C659467Ø

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

04/24/08 12:24:31

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: RE00144818

Verify Repair

Serial: C6594670 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 4/24/2008 10:57:40 AM

Address Information

Customer: (Received From)	Return To: (Received From)
Name: B/210TH BSB	B/210TH BSB
Address 1: 2 BCT	2 BCT
Address 2: 10 TH MTN DIV PO Box:	10 TH MTN DIV PO Box:
City: FORT DRUM	FORT DRUM
State: NY Zip Code: 13602 Country: US	State: NY Zip Code: 13602 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	2
A010	Hard Case	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

nagletj 4/24/2008 12:24 PM NUM

Start | 4 Micros... | The Asso... | 2 Micros... | SAP Logo... | Arms Ser... | 12:24 PM

Serial Number: C6594670

Model: M24 SWS

RE00144818

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594670.__0
FILE DATE AND TIME: 05/28/2008 05:46

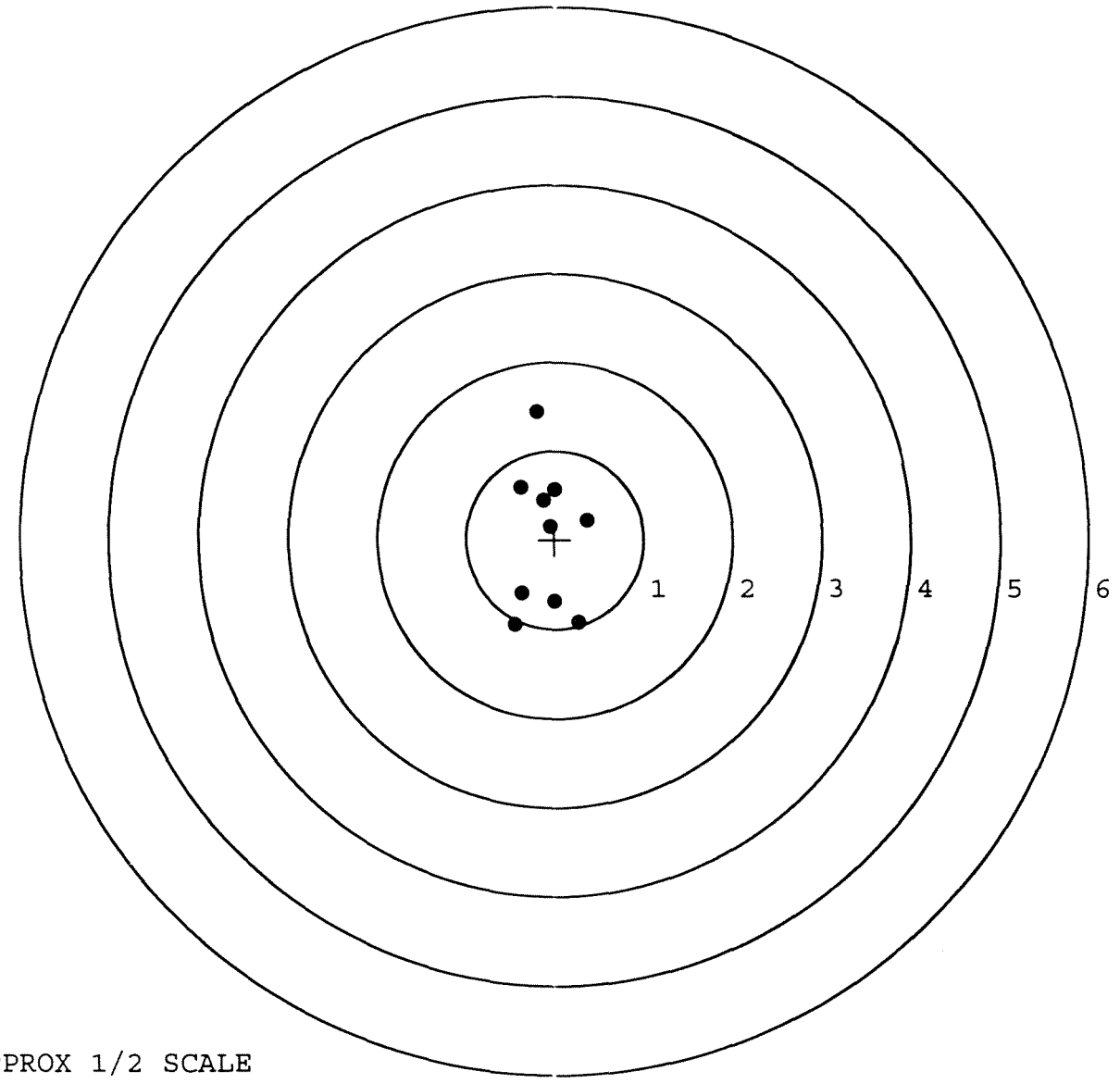
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.009
The Average Y Centroid of the Five Target Set:	-0.070
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.626
The Distance from POA to Centroid Target #1:	0.096
The Distance from Centroid Target #2 to Centroid Target #1:	0.228
The Distance from Centroid Target #3 to Centroid Target #1:	0.257
The Distance from Centroid Target #4 to Centroid Target #1:	0.204
The Distance from Centroid Target #5 to Centroid Target #1:	0.080

SERIAL NUMBER: C6594670.__0
TARGET NUMBER: 1
FILE DATE: 05/28/2008
FILE TIME: 05:46

X CENTROID:	-0.094
Y CENTROID:	0.020
POA TO CENTROID:	0.096
HORZ SPREAD:	0.811
VERT SPREAD:	2.394
GROUP SPREAD:	2.413
MIN RADIUS:	0.141
MAX RADIUS:	1.423
MEAN RADIUS:	0.712
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.201	1.439
2:	-0.381	0.582
3:	0.363	0.219
4:	-0.048	0.153
5:	-0.132	0.436
6:	0.000	0.555
7:	0.005	-0.697
8:	-0.373	-0.609
9:	-0.448	-0.955
10:	0.271	-0.927

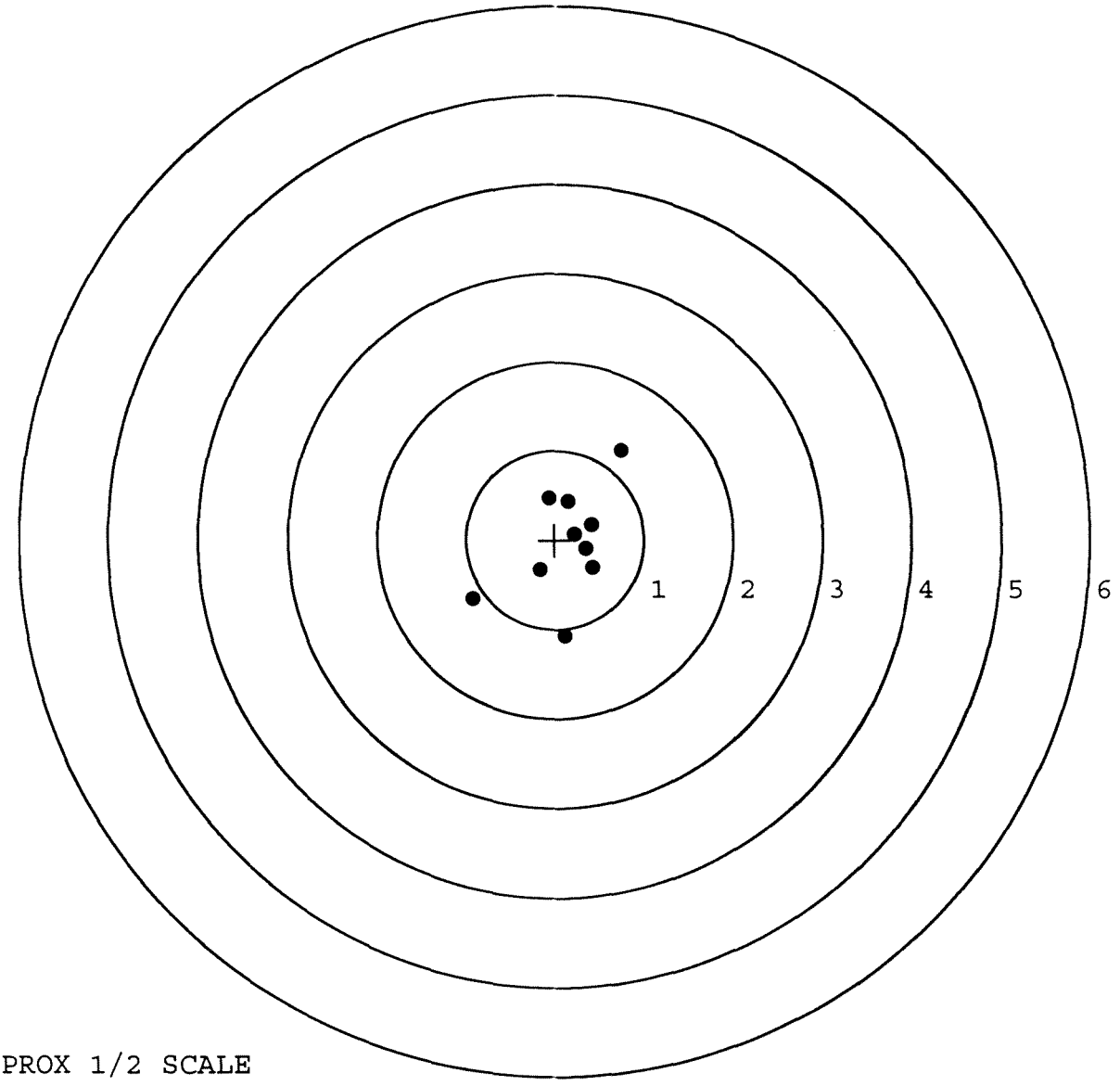


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594670.__0
TARGET NUMBER: 2
FILE DATE: 05/28/2008
FILE TIME: 05:46

X CENTROID:	0.127
Y CENTROID:	-0.038
POA TO CENTROID:	0.132
HORZ SPREAD:	1.663
VERT SPREAD:	2.090
GROUP SPREAD:	2.359
MIN RADIUS:	0.141
MAX RADIUS:	1.222
MEAN RADIUS:	0.605
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.118	-1.086
2:	-0.920	-0.669
3:	-0.169	-0.341
4:	0.743	1.004
5:	-0.073	0.465
6:	0.153	0.428
7:	0.414	0.167
8:	0.223	0.065
9:	0.351	-0.101
10:	0.426	-0.314

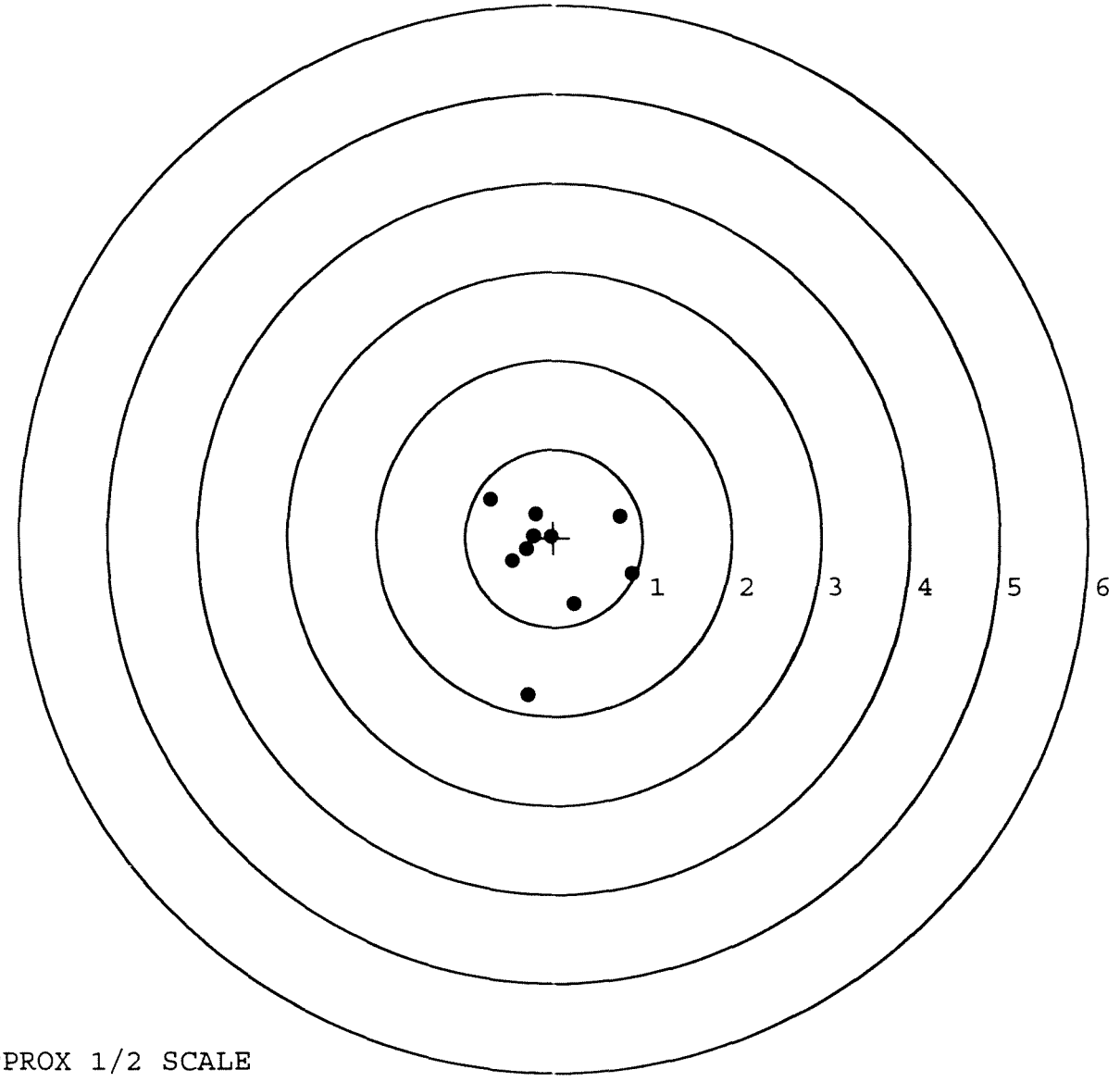


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594670.__0
TARGET NUMBER: 3
FILE DATE: 05/28/2008
FILE TIME: 05:46

X CENTROID:	-0.042
Y CENTROID:	-0.232
POA TO CENTROID:	0.236
HORZ SPREAD:	1.597
VERT SPREAD:	2.206
GROUP SPREAD:	2.271
MIN RADIUS:	0.247
MAX RADIUS:	1.560
MEAN RADIUS:	0.676
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.879	-0.403
2:	0.743	0.248
3:	0.231	-0.744
4:	-0.296	-1.771
5:	-0.718	0.435
6:	-0.212	0.271
7:	-0.030	0.015
8:	-0.232	0.022
9:	-0.309	-0.128
10:	-0.473	-0.266

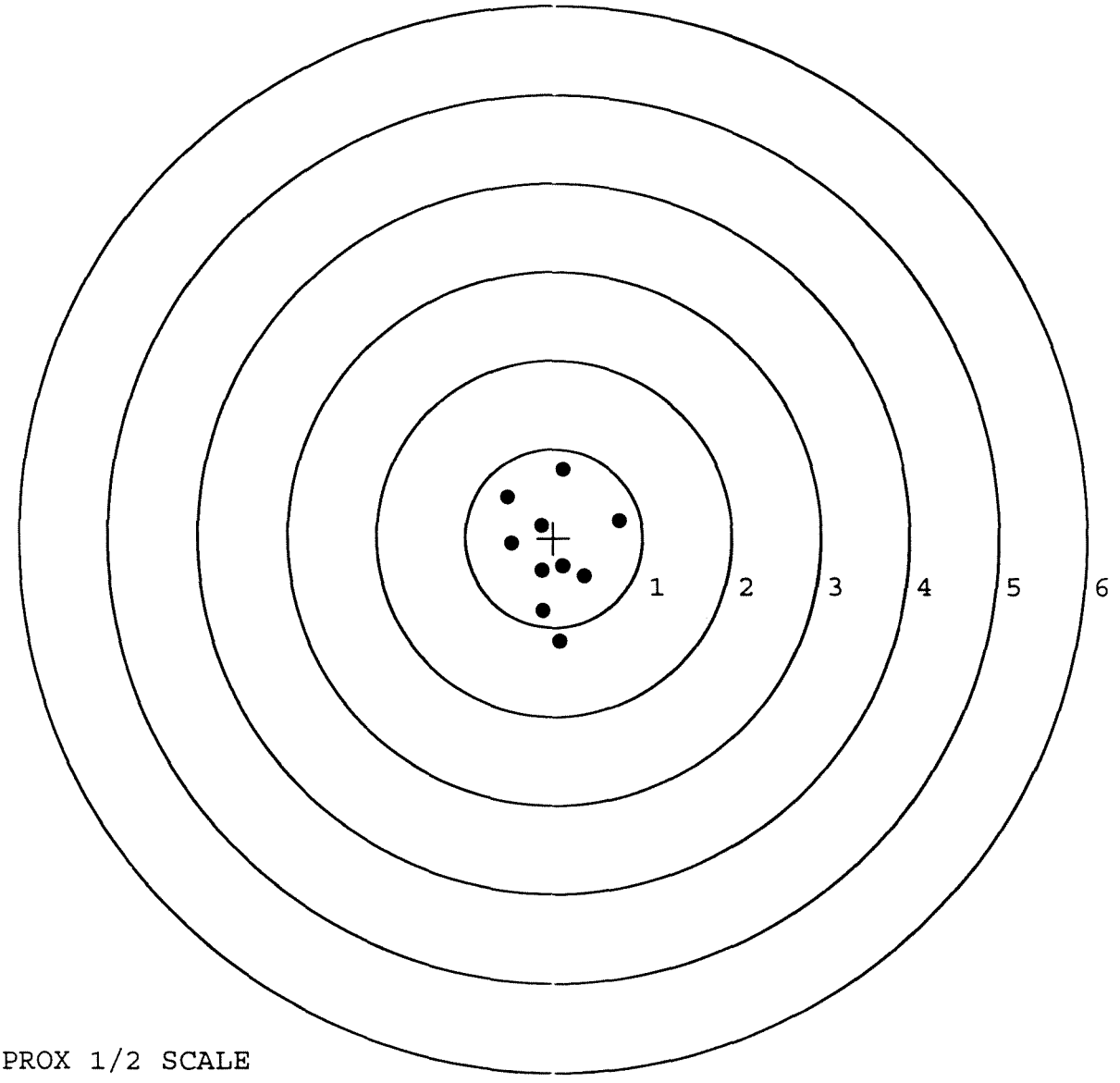


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594670.__0
TARGET NUMBER: 4
FILE DATE: 05/28/2008
FILE TIME: 05:46

X CENTROID:	-0.004
Y CENTROID:	-0.164
POA TO CENTROID:	0.164
HORZ SPREAD:	1.257
VERT SPREAD:	1.934
GROUP SPREAD:	1.934
MIN RADIUS:	0.195
MAX RADIUS:	1.004
MEAN RADIUS:	0.594
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.734	0.198
2:	0.107	0.769
3:	0.069	-1.165
4:	-0.122	-0.823
5:	-0.139	0.135
6:	-0.475	-0.069
7:	-0.523	0.459
8:	0.345	-0.438
9:	0.105	-0.325
10:	-0.139	-0.376

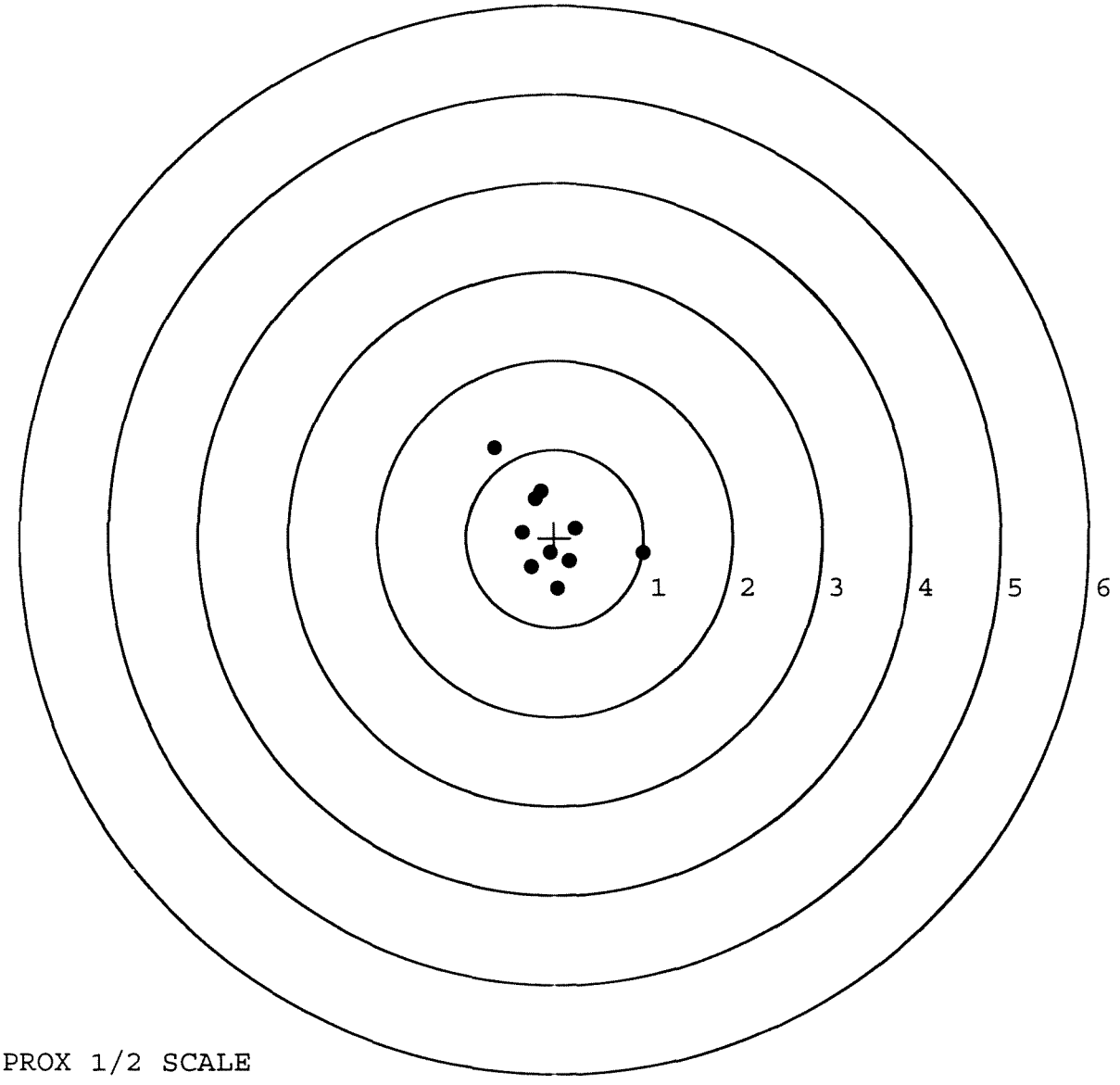


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594670.__0
TARGET NUMBER: 5
FILE DATE: 05/28/2008
FILE TIME: 05:46

X CENTROID:	-0.030
Y CENTROID:	0.067
POA TO CENTROID:	0.073
HORZ SPREAD:	1.675
VERT SPREAD:	1.581
GROUP SPREAD:	2.051
MIN RADIUS:	0.239
MAX RADIUS:	1.148
MEAN RADIUS:	0.543
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.997	-0.169
2:	0.234	0.117
3:	-0.222	0.446
4:	-0.678	1.014
5:	-0.155	0.530
6:	-0.364	0.060
7:	-0.260	-0.333
8:	-0.053	-0.171
9:	0.168	-0.262
10:	0.034	-0.567



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 144818

SERIAL NUMBER CC594670

LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		4-28-08	RTC
505	RE-BARREL			
560	ASSEMBLE		4-30-08	TRW
600	PROOF	MAGNA - FLUX 2008	4-30-08	TRW
605	CHECK HEADSPACE		4-30-08	TRW
610	DIS-ASSEMBLE GUN		4-30-08	[illegible]
612	MAGNAFLUX	OPERATOR [illegible]	5/1/08	[illegible]
510	DRILL AND TAP		5-1-08	TRW
615	ROLLMARK CALIBER		5-1-08	CW
618	ROTO-BLAST		5-1-08	DG
620	APPLY COATINGS		5-5-08	CM
625	FINAL ASSEMBLY		5-23-08	RTC
640	FUNCTION TEST AND	(PASS) FAIL	5-27-08	SD
650	TARGET	(PASS) FAIL	5-27-08	SD
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	5-27-08	RP
670	FINAL INSPECTION		5/28/08	FM
	A) HEADSPACE	(PASS) FAIL	5/28/08	FM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.92 2.90 2.92 2.94 2.97	5/28/08	FM
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	5 5/8 5 5/8 5 5/8	5/28/08	FM
	G) SAFETY OFF FORCE (2 LBS MIN)	3 3 5/8 3 5/8	5/28/08	FM
	I) FIRING PIN INDENT .020	.022 .022 .022	5/28/08	FM
690	PACK		5/29/08	FM

RECEIVING REPORT

R 94-18062

INITIAL	CUSTOMER ORDER NO.	
FDC	DAAA09-92-C-0834	W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT ATTN: FRED MARTIN Scope # 90-0536

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/09/94	06/09/94		C6594670		700 7-62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

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

SHIP TO:

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

CUST NO: 098397 C.O.D

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

✓ New Barrel
✓ Trigger Assy
✓ New firing Pin
✓ Front + Rear Sight Assy

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
			3/22/96	3/22/96	

OFFICE COPY

RD6925 REV. 1/94

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

SERIAL NO. C6594690
DATE 3/9/96
TESTER SF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.81	2.73		MIN. SETTING,
PULL #2	2.23	2.95	2.64		NO AVG. OF 5
PULL #3	2.54	2.90	2.59		READINGS ACCEPT-
PULL #4	2.54	3.01	2.64		ABLE LESS THAN 2#
PULL #5	2.55	3.01	2.70		
TOTAL	12.43	11.673	13.30		
AVG.	2.48	2.33	2.66		

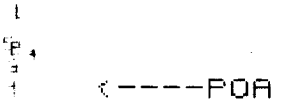
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.40		
PULL #2	3.45	3.40		
PULL #3	3.45	3.43		
PULL #4	3.45	3.43		
PULL #5	3.40	3.46		
TOTAL	17.03	17.12		
AVG.	3.406	3.42		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.07	3.90	
PULL #2	4.19	4.00	3.90	
PULL #3	4.01	3.98	3.88	
PULL #4	4.02	3.97	3.88	
PULL #5	4.07	3.91	3.92	
TOTAL	20.48	19.93	19.48	
AVG.	4.096	3.986	3.896	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594670
22 Jan 1900

CENTROIDAL DISTANCES

0	TO	1	1.37873
1	TO	2	.646174
1	TO	3	.983712
1	TO	4	.802841
1	TO	5	.604206

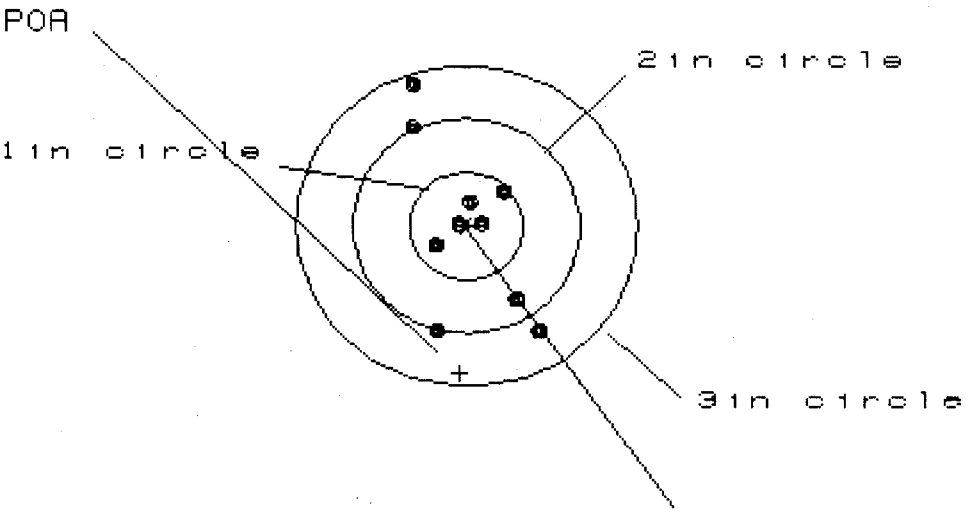


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0782
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .783
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .786895

THE AMR FOR THIS RIFLE IS: 1.019

22 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

CENTROID #

# IN CIR
1in = 5
2in = 6
3in = 10

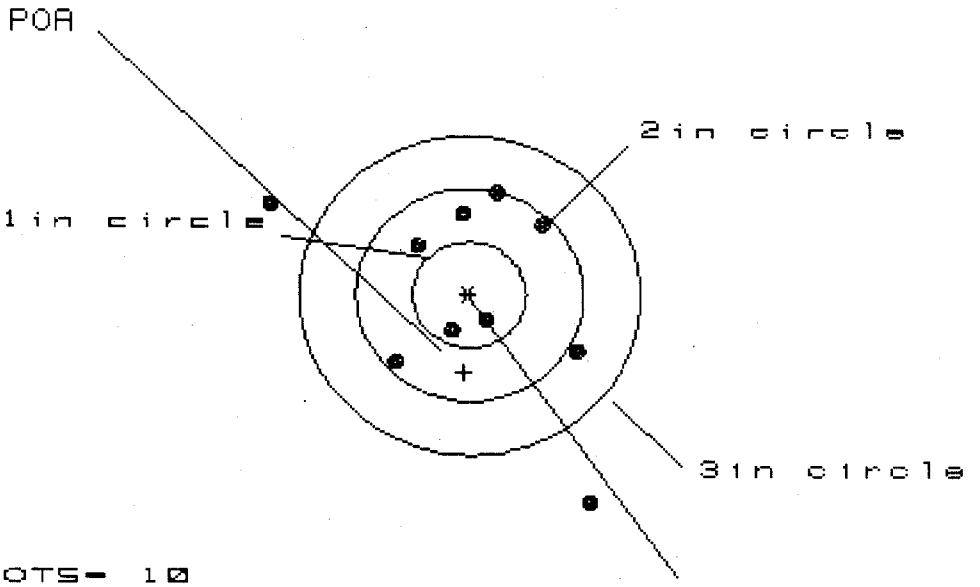
HS= 1.051
VS= 2.320
GS= 2.470

PATTERN #	:	[redacted]		8
SHOTS (BEST OF)	:	[illegible]		8
MAXIMUM X	:	[illegible]	.506	.416
MINIMUM X	:	-.47[illegible]	.015	-.448
MAXIMUM Y	:	1.0[illegible]	1.080	.981
MINIMUM Y	:	-1.017	-.872	-.971
CENTROID X	:	.069	.120	.052
CENTROID Y	:	1.377	1.232	1.331
POA TO CENTROID in.	:	1.379	1.238	1.332
MIN RADIUS	:	.091	.167	.085
MEAN RADIUS	:	.659	.588	.516
MAX RADIUS	:	1.381	1.196	1.078
HORIZONTAL SPREAD	:	1.051	1.051	.864
VERTICAL SPREAD	:	2.320	1.952	1.952
EXTREME SPREAD	:	2.470	2.146	1.961

NUMBER IN ONE INCH CIRCLE = 5
NUMBER IN TWO INCH CIRCLE = 6
NUMBER IN THREE INCH CIRCLE = 10

22 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 2
2in = 7
3in = 8

HS= 2.846
VS= 2.926
GS= 4.021

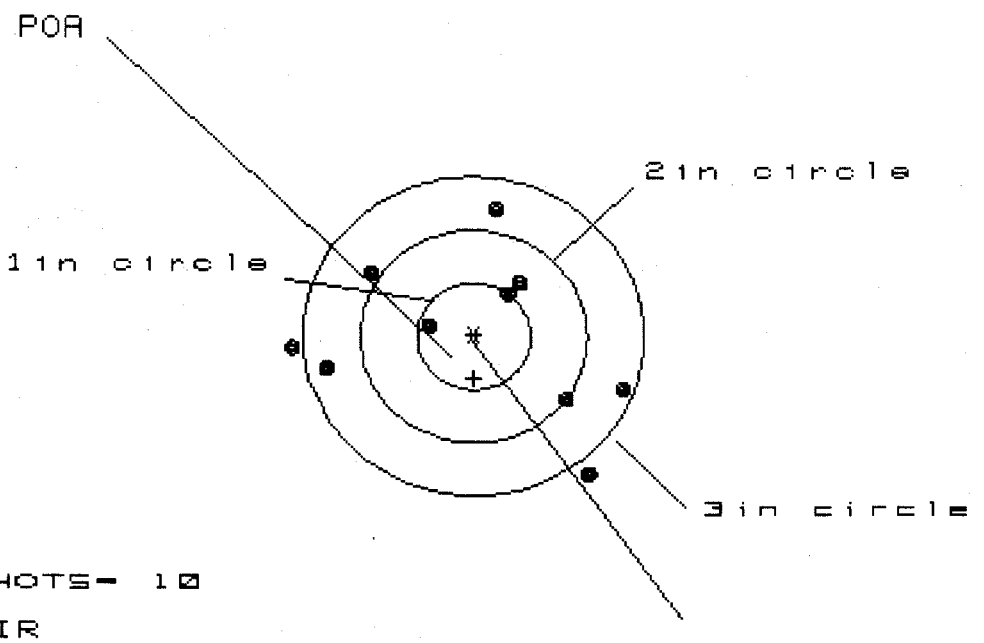
CENTROID *

PATTERN #	:			
SHOTS (BEST OF)	:			8
MAXIMUM X	:			.848
MINIMUM X	:			-.739
MAXIMUM Y	:			.821
MINIMUM Y	:			-.750
CENTROID X	:	.054	-.063	.147
CENTROID Y	:	.731	.950	.868
POA TO CENTROID in.	:	.733	.952	.880
MIN RADIUS	:	.262	.411	.371
MEAN RADIUS	:	1.011	.967	.733
MAX RADIUS	:	2.232	1.800	1.072
HORIZONTAL SPREAD	:	2.846	2.735	1.587
VERTICAL SPREAD	:	2.926	1.571	1.571
EXTREME SPREAD	:	4.021	3.068	1.817

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 7
NUMBER IN THREE INCH CIRCLE = 8

22 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 3



\# OF SHOTS= 10

\# IN CIR
1in = 2
2in = 3
3in = 8

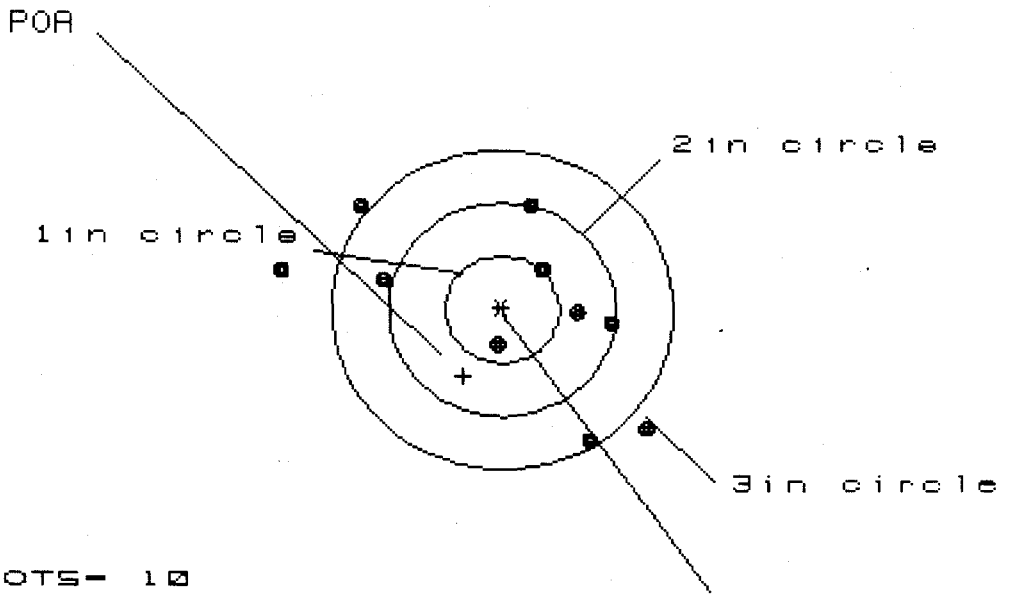
HS= 2.846
VS= 2.509
GS= 2.875

PATTERN # :	3		
SHOTS (BEST OF) :	10		8
MAXIMUM X :	1.232	1.11	1.232
MINIMUM X :	-1.348	-1.435	-1.348
MAXIMUM Y :	1.076	1.18	1.076
MINIMUM Y :	-.797	-.8	-.797
CENTROID X :	-.004	-.119	.060
CENTROID Y :	.396	.537	.564
POA TO CENTROID in.:	.396	.550	.567
MIN RADIUS :	.369	.234	.300
MEAN RADIUS :	1.074	.983	.906
MAX RADIUS :	1.639	1.543	1.433
HORIZONTAL SPREAD :	2.846	2.846	2.580
VERTICAL SPREAD :	2.509	1.873	1.873
EXTREME SPREAD :	2.875	2.875	2.585

NUMBER IN ONE INCH CIRCLE = 2
NUMBER IN TWO INCH CIRCLE = 3
NUMBER IN THREE INCH CIRCLE = 8

22 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR
1in = 1
2in = 5
3in = 7

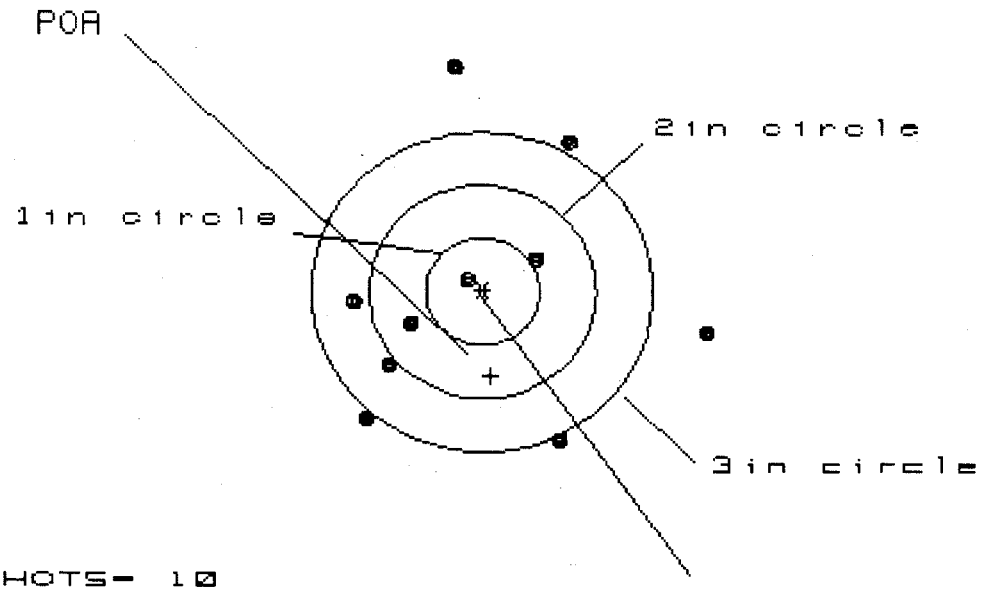
HS= 3.177
VS= 2.165
GS= 3.509

PATTERN #	:	4		
SHOTS (BEST OF)	:	10		8
MAXIMUM X	:	[illegible]		.880
MINIMUM X	:	[illegible]		-1.286
MAXIMUM Y	:	[illegible]		.857
MINIMUM Y	:	[illegible]		-1.308
CENTROID X	:	[illegible]	.554	.422
CENTROID Y	:	[illegible]	.583	.720
POA TO CENTROID in.	:	.710	.804	.835
MIN RADIUS	:	.361	.388	.426
MEAN RADIUS	:	1.117	.983	.924
MAX RADIUS	:	1.940	1.718	1.532
HORIZONTAL SPREAD	:	3.177	2.475	2.166
VERTICAL SPREAD	:	2.165	2.165	2.165
EXTREME SPREAD	:	3.509	3.225	2.873

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 7

22 Jan 1900 FILE:/PATTERNING/CENTERFIRE_PATT/C0534670

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR
1 in = 1
2 in = 3
3 in = 5

HS= 3.086
VS= 3.506
GS= 3.618

CENTROID *

PATTERN # : 5

SHOTS (BEST OF) :	10	9	8
MAXIMUM Y :			.055
MINIMUM X :			-.887
MAXIMUM Y :			1.673
MINIMUM Y :			-1.143
CENTROID X :			-.291
CENTROID Y :		.651	.568
POA TO CENTROID in.:		.552	.638
MIN RADIUS :	.145	.354	.327
MEAN RADIUS :	1.234	1.132	.972
MAX RADIUS :	2.153	1.959	1.926
HORIZONTAL SPREAD :	3.086	3.086	1.842
VERTICAL SPREAD :	3.506	2.816	2.816
EXTREME SPREAD :	3.618	3.140	3.140

NUMBER IN ONE INCH CIRCLE = 1
NUMBER IN TWO INCH CIRCLE = 3
NUMBER IN THREE INCH CIRCLE = 5

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594670

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	[redacted]	6			5/4/96	RW
	G) Safety Off Force	2.5	2.5	2.5			5/4/96	RW
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.021	.021	.021			5/4/96	RW
	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 Clearity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.89	2.89	2.79	2.89	2.89	5/4/96	JDre
	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. C6594670

ORDER NO. 5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. 20

5716 C6594670

UPC

0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594670

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/24/91	KS
600	Proof		1/24/91	KS
607	Check Headspace		1/24/91	KS
610	Dis-assemble Gun		1/24/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GS
617	Drill and Tap Sight Holes	2 2 91		FB
618	Polish Barrel RKB	2 2 91		WB
620	Apply Coatings (Barrel Action)		2-11-91	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/27/91	
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/27/91	
	C) Inspect Ejector Hole for Chamfer		2/27/91	
	D) Oil Firing Pin Ass'y		2/27/91	
	E) Adjust Trigger Pull to Min Setting and Stake		2/21/91	DH

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force		2/27/91	DH
	G) Safety Off Force		2/27/91	DH
	H) Trigger Pull Test & Retainability		2/27/91	DH
	I) Firing Pin Indent		2/27/91	DH
	J) Assemble Stock		3/4/91	KJ
	K) Assemble Swivel Studs		3-5-91	DH
	L) Attach Front and Rear Sight Assemblies		3/4/91	KJ
	M) Iron Sight Alignment		3/4/91	KJ
	N) Detach Front & Rear Sights & place in numbered container		3/4/91	KJ
	O) Attach Scope to Rifle		3/4/91	KJ
	P) Detach & Attach Scope 20 Times		3/4/91	KJ
640	Gallery Target & Test		3/4/91	KJ
	A) Time		"	KJ
	B) Malfunctions		"	KJ
	C) Pierced Primers		"	KJ
	D) Optical Clearity of Scope		"	KJ
645	Inspect for Live Ammo		3/4/91	KJ
655	Final Inspection A) Headspace		3-5-91	DH
	B) Trigger Pull	2.32 2.32 2.54 2.42 2.40	3-5-91	DH
	C) Function		3-5-91	DH
660	Pack		3-15-91	DH

SWS TRIGGER PULL TEST

C6594670

SERIAL NO. ~~C6594670~~

DATE 7-25-91

TESTER DH

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

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
~~PULL~~ #1	2.52	2.48	2.36	2.32.	MIN. SETTING,
~~PULL~~ #2	2.63	2.44	2.62	2.32	NO AVG. OF 5
PULL #3	2.57	2.19	2.53	2.54	READINGS ACCEPT-
PULL #4	2.67	2.35	2.67	2.42	ABLE LESS THAN 2#
PULL #5	2.66	2.39	2.69	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.39	2.73		
PULL #2	3.33	3.30		
PULL #3	3.29	3.05		
PULL #4	3.32	3.27		
PULL #5	3.32	3.16		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.41		4.05
PULL #2	4.42	4.58		3.98
PULL #3	4.49	4.61		3.94
PULL #4	4.42	4.62		3.98
PULL #5	4.56	4.62		4.02
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594670
5 Mar 1991

CENTROIDAL DISTANCES

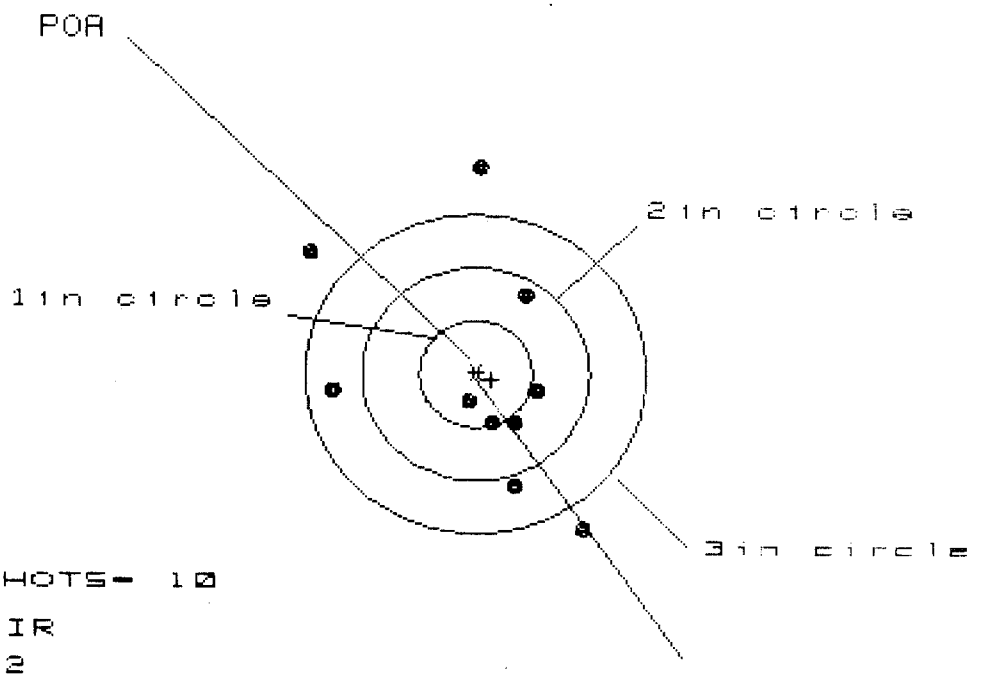
0	TO	1	.147472
1	TO	2	.141315
1	TO	3	.13813
1	TO	4	.184098
1	TO	5	.206545

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0182
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0624
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .065

THE AMR FOR THIS RIFLE IS: 1.061

5 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 1



\# OF SHOTS= 10

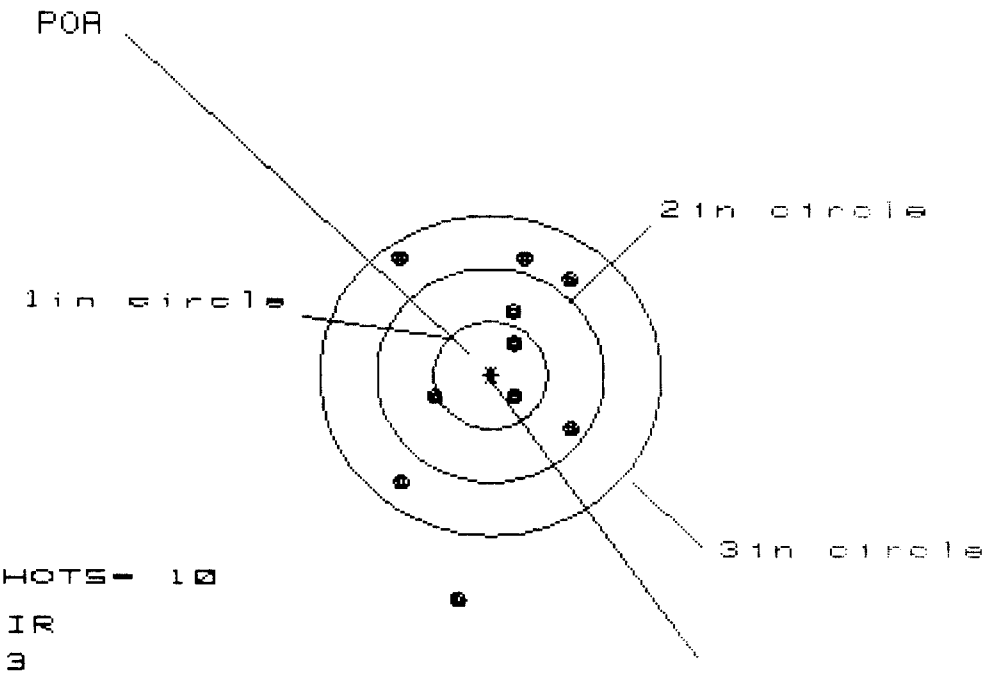
\# IN CIR
1in = 2
2in = 5
3in = 7

HS= 2.310
VS= 3.459
GS= 3.566

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.898	.902	.726
MINIMUM X	:	-1.412	-1.408	-1.427
MAXIMUM Y	:	1.992	1.368	1.139
MINIMUM Y	:	-1.467	-1.246	-1.075
CENTROID X	:	-.138	-.142	.034
CENTROID Y	:	.052	-.169	-.340
POA TO CENTROID in.	:	.148	.221	.342
MIN RADIUS	:	.252	.048	.073
MEAN RADIUS	:	1.053	.880	.691
MAX RADIUS	:	1.992	1.963	1.455
HORIZONTAL SPREAD	:	2.310	2.310	2.153
VERTICAL SPREAD	:	3.459	2.614	2.214
EXTREME SPREAD	:	3.566	3.488	2.546
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

5 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 3
2in = 5
3in = 9

HS= 1.509
VS= 3.236
GS= 3.288

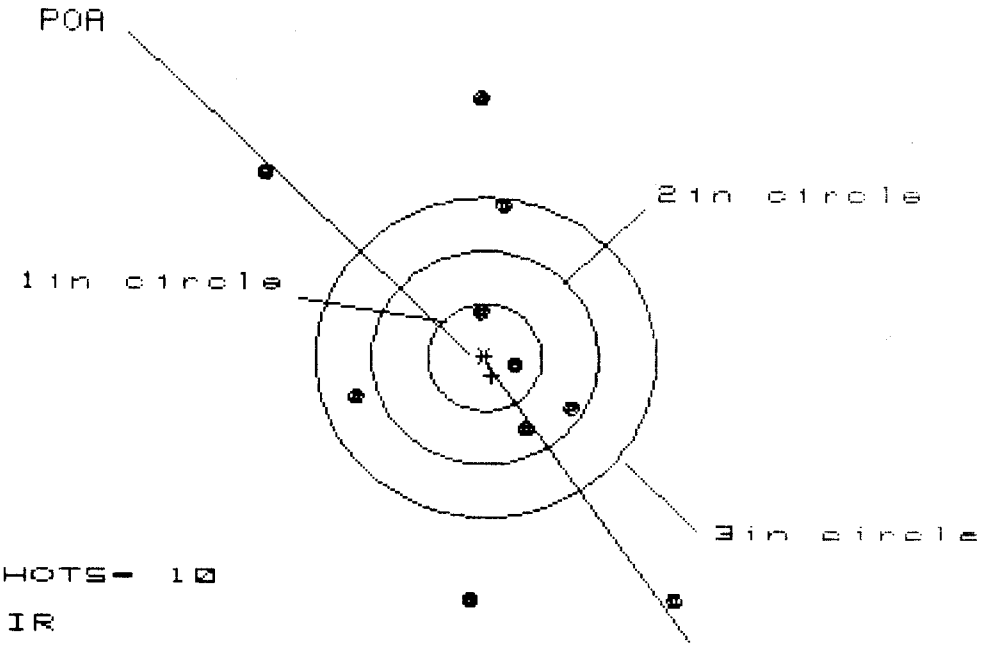
PATTERN # : [redacted]

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	.720	.686	.583
MINIMUM X :	-.789	-.823	-.883
MAXIMUM Y :	1.118	.883	.990
MINIMUM Y :	-2.118	-1.269	-1.162
CENTROID X :	-.007	.027	.130
CENTROID Y :	-.001	.234	.127
POA TO CENTROID in.:	.007	.235	.182
MIN RADIUS :	.289	.154	.198
MEAN RADIUS :	.975	.805	.748
MAX RADIUS :	2.139	1.489	1.460
HORIZONTAL SPREAD :	1.509	1.509	1.466
VERTICAL SPREAD :	3.236	2.152	2.152
EXTREME SPREAD :	3.288	2.407	2.407

NUMBER IN ONE INCH CIRCLE = 3
NUMBER IN TWO INCH CIRCLE = 5
NUMBER IN THREE INCH CIRCLE = 9

5 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 3



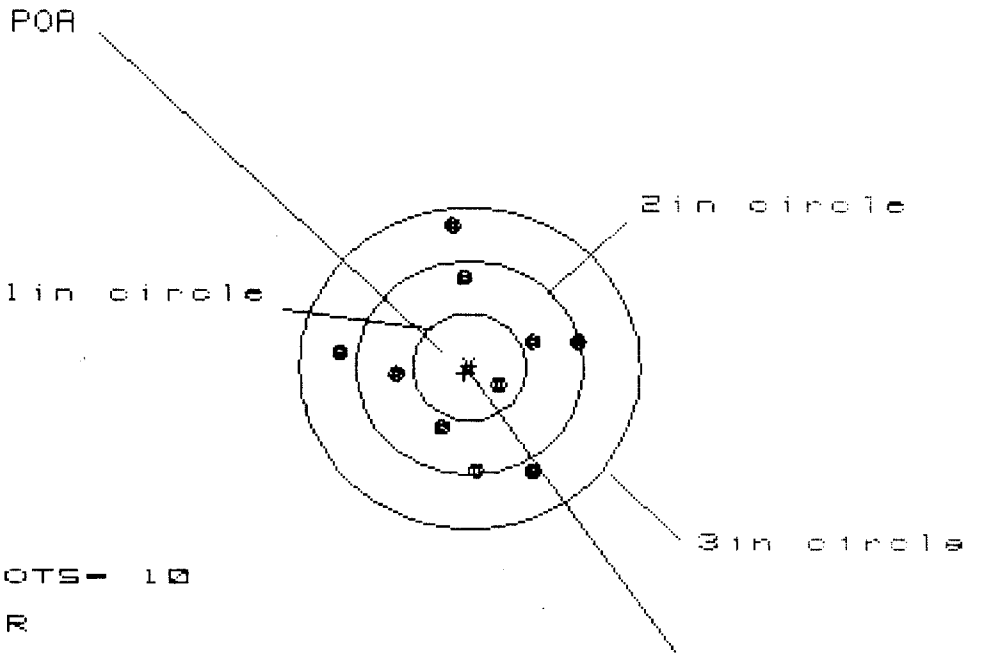
# OF SHOTS= 10
# IN CIR
1in = 2
2in = 4
3in = 6
HS= 3.580
VS= 4.724
GS= 5.372

PATTERN # : [redacted]

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.688	.910	.697
MINIMUM X :	-1.892	-1.704	-1.139
MAXIMUM Y :	2.451	2.199	2.384
MINIMUM Y :	-2.273	-2.481	-2.296
CENTROID X :	-.060	-.248	-.034
CENTROID Y :	.166	.418	.233
POA TO CENTROID in.:	.176	.486	.236
MIN RADIUS :	.273	.274	.263
MEAN RADIUS :	1.515	1.380	1.217
MAX RADIUS :	2.831	2.481	2.384
HORIZONTAL SPREAD :	3.580	2.614	1.836
VERTICAL SPREAD :	4.724	4.680	4.680
EXTREME SPREAD :	5.372	4.683	4.683
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		6	

5 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6594670

CENTERFIRE PATTERNS # 4

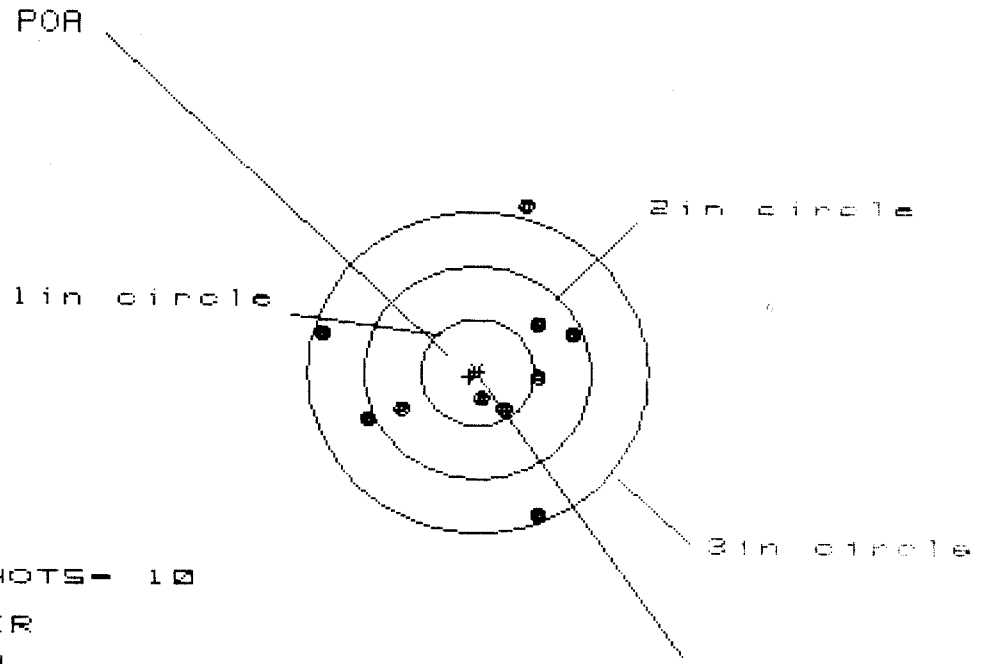


# OF SHOTS= 10
# IN CIR
1in = 1
2in = 7
3in = 10
HS= 2.122
VS= 2.285
GS= 2.362

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.959	.945	.797
MINIMUM X	:	-1.163	-1.177	-.832
MAXIMUM Y	:	1.307	.956	.986
MINIMUM Y	:	-.978	-.833	-.803
CENTROID X	:	.046	.060	.208
CENTROID Y	:	.058	-.087	-.117
POA TO CENTROID in.	:	.074	.106	.238
MIN RADIUS	:	.353	.280	.130
MEAN RADIUS	:	.856	.787	.712
MAX RADIUS	:	1.313	1.202	1.015
HORIZONTAL SPREAD	:	2.122	2.122	1.629
VERTICAL SPREAD	:	2.285	1.789	1.789
EXTREME SPREAD	:	2.362	2.126	1.873
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

5 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C65994670

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 3
2in = 6
3in = 9

HS= 2.228
VS= 2.847
GS= 2.847

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.874	.927	.998
MINIMUM X	:	-1.353	-1.301	-1.230
MAXIMUM Y	:	1.535	.639	.496
MINIMUM Y	:	-1.312	-1.141	-.420
CENTROID X	:	.068	.016	-.055
CENTROID Y	:	.037	-.134	.009
POA TO CENTROID in.	:	.078	.135	.056
MIN RADIUS	:	.268	.105	.264
MEAN RADIUS	:	.906	.802	.763
MAX RADIUS	:	1.606	1.390	1.278
HORIZONTAL SPREAD	:	2.228	2.228	2.228
VERTICAL SPREAD	:	2.847	1.780	.916
EXTREME SPREAD	:	2.847	2.481	2.230
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	