

C6225094

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

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: RE00146422

Serial: C6225094 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 6/16/2008 6:13:40 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SR WOC3 USA NAT SPT CEN KOREA

SR WOC3 USA NAT SPT CEN KOREA

Address 1: CL VII STOR ACTV

CL VII STOR ACTV

Address 2: BLDG 611 CAMP CARROLL

PO Box:

BLDG 611 CAMP CARROLL

PO Box:

City: WAEGWAN

WAEGWAN

State: KR

Zip Code:

Country: ☒ KR

State: KR

Zip Code:

Country: ☒ KR

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/16/2008

9:14 AM

CAPS

NUM

INS

SCRL

H start

3 Mic...

Google...

3 Mic...

Part S...

Arms S...

USAF

9:14 AM

Reset

Number: C6225094

Model: M24 SWS



RE00146422

BARBER - M24 0048740 INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	146422		
SERIAL NUMBER	C6225094		
LOG-IN DATE	6-16-08		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-16-08	RTL
505	RE-BARREL	6-16-08	BSW
420	ASSEMBLE	6-16-08	SP
440	PROOF	6-16-08	SD
460	CHECK HEADSPACE	6-16-08	SD
470	DIS-ASSEMBLE GUN	6-16-08	RP
480	MAGNAFLUX	6-17-08	Wm
510	DRILL AND TAP	6-17-08	TRW
500	ROLLMARK CALIBER	6-17-08	RT
520	GOFF BLAST BBL / REC	6-16-08	TL
530 & 540	APPLY COATINGS	6-19-08	Wm
560	FINAL ASSEMBLY	8-8-08	RTL
640	FUNCTION TEST AND	PASS FAIL 9-17-08	Fm
650	TARGET	PASS FAIL 9-17-08	Fm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-17-08	TL
	A) HEADSPACE	PASS FAIL 9-18-08	TL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.62 2.55 2.55 2.56 2.53 9-18-08	TL
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 2 2 2 9-18-08	TL
	G) SAFETY OFF FORCE	2 LBS 3 3 3 9-18-08	TL
	I) FIRING PIN INDENT	.020 .022 .022 .022 9-18-08	TL
690	PACK	10/17/08	Fm

F006 REV 5/2006

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION Stor Div (QC-2), D/S&T				2. NOMENCLATURE AND MODEL RIFLE 7.62mm SNIPER, M24			
3. REGISTRATION/SERIAL/NSN C6225094		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE 02 Apr' 2008	6. TYPE INSPECTION Visual Insp Only
7. APPLICABLE REFERENCE							
TM NUMBER TM 9-1005-306-10, Ch # 8		TM DATE 13 Jun' 2003		TM NUMBER		TM DATE	
COLUMN a - Enter TM item number. COLUMN b - Enter the applicable condition status symbol. COLUMN c - Enter deficiencies and shortcomings.				COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e - Individual ascertaining completed corrective action initial in this column.			
STATUS SYMBOLS "X" - Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X" - Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "(-)" - Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished. DIAGONAL "(/)" - Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists. FOR AIRCRAFT - Status symbols will be recorded in red.							
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.							
8a. SIGNATURE (Person(s) performing inspection) CHONG, MAN-KUN		8b. TIME MSC-R 329		9a. SIGNATURE (Maintenance Supervisor)		9b. TIME	10. MANHOURS REQUIRED
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c		CORRECTIVE ACTION d		INITIAL WHEN CORRECTED e	
		Parts List		T / C S			
C-2/2	M	Sling, Small Arms		1005-00-714-1245	1 EA	\$ 27.91	
C-3/2	M	Case, Scope		1005-01-260-2666	1 EA	\$ 246.00	
C-4/1	M	Deployment Case		1005-01-260-2647	1 EA	\$ 24.45	
2	M	Firing Pin Assy		1005-01-260-2636	1 EA	\$ 17.30	
3	M	Front Guard Screw		1005-01-260-2656	1 EA	\$ 2.45	
4	M	Rear Guard Screw		1005-01-260-2655	1 EA	\$ 2.38	
5	M	Front Sight Base Screw		1005-01-260-2654	1 EA	\$ 4.22	
6	M	Swivel Screw		1005-01-260-2641	1 EA	\$ 2.45	
7	M	Swivel, Sling		1005-01-260-2640	1 EA	\$ 5.11	
8	M	Front Sight Insert Kit		1005-01-260-2637	1 KT	\$ 20.76	
9	M	Rear Sight Base Screw		1005-01-260-2653	1 EA	\$ 3.50	
10	M	Trigger Pull Adj. Screw		1005-01-260-2657	1 EA	\$ 3.25	
				See Reverse Side			

DA FORM 2404, APR 79

Replaces edition of 1 Jan 64, which will be used

USAPPC V1.10

BARBER - M24 0048742

TM ITEM NO. <i>a</i>	STATUS <i>b</i>	DEFICIENCIES AND SHORTCOMINGS <i>c</i>	CORRECTIVE ACTION <i>d</i>			INITIAL WHEN CORRECTED <i>e</i>
11	M	Brush, Cleaning Small	1005-00-494-6602	1 EA	\$ 0.47	
12	M	Socket Wrench, 3/8" DR, 5/32" Bit	5120-00-969-0071	1 EA	\$ 5.20	
13	M	Key Socket, .050"	5120-00-198-5401	1 EA	\$ 0.08	
14	M	Key, socket, 1/16"	5120-00-198-5398	1 EA	\$ 0.08	
15	M	Key, Socket, 5/64"	5120-00-224-2504	1 EA	\$ 0.06	
16	M	Key, socket, 3/32"	5120-00-242-7410	1 EA	\$ 0.08	
17	M	Key, socket, 7/64"	5120-00-889-2162	1 EA	\$ 10.49	
18	M	Key, Socket, 1/8"	5120-00-240-5292	1 EA	\$ 0.10	
19	M	Key, Socket	5120-00-198-5392	1 EA	\$ 0.15	
20	M	T-Handle combo	5120-00-832-6223	1 EA	\$ 5.04	
21	M	Day Optic Sight, Windage	1005-01-260-2648	1 EA	\$ 44.46	
22	M	Day Optic Sight, Elevation	1005-01-260-2649	1 EA	\$ 44.46	
23	M	Day Optic Sight, Focus	1005-01-262-2817	1 EA	\$ 44.46	
24	M	Day Optic Sight, Adi.	1005-01-260-2642	1 EA	\$ 12.87	
25	M	Day Optic Sight, Ring	1005-01-260-2650	1 EA	\$ 2.38	
26	M	Day Optic Sight, Front	1005-01-260-2651	1 EA	\$ 2.38	
27	M	Day Optic sight, Rear	1005-01-260-2652	1 EA	\$ 2.45	
28	M	Day Optic sight Dust Cover, Front	1005-01-260-2643	1 EA	\$ 13.27	
29	M	Day Optic sight Dust Cover, Rear	1005-01-260-2644	1 EA	\$ 13.67	
30	M	Brush, Chamber	1005-00-690-8441	1 EA	\$ 2.41	
31	M	Brush, Bore	1005-00-556-4174	1 EA	\$ 0.52	
32	M	Oil	9510-00-889-3522	1 BT	\$ 2.94	
33	M	Magazine Spring	1005-01-260-2639	1 EA	\$ 4.90	
34	M	Magazine Follower	1005-01-260-2638	1 EA	\$ 17.71	
35	M	Socket Wrench, 1/2"	5120-00-227-6702	1 EA	\$ 1.64	
36	M	T-Handle Torque Wrench	1005-01-260-2645	1 EA	\$ 153.00	
37	M	Wrench, Box & Open, 1/2"	5120-00-229-9506	1 EA	\$ 4.27	
			See Reverse Side			

USAPPC V1.10

BARBER - M24 0048743

[illegible]

USAPPC V1.10

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 **M2400048782**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225094.__0
FILE DATE AND TIME: 09/17/2008 14:05

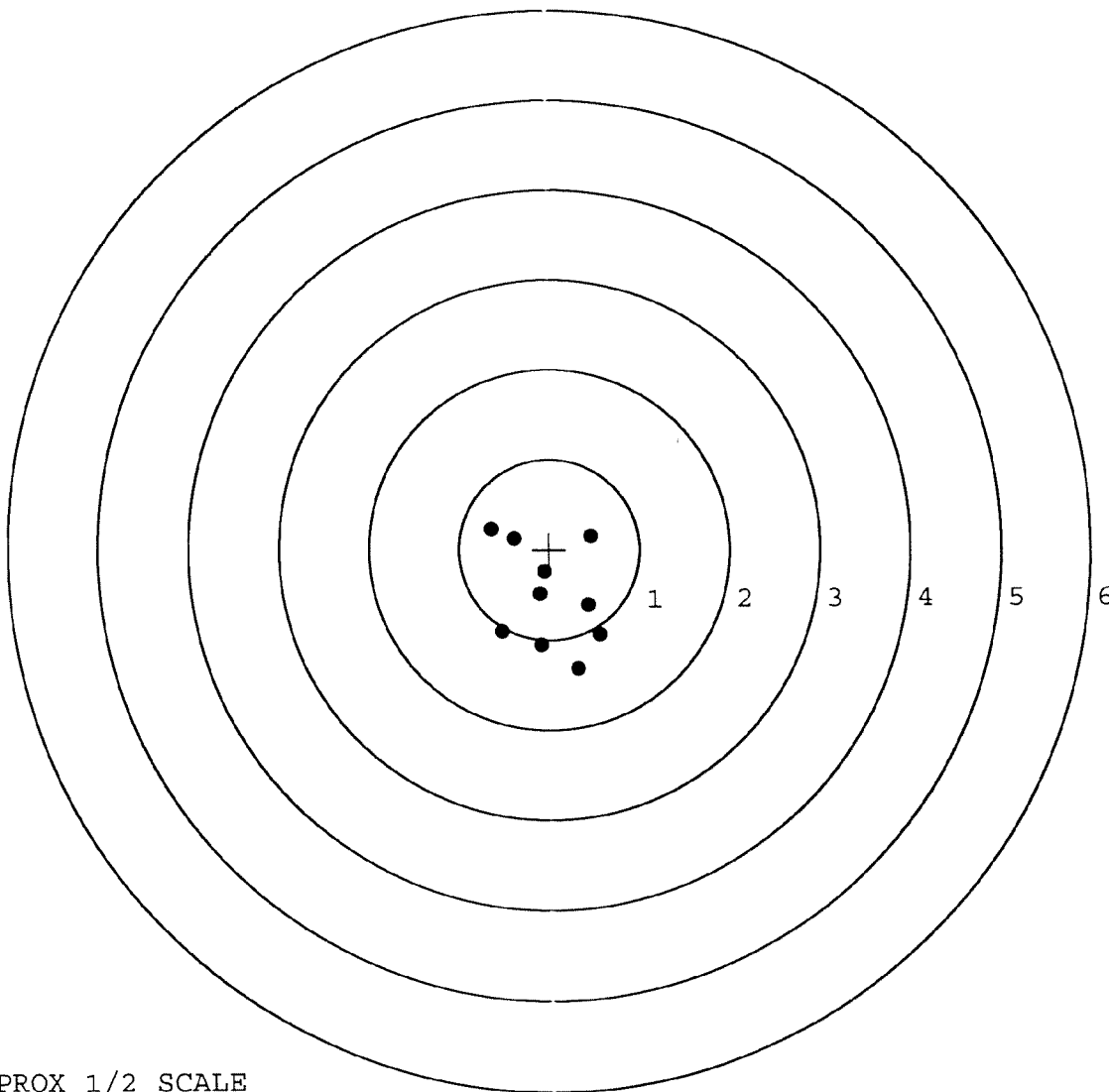
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.120
The Average Y Centroid of the Five Target Set:	-0.206
The Average Point of Impact of the Five Target Set:	0.239
The Average Mean Radius of the Five Target Set:	0.650
The Distance from POA to Centroid Target #1:	0.510
The Distance from Centroid Target #2 to Centroid Target #1:	0.242
The Distance from Centroid Target #3 to Centroid Target #1:	0.455
The Distance from Centroid Target #4 to Centroid Target #1:	0.496
The Distance from Centroid Target #5 to Centroid Target #1:	0.503

SERIAL NUMBER: C6225094. __0
 TARGET NUMBER: 1
 FILE DATE: 09/17/2008
 FILE TIME: 14:05

POINT#	X	Y
1:	-0.533	-0.909
2:	-0.098	-1.064
3:	0.314	-1.323
4:	0.557	-0.941
5:	0.431	-0.619
6:	-0.112	-0.495
7:	0.461	0.148
8:	-0.390	0.123
9:	-0.643	0.227
10:	-0.055	-0.250

X CENTROID: -0.007
 Y CENTROID: -0.510
 POA TO CENTROID: 0.510
 HORZ SPREAD: 1.200
 VERT SPREAD: 1.550
 GROUP SPREAD: 1.822
 MIN RADIUS: 0.106
 MAX RADIUS: 0.974
 MEAN RADIUS: 0.615
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



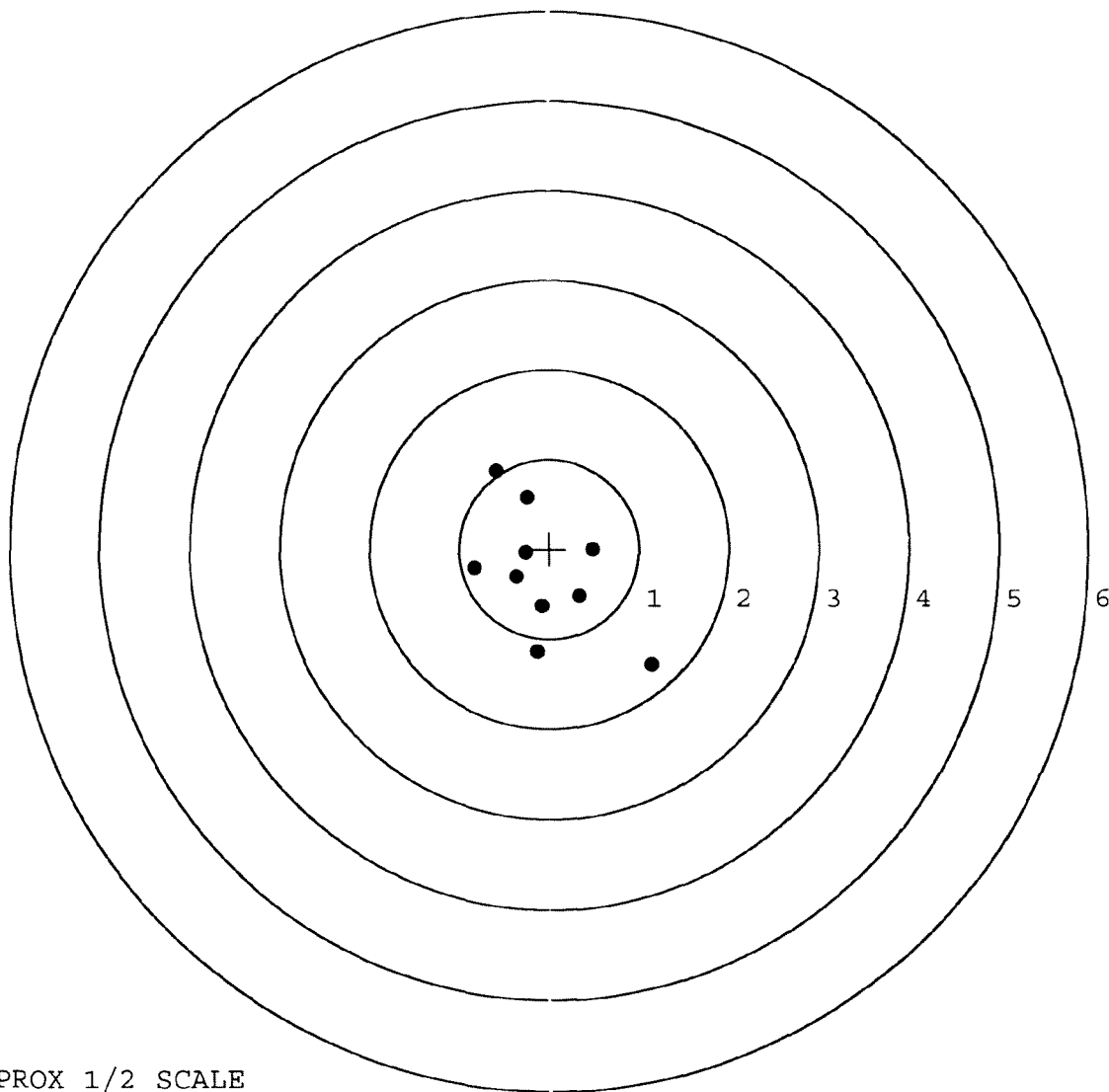
TARGET APPROX 1/2 SCALE

BARBER - M24 0048746

SERIAL NUMBER: C6225094. __0
 TARGET NUMBER: 2
 FILE DATE: 09/17/2008
 FILE TIME: 14:05

POINT#	X	Y
1:	-0.137	-1.150
2:	1.145	-1.292
3:	0.336	-0.522
4:	0.481	0.003
5:	-0.081	-0.641
6:	-0.365	-0.313
7:	-0.262	-0.046
8:	-0.240	0.574
9:	-0.592	0.867
10:	-0.828	-0.211

X CENTROID: -0.054
 Y CENTROID: -0.273
 POA TO CENTROID: 0.278
 HORZ SPREAD: 1.973
 VERT SPREAD: 2.159
 GROUP SPREAD: 2.771
 MIN RADIUS: 0.308
 MAX RADIUS: 1.574
 MEAN RADIUS: 0.741
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

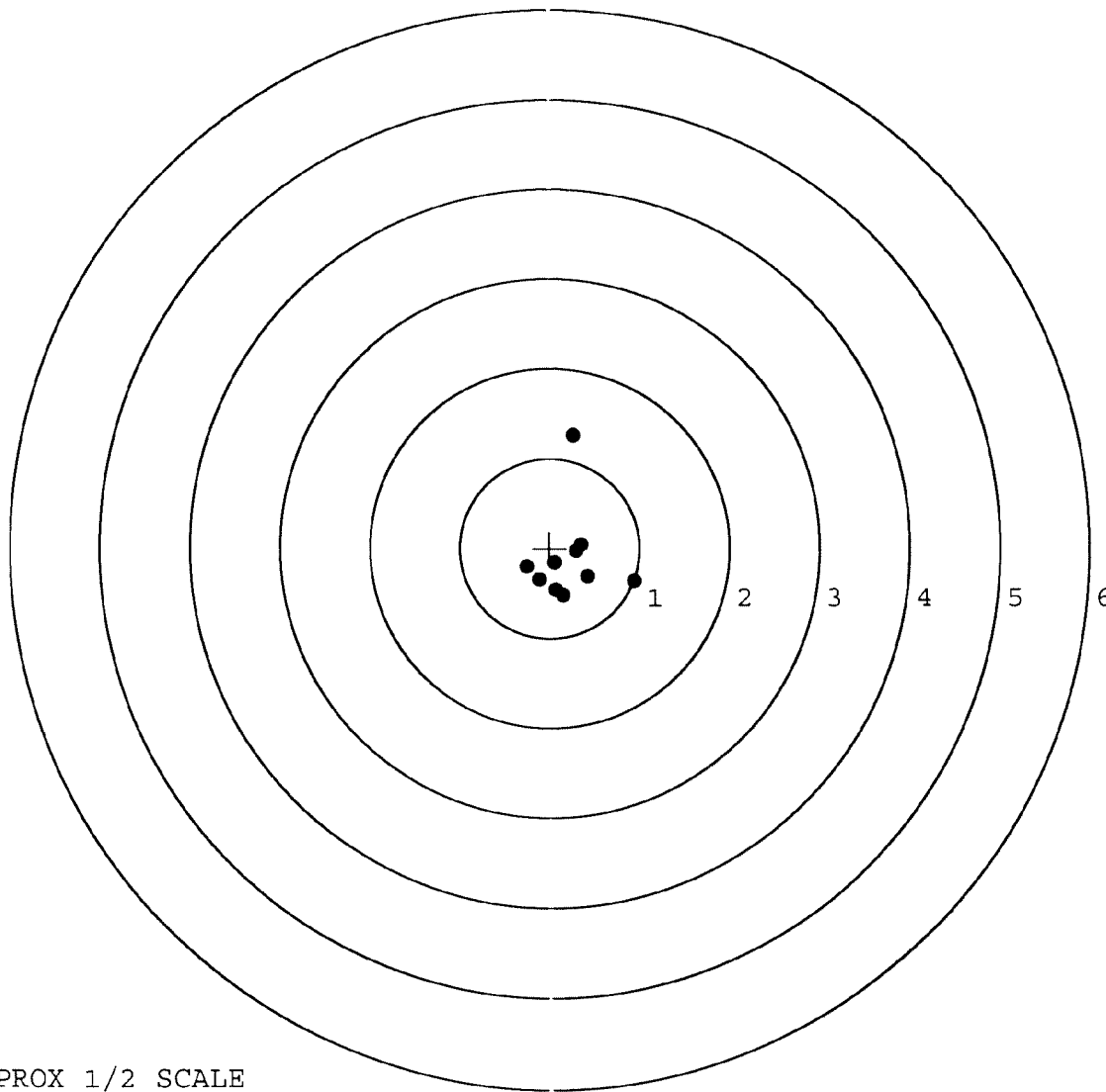


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225094. __0
 TARGET NUMBER: 3
 FILE DATE: 09/17/2008
 FILE TIME: 14:05

POINT#	X	Y
1:	-0.257	-0.208
2:	-0.119	-0.359
3:	0.067	-0.467
4:	0.057	-0.164
5:	0.152	-0.528
6:	0.425	-0.315
7:	0.941	-0.372
8:	0.349	0.045
9:	0.262	1.255
10:	0.299	-0.028

X CENTROID: 0.218
 Y CENTROID: -0.114
 POA TO CENTROID: 0.246
 HORZ SPREAD: 1.198
 VERT SPREAD: 1.783
 GROUP SPREAD: 1.786
 MIN RADIUS: 0.118
 MAX RADIUS: 1.370
 MEAN RADIUS: 0.462
 # IN 1 IN DIAMETER: 8
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

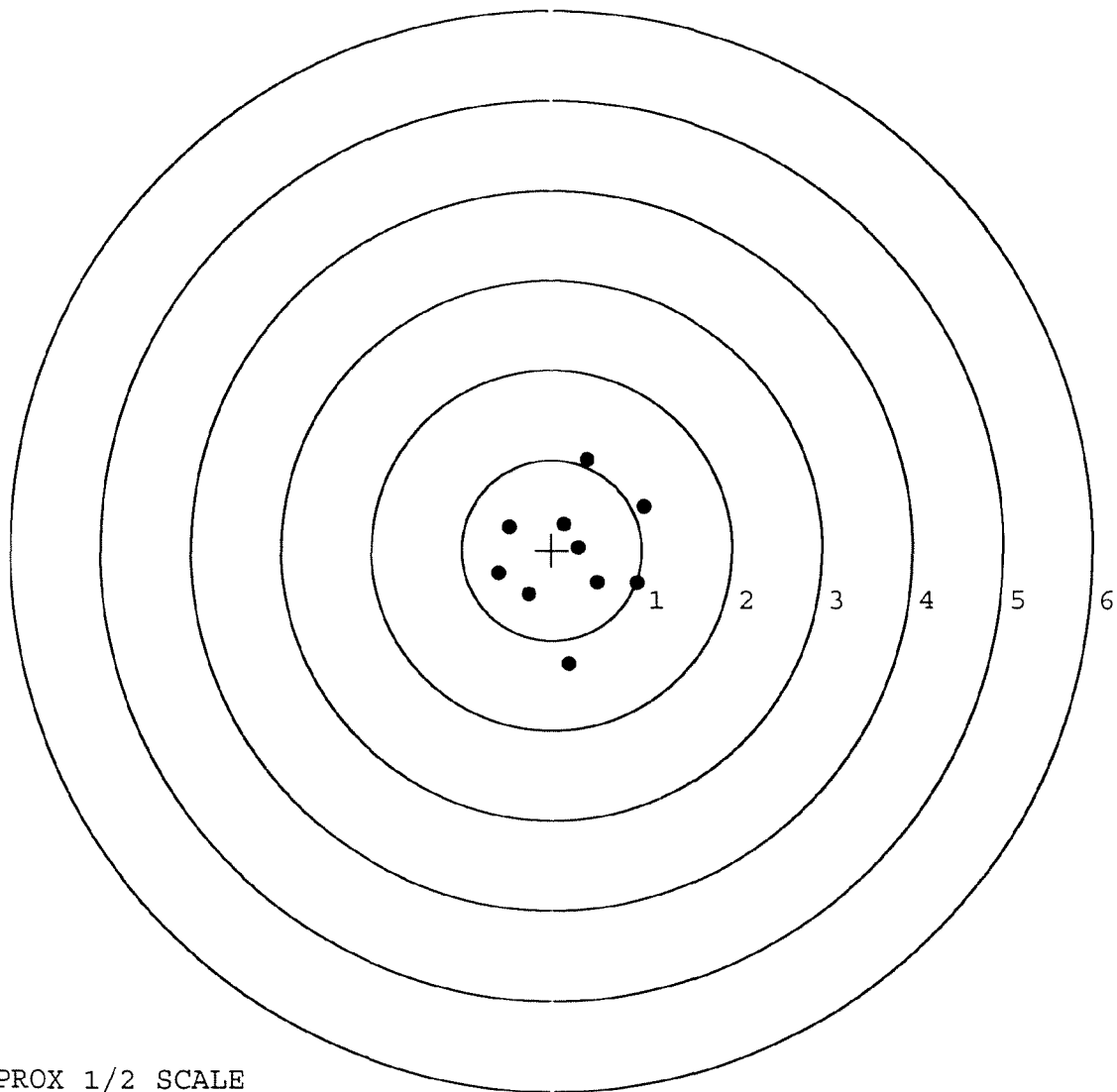


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225094. __0
 TARGET NUMBER: 4
 FILE DATE: 09/17/2008
 FILE TIME: 14:05

POINT#	X	Y
1:	-0.247	-0.495
2:	-0.580	-0.261
3:	-0.469	0.257
4:	0.196	-1.269
5:	0.949	-0.370
6:	0.507	-0.364
7:	0.295	0.030
8:	0.137	0.290
9:	0.396	1.003
10:	1.026	0.482

X CENTROID: 0.221
 Y CENTROID: -0.070
 POA TO CENTROID: 0.232
 HORZ SPREAD: 1.606
 VERT SPREAD: 2.272
 GROUP SPREAD: 2.281
 MIN RADIUS: 0.124
 MAX RADIUS: 1.200
 MEAN RADIUS: 0.717
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

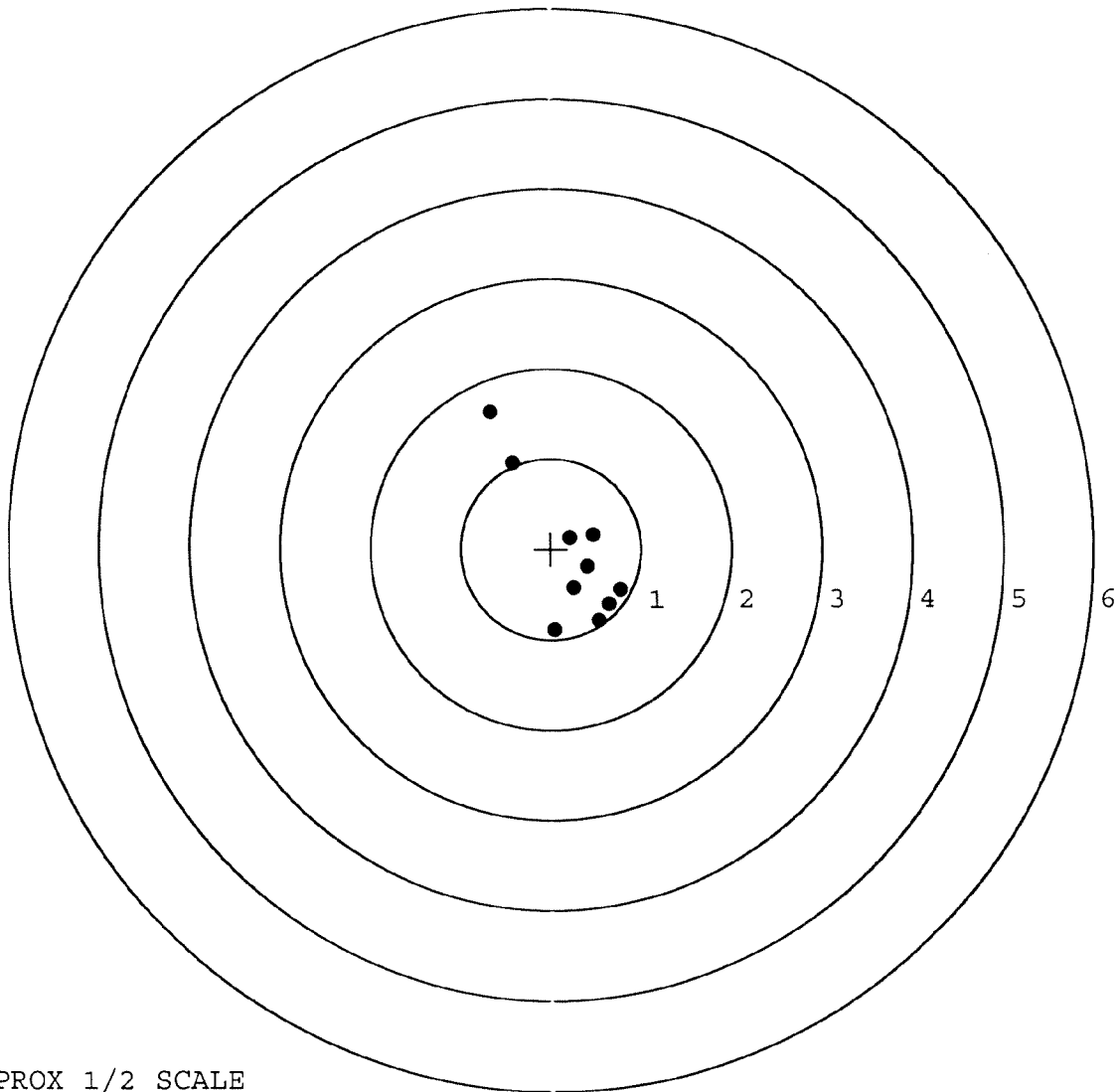


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225094. __0
 TARGET NUMBER: 5
 FILE DATE: 09/17/2008
 FILE TIME: 14:05

POINT#	X	Y
1:	0.044	-0.900
2:	0.529	-0.791
3:	0.641	-0.609
4:	0.773	-0.449
5:	0.248	-0.428
6:	0.406	-0.199
7:	0.469	0.157
8:	0.208	0.121
9:	-0.423	0.950
10:	-0.667	1.515

X CENTROID: 0.223
 Y CENTROID: -0.063
 POA TO CENTROID: 0.232
 HORZ SPREAD: 1.440
 VERT SPREAD: 2.415
 GROUP SPREAD: 2.598
 MIN RADIUS: 0.185
 MAX RADIUS: 1.812
 MEAN RADIUS: 0.713
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

5000 #
1288

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	3"	7/88	RW
612	Magnaflux Barrel Action		9-14-88	RFL
	Magnaflux Bolt		9-14-88	RFL
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/4/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/4/88	RW
	C) Inspect Ejector Hole for Chamfer		11/4/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		11/4/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		7 NOV 88	JLH
	F) Safety on Force	5 5 5	8 NOV 88	JS
	G) Safety off Force	3 3 3	8 NOV 88	JS
	H) Trigger Pull Test & Retainability		7 NOV 88	JLH
	I) Firing Pin Indent	.021 .0205 .021	8 NOV 88	JS
	J) Assemble Stock		11/10/88	RW
	K) Assemble Swivel Studs		30 NOV 88	JS
	L) Attach Front & Rear Sight Assemblies		11/10/88	RW
	M) Iron Sight Alignment		11/10/88	RW
	N) Detach Front & Rear Sights & place in numbered container		11/10/88	RW
	O) Attach Scope to Rifle		11/11/88	RW
	P) Detach & Attach Scope 20 times		11 NOV 88	JS
640	Gallery Target & Test	61 R 97L	11/11/88	AC
	A) Optical Clarity of Scope		11/11/88	JLH
645	Inspect for Live Ammo		11/11/88	JLH
655	Final Inspection			
	A) Headspace		30 NOV 88	JS
	B) Trigger Pull		30 NOV 88	JS
	C) Function		30 NOV 88	JS
660	Pack		14 Dec 88	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225094

DATE 11-7-88

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.56	2.41	2.57	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.47	2.38	2.78	
PULL #3	2.52	2.45	2.33	2.70	
PULL #4	2.55	2.49	2.42	2.73	
PULL #5	2.50	2.45	2.42	2.67	
TOTAL	12.71	12.42	11.96	13.45	
AVG.	2.542	2.484	2.392	2.69	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.01	3.03		
PULL #2	2.96	2.97		
PULL #3	3.00	2.98		
PULL #4	2.99	3.03		
PULL #5	2.99	2.85		
TOTAL	14.95	14.86		
AVG.	2.99	2.972		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.18		4.47
PULL #2	4.08	4.18		4.37
PULL #3	4.15	4.07		4.27
PULL #4	4.19	4.21		4.30
PULL #5	4.04	4.14		4.25
TOTAL	20.69	20.78		21.56
AVG.	4.138	4.156		4.312

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225094

CENTROIDAL DISTANCES

0	TO	1	.87675
1	TO	2	.338612
1	TO	3	.449181
1	TO	4	.77729
1	TO	5	.612198

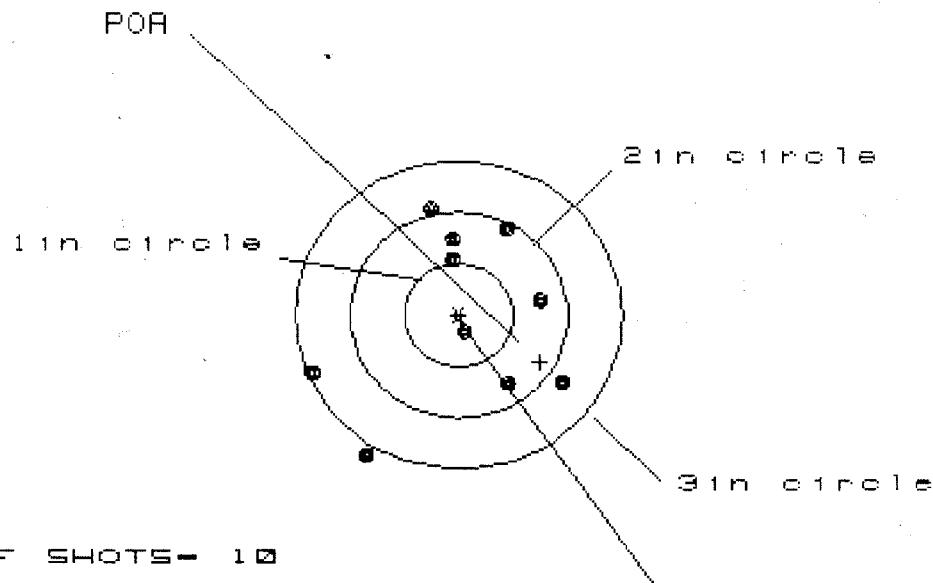
10⁴
5+ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3718
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .373
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .526654
THE AMR FOR THIS RIFLE IS: 1

14 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225094

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 6

3 in - 9

HS- 2.310

VS= 2.370

GS= 2.554

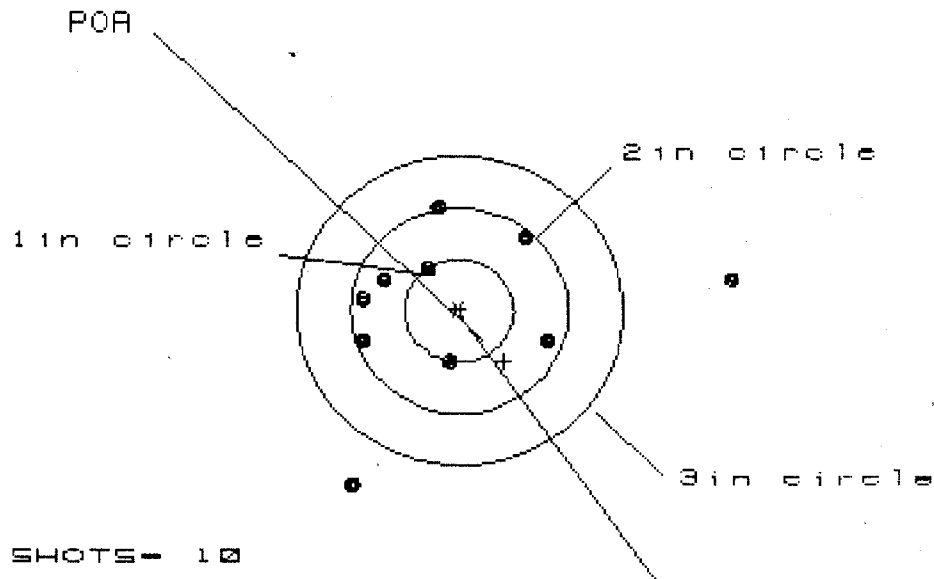
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.952	.857	.676
MINIMUM X	-1.358	-1.453	-.549
MAXIMUM Y	1.050	.904	.809
MINIMUM Y	-1.320	-.836	-.930
CENTROID X	-.747	-.652	-.471
CENTROID Y	.459	.605	.700
POA TO CENTROID in.	.877	.890	.843
MIN RADIUS	.159	.314	.466
MEAN RADIUS	.930	.833	.711
MAX RADIUS	1.572	1.636	1.150
HORIZONTAL SPREAD	2.310	2.310	1.225
VERTICAL SPREAD	2.370	1.740	1.740
EXTREME SPREAD	2.554	2.347	2.128
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

14 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225094

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 1

2in = 7

3in = 8

HS = 3.467

VS = 2.742

GS = 4.006

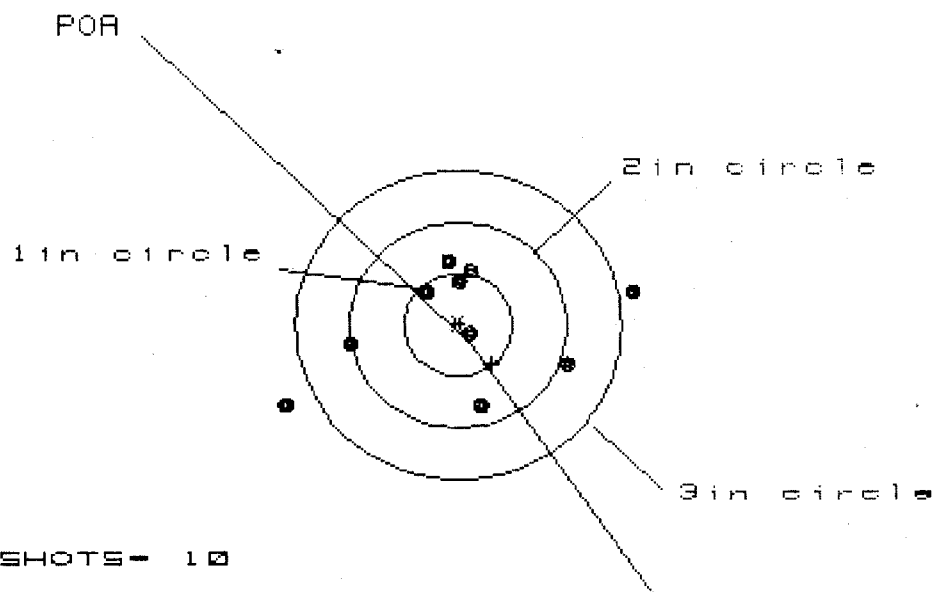
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.512	1.132	1.047
MINIMUM X	-.955	-.676	-.697
MAXIMUM Y	1.028	1.060	.850
MINIMUM Y	-1.714	-1.682	-.713
CENTROID X	-.410	-.689	-.604
CENTROID Y	.492	.460	.670
POA TO CENTROID in.	.640	.828	.902
MIN RADIUS	.499	.465	.260
MEAN RADIUS	1.099	.892	.749
MAX RADIUS	2.529	1.813	1.159
HORIZONTAL SPREAD	3.467	1.808	1.744
VERTICAL SPREAD	2.742	2.742	1.563
EXTREME SPREAD	4.006	2.857	1.797
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

14 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225094

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 3.122

VS= 1.426

GS= 3.328

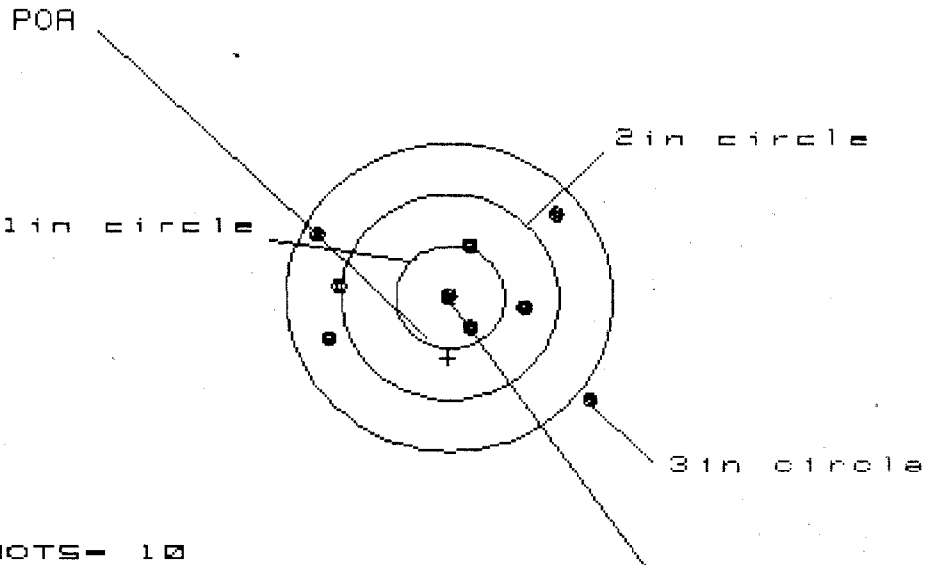
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.562	1.389	.962
MINIMUM X	:	-1.560	-1.188	-1.014
MAXIMUM Y	:	.627	.538	.571
MINIMUM Y	:	-.799	-.875	-.842
CENTROID X	:	-.305	-.132	-.306
CENTROID Y	:	.379	.468	.435
POA TO CENTROID in.	:	.487	.486	.532
MIN RADIUS	:	.154	.195	.194
MEAN RADIUS	:	.845	.731	.627
MAX RADIUS	:	1.752	1.414	1.058
HORIZONTAL SPREAD	:	3.122	2.577	1.976
VERTICAL SPREAD	:	1.426	1.413	1.413
EXTREME SPREAD	:	3.328	2.639	1.983
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 9

HS= 2.516

VS= 1.855

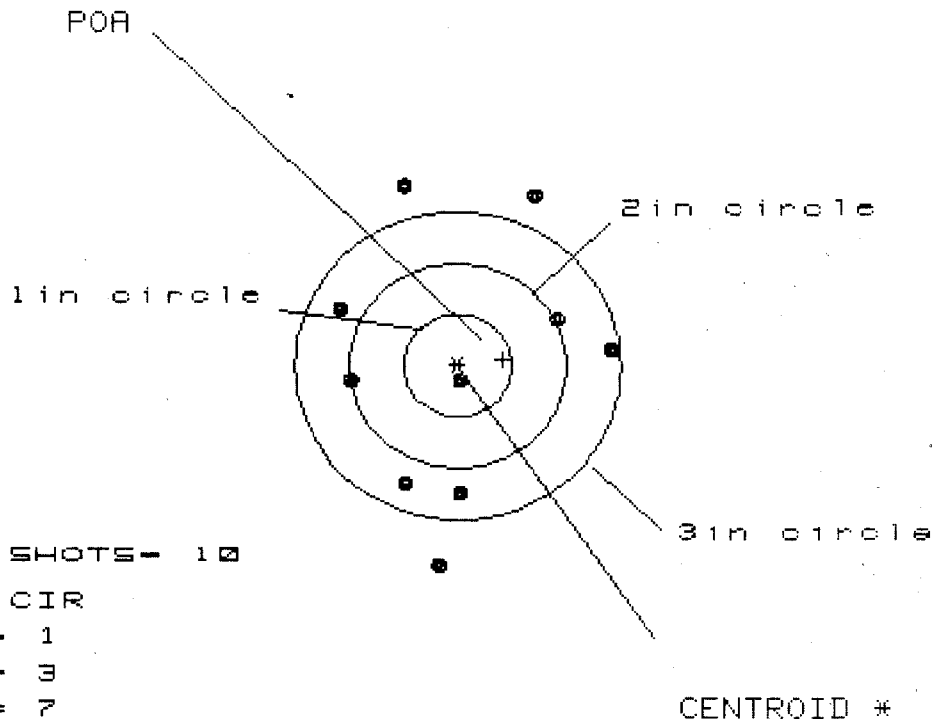
GS= 3.018

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.282	1.151	1.015
MINIMUM X	-1.234	-1.092	-1.094
MAXIMUM Y	.832	.718	.785
MINIMUM Y	-1.023	-.526	-.459
CENTROID X	.019	-.123	.013
CENTROID Y	.591	.705	.638
POA TO CENTROID in.	.591	.715	.638
MIN RADIUS	.077	.106	.058
MEAN RADIUS	.847	.773	.682
MAX RADIUS	1.640	1.357	1.283
HORIZONTAL SPREAD	2.516	2.243	2.109
VERTICAL SPREAD	1.855	1.244	1.244
EXTREME SPREAD	3.018	2.449	2.449
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 7

HS = 2.499

VS = 3.742

GS = 3.758

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.464	1.445	1.378
MINIMUM X	-1.034	-1.054	-1.121
MAXIMUM Y	1.769	1.550	1.593
MINIMUM Y	-1.973	-1.444	-1.250
CENTROID X	-.416	-.396	-.329
CENTROID Y	-.056	.163	-.031
POA TO CENTROID in.	.419	.429	.330
MIN RADIUS	.177	.397	.226
MEAN RADIUS	1.281	1.215	1.129
MAX RADIUS	1.980	1.642	1.715
HORIZONTAL SPREAD	2.499	2.499	2.499
VERTICAL SPREAD	3.742	2.994	2.843
EXTREME SPREAD	3.758	3.051	2.961
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		