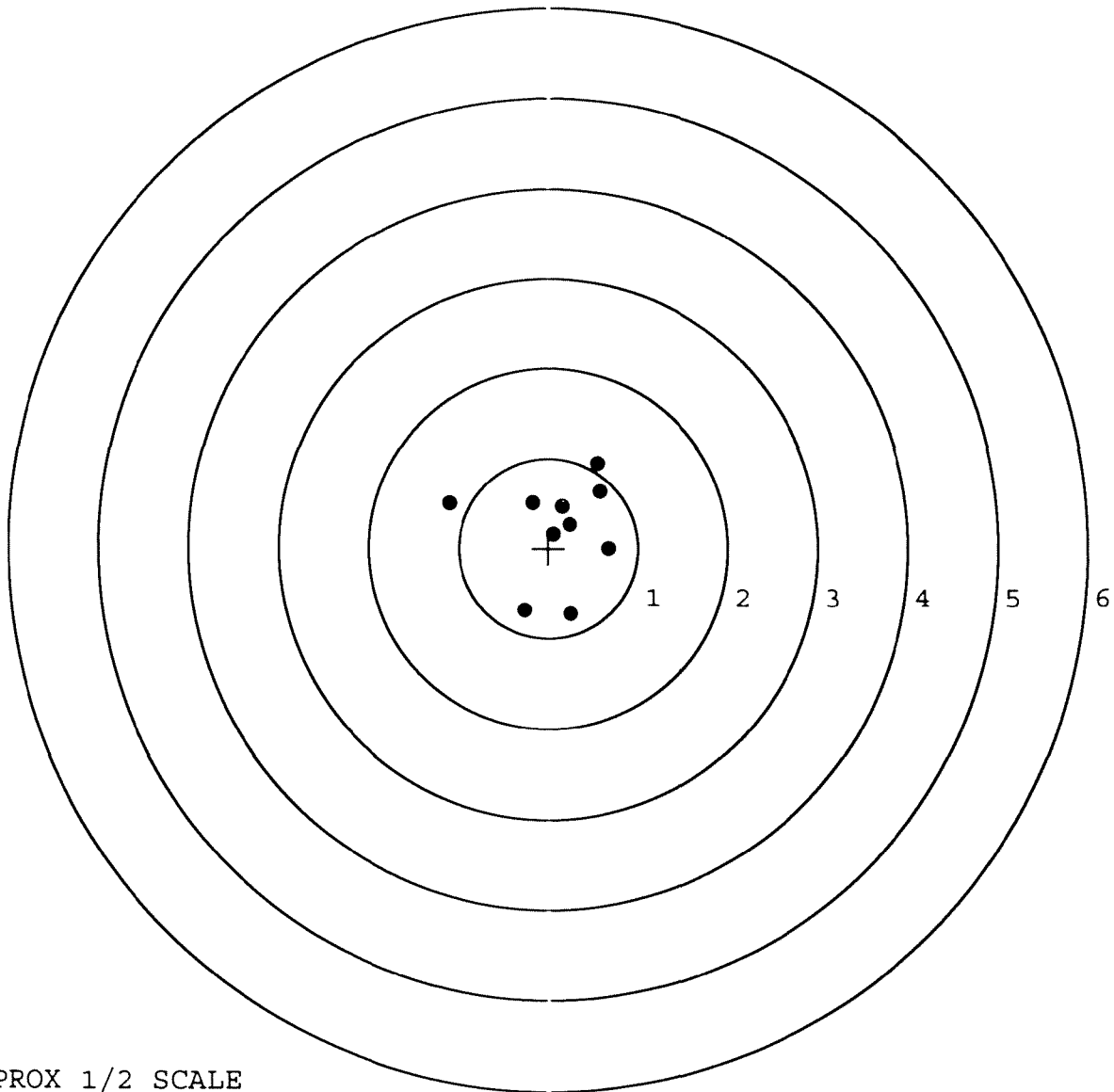
MEAN RADIUS: 0.619

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.271	-0.694
2:	0.248	-0.738
3:	0.679	-0.009
4:	0.583	0.629
5:	0.560	0.945
6:	0.241	0.262
7:	0.156	0.466
8:	0.056	0.158
9:	-0.177	0.505
10:	-1.103	0.505



TARGET APPROX 1/2 SCALE

BARBER - M24 0022191

SERIAL NUMBER: C6587533. __0

TARGET NUMBER: 3

FILE DATE: 09/04/2008

FILE TIME: 12:16

X CENTROID: 0.043

Y CENTROID: 0.128

POA TO CENTROID: 0.135

HORZ SPREAD: 1.571

VERT SPREAD: 1.727

GROUP SPREAD: 1.952

MIN RADIUS: 0.368

MAX RADIUS: 1.101

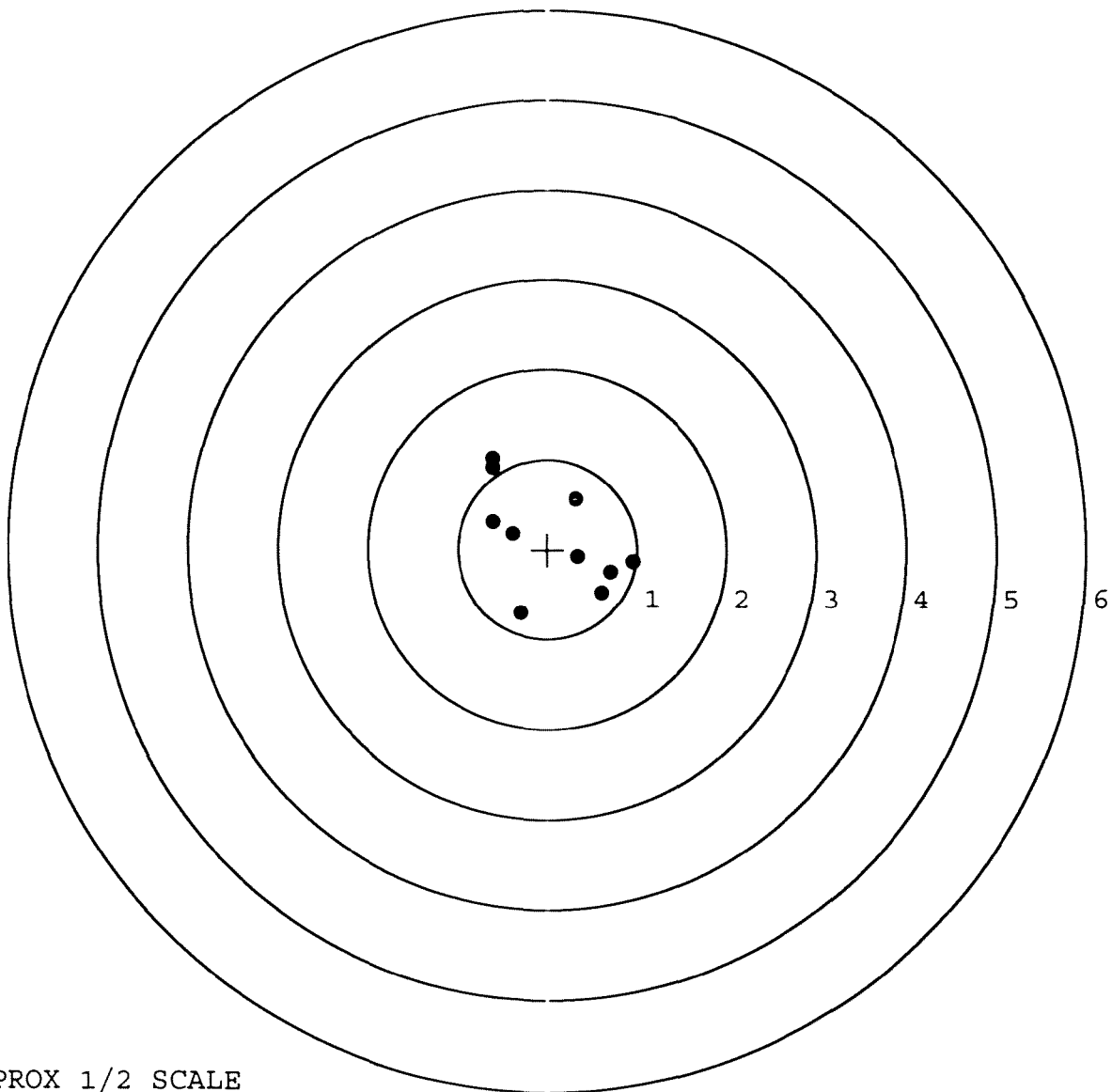
MEAN RADIUS: 0.759

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.297	-0.714
2:	0.609	-0.491
3:	0.959	-0.145
4:	0.711	-0.258
5:	0.344	-0.084
6:	0.325	0.566
7:	-0.391	0.178
8:	-0.607	0.307
9:	-0.607	0.911
10:	-0.612	1.013



TARGET APPROX 1/2 SCALE

BARBER - M24 0022192

SERIAL NUMBER: C6587533. __0

TARGET NUMBER: 4

FILE DATE: 09/04/2008

FILE TIME: 12:16

X CENTROID: -0.035

Y CENTROID: 0.045

POA TO CENTROID: 0.057

HORZ SPREAD: 2.373

VERT SPREAD: 1.746

GROUP SPREAD: 2.535

MIN RADIUS: 0.212

MAX RADIUS: 1.286

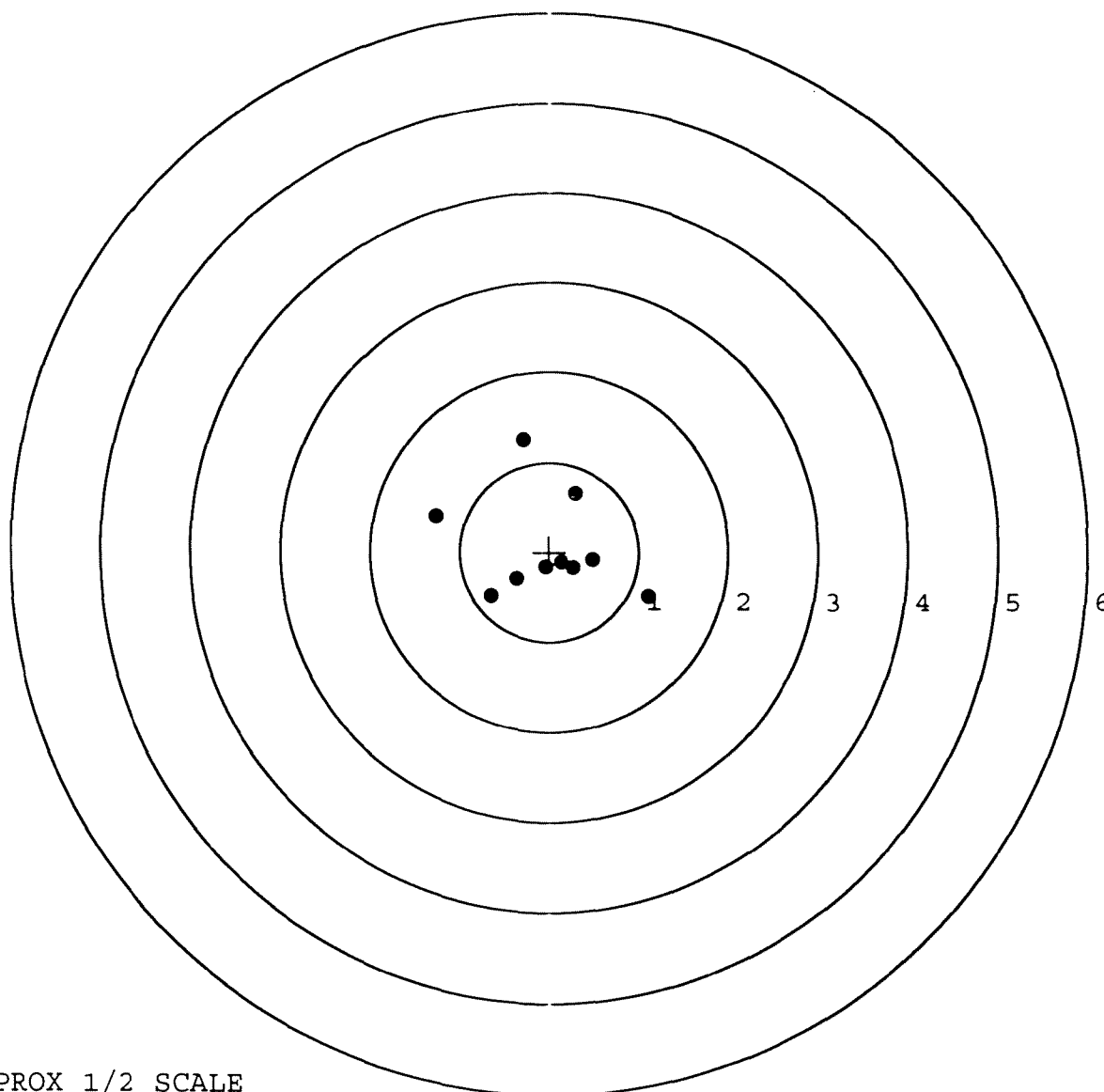
MEAN RADIUS: 0.714

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.656	-0.493
2:	-0.370	-0.306
3:	-0.045	-0.167
4:	0.273	-0.178
5:	0.487	-0.089
6:	1.101	-0.496
7:	0.297	0.650
8:	-0.299	1.250
9:	0.137	-0.118
10:	-1.272	0.396



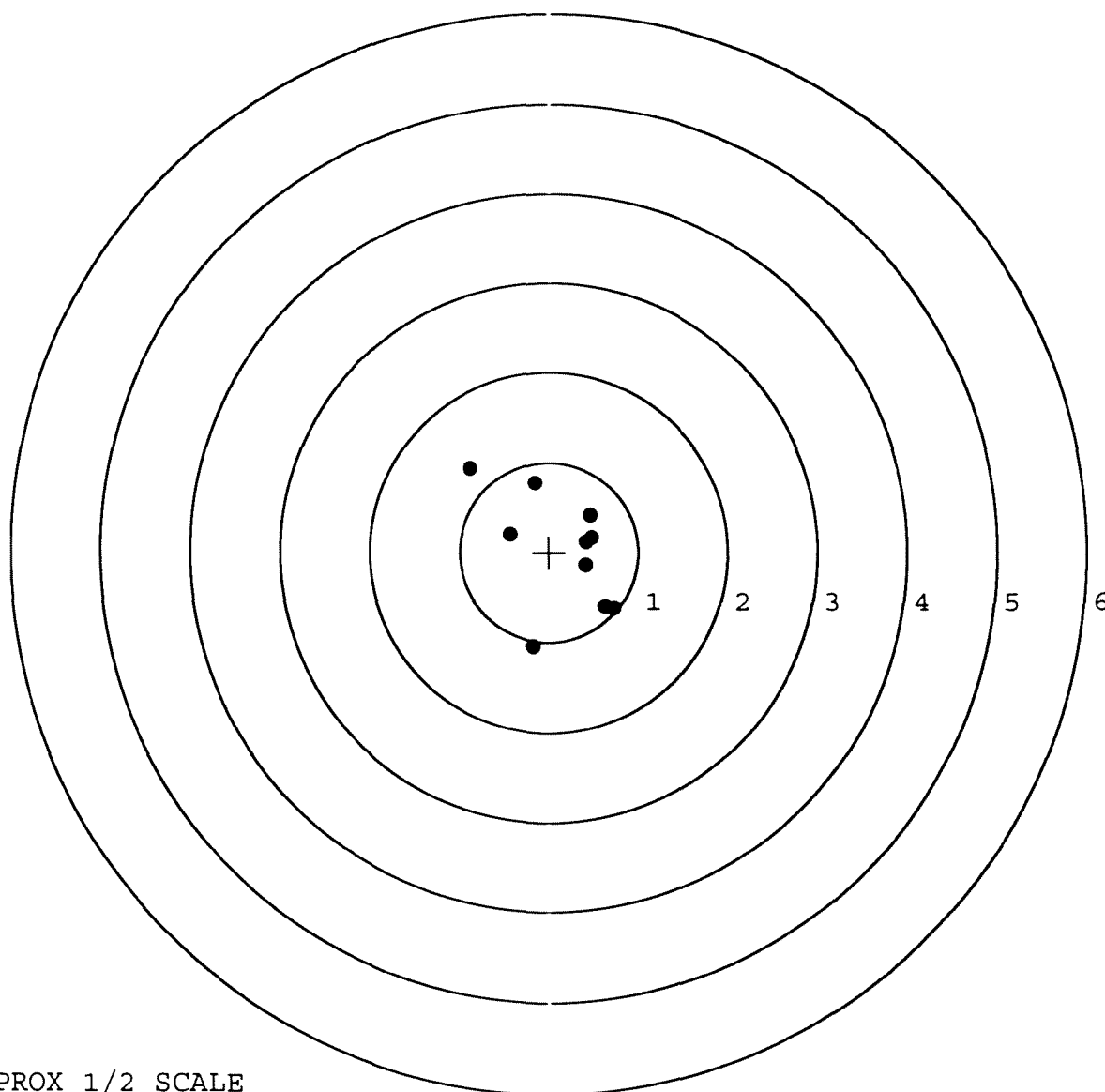
TARGET APPROX 1/2 SCALE

BARBER - M24 0022193

SERIAL NUMBER: C6587533. __0
TARGET NUMBER: 5
FILE DATE: 09/04/2008
FILE TIME: 12:16

X CENTROID: 0.151
Y CENTROID: 0.015
POA TO CENTROID: 0.151
HORZ SPREAD: 1.617
VERT SPREAD: 1.986
GROUP SPREAD: 2.248
MIN RADIUS: 0.292
MAX RADIUS: 1.381
MEAN RADIUS: 0.707
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.178	-1.054
2:	0.735	-0.630
3:	0.635	-0.610
4:	0.415	-0.147
5:	0.425	0.115
6:	0.480	0.162
7:	0.472	0.412
8:	-0.160	0.770
9:	-0.437	0.198
10:	-0.882	0.932



TARGET APPROX 1/2 SCALE

RECEIVED AND ESTIMATE REPORT

COMMENTS

ORDER
R 94-18329

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

DATE RECEIVED 06/11/94 DATE OPENED 06/11/94 DATE CODE SERIAL NUMBER C6587533 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62 NATO

ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

90-0362

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

AL
36201-5025

CUST NO: 098397 CJO.DL

ACCOUNT NUMBER ACCOUNT NUMBER N/C WRITE PROM. DATE ESTIMATED VIA FRT

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

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

PARTS

COMMENTS

Trigger Assy 173.71
Scope Rep 119.43
Clean/Insp/Prep 50.00
343.14

REPAIRMAN	PROOF	CLEAN	TEST AC	TARGET AC	PATTERN
GALLERY TESTER	DATE	DATE	DATE 11/1/95	DATE 11/1/95	DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0622194 22233

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

SERIAL NO. C6587533DATE 10-20-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.33	2.38		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.33	2.34	2.45		
PULL #3	2.37	2.37	2.42		
PULL #4	2.50	2.38	2.40		
PULL #5	2.49	2.41	2.46		
TOTAL	12.02	11.83	12.11		
AVG.	2.40	2.36	2.42		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	3.17		
PULL #2	3.08	3.22		
PULL #3	3.07	3.05		
PULL #4	3.05	3.25		
PULL #5	3.09	3.14		
TOTAL	15.36	15.83		
AVG.	3.07	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.00	4.00	
PULL #2	4.08	3.90	3.96	
PULL #3	4.00	3.97	3.96	
PULL #4	4.07	3.95	3.91	
PULL #5	4.02	3.94	3.95	
TOTAL	20.26	19.78 19.76	19.78	
AVG.	4.05	3.95	3.95	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C-6587533

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			

BARBER - M24 0022197

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.5	4.5	4.5			12-2-95	DA
	G) Safety Off Force	3.5	3.5	4.0			12-2-95	DA
	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	2.07	2.54	2.66	2.65	2.63	12-2-95	DA
	C) Function							
660	Pack							

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6587533	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		01	



5716 C6587533



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587533

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY RESULT	10/22/90	KS
600	Proof		10/22/90	KS
607	Check Headspace		10/22/90	KS
610	Dis-assemble Gun		10/22/90	KS
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	SS
617	Drill and Tap Sight Holes		10/25/90	FB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/8/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/8/90	KS
	C) Inspect Ejector Hole for Chamfer		11/8/90	KS
	D) Oil Firing Pin Ass'y		11/8/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		11-14-90	HL

op. #	BARBER M24 0022200	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			11/15/90	WB
	G) Safety Off Force	7 1/2	7 1/2	7 1/2			11/15/90	WB
	H) Trigger Pull Test & Retainability						11-14-90	RM
	I) Firing Pin Indent	.021	.0215	.021			11/15/90	WB
	J) Assemble Stock						11/15/90	KS
	K) Assemble Swivel Studs						11-20-90	DH
	L) Attach Front and Rear Sight Assemblies						11/15/90	KS
	M) Iron Sight Alignment						11/15/90	KS
	N) Detach Front & Rear Sights & place in numbered container						11/15/90	KS
	O) Attach Scope to Rifle						11/15/90	KS
	P) Detach & Attach Scope 20 Times						11/15/90	KS
640	Gallery Target & Test						11/16/90	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						11/16/90	AF
655	Final Inspection							
	A) Headspace						11-20-90	DH
	B) Trigger Pull	2.91	2.61	2.71	2.78	2.73	11-20-90	DH
	C) Function						11-20-90	DH
660	Pack						12/14/90	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06587533

DATE 11-14-90

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.36	2.50	29/	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.15	2.49	2.23	26/	
PULL #3	2.22	2.34	2.13	29/	
PULL #4	2.32	2.34	2.19	278	
PULL #5	2.29	2.47	2.35	273	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.20		
PULL #2	3.22	3.22		
PULL #3	3.49	3.50		
PULL #4	3.14	3.31		
PULL #5	3.12	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.41		4.50
PULL #2	4.27	4.35		4.46
PULL #3	4.13	4.19		4.49
PULL #4	4.21	4.21		4.50
PULL #5	4.24	4.32		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587533,
17 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.344942
1 TO	2	.365049
1 TO	3	.188404
1 TO	4	.540068
1 TO	5	.145279

5
4 <----POA

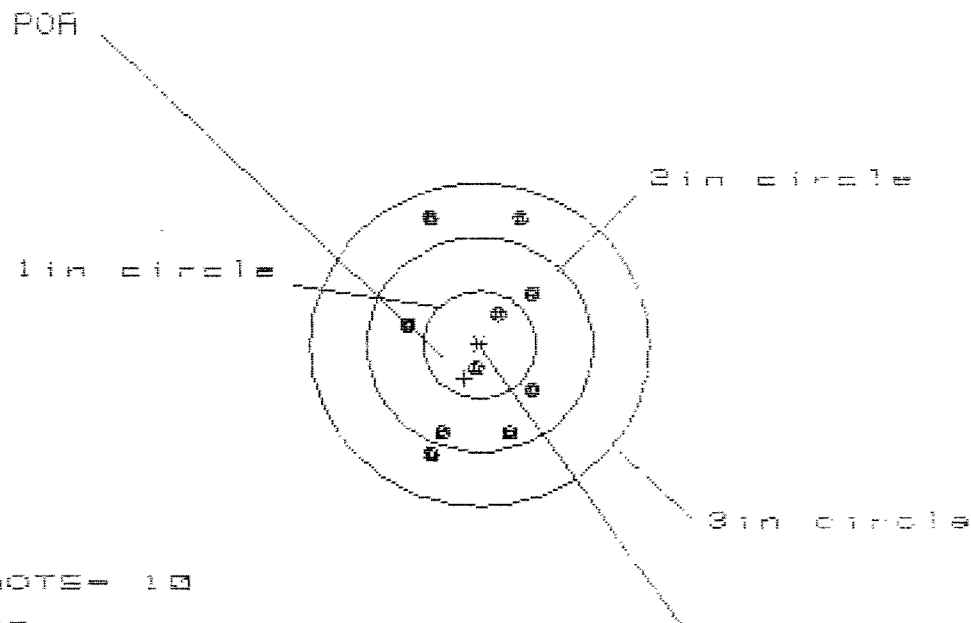
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1288
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1366
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .187747

THE AMR FOR THIS RIFLE IS: .8582

17 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/00597503.1

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.118

VS = 2.182

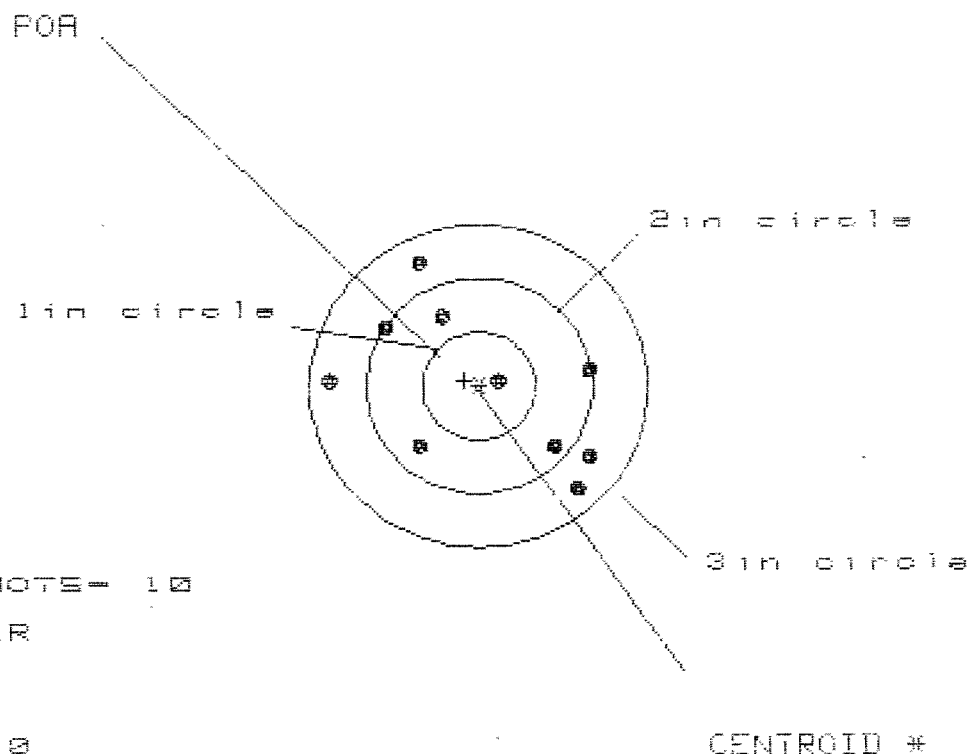
OS = 2.302

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.498	.456	.494
MINIMUM X	-.619	-.662	-.624
MAXIMUM Y	1.134	1.260	.770
MINIMUM Y	-1.048	-.922	-.764
CENTROID X	.136	.178	.140
CENTROID Y	.317	.191	.034
POA TO CENTROID in.	.345	.261	.144
MIN RADIUS	.179	.106	.126
MEAN RADIUS	.776	.713	.629
MAX RADIUS	1.198	1.296	.905
HORIZONTAL SPREAD	1.118	1.118	1.118
VERTICAL SPREAD	2.182	2.182	1.534
EXTREME SPREAD	2.302	2.302	1.763
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

17 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587538.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.278

VS= 2.070

GS= 2.485

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.969	1.068	.917
MINIMUM X	:	-1.309	-1.210	-.862
MAXIMUM Y	:	1.105	.997	.992
MINIMUM Y	:	-.965	-.725	-.730
CENTROID X	:	.130	.031	.182
CENTROID Y	:	-.048	.060	.065
POA TO CENTROID in.	:	.138	.067	.193
MIN RADIUS	:	.157	.229	.090
MEAN RADIUS	:	.941	.893	.833
MAX RADIUS	:	1.312	1.254	1.138
HORIZONTAL SPREAD	:	2.278	2.278	1.779
VERTICAL SPREAD	:	2.070	1.722	1.722
EXTREME SPREAD	:	2.495	2.336	2.238
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	

BARBER - M24 0022205

NUMBER IN THREE INCH CIRCLE =

10

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

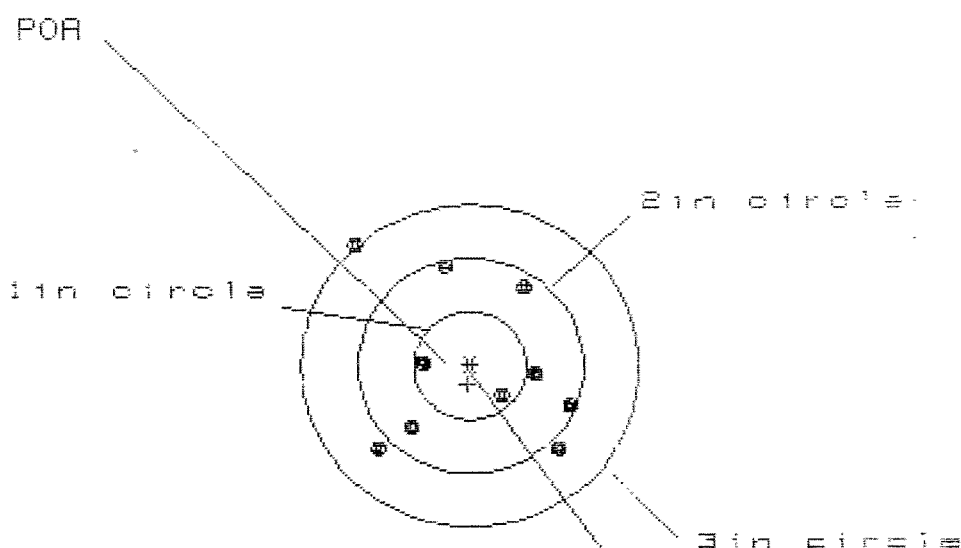
BARBER - M24 0022205 22244

17 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/G6587533.1

CENTERFIRE PATTERNS

3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.841

VS= 1.914

GS= 2.571

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.834	.723	.612
MINIMUM X	:	-1.006	-.883	-.723
MAXIMUM Y	:	1.122	1.046	.962
MINIMUM Y	:	-.792	-.667	-.686
CENTROID X	:	.022	.133	.244
CENTROID Y	:	.167	.042	.126
POA TO CENTROID in.	:	.168	.140	.274
MIN RADIUS	:	.386	.223	.270
MEAN RADIUS	:	.851	.750	.695
MAX RADIUS	:	1.507	1.107	1.067
HORIZONTAL SPREAD	:	1.841	1.606	1.335
VERTICAL SPREAD	:	1.914	1.713	1.648
EXTREME SPREAD	:	2.571	2.002	1.937
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

17 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587533.1

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

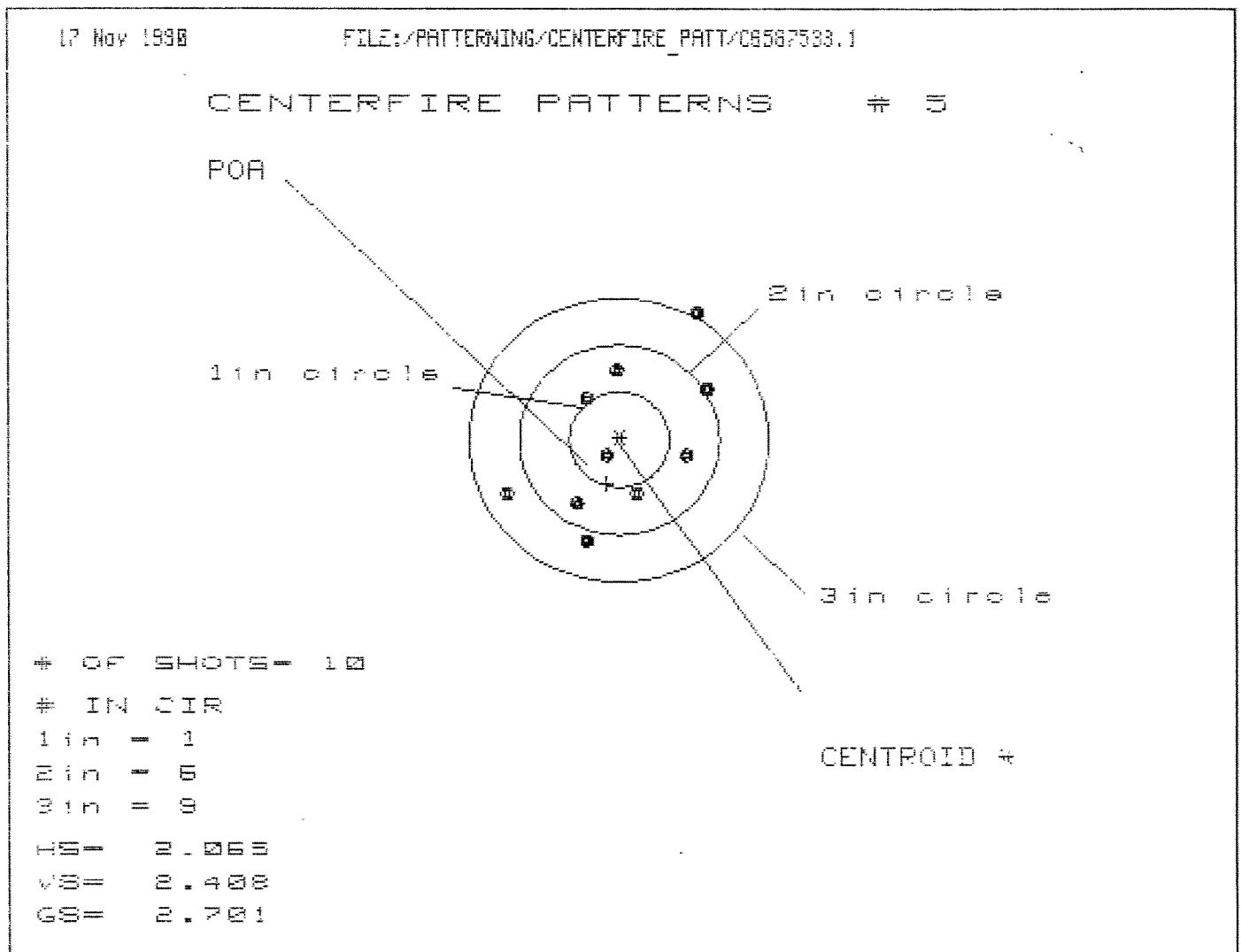
HS= 1.444

VS= 2.590

GS= 2.850

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	.562	.610	.523
MINIMUM X	:	-.882	-.834	-.921
MAXIMUM Y	:	1.198	1.044	1.009
MINIMUM Y	:	-1.392	-1.099	-.969
CENTROID X	:	.229	.181	.268
CENTROID Y	:	-.215	-.061	-.191
POA TO CENTROID in.	:	.314	.190	.329
MIN RADIUS	:	.248	.137	.218
MEAN RADIUS	:	.864	.799	.715
MAX RADIUS	:	1.459	1.257	1.136
HORIZONTAL SPREAD	:	1.444	1.444	1.444
VERTICAL SPREAD	:	2.590	2.143	1.978
EXTREME SPREAD	:	2.850	2.305	2.031
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.900	.985	.850
MINIMUM X	:	-1.165	-1.080	-.465
MAXIMUM Y	:	1.369	.933	.887
MINIMUM Y	:	-1.039	-.887	-.933
CENTROID X	:	.127	.042	.177
CENTROID Y	:	.462	.310	.357
POA TO CENTROID in.	:	.479	.313	.398
MIN RADIUS	:	.237	.065	.204
MEAN RADIUS	:	.859	.747	.705
MAX RADIUS	:	1.566	1.222	1.087
HORIZONTAL SPREAD	:	2.065	2.065	1.315
VERTICAL SPREAD	:	2.408	1.820	1.820
EXTREME SPREAD	:	2.701	2.339	2.045
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587533
17 Nov 1990

CENTROIDAL DISTANCES

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0 TO 1 .181739
1 TO 2 .294966
1 TO 3 .5528
1 TO 4 .178404
1 TO 5 .220118
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25 (-----FOIA
43

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THE AVERAGE X-COORDINATE FOR THIS RIFLE IS:  .1812
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS:  .213442

THE AMR FOR THIS RIFLE IS:  1.387

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17 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587533

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.268

VS= 2.984

GS= 2.986

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.473	.853	.820
MINIMUM X	-.795	-.632	-.665
MAXIMUM Y	1.505	1.437	1.244
MINIMUM Y	-1.479	-1.547	-.605
CENTROID X	.130	-.033	.000
CENTROID Y	-.127	-.059	.134
POA TO CENTROID in.	.182	.068	.134
MIN RADIUS	.196	.295	.269
MEAN RADIUS	.946	.863	.772
MAX RADIUS	1.595	1.570	1.257
HORIZONTAL SPREAD	2.268	1.485	1.485
VERTICAL SPREAD	2.984	2.984	1.849
EXTREME SPREAD	2.986	2.986	1.922
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

17 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587533

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 3

3 in = 5

HS= 3.180

VS= 3.451

GS= 4.191

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.664	1.760	1.583
MINIMUM X	:	-1.516	-1.420	-1.472
MAXIMUM Y	:	1.454	1.232	1.238
MINIMUM Y	:	-1.997	-1.637	-1.482
CENTROID X	:	-.084	-.180	-.003
CENTROID Y	:	.076	.298	.143
POA TO CENTROID in.	:	.113	.348	.144
MIN RADIUS	:	.853	.773	.749
MEAN RADIUS	:	1.485	1.388	1.309
MAX RADIUS	:	2.175	2.087	2.089
HORIZONTAL SPREAD	:	3.180	3.180	3.055
VERTICAL SPREAD	:	3.451	2.869	2.721
EXTREME SPREAD	:	4.191	3.597	3.491
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

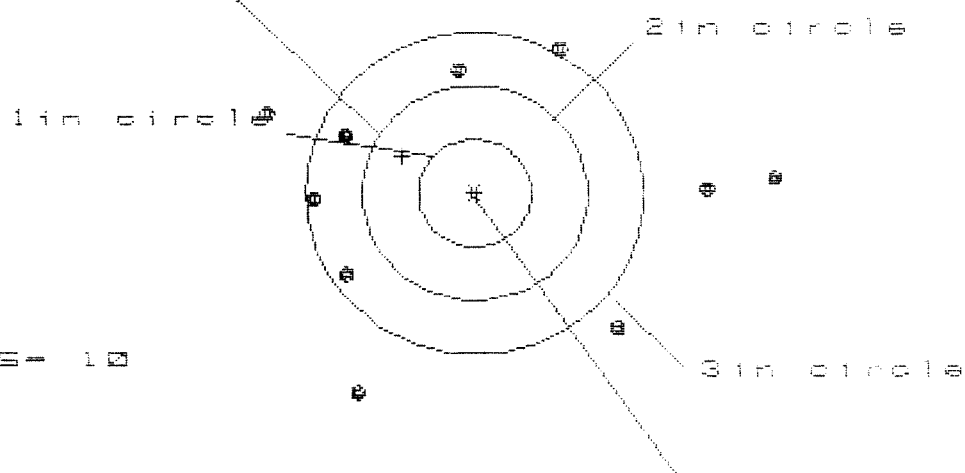
17 Nov 1938

FILE:/PATTERNING/CENTERFIRE_PATT/C6587533

CENTERFIRE PATTERNS

3

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 0

3in = 4

HS= 4.500

VS= 3.223

GS= 4.547

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.652	2.329	2.231
MINIMUM X	:	-1.848	-1.553	-1.651
MAXIMUM Y	:	1.322	1.336	1.100
MINIMUM Y	:	-1.901	-1.887	-1.489
CENTROID X	:	.638	.343	.441
CENTROID Y	:	-.345	-.359	-.123
POA TO CENTROID in.	:	.725	.497	.458
MIN RADIUS	:	1.134	1.002	.906
MEAN RADIUS	:	1.737	1.581	1.504
MAX RADIUS	:	2.655	2.331	2.234
HORIZONTAL SPREAD	:	4.500	3.882	3.882
VERTICAL SPREAD	:	3.223	3.223	2.589
EXTREME SPREAD	:	4.547	3.942	3.942
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		0	
NUMBER IN THREE INCH CIRCLE	=		4	

17 Nov 1988

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CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.727

VS= 3.888

GS= 3.893

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.831	1.828	1.800
MINIMUM X	-.897	-.899	-.926
MAXIMUM Y	2.024	1.243	1.038
MINIMUM Y	-1.864	-1.639	-.709
CENTROID X	-.012	-.010	.018
CENTROID Y	-.235	-.460	-.255
POA TO CENTROID in.	.235	.460	.255
MIN RADIUS	.280	.210	.291
MEAN RADIUS	1.199	1.084	1.016
MAX RADIUS	2.024	1.831	1.825
HORIZONTAL SPREAD	2.727	2.727	2.727
VERTICAL SPREAD	3.888	2.882	1.747
EXTREME SPREAD	3.893	2.887	2.758
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

17 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587533

CENTERFIRE PATTERNS # 5

FOR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 0

2 in = 2

3 in = 6

HS= 3.645

VS= 4.264

ES= 4.618

PATTERN #

5

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.243	1.324	1.271
MINIMUM X	:	-1.482	-1.152	-1.987
MAXIMUM Y	:	2.099	2.189	1.705
MINIMUM Y	:	-2.165	-2.075	-1.802
CENTROID X	:	.234	-.016	-.181
CENTROID Y	:	.067	-.023	-.296
FOR TO CENTROID in.	:	.243	.027	.347
MIN RADIUS	:	.768	.766	.642
MEAN RADIUS	:	1.566	1.438	1.269
MAX RADIUS	:	2.385	2.558	1.824
HORIZONTAL SPREAD	:	3.645	2.476	2.258
VERTICAL SPREAD	:	4.264	4.264	3.507
EXTREME SPREAD	:	4.618	4.618	3.507
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	