C6687587

MODEL 700 TH M24

Model 5HS TM

Action

Barrel Length

Capacity

Order No. 57 16

*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: RE00147465
Verify Repair

Serial: C6587587 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:
Status: Closed 7/10/2008 5:28:09 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

Start | 8 Microsoft ... | My Exate - Win... | 4 Microsoft ... | Arms Services ... | 7:55 AM

Number: C6587587

Model: M24 SWS

RE00147465

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

A & E NUMBER:

SERIAL NUMBER: C658 7587

LOG-IN DATE:

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-18-08	RTC
505	RE-BARREL		7-19-08	RTC
560	ASSEMBLE	MAGNA - FLUX JUL 25 2008	7-19-08	RTC
600	PROOF	OPERATOR BA	7-21-08	TRW
605	CHECK HEADSPACE		7-21-08	TRW
610	DIS-ASSEMBLE GUN		7-21-08	RTC
612	MAGNAFLUX		7/25/08	RM
510	DRILL AND TAP		7-24-08	SP
615	ROLLMARK CALIBER		7/25/08	RT
618	ROTO-BLAST		7-25-08	DG
620	APPLY COATINGS		8/	
625	FINAL ASSEMBLY		8-4-08	RTC
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	RTC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.89 2.73 2.59 2.47 2.70	8-7-08	RTC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6# 6# 6#	8-7-08	RTC
	G) SAFETY OFF FORCE (2 LBS MIN)	5# 5# 5#	8-7-08	RTC
	I) FIRING PIN INDENT (.020)	.023 .023 .023	8-7-08	RTC
690	PACK		8/7/08	

N/A

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	2.69	2.20		2.48	
PULL #2	2.61	2.45		2.52	
PULL #3	2.67	2.54		2.59	
PULL #4	2.54	2.43		2.54	
PULL #5	2.71	2.46		2.54	
TOTAL	1322	1208		1267	
AVERAGE	2.64	2.41		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.30		
PULL #2	3.26	3.31		
PULL #3	3.24	3.35		
PULL #4	3.23	3.27		
PULL #5	3.16	3.28		
TOTAL	1600	1666		
AVERAGE	3.20	3.33		

	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	4.05	4.17		4.02
PULL #2	3.93	4.18		4.00
PULL #3	4.17	4.16		4.09
PULL #4	4.00	4.16		4.06
PULL #5	4.15	4.17		4.08
TOTAL	2030	2084		2025
AVERAGE	4.06	4.16		4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587587.__0
FILE DATE AND TIME: 08/06/2008 14:27

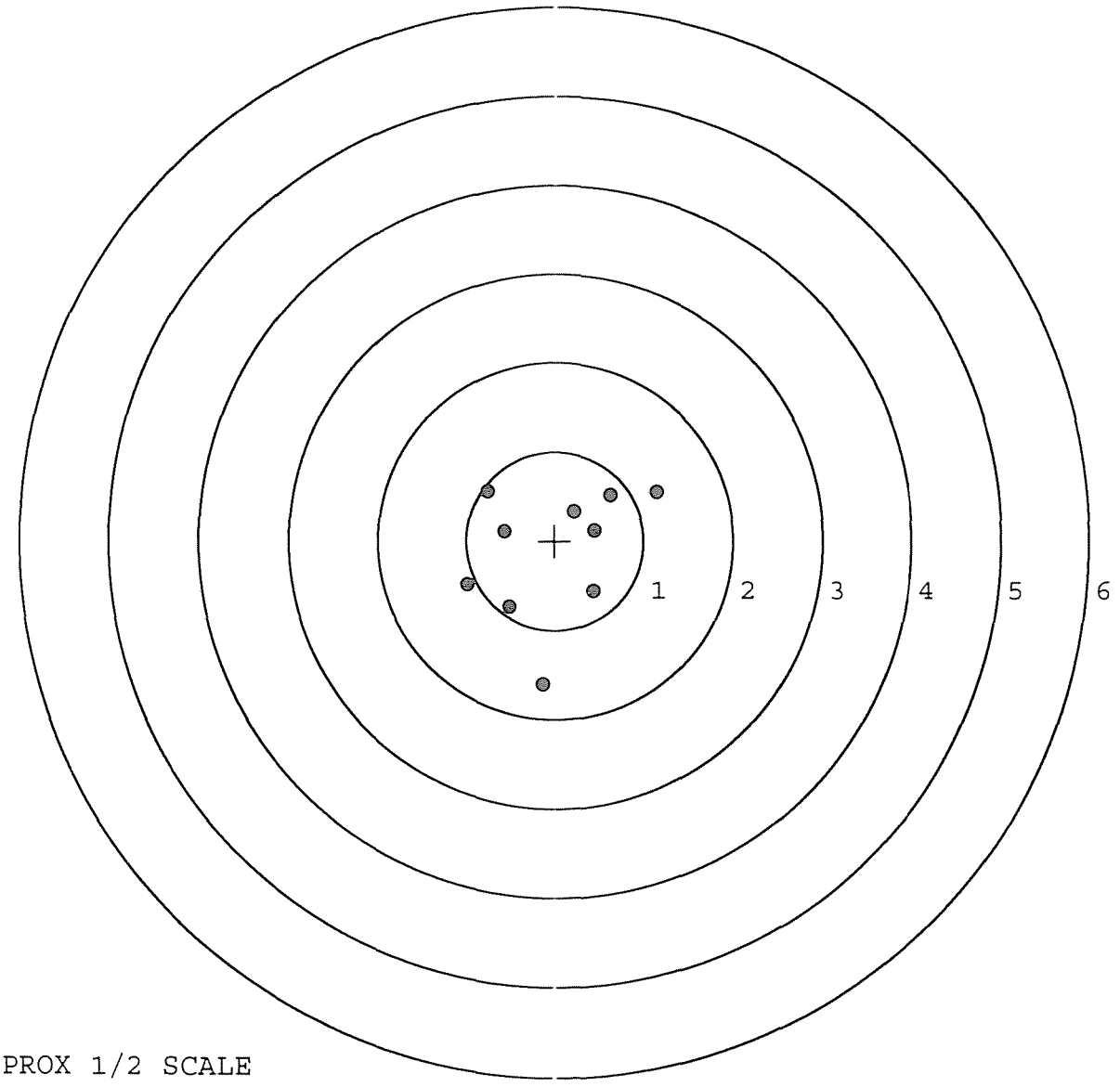
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.014
The Average Y Centroid of the Five Target Set:	-0.085
The Average Point of Impact of the Five Target Set:	0.086
The Average Mean Radius of the Five Target Set:	0.611
The Distance from POA to Centroid Target #1:	0.124
The Distance from Centroid Target #2 to Centroid Target #1:	0.092
The Distance from Centroid Target #3 to Centroid Target #1:	0.051
The Distance from Centroid Target #4 to Centroid Target #1:	0.126
The Distance from Centroid Target #5 to Centroid Target #1:	0.101

SERIAL NUMBER: C6587587.__0
TARGET NUMBER: 1
FILE DATE: 08/06/2008
FILE TIME: 14:27

X CENTROID:	-0.010
Y CENTROID:	-0.123
POA TO CENTROID:	0.124
HORZ SPREAD:	2.134
VERT SPREAD:	2.172
GROUP SPREAD:	2.515
MIN RADIUS:	0.509
MAX RADIUS:	1.496
MEAN RADIUS:	0.886
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.146	0.548
2:	0.624	0.517
3:	0.450	0.125
4:	0.219	0.331
5:	-0.573	0.109
6:	-0.760	0.558
7:	-0.988	-0.500
8:	-0.516	-0.743
9:	0.440	-0.563
10:	-0.139	-1.614

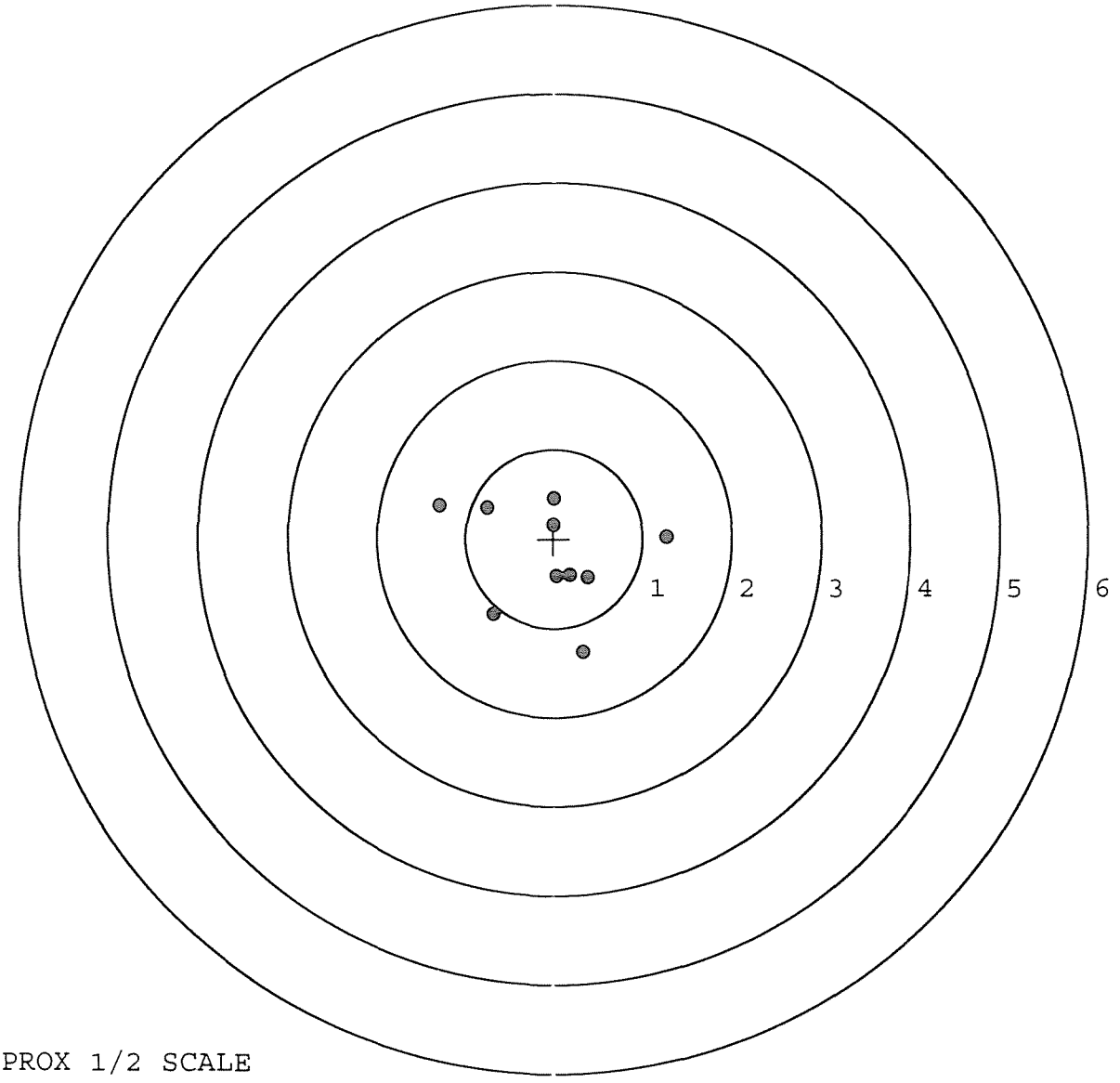


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587587.__0
TARGET NUMBER: 2
FILE DATE: 08/06/2008
FILE TIME: 14:27

X CENTROID:	-0.053
Y CENTROID:	-0.204
POA TO CENTROID:	0.211
HORZ SPREAD:	2.565
VERT SPREAD:	1.719
GROUP SPREAD:	2.588
MIN RADIUS:	0.239
MAX RADIUS:	1.368
MEAN RADIUS:	0.771
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.328	-1.271
2:	1.271	0.025
3:	0.383	-0.435
4:	0.036	-0.426
5:	0.184	-0.410
6:	-0.684	-0.850
7:	-0.004	0.448
8:	-0.755	0.346
9:	-1.294	0.371
10:	0.006	0.158

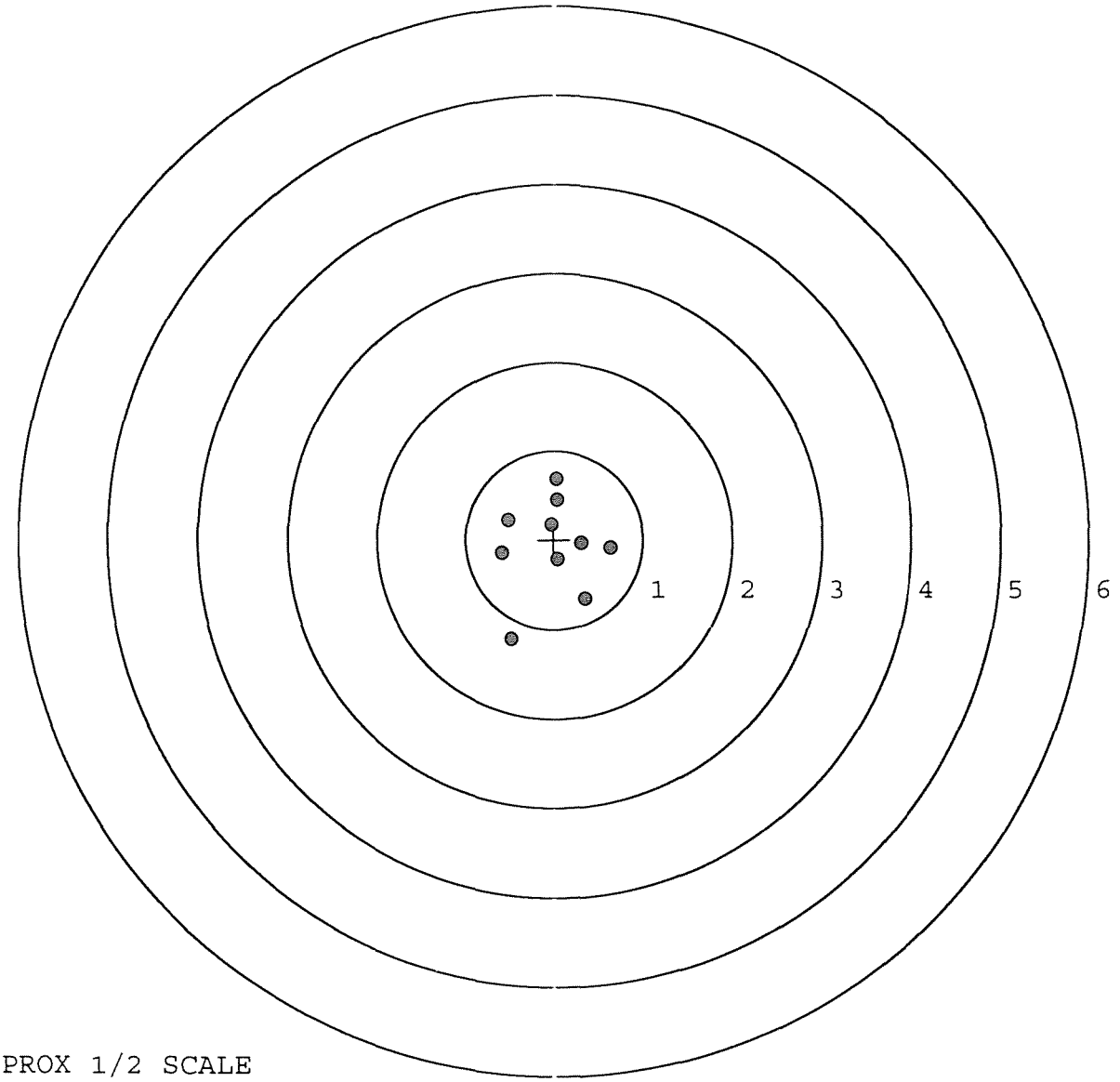


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587587.__0
TARGET NUMBER: 3
FILE DATE: 08/06/2008
FILE TIME: 14:27

X CENTROID:	-0.022
Y CENTROID:	-0.073
POA TO CENTROID:	0.077
HORZ SPREAD:	1.226
VERT SPREAD:	1.794
GROUP SPREAD:	1.866
MIN RADIUS:	0.162
MAX RADIUS:	1.132
MEAN RADIUS:	0.567
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.350	-0.658
2:	-0.482	-1.108
3:	0.638	-0.091
4:	-0.588	-0.152
5:	-0.523	0.225
6:	0.044	-0.222
7:	0.307	-0.036
8:	-0.030	0.172
9:	0.035	0.449
10:	0.031	0.686

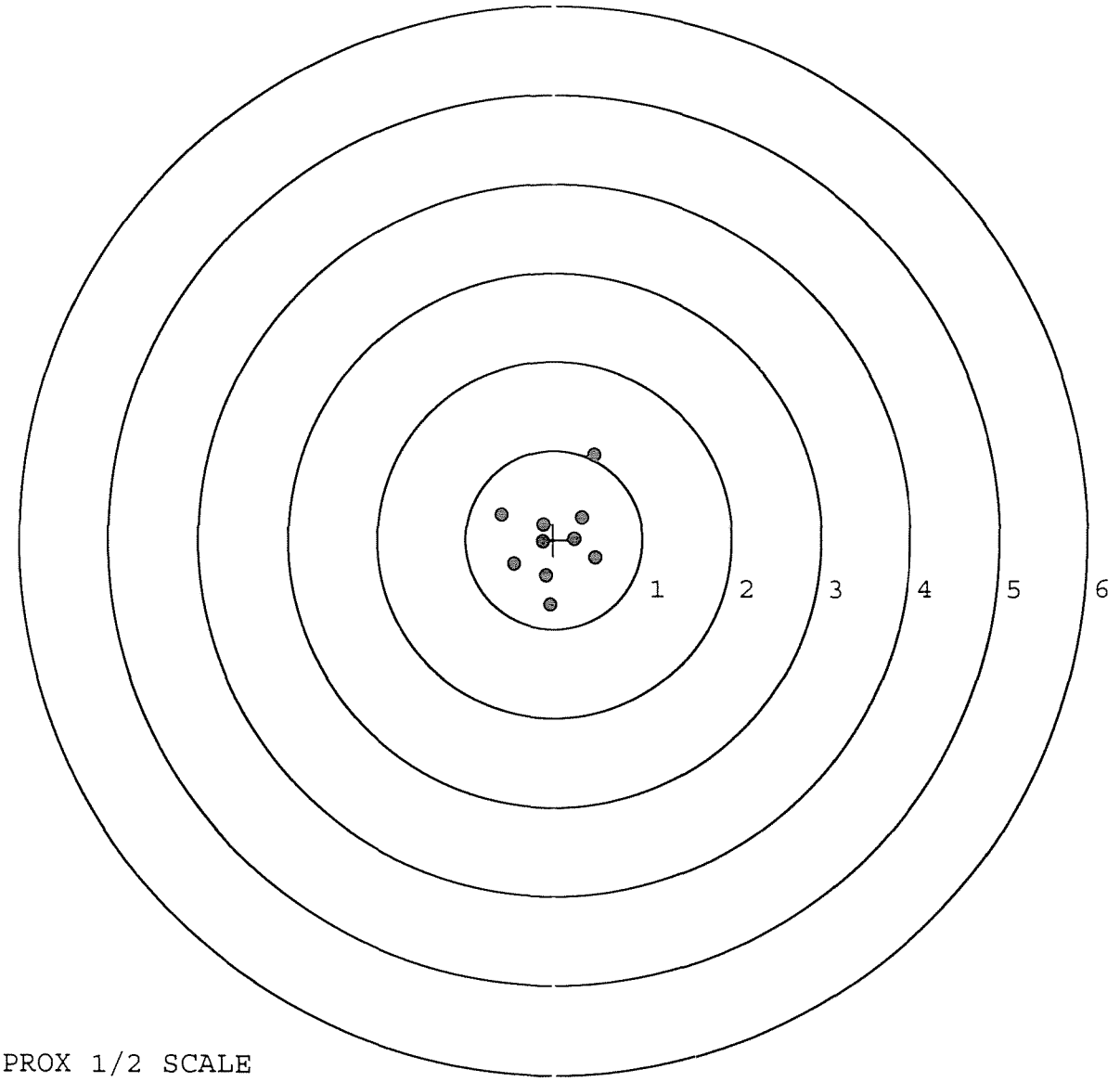


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587587.__0
TARGET NUMBER: 4
FILE DATE: 08/06/2008
FILE TIME: 14:27

X CENTROID:	0.005
Y CENTROID:	0.002
POA TO CENTROID:	0.005
HORZ SPREAD:	1.065
VERT SPREAD:	1.685
GROUP SPREAD:	1.758
MIN RADIUS:	0.130
MAX RADIUS:	1.053
MEAN RADIUS:	0.487
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.457	0.953
2:	0.470	-0.202
3:	0.314	0.250
4:	-0.119	0.170
5:	-0.595	0.275
6:	-0.451	-0.279
7:	-0.093	-0.404
8:	-0.046	-0.732
9:	-0.123	-0.022
10:	0.235	0.012

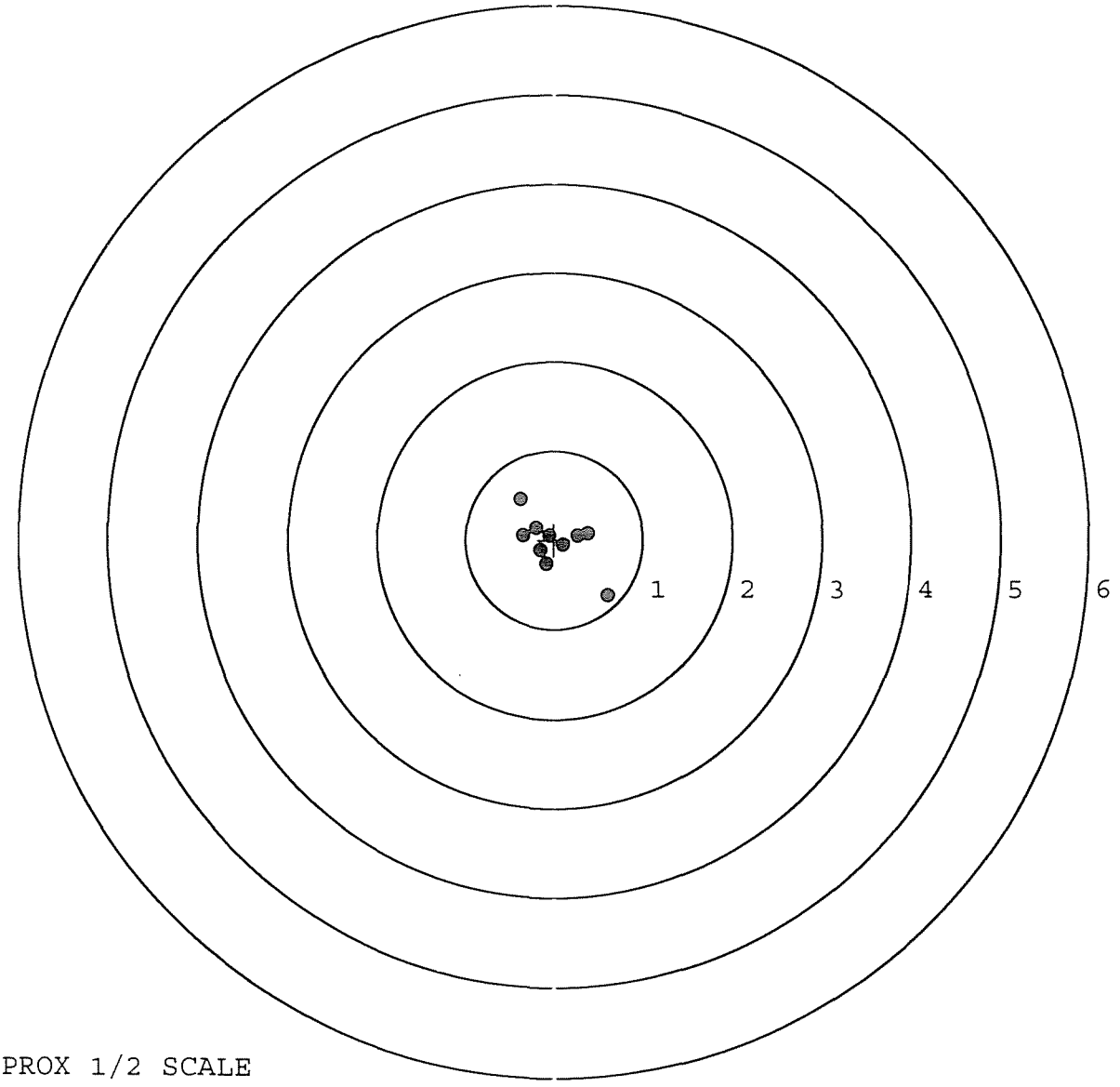


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587587.__0
TARGET NUMBER: 5
FILE DATE: 08/06/2008
FILE TIME: 14:27

X CENTROID:	0.011
Y CENTROID:	-0.024
POA TO CENTROID:	0.026
HORZ SPREAD:	0.985
VERT SPREAD:	1.081
GROUP SPREAD:	1.462
MIN RADIUS:	0.095
MAX RADIUS:	0.840
MEAN RADIUS:	0.341
# IN 1 IN DIAMETER:	8
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.600	-0.623
2:	0.386	0.076
3:	0.268	0.048
4:	0.101	-0.055
5:	-0.054	0.052
6:	-0.089	-0.273
7:	-0.157	-0.116
8:	-0.351	0.059
9:	-0.385	0.458
10:	-0.206	0.135



TARGET APPROX 1/2 SCALE

Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT!! Instruction Book enclosed to assure safe use of this firearm!
SERIAL NO.
C6587587
ORDER NO.
MODEL 700 ADL
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off, Marca Registrada Marque Deposee.
5715 C6587587
UPC
0 47700 35716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C658758?

OP. #	OP. NAME	READINGS	DATE	INI
575 & 580	Assemble Action and Stock		10/19/90	K4
600	Proof		10/19/90	K4
607	Check Headspace		10/19/90	K4
610	Dis-assemble Gun		10/19/90	K4
612	Magnaflux Barrel Action		10/22/90	KF
	Magnaflux Bolt		10/22/90	KF
615	Rollmark Caliber		10/22/90	JA
617	Drill and Tap Sight Holes		10/23/90	K
618	Polish Barrel RB		10/24/90	K
620	Apply Coatings (Barrel Action)		11-7-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	K
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	K
	C) Inspect Ejector Hole for Chamfer		11/7/90	K
	D) Oil Firing Pin Ass'y		11/7/90	K
	E) Adjust Trigger Pull to Min Setting and Stake		11/12/90	K

Op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5.0	5.0	5.0	11-9-90	KT
	G) Safety Off Force	3.0	2.75	2.75	11-9-90	KT
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent	.021	.022	.021	11-9-90	KT
	J) Assemble Stock				11/12/90	KS
	K) Assemble Swivel Studs				11/19/90	GS
	L) Attach Front and Rear Sight Assemblies				11/12/90	KS
	M) Iron Sight Alignment				11/12/90	KS
	N) Detach Front & Rear Sights & place in numbered container				11/12/90	KS
	O) Attach Scope to Rifle				11/12/90	KS
	P) Detach & Attach Scope 20 Times				11/12/90	KS
640	Gallery Target & Test				11-13-90	AC
	A) Time				11-13-90	AC
	B) Malfunctions				11-13-90	AC
	C) Pierced Primers				11-13-90	AC
	D) Optical Clearity of Scope				11-13-90	AC
645	Inspect for Live Ammo				11-13-90	AC
655	Final Inspection A) Headspace				11/19/90	GS
	B) Trigger Pull	2 4½	2 5½	2 5½ 2 5½ 2 4 9	11/19/90	GS
	C) Function				11/19/90	GS
660	Pack				12-17-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587587
DATE 12/10/90
TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	250	232	233	246	MIN. SETTING,
PULL #2	238	238	237	256	NO AVG. OF 5
PULL #3	230	239	249	251	READINGS ACCEPT-
PULL #4	236	237	243	249	ABLE LESS THAN 2#
PULL #5	235	238	242	256	
TOTAL					
AVG.					

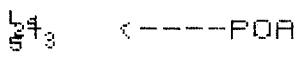
	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	290	296		
PULL #2	296	288		
PULL #3	296	300		
PULL #4	298	292		
PULL #5	304	298		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	397	404		420
PULL #2	409	403		415
PULL #3	407	404		419
PULL #4	395	401		418
PULL #5	402	401		421
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587587
13 Nov 1990

CENTROIDAL DISTANCES

0	TO	1	.465102
1	TO	2	.256813
1	TO	3	.795327
1	TO	4	.396268
1	TO	5	.47009

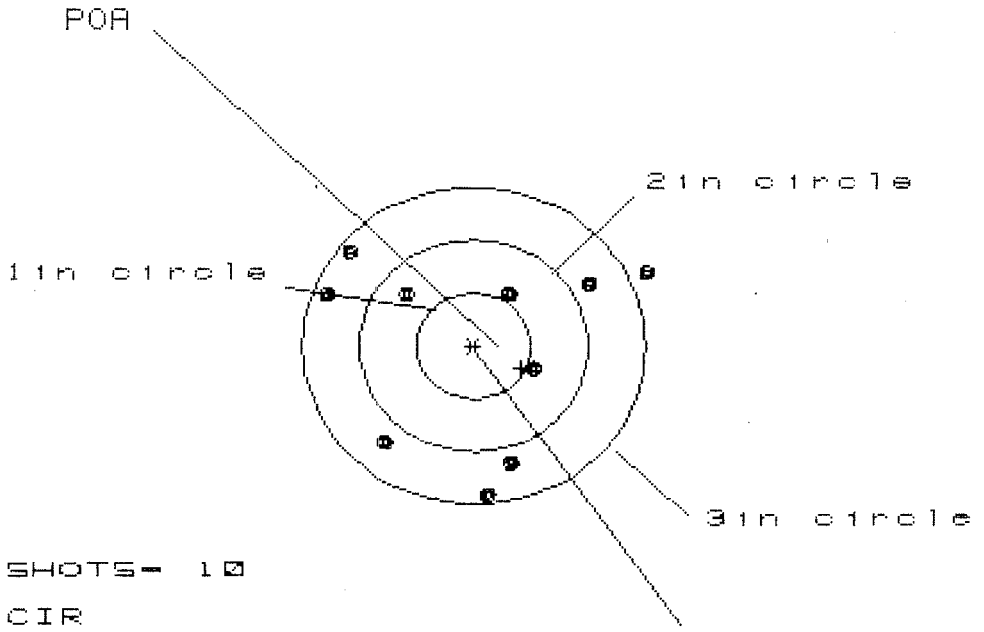


THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1512
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.017
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .152153

THE AMR FOR THIS RIFLE IS: 1.091

13 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587587

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 3

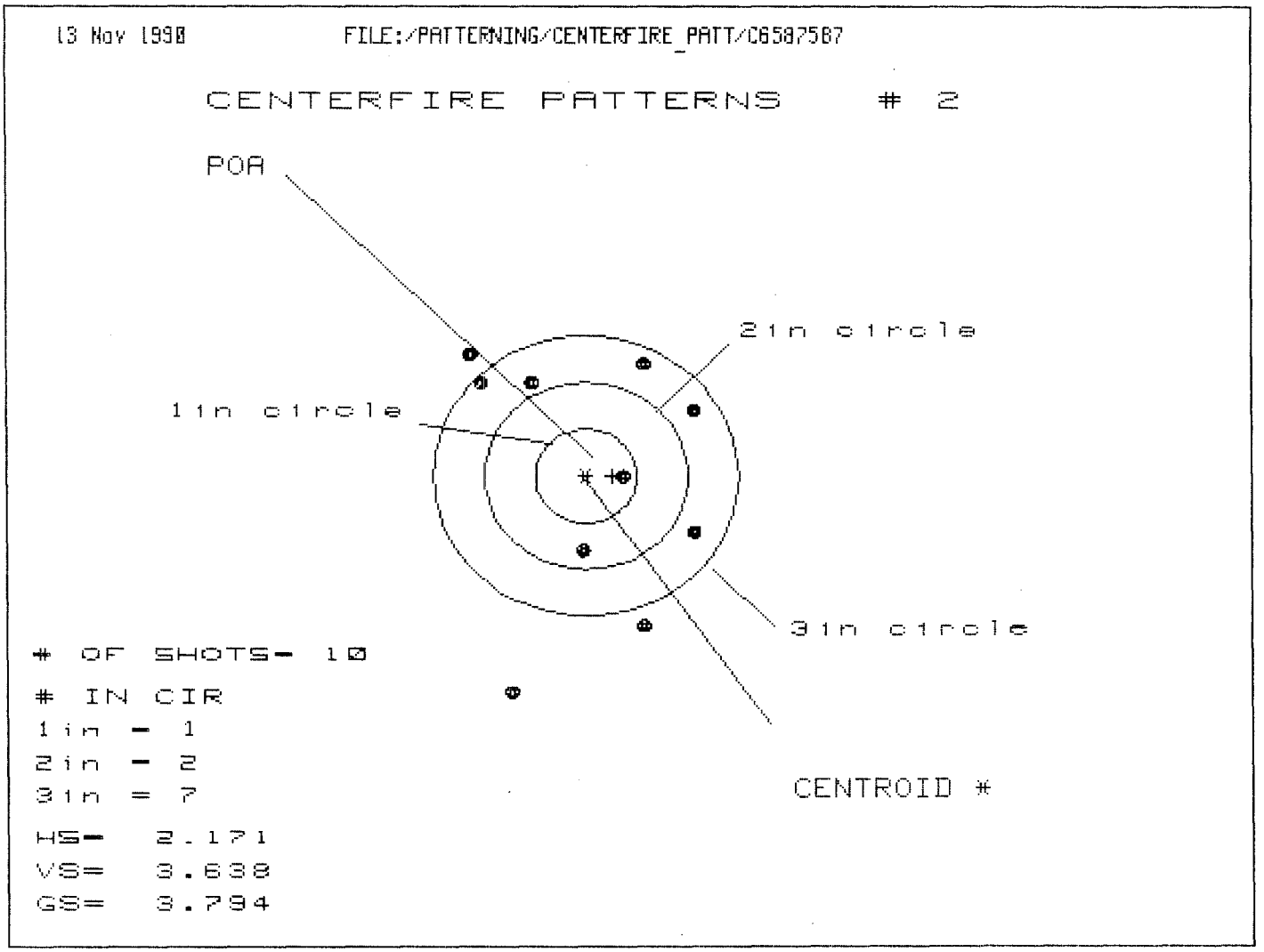
3in = 9

HS= 2.819

VS= 2.357

GS= 2.841

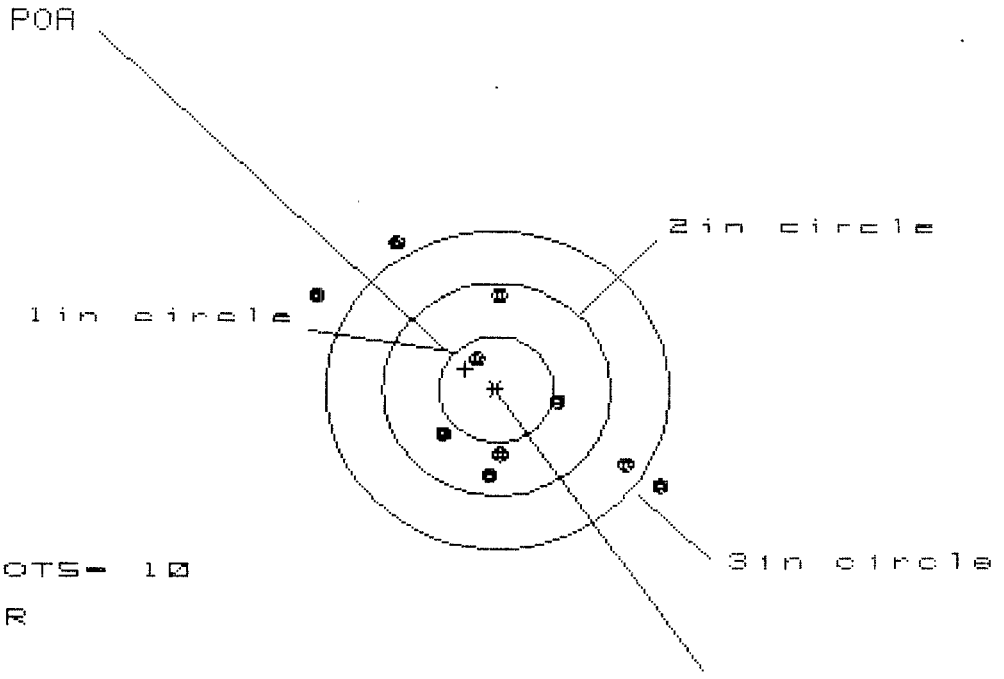
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.558	1.210	1.241
MINIMUM X	:	-1.261	-1.088	-1.057
MAXIMUM Y	:	.906	.981	.809
MINIMUM Y	:	-1.451	-1.376	-1.206
CENTROID X	:	-.416	-.589	-.620
CENTROID Y	:	.208	.133	.305
POA TO CENTROID in.	:	.465	.604	.691
MIN RADIUS	:	.553	.714	.599
MEAN RADIUS	:	1.144	1.082	1.022
MAX RADIUS	:	1.696	1.398	1.334
HORIZONTAL SPREAD	:	2.819	2.298	2.298
VERTICAL SPREAD	:	2.357	2.357	2.015
EXTREME SPREAD	:	2.841	2.633	2.454
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	.980	.831
MINIMUM X	:	-1.104	-1.191	-1.258
MAXIMUM Y	:	1.316	1.058	1.101
MINIMUM Y	:	-2.322	-1.850	-1.717
CENTROID X	:	-.264	-.177	-.028
CENTROID Y	:	.001	.259	.126
POA TO CENTROID in.	:	.264	.313	.129
MIN RADIUS	:	.334	.339	.140
MEAN RADIUS	:	1.332	1.176	1.091
MAX RADIUS	:	2.450	1.902	1.742
HORIZONTAL SPREAD	:	2.171	2.171	2.089
VERTICAL SPREAD	:	3.638	2.908	2.818
EXTREME SPREAD	:	3.794	3.335	3.038
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		7	

13 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587587

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

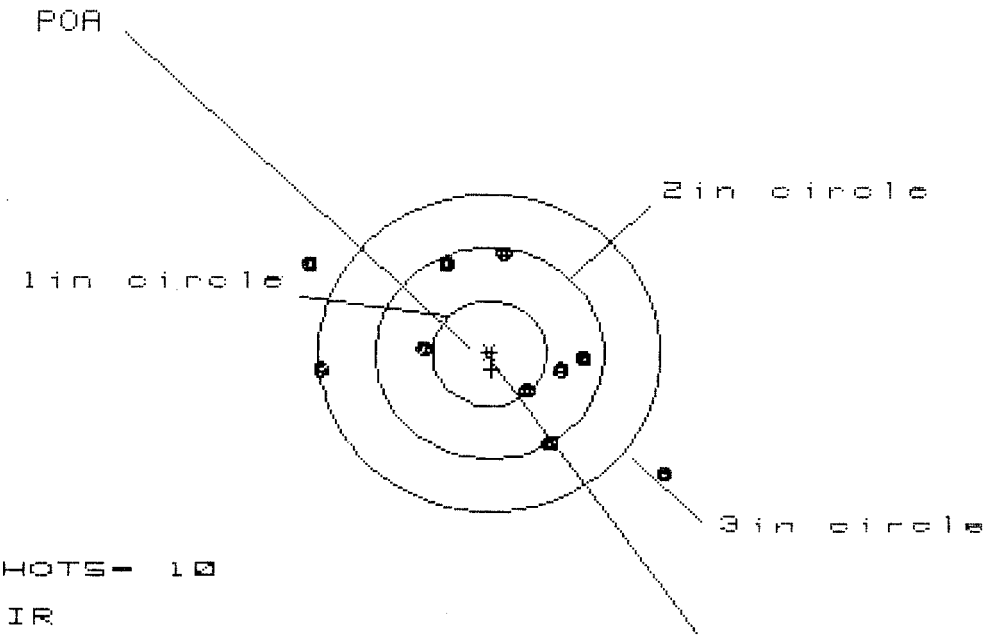
# IN CIR
1in = 1
2in = 6
3in = 7

HS= 3.015
VS= 2.275
GS= 3.466

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.405	1.226	1.095
MINIMUM X	:	-1.610	-1.046	-.760
MAXIMUM Y	:	1.413	1.507	1.160
MINIMUM Y	:	-.862	-.768	-.579
CENTROID X	:	.272	.451	.582
CENTROID Y	:	-.191	-.285	-.474
POA TO CENTROID in.	:	.332	.533	.750
MIN RADIUS	:	.377	.376	.310
MEAN RADIUS	:	1.032	.927	.791
MAX RADIUS	:	1.819	1.835	1.239
HORIZONTAL SPREAD	:	3.015	2.272	1.855
VERTICAL SPREAD	:	2.275	2.275	1.739
EXTREME SPREAD	:	3.466	3.215	2.217
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

13 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6587587

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

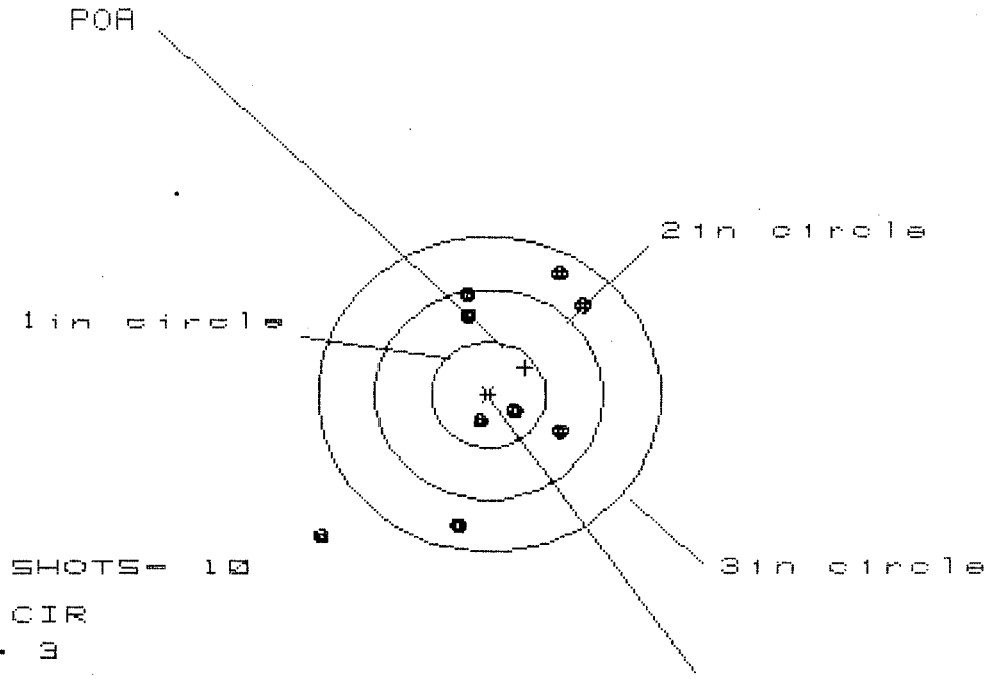
# IN CIR
1in = 1
2in = 6
3in = 8

HS= 3.035
VS= 2.024
GS= 3.616

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.480	.979	.805
MINIMUM X	:	-1.555	-1.391	-1.438
MAXIMUM Y	:	.909	.785	.876
MINIMUM Y	:	-1.115	-.992	-.901
CENTROID X	:	-.024	-.188	-.014
CENTROID Y	:	.150	.274	.183
POA TO CENTROID in.	:	.152	.332	.183
MIN RADIUS	:	.479	.423	.497
MEAN RADIUS	:	1.045	.957	.852
MAX RADIUS	:	1.853	1.569	1.451
HORIZONTAL SPREAD	:	3.035	2.370	2.243
VERTICAL SPREAD	:	2.024	1.777	1.777
EXTREME SPREAD	:	3.616	2.728	2.245
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

13 Nov 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C65875B7

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

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

HS= 2.263
VS= 2.528
GS= 3.255

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.829	.669	.726
MINIMUM X	:	-1.434	-.470	-.413
MAXIMUM Y	:	1.161	1.009	.917
MINIMUM Y	:	-1.367	-1.401	-1.274
CENTROID X	:	-.324	-.164	-.221
CENTROID Y	:	-.253	-.101	-.228
POA TO CENTROID in.	:	.411	.193	.317
MIN RADIUS	:	.261	.344	.233
MEAN RADIUS	:	.903	.788	.718
MAX RADIUS	:	1.981	1.477	1.340
HORIZONTAL SPREAD	:	2.263	1.139	1.139
VERTICAL SPREAD	:	2.528	2.410	2.192
EXTREME SPREAD	:	3.255	2.582	2.390
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	