

C6349052

MODEL 700™ M24

Model **SMS**™

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: **RE00133036**

Serial: C6349052 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1990

Repairman:

Verify Repair

High Priority

Status:

Closed 8/22/2007 7:11:23 AM

Address Information

Customer:

☒ Received From

Return To:

☒ Received From

Name: **TRANSPORTATION OFFICER**

TRANSPORTATION OFFICER

Address 1: **XR WOK8 USA ROCK ISL ARSENAL**

XR WOK8 USA ROCK ISL ARSENAL

Address 2: **BLDG 299 GILLESPIE AVE BECK** PO Box:

BLDG 299 GILLESPIE AVE BECK PO Box:

City: **ROCK ISLAND**

ROCK ISLAND

State: **IL**

Zip Code: **61299**

Country: **US**

State: **IL**

Zip Code: **61299**

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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A055	Deployment Kit	1
A057	Frt and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

8/22/2007

7:55 AM

CAPS

NUM

INS

SCRL

start

Inbox - Micr...

Calendar - M...

FW: Restrict...

Arms Service...

7:55 AM

Serial Number:

C6349052

Model: **M24 SWS**



RE00133036

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349052.___0
FILE DATE AND TIME: 11/30/2007 11:21

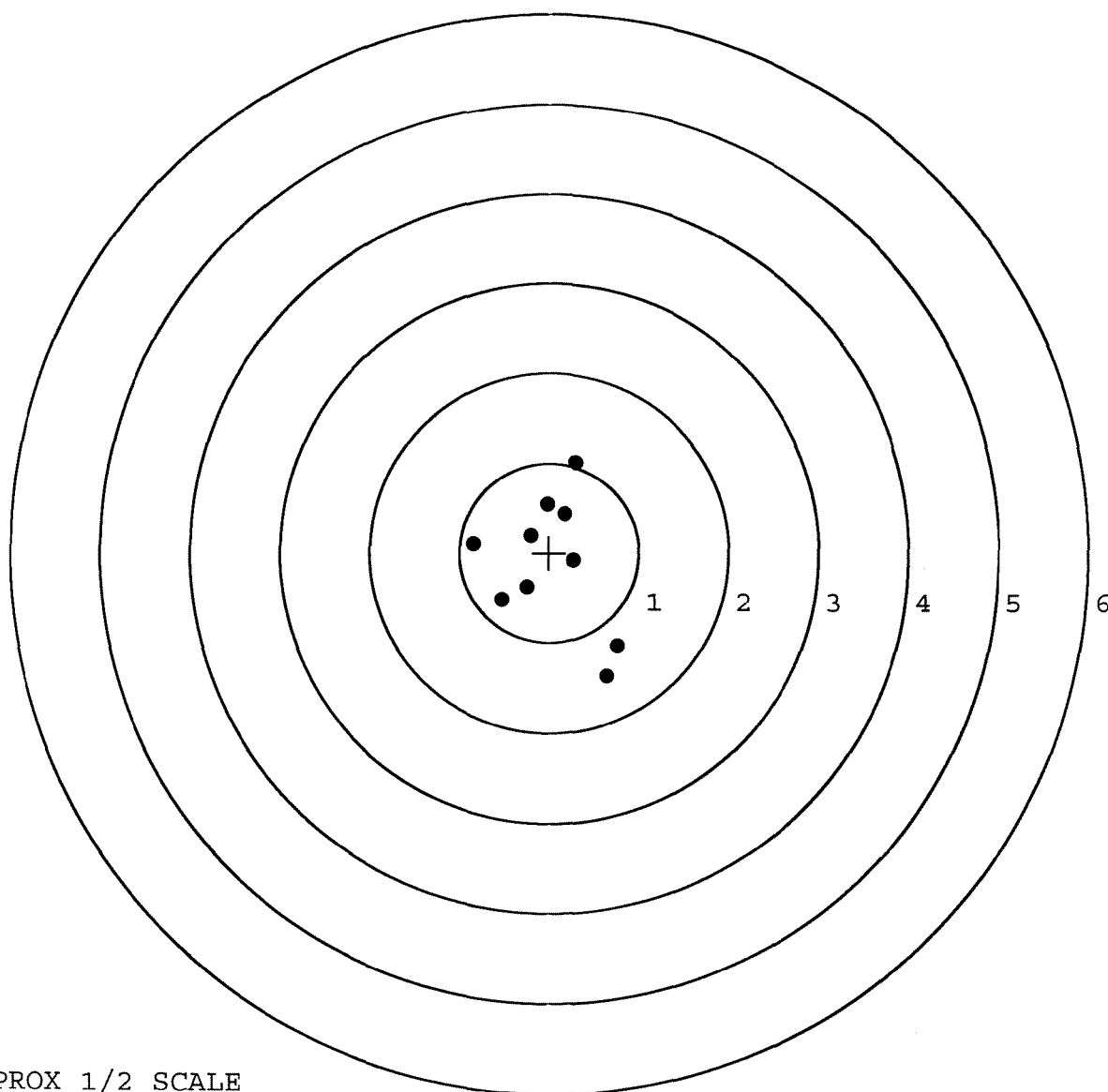
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.037
The Average Y Centroid of the Five Target Set:	-0.086
The Average Point of Impact of the Five Target Set:	0.093
The Average Mean Radius of the Five Target Set:	0.684
The Distance from POA to Centroid Target #1:	0.120
The Distance from Centroid Target #2 to Centroid Target #1:	0.029
The Distance from Centroid Target #3 to Centroid Target #1:	0.087
The Distance from Centroid Target #4 to Centroid Target #1:	0.102
The Distance from Centroid Target #5 to Centroid Target #1:	0.146

SERIAL NUMBER: C6349052. __0
TARGET NUMBER: 1
FILE DATE: 11/30/2007
FILE TIME: 11:21

X CENTROID: 0.031
Y CENTROID: -0.116
POA TO CENTROID: 0.120
HORZ SPREAD: 1.614
VERT SPREAD: 2.390
GROUP SPREAD: 2.415
MIN RADIUS: 0.250
MAX RADIUS: 1.406
MEAN RADIUS: 0.761
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.649	-1.379
2:	0.766	-1.042
3:	-0.530	-0.533
4:	-0.252	-0.387
5:	0.279	-0.086
6:	0.180	0.428
7:	-0.023	0.538
8:	-0.213	0.190
9:	-0.848	0.104
10:	0.302	1.011

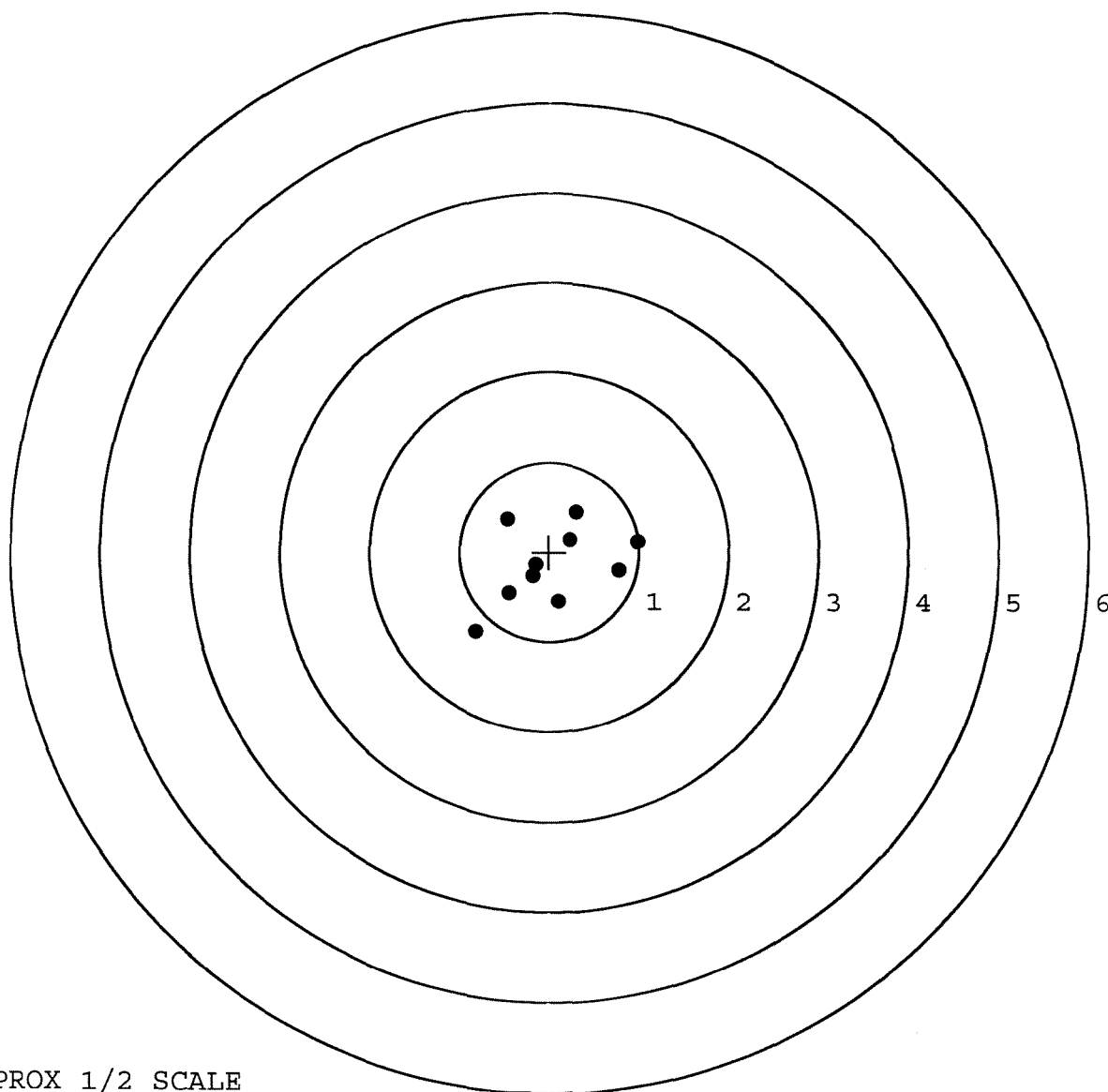


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349052. __0
TARGET NUMBER: 2
FILE DATE: 11/30/2007
FILE TIME: 11:21

X CENTROID: 0.033
Y CENTROID: -0.144
POA TO CENTROID: 0.148
HORZ SPREAD: 1.807
VERT SPREAD: 1.334
GROUP SPREAD: 2.067
MIN RADIUS: 0.181
MAX RADIUS: 1.133
MEAN RADIUS: 0.600
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.984	0.117
2:	0.782	-0.202
3:	0.302	0.447
4:	0.231	0.134
5:	-0.472	0.371
6:	0.104	-0.556
7:	-0.148	-0.146
8:	-0.453	-0.455
9:	-0.823	-0.887
10:	-0.180	-0.267

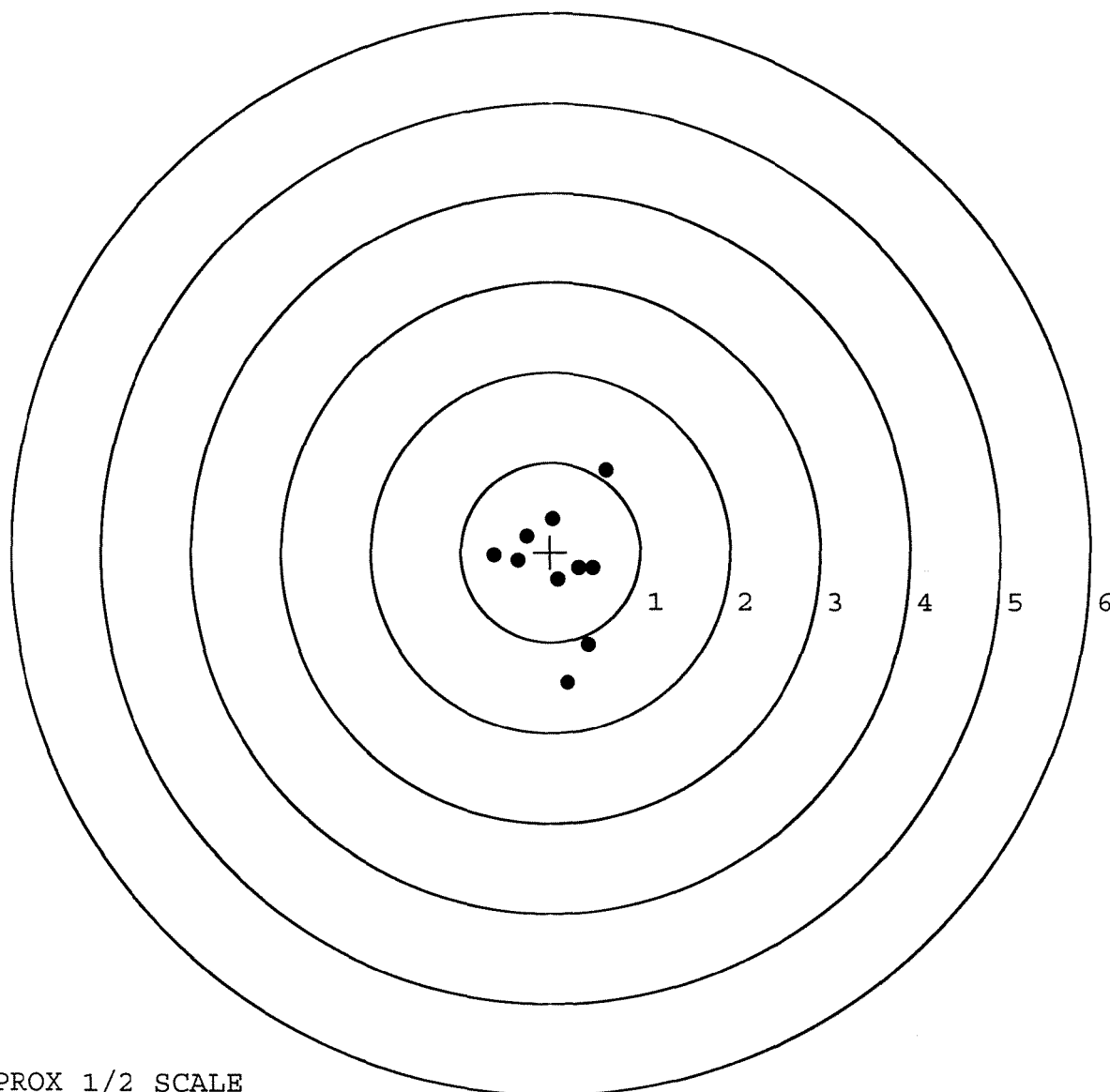


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349052.___0
TARGET NUMBER: 3
FILE DATE: 11/30/2007
FILE TIME: 11:21

X CENTROID: 0.089
Y CENTROID: -0.181
POA TO CENTROID: 0.202
HORZ SPREAD: 1.254
VERT SPREAD: 2.366
GROUP SPREAD: 2.404
MIN RADIUS: 0.128
MAX RADIUS: 1.271
MEAN RADIUS: 0.641
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.198	-1.447
2:	0.424	-1.031
3:	0.476	-0.174
4:	0.324	-0.178
5:	0.082	-0.308
6:	0.022	0.370
7:	0.626	0.919
8:	-0.271	0.178
9:	-0.361	-0.096
10:	-0.628	-0.040

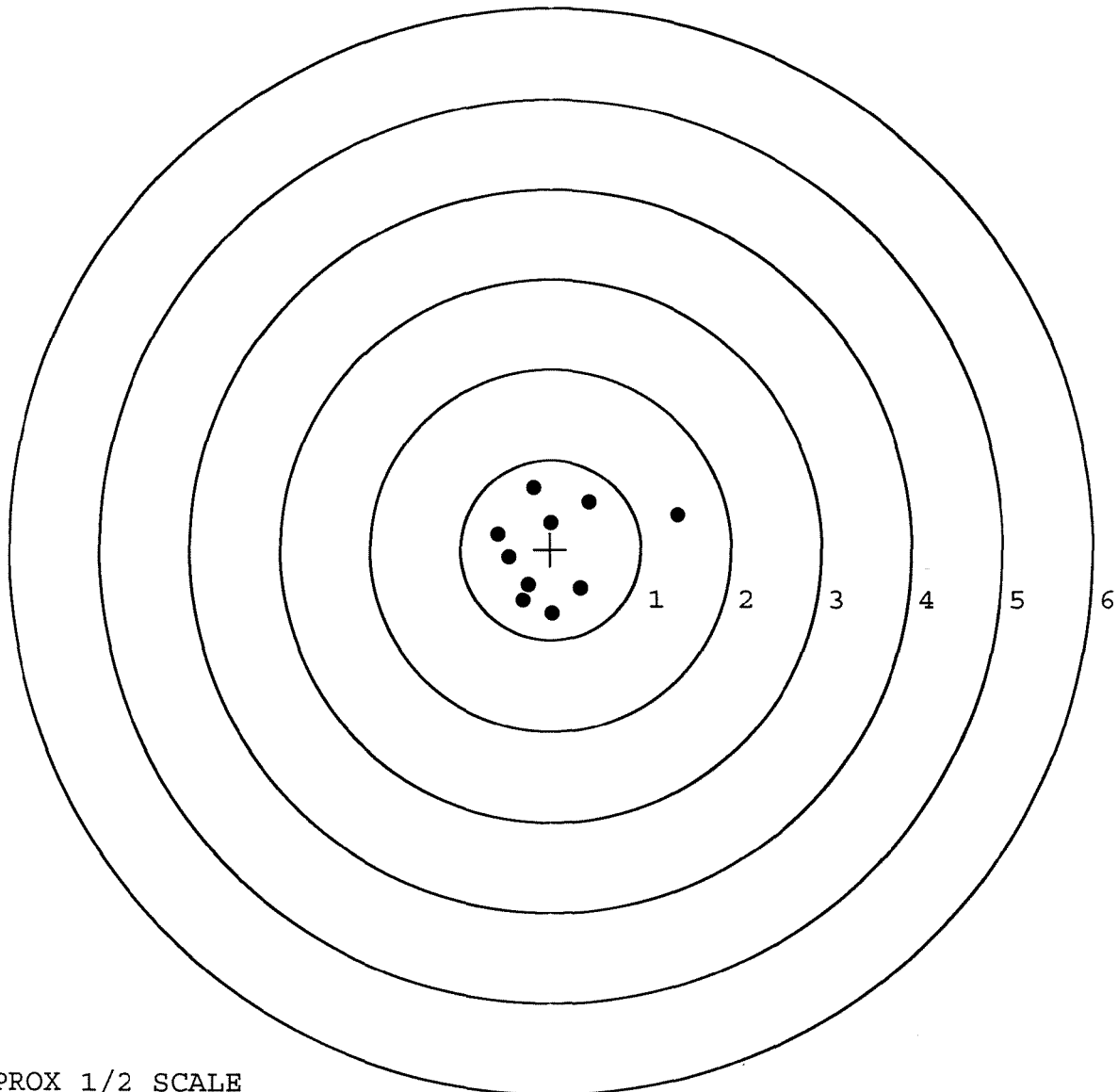


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349052.___0
TARGET NUMBER: 4
FILE DATE: 11/30/2007
FILE TIME: 11:21

X CENTROID: 0.038
Y CENTROID: -0.014
POA TO CENTROID: 0.040
HORZ SPREAD: 1.996
VERT SPREAD: 1.396
GROUP SPREAD: 2.008
MIN RADIUS: 0.314
MAX RADIUS: 1.425
MEAN RADIUS: 0.665
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.403	0.393
2:	0.430	0.529
3:	-0.001	0.298
4:	-0.193	0.680
5:	0.334	-0.433
6:	0.018	-0.716
7:	-0.307	-0.572
8:	-0.462	-0.088
9:	-0.593	0.170
10:	-0.252	-0.398

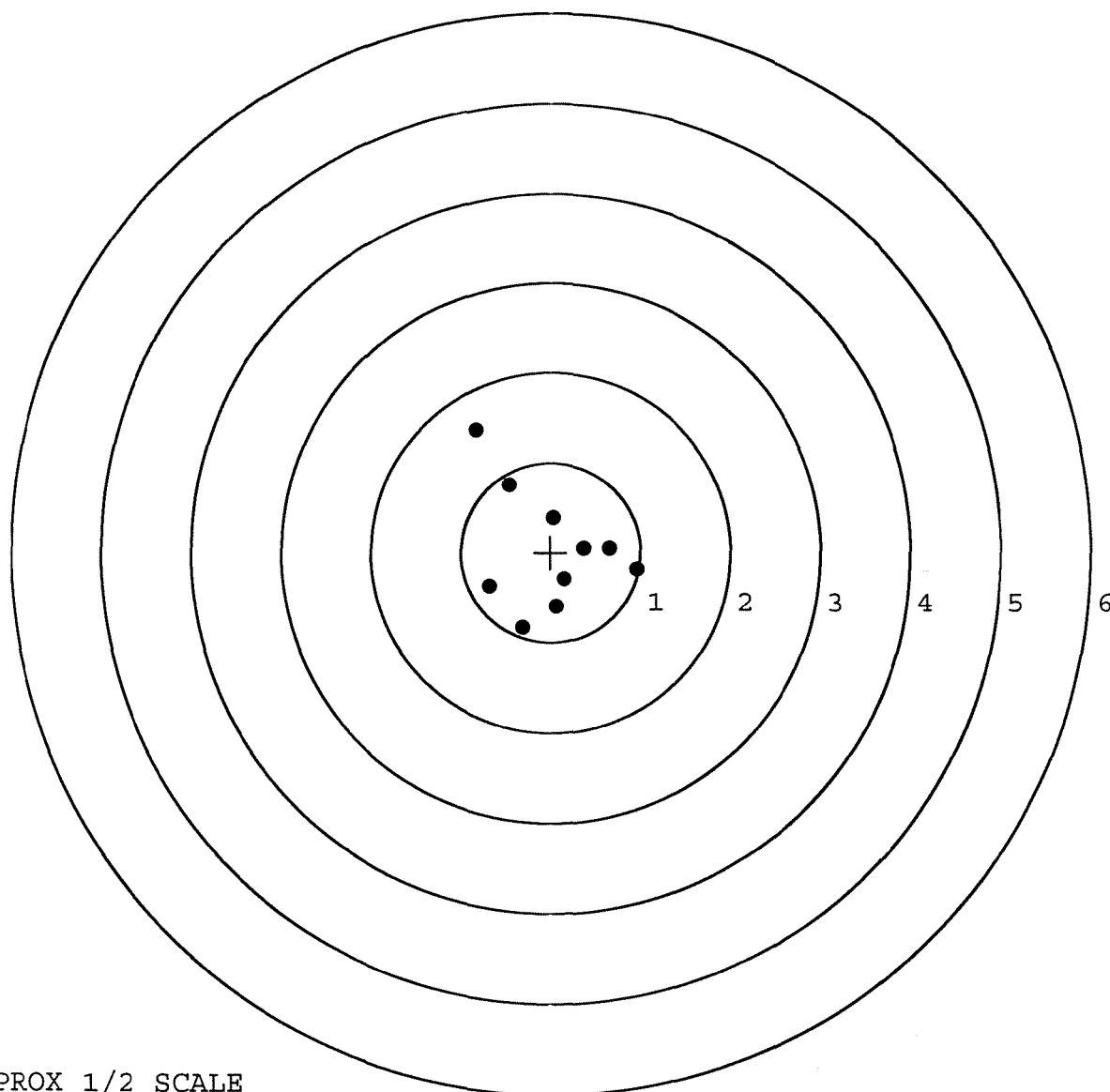


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349052.___0
TARGET NUMBER: 5
FILE DATE: 11/30/2007
FILE TIME: 11:21

X CENTROID: -0.005
Y CENTROID: 0.026
POA TO CENTROID: 0.026
HORZ SPREAD: 1.803
VERT SPREAD: 2.210
GROUP SPREAD: 2.384
MIN RADIUS: 0.356
MAX RADIUS: 1.579
MEAN RADIUS: 0.754
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.839	1.366
2:	-0.461	0.749
3:	0.029	0.380
4:	0.369	0.052
5:	0.658	0.047
6:	0.964	-0.193
7:	0.154	-0.306
8:	0.066	-0.610
9:	-0.314	-0.844
10:	-0.681	-0.386



TARGET APPROX 1/2 SCALE

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

R & E NUMBER <u>133036</u>			
SERIAL NUMBER <u>C6349052</u>			
LOG-IN DATE <u>8-22-07</u>			
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-1-07	RTZ
505	RE-BARREL	11-2-07	RTZ
560	ASSEMBLE	11-2-07	RTZ
600	PROOF	11-7-07	TRW
605	CHECK HEADSPACE	11-7-07	TRW
610	DIS-ASSEMBLE GUN	11-08-07	TRW
612	MAGNAFLUX	11-14-07	JB
510	DRILL AND TAP	11-8-07	SD
615	ROLLMARK CALIBER	11-3-07	CW
618	ROTO-BLAST	11-14-07	YU
620	APPLY COATINGS	11/27/07	RB
625	FINAL ASSEMBLY	11-28-07	RTZ
640	FUNCTION TEST AND	PASS FAIL 11-29-07	TRW
650	TARGET	PASS FAIL 11-29-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	11-29-07	TRW
	A) HEADSPACE	PASS FAIL 11-29-07	RTZ
	B) TRIGGER PULL	2.73 2.67 2.70 2.72 2.71 11/29/07	DA
680	F) SAFETY ON FORCE	62 55 62 11/29/07	DA
	G) SAFETY OFF FORCE	2.5 2.5 2.2 11/29/07	DA
	I) FIRING PIN INDENT	.024 .024 .024 11/29/07	DA
690	PACK	11/30/07	DA

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: **RE00092940** Serial: C6349052 Model: M24 SWS Centerfire
 Verify Repair: [REDACTED] Caliber: 7.62 NATO Produced: 03/13/1990 Repairman: [REDACTED]
 Status: Closed 2/10/2005 1:14:03 PM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: [REDACTED] [REDACTED]
 Address 2: [REDACTED] PO Box: [REDACTED] [REDACTED] PO Box: [REDACTED]
 City: **ANNISTON** **ANNISTON**
 State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FPL: [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: [REDACTED]
 Fax: [REDACTED]
 Email: [REDACTED]
 Comments: [REDACTED]

Received Condition

Condition: **Good**
 Condition Notes: [REDACTED]
 CSR Notes: [REDACTED]

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

reglet 2/14/2005 3:17 AM CAPS NUM INS SCPL

start 5 2 4 Arms Service

Serial Number: **C6349052**
 Model: **M24 SWS**

RE00092940

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349052.__0
FILE DATE AND TIME: 04/25/2005 08:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

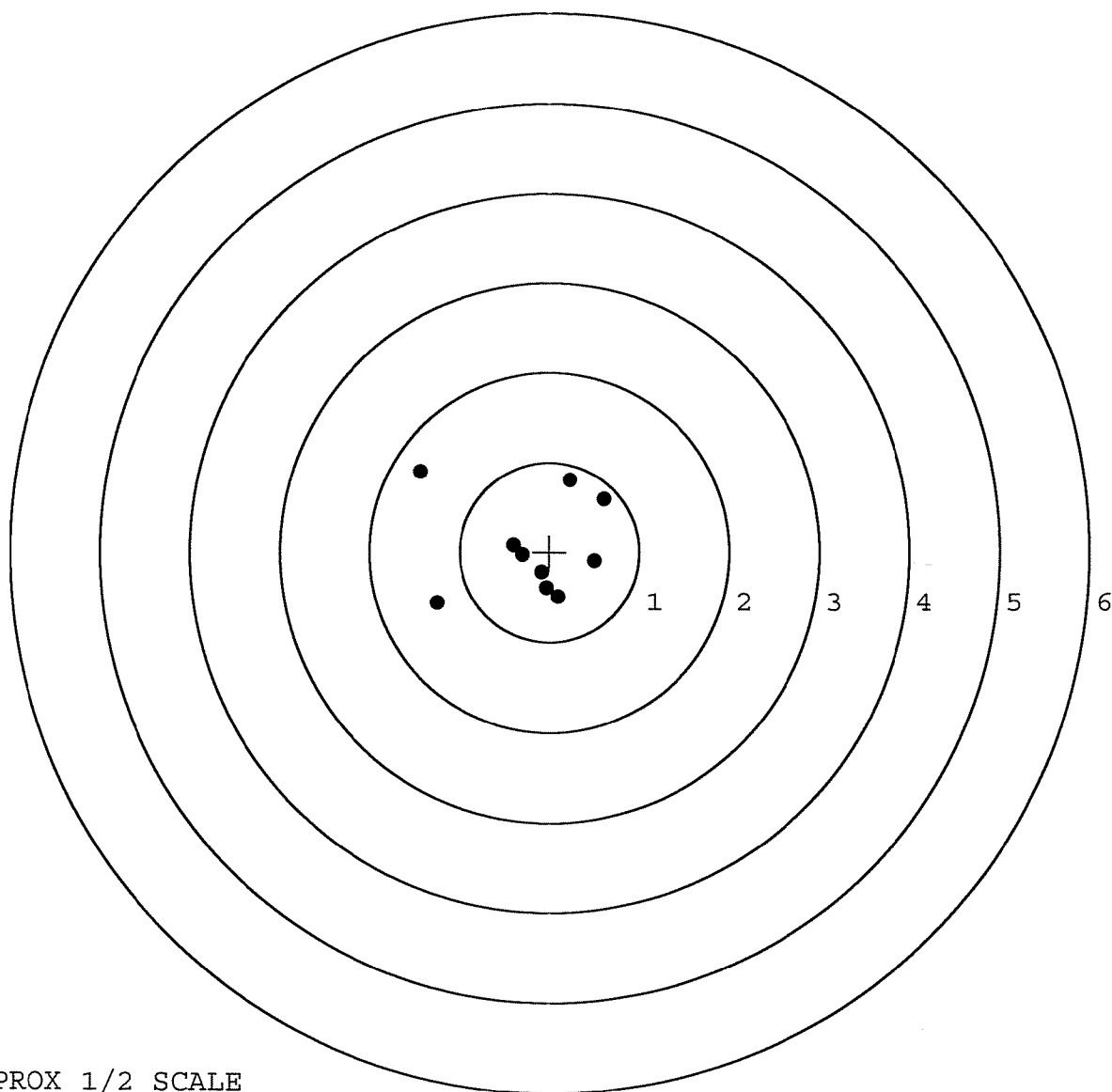
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Ave. mean .798

SERIAL NUMBER: C6349052. 0
TARGET NUMBER: 1
FILE DATE: 04/25/2005
FILE TIME: 08:27

X CENTROID: -0.208
Y CENTROID: 0.051
POA TO CENTROID: 0.214
HORZ SPREAD: 2.046
VERT SPREAD: 1.469
GROUP SPREAD: 2.179
MIN RADIUS: 0.132
MAX RADIUS: 1.490
MEAN RADIUS: 0.704
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.611	0.590
2:	0.233	0.803
3:	-1.435	0.896
4:	-1.247	-0.573
5:	0.502	-0.103
6:	-0.405	0.079
7:	-0.306	-0.037
8:	-0.093	-0.232
9:	-0.035	-0.405
10:	0.098	-0.504

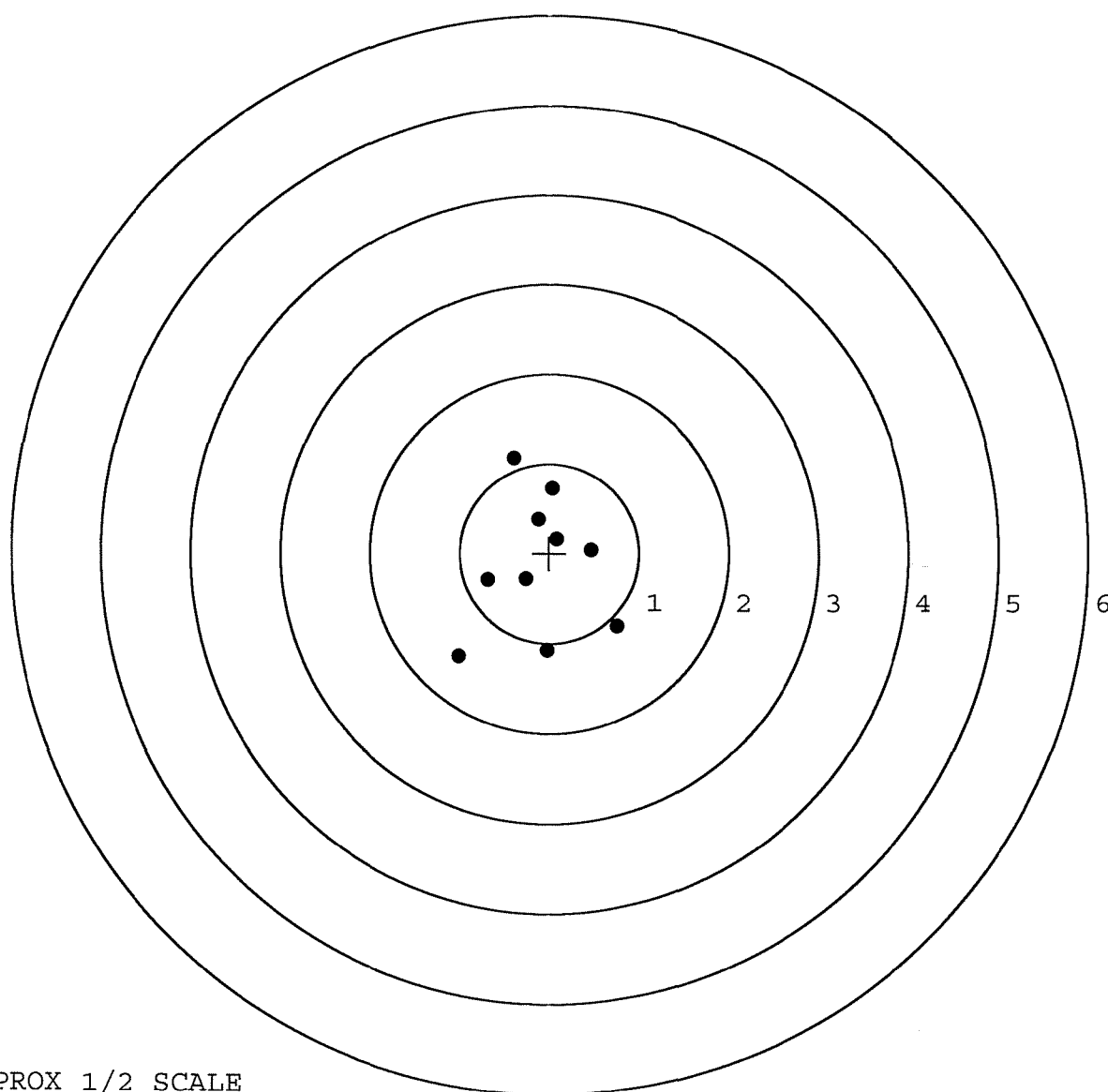


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349052. 0
TARGET NUMBER: 2
FILE DATE: 04/25/2005
FILE TIME: 08:27

X CENTROID: -0.117
Y CENTROID: -0.127
POA TO CENTROID: 0.173
HORZ SPREAD: 1.772
VERT SPREAD: 2.206
GROUP SPREAD: 2.292
MIN RADIUS: 0.222
MAX RADIUS: 1.356
MEAN RADIUS: 0.779
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.754	-0.815
2:	0.471	0.038
3:	0.083	0.158
4:	-0.123	0.374
5:	0.038	0.721
6:	-0.397	1.065
7:	-0.266	-0.293
8:	-0.028	-1.084
9:	-0.688	-0.298
10:	-1.018	-1.141

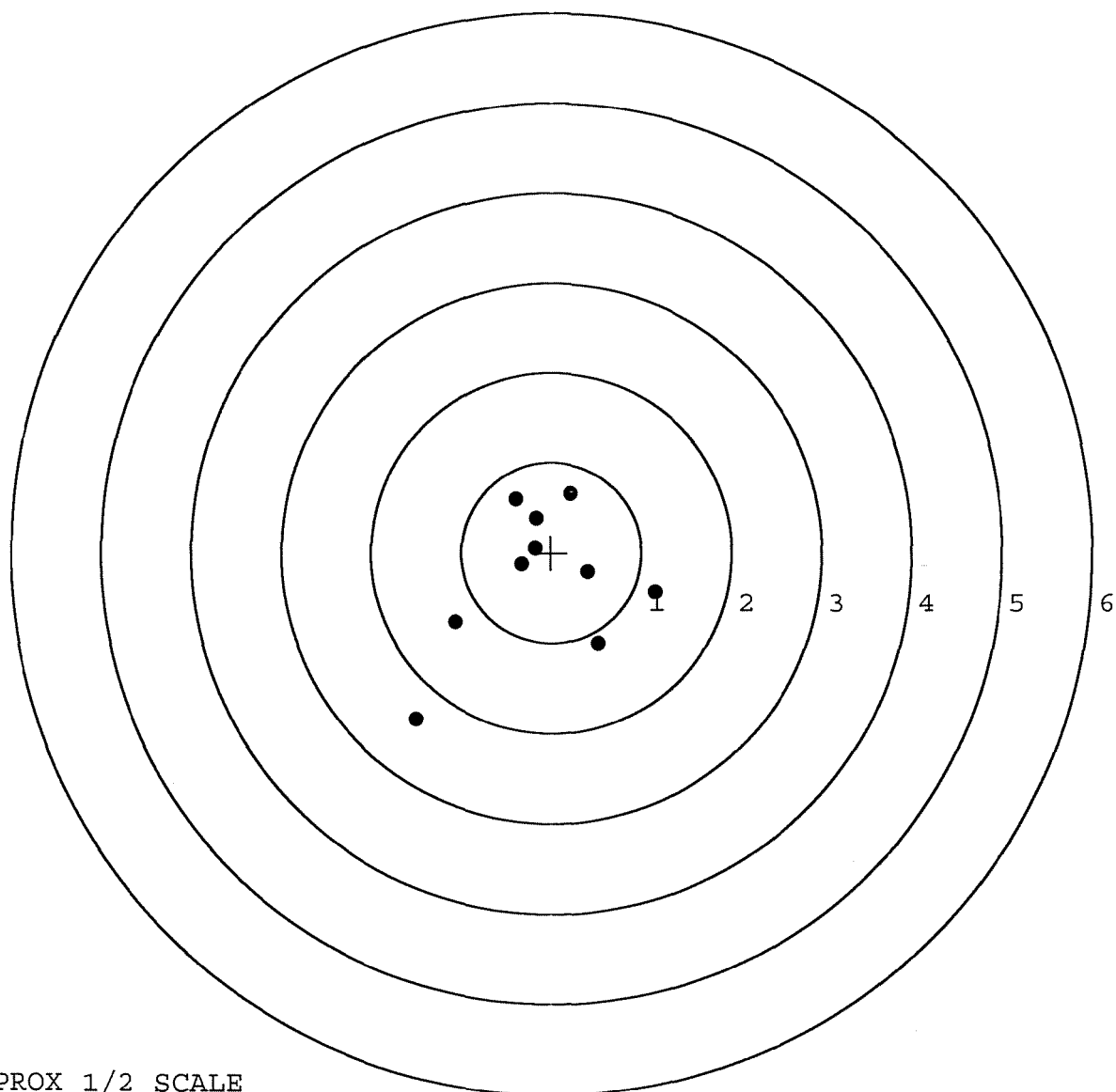


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349052. 0
TARGET NUMBER: 3
FILE DATE: 04/25/2005
FILE TIME: 08:27

X CENTROID: -0.134
Y CENTROID: -0.273
POA TO CENTROID: 0.304
HORZ SPREAD: 2.653
VERT SPREAD: 2.509
GROUP SPREAD: 3.041
MIN RADIUS: 0.243
MAX RADIUS: 2.087
MEAN RADIUS: 0.910
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.525	-1.008
2:	1.151	-0.439
3:	0.413	-0.213
4:	-0.329	-0.128
5:	-0.178	0.048
6:	-0.168	0.379
7:	-0.395	0.592
8:	0.217	0.659
9:	-1.072	-0.774
10:	-1.502	-1.850



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	9 2940				
SERIAL NUMBER	C634 9052				
LOG-IN DATE	2-10-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN				
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS				
625 A	FINAL ASSEMBLY				
B	TRIGGER PULL TEST				
C	SAFETY "ON" FORCE			4-26-05	AC
D	SAFETY "OFF" FORCE			4-26-05	AC
E	FIRING PIN INDENT	4-26-05	AC		
640	TARGET TEST + POA	4-25-05	AC		
655	FINAL INSPECT	4-26-05	AC		
660	PACK	4-27-05	DA		
		SHIP DATE			
QAR INSPECTION DATE					

Remington®



REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.

C6349052

ORDER NO.

5716

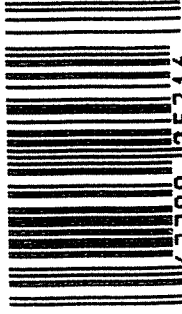
01

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



5716 C6349052

UPC



0 47700 25716 7

RC - 10
replaced

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6349052

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 12	90	RW
600	Proof	1 12	90	RW
607	Check Headspace	1 12	90	RW
610	Dis-assemble Gun	1 12	90	RW
612	Magnaflux Barrel Action	1-16-90		KCR
	Magnaflux Bolt	1-17-90		KCR
615	Rollmark Caliber		1-17-90	CS
617	Drill and Tap Sight Holes		1-19-90	LB
618	Polish Barrel RB		1-22-90	WB
620	Apply Coatings (Barrel Action)		1-28-90	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/24/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/24/90	RW
	C) Inspect Ejector Hole for Chamfer		1/24/90	RW
	D) Oil Firing Pin Ass'y		1/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3/1/90	RS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-31-90	JS
	G) Safety Off Force	2	2	2			1-31-90	JS
	H) Trigger Pull Test & Retainability						3/1/90	JS
	I) Firing Pin Indent	.0215	.022	.022			1-31-90	JS
	J) Assemble Stock						2/28/90	RW
	K) Assemble Swivel Studs						3/14/90	WB
	L) Attach Front and Rear Sight Assemblies						2/28/90	RW
	M) Iron Sight Alignment						2/28/90	RW
	N) Detach Front & Rear Sights & place in numbered container						2/28/90	RW
	O) Attach Scope to Rifle						2/28/90	WB
	P) Detach & Attach Scope 20 Times						2/28/90	WB
640	Gallery Target & Test	reshot 3-2-90 JS					3-1-90	JS
	A) Time						3-1-90	JS
	B) Malfunctions						3-1-90	JS
	C) Pierced Primers						3-1-90	JS
	D) Optical Clarity of Scope						3-1-90	JS
645	Inspect for Live Ammo						3-1-90	JS
655	Final Inspection						3/12/90	WB
	A) Headspace							
	B) Trigger Pull	2.64	2.42	2.45	2.39	2.32	3/12/90	CS
	C) Function						3/12/90	WB
660	Pack						20 MAR 90	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6 349052

DATE 31 Jan 98

TESTER 1028

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.57	2.83	2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.35	2.45	2.63	2.42	
PULL #3	2.38	2.50	2.74	2.45	
PULL #4	2.46	2.26	2.62	2.39	
PULL #5	2.47	2.27	2.51	2.32	
TOTAL	11.97	12.05	13.33		
AVG.	2.394	2.41	2.666		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.41		
PULL #2	3.26	3.32		
PULL #3	3.33	3.26		
PULL #4	3.23	3.40		
PULL #5	3.28	3.40		
TOTAL	16.35	16.79		
AVG.	3.27	3.358		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.55		4.57
PULL #2	4.28	4.34		4.38
PULL #3	4.23	4.31		4.37
PULL #4	4.19	4.21		4.27
PULL #5	4.26	4.19		4.38
TOTAL	21.25	21.60		21.92
AVG.	4.25	4.32		4.384

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349852
5 Mar 1990

CENTROIDAL DISTANCES

0 TO	1	.5409
1 TO	2	.269696
1 TO	3	.303982
1 TO	4	.153584
1 TO	5	.684679

$\frac{1}{5} \sum_{i=1}^5$ <----FOR

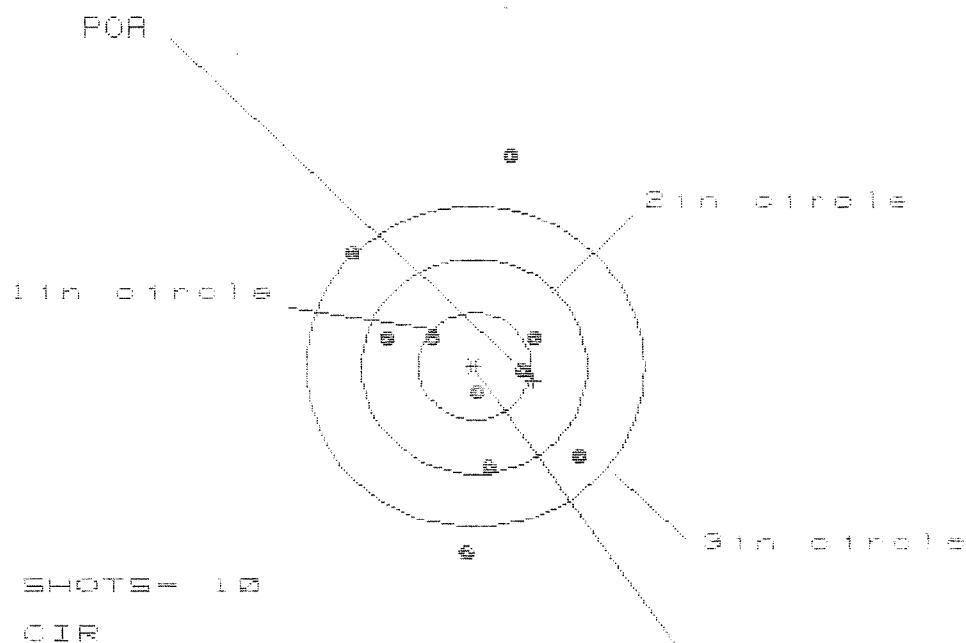
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3734
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0816
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .382212
THE AMR FOR THIS RIFLE IS: .934

5 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349052/1.1.1

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 7

HS= 2.004

VS= 3.775

GS= 3.795

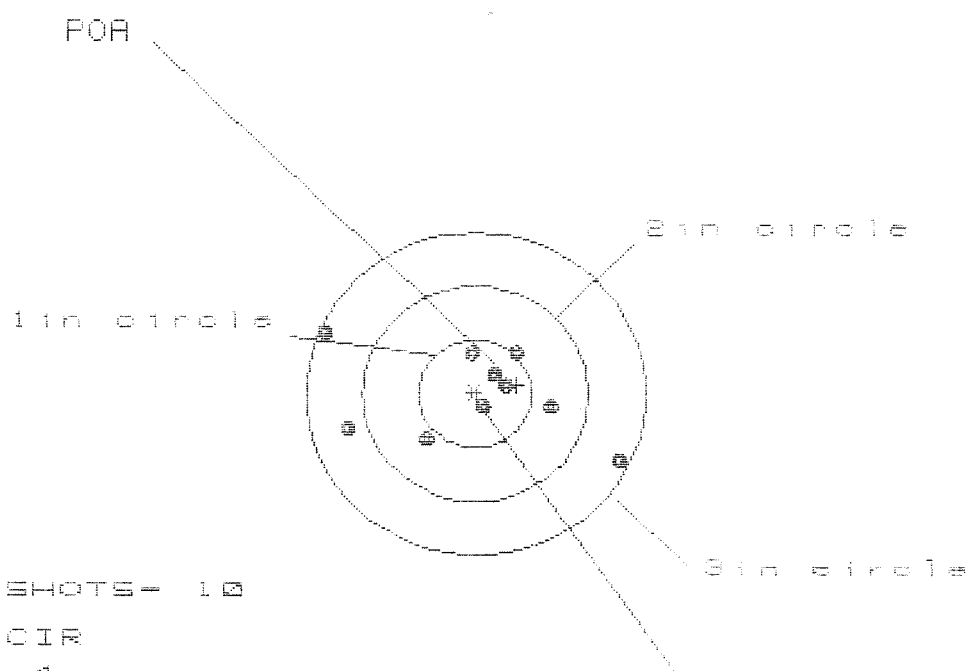
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.886	.918	.909
MINIMUM X	-1.118	-1.086	-1.095
MAXIMUM Y	2.002	1.276	1.082
MINIMUM Y	-1.772	-1.550	-.914
CENTROID X	-.523	-.555	-.546
CENTROID Y	.138	-.085	.109
POA TO CENTROID in.	.541	.562	.557
MIN RADIUS	.231	.046	.205
MEAN RADIUS	1.001	.869	.776
MAX RADIUS	2.023	1.676	1.540
HORIZONTAL SPREAD	2.004	2.004	2.004
VERTICAL SPREAD	3.775	2.826	1.996
EXTREME SPREAD	3.795	3.002	2.774
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		7	

5 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349052.1.1.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 2.584

VS= 1.113

GS= 2.814

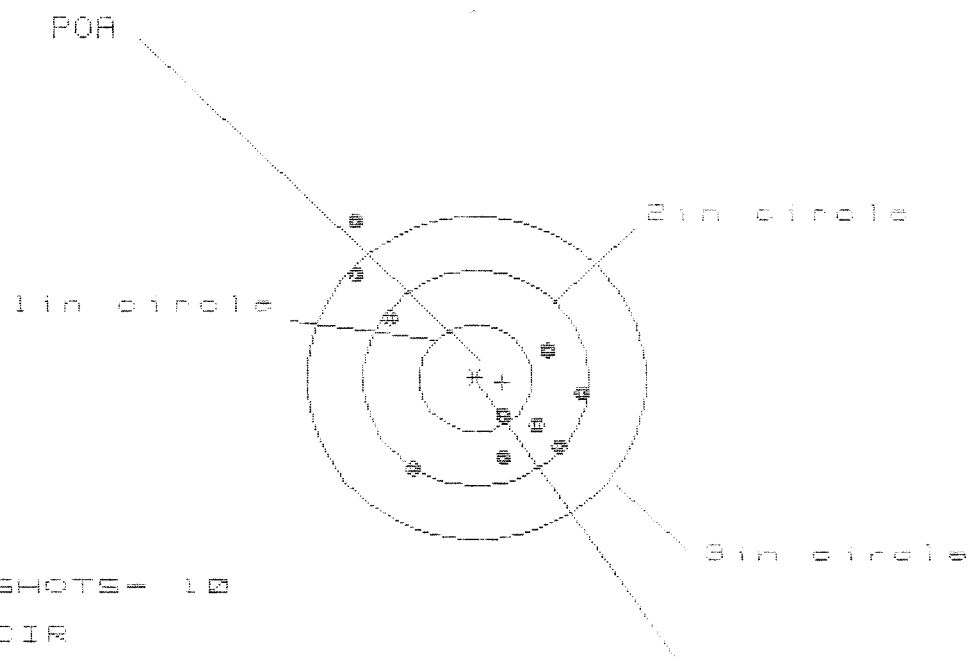
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.299	.815	.672
MINIMUM X	:	-1.285	-1.141	-1.105
MAXIMUM Y	:	.537	.472	.356
MINIMUM Y	:	-.577	-.486	-.426
CENTROID X	:	-.367	-.511	-.368
CENTROID Y	:	-.082	-.017	-.076
POA TO CENTROID in.	:	.376	.511	.376
MIN RADIUS	:	.107	.262	.111
MEAN RADIUS	:	.674	.618	.491
MAX RADIUS	:	1.421	1.235	1.140
HORIZONTAL SPREAD	:	2.584	1.956	1.777
VERTICAL SPREAD	:	1.113	.958	.782
EXTREME SPREAD	:	2.814	2.070	1.782
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

5 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349052.1.1.1

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 2.053

VS= 2.274

GS= 2.779

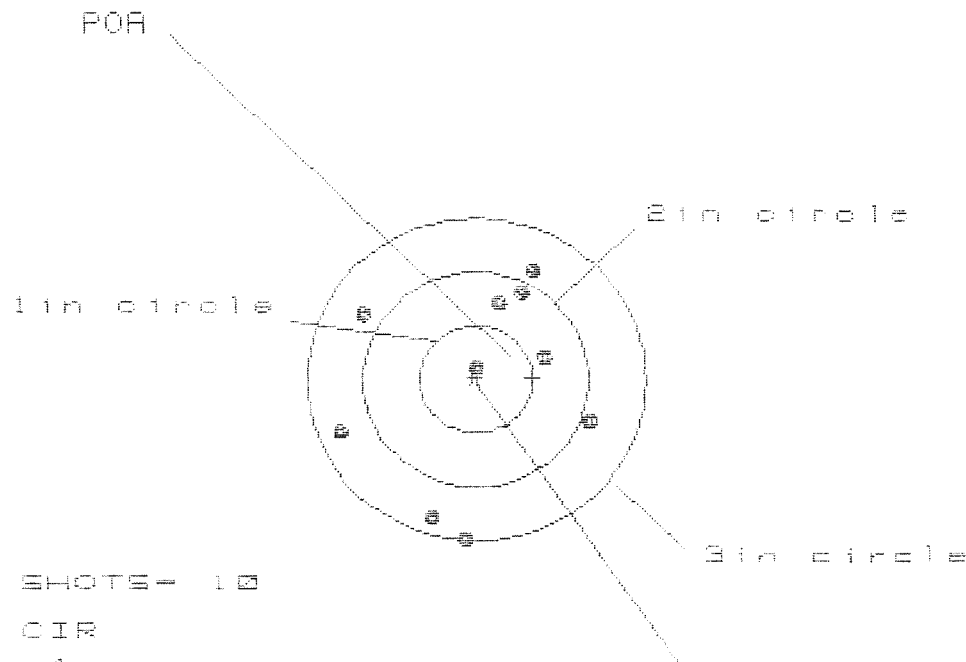
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.977	.857	.708
MINIMUM X	:	-1.077	-1.190	-1.077
MAXIMUM Y	:	1.445	1.146	.824
MINIMUM Y	:	-.829	-.668	-.525
CENTROID X	:	-.237	-.117	.032
CENTROID Y	:	.035	-.126	-.269
POA TO CENTROID in.	:	.239	.172	.271
MIN RADIUS	:	.426	.227	.025
MEAN RADIUS	:	.990	.834	.647
MAX RADIUS	:	1.802	1.652	1.356
HORIZONTAL SPREAD	:	2.053	2.047	1.785
VERTICAL SPREAD	:	2.274	1.814	1.349
EXTREME SPREAD	:	2.779	2.448	1.950
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

5 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08S49052.1.1.1

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 10

HS= 2.182

VS= 2.455

GS= 2.516

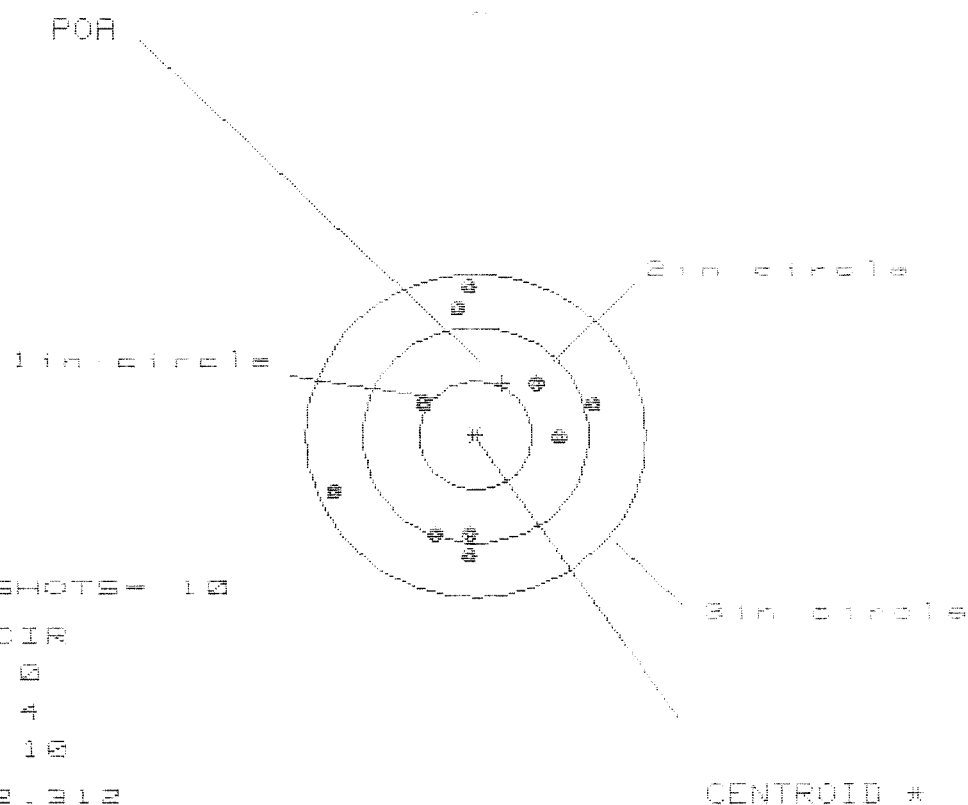
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.996	.990	.945
MINIMUM X	-1.186	-1.192	-1.237
MAXIMUM Y	.970	.804	.629
MINIMUM Y	-1.486	-1.406	-1.826
CENTROID X	-.501	-.495	-.450
CENTROID Y	-.014	.152	.327
POA TO CENTROID in.	.501	.518	.556
MIN RADIUS	.156	.019	.195
MEAN RADIUS	.987	.886	.797
MAX RADIUS	1.487	1.451	1.488
HORIZONTAL SPREAD	2.182	2.192	2.182
VERTICAL SPREAD	2.455	2.210	1.455
EXTREME SPREAD	2.516	2.368	2.245
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	10		

5 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349052.1.1.1

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 2.312

VS= 2.516

GS= 2.516

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.053	1.049	.892
MINIMUM X	:	-1.259	-1.263	-.651
MAXIMUM Y	:	1.376	1.290	1.241
MINIMUM Y	:	-1.140	-.988	-1.037
CENTROID X	:	-.239	-.235	-.078
CENTROID Y	:	-.485	-.637	-.586
POA TO CENTROID in.	:	.541	.680	.593
MIN RADIUS	:	.586	.685	.615
MEAN RADIUS	:	1.018	.969	.908
MAX RADIUS	:	1.376	1.322	1.284
HORIZONTAL SPREAD	:	2.312	2.312	1.543
VERTICAL SPREAD	:	2.516	2.278	2.278
EXTREME SPREAD	:	2.516	2.474	2.282
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349052
2 Mar 1990

CENTROIDAL DISTANCES

0 TO 1	.424264
1 TO 2	.894571
1 TO 3	.17086
1 TO 4	.784465
1 TO 5	.778898

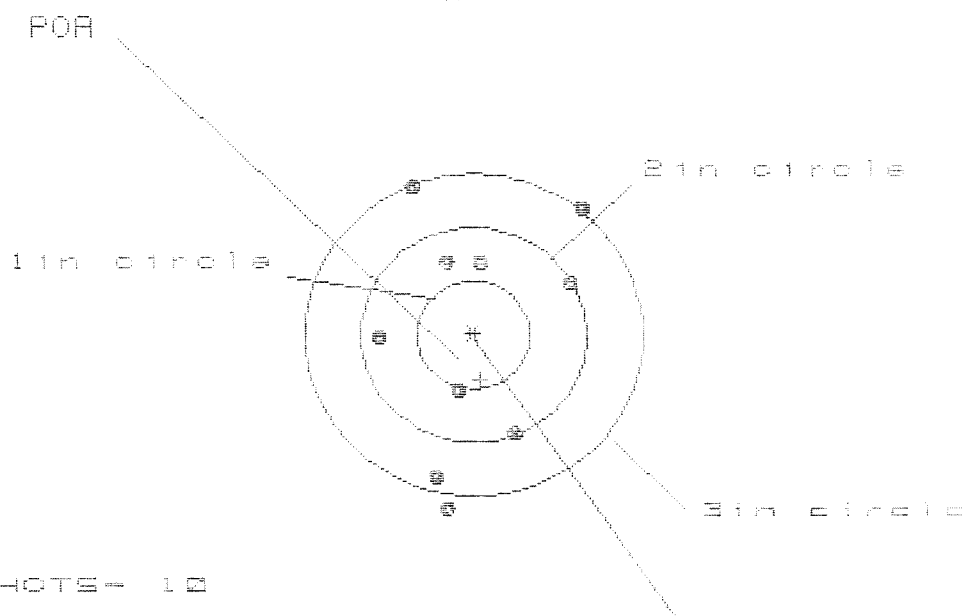
+ 3
+ 5 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0372
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1752
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .179106
THE AMR FOR THIS RIFLE IS: 1.19

1 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349052

CENTERFIRE PATTERNS # 1



OF SHOTS- 12

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 1.832

VS= 3.039

GS= 3.053

CENTROID #

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.947	.921	.852
MINIMUM X	:	-.885	-.911	-.980
MAXIMUM Y	:	1.400	1.218	1.120
MINIMUM Y	:	-1.639	-1.475	-1.322
CENTROID X	:	-.060	-.034	.035
CENTROID Y	:	.420	.602	.449
POR TO CENTROID in.	:	.424	.603	.451
MIN RADIUS	:	.558	.519	.610
MEAN RADIUS	:	1.080	.995	.955
MAX RADIUS	:	1.656	1.508	1.407
HORIZONTAL SPREAD	:	1.832	1.832	1.832
VERTICAL SPREAD	:	3.039	2.693	2.442
EXTREME SPREAD	:	3.053	2.737	2.737
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

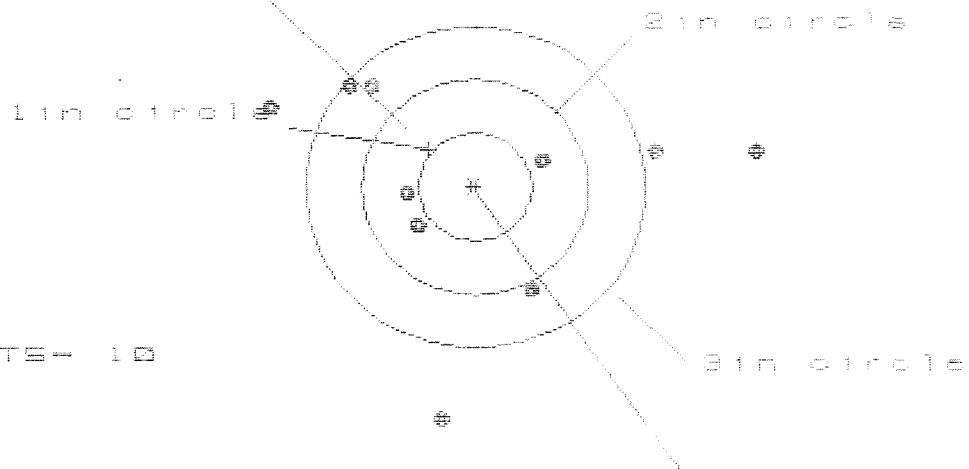
1 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349052

CENTERFIRE PATTERNS

2

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 6

HS= 4.237

VS= 3.147

GS= 4.259

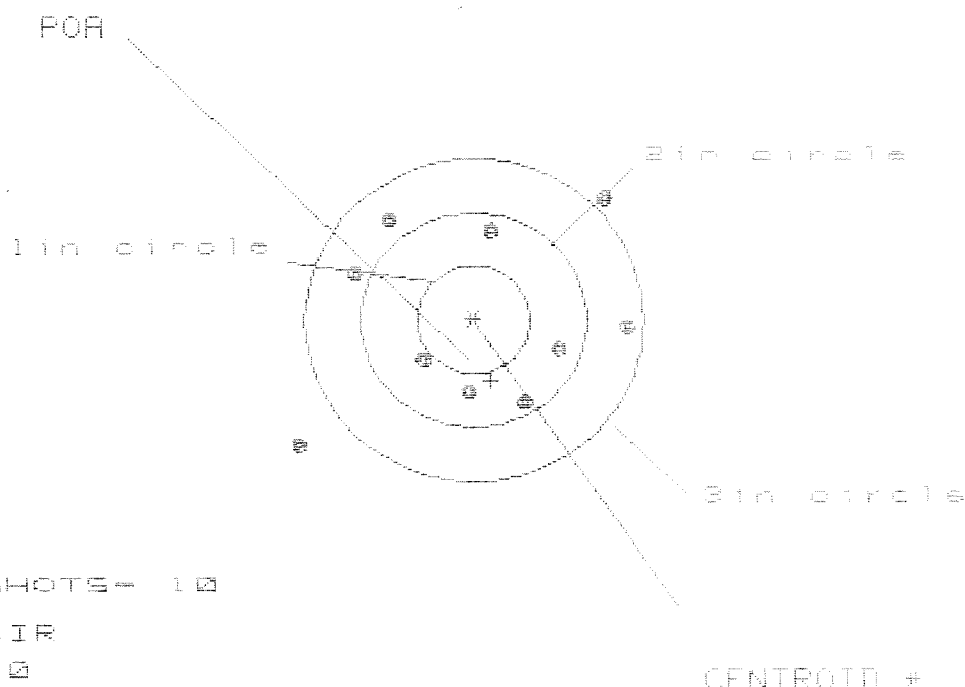
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.464	1.875	1.872
MINIMUM X	:	-1.773	-1.499	-1.502
MAXIMUM Y	:	.954	.991	.721
MINIMUM Y	:	-2.193	-2.156	-1.145
CENTROID X	:	.407	.133	.136
CENTROID Y	:	-.343	-.380	-.110
POA TO CENTROID in.	:	.532	.403	.175
MIN RADIUS	:	.637	.361	.492
MEAN RADIUS	:	1.399	1.232	1.113
MAX RADIUS	:	2.486	2.156	1.874
HORIZONTAL SPREAD	:	4.237	3.374	3.374
VERTICAL SPREAD	:	3.147	3.147	1.866
EXTREME SPREAD	:	4.259	3.404	3.404
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

1 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08349050

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 8

HS= 2.946

VS= 2.212

GS= 3.486

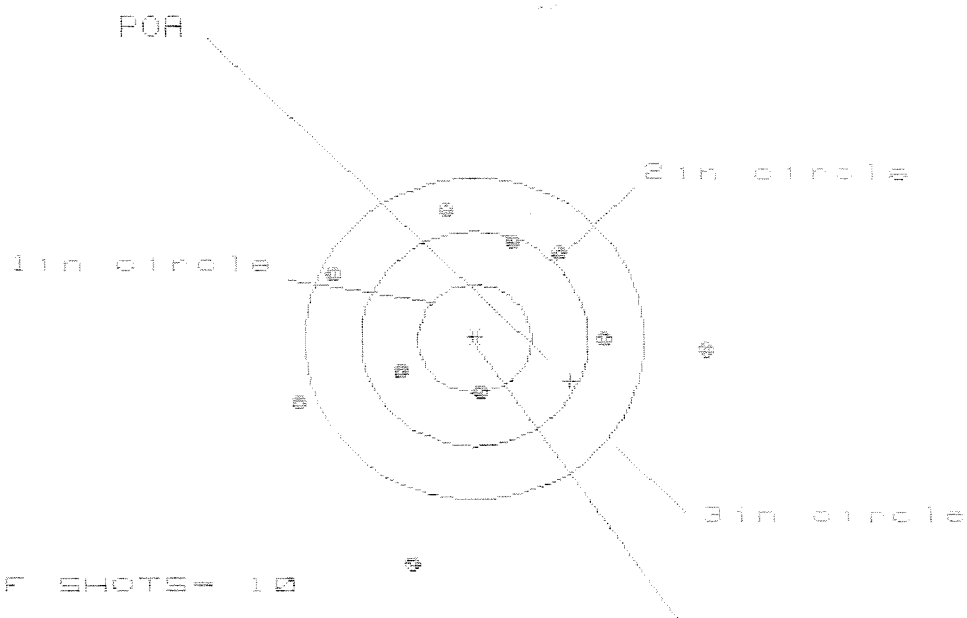
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.359	1.183	1.388
MINIMUM X	:	-1.587	-1.268	-1.151
MAXIMUM Y	:	1.087	.961	.952
MINIMUM Y	:	-1.126	-.924	-.883
CENTROID X	:	-.158	.026	-.090
CENTROID Y	:	.565	.690	.569
POA TO CENTROID in.	:	.584	.690	.677
MIN RADIUS	:	.545	.693	.595
MEAN RADIUS	:	1.107	1.009	.947
MAX RADIUS	:	1.945	1.338	1.384
HORIZONTAL SPREAD	:	2.946	2.451	2.451
VERTICAL SPREAD	:	2.212	1.885	1.755
EXTREME SPREAD	:	3.486	2.518	2.518
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

1 Mar 1990

FILE:/PATTERNING/CENTERFIRE_PATT/06345052

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 7

HS= 3.633

VS= 3.258

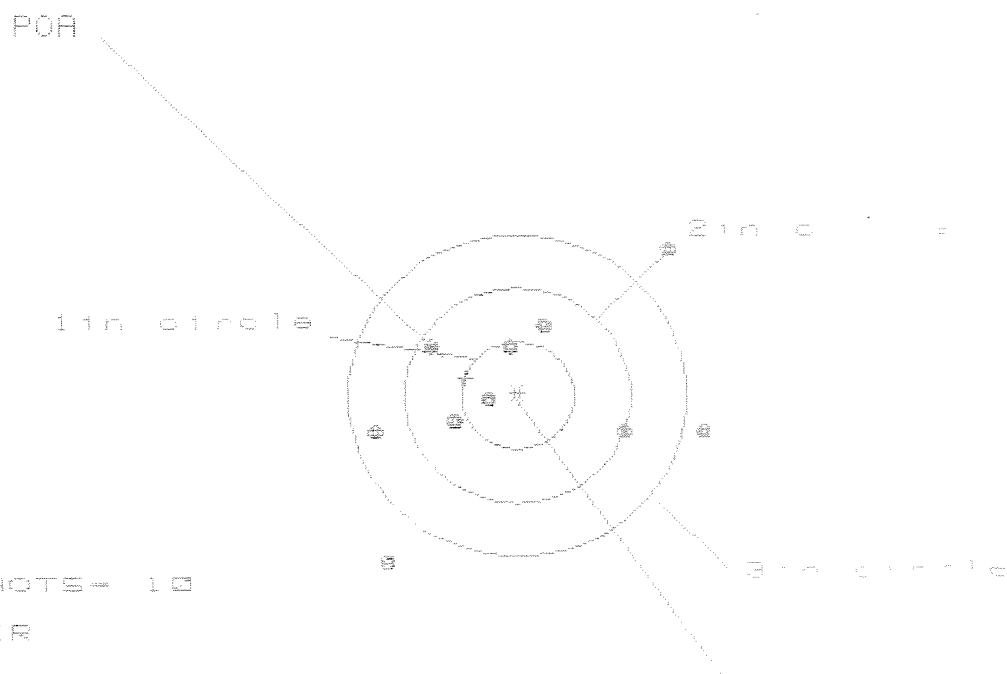
GS= 3.667

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.031	1.969	1.345
MINIMUM X	:	-1.602	-1.664	-1.418
MAXIMUM Y	:	1.203	.975	.931
MINIMUM Y	:	-2.055	-.856	-.960
CENTROID X	:	-.844	-.782	-1.028
CENTROID Y	:	.393	.621	.665
POA TO CENTROID in.	:	.931	.998	1.224
MIN RADIUS	:	.477	.702	.678
MEAN RADIUS	:	1.283	1.167	1.050
MAX RADIUS	:	2.130	2.001	1.680
HORIZONTAL SPREAD	:	3.633	3.633	2.763
VERTICAL SPREAD	:	3.258	1.831	1.831
EXTREME SPREAD	:	3.667	3.667	2.842
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

1 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349052

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.910

VS= 2.659

GS= 3.851

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.641	1.513	1.660
MINIMUM X	:	-1.269	-1.397	-1.250
MAXIMUM Y	:	1.388	1.213	.601
MINIMUM Y	:	-1.571	-1.548	-.397
CENTROID X	:	.461	.589	.442
CENTROID Y	:	-.159	.016	-.136
POA TO CENTROID in.	:	.487	.530	.463
MIN RADIUS	:	.258	.405	.251
MEAN RADIUS	:	1.080	.980	.862
MAX RADIUS	:	1.952	1.690	1.705
HORIZONTAL SPREAD	:	2.910	2.910	2.910
VERTICAL SPREAD	:	2.959	1.761	.997
EXTREME SPREAD	:	3.851	3.119	2.910
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 94-18182INITIAL
FDC CUSTOMER ORDER NO.
DAAA09-92-C-0834W/10X SCOPE, M-24 SNIPER
ATTN: FRED MARTIN

Scope S/N 90-0535

DATE RECEIVED
06/10/94 DATE OPENED
06/10/94 DATE CODESERIAL NUMBER
C6349052

NEW SERIAL NUMBER

MODEL AND GRADE
700 7-62

NATO

ACCESSORIES 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 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

✓ Barrel

✓ Stock

✓ Firing Pin Assy

✓ Trigger Assy

✓ Front & Rear Sight Assy

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400106796

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6349052

DATE 5-17-96

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.57	2.43	2.42		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.60	2.43	2.36		
PULL #3	2.59	2.56	2.36		
PULL #4	2.62	2.52	2.33		
PULL #5	2.65	2.56	2.31		
TOTAL	1303	1250	11.78		
AVG.	2.60	2.50	2.35		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.18		
PULL #2	3.00	3.12		
PULL #3	3.22	3.11		
PULL #4	3.27	3.13		
PULL #5	3.26	3.02		
TOTAL	1595	1556		
AVG.	3.19	3.11		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.24		4.13
PULL #2	4.27	4.24		4.10
PULL #3	4.20	4.21		4.02
PULL #4	4.21	4.20		4.08
PULL #5	4.18	4.08		4.06
TOTAL	2112	2097		2039
AVG.	4.22	4.19		4.07

FOR RIFLE # C6349052

19 Mar 1960

CENTROIDAL DISTANCES

```
0 TO 1 .519466
1 TO 2 .579159
1 TO 3 .50966
1 TO 4 .0617738
1 TO 5 .238673
```

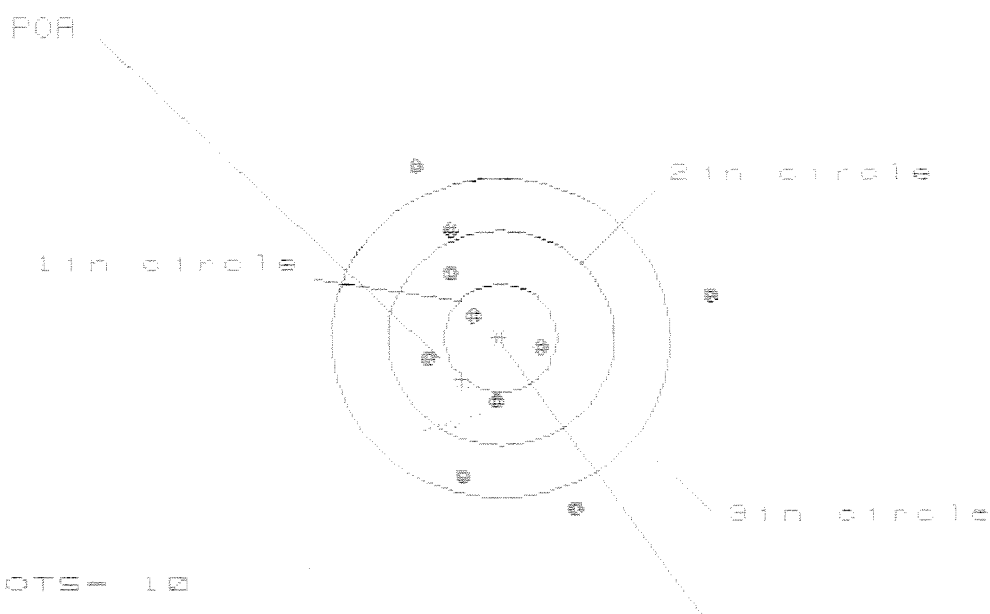
DATE _____ TIME _____ POA

```
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2206
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .251
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .334164
THE AMR FOR THIS RIFLE IS: 1.037
```

18 Mar 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C8349052

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.532

VS= 3.268

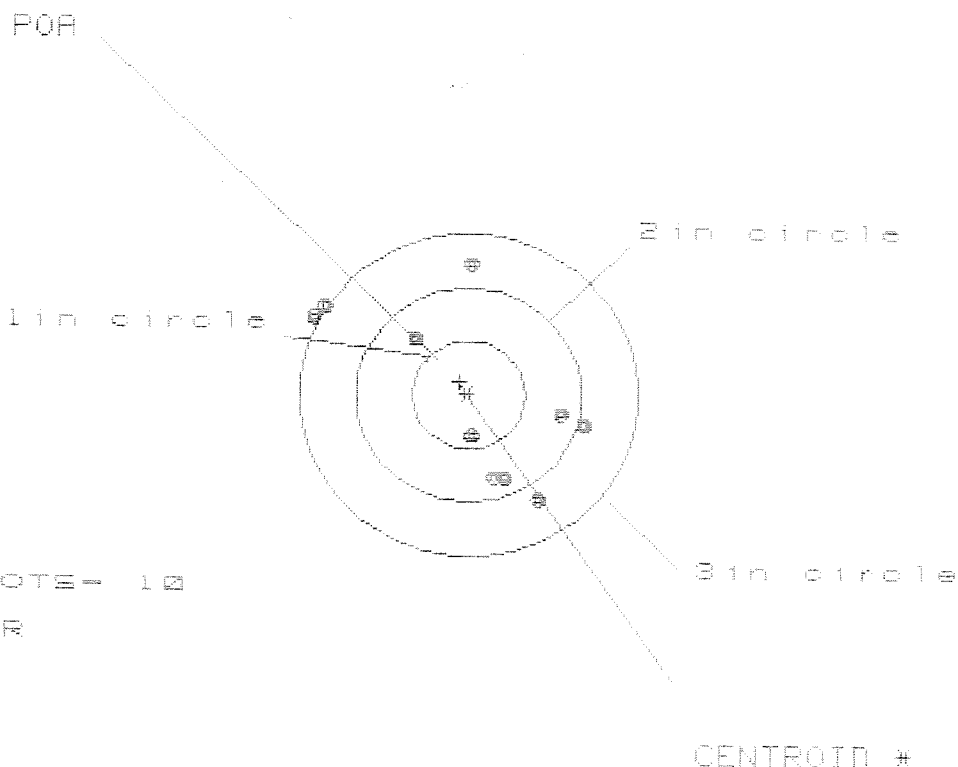
GS= 3.546

PATTERN #		1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.809	.854	.789
MINIMUM X	:	-.723	-.522	-.496
MAXIMUM Y	:	1.653	1.696	1.226
MINIMUM Y	:	-1.615	-1.572	-1.360
CENTROID X	:	.342	.141	.206
CENTROID Y	:	.391	.348	.136
POA TO CENTROID in.	:	.520	.375	.247
MIN RADIUS	:	.320	.229	.387
MEAN RADIUS	:	1.049	.934	.834
MAX RADIUS	:	1.851	1.789	1.572
HORIZONTAL SPREAD	:	2.532	1.376	1.385
VERTICAL SPREAD	:	3.268	3.268	2.586
EXTREME SPREAD	:	3.546	3.546	2.796
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

18 Mar 1988

FILE://PATTERNING/CENTERFIRE_PATT/C6349052

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.427

VS= 2.217

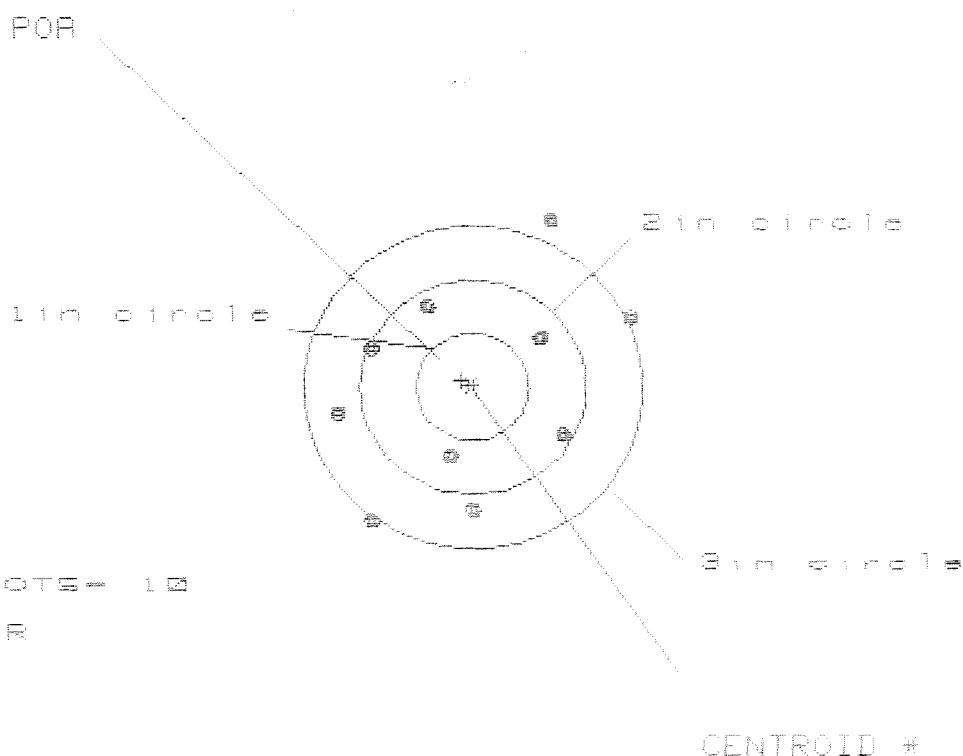
GS= 2.637

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.045	.892	.716
MINIMUM X	:	-1.382	-1.406	-.828
MAXIMUM Y	:	1.252	1.334	1.447
MINIMUM Y	:	-.965	-.883	-.770
CENTROID X	:	.079	.232	.408
CENTROID Y	:	-.125	-.207	-.320
POA TO CENTROID in.	:	.148	.311	.519
MIN RADIUS	:	.384	.323	.349
MEAN RADIUS	:	1.016	.916	.770
MAX RADIUS	:	1.566	1.573	1.472
HORIZONTAL SPREAD	:	2.427	2.298	1.544
VERTICAL SPREAD	:	2.217	2.217	2.217
EXTREME SPREAD	:	2.637	2.599	2.289
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08949082

CENTERFIRE PATTERNS # 3

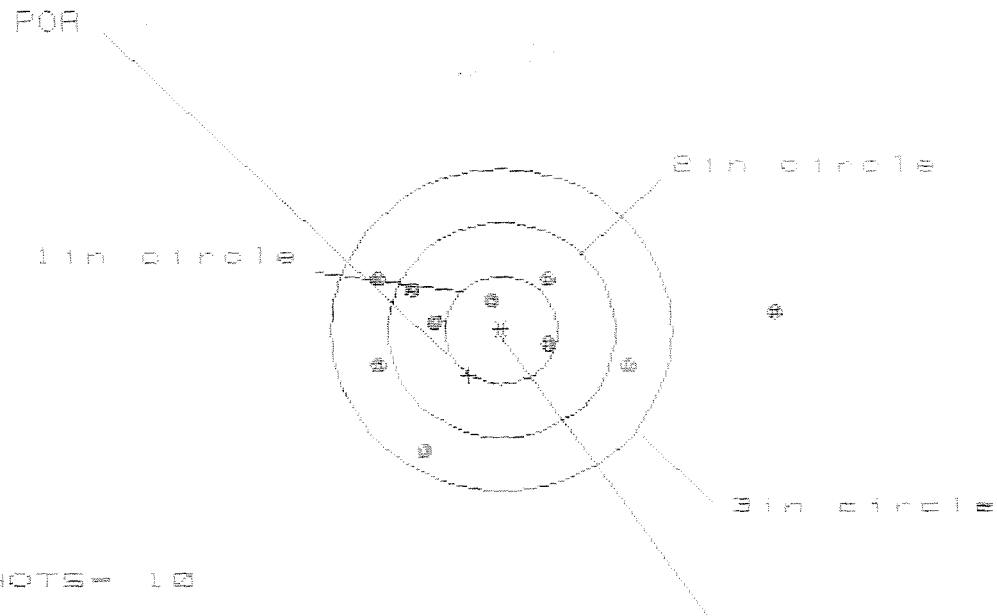


PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.398	1.482	1.385
MINIMUM X	:	-1.177	-1.093	-1.190
MAXIMUM Y	:	1.579	.941	.802
MINIMUM Y	:	-1.283	-1.107	-1.125
CENTROID X	:	.099	.015	.112
CENTROID Y	:	-.057	-.233	-.094
POA TO CENTROID in.	:	.114	.233	.146
MIN RADIUS	:	.682	.492	.650
MEAN RADIUS	:	1.145	1.056	1.019
MAX RADIUS	:	1.748	1.693	1.543
HORIZONTAL SPREAD	:	2.575	2.575	2.575
VERTICAL SPREAD	:	2.862	2.048	1.927
EXTREME SPREAD	:	3.281	2.964	2.732
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349052

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 3.553

VS= 1.650

GS= 3.581

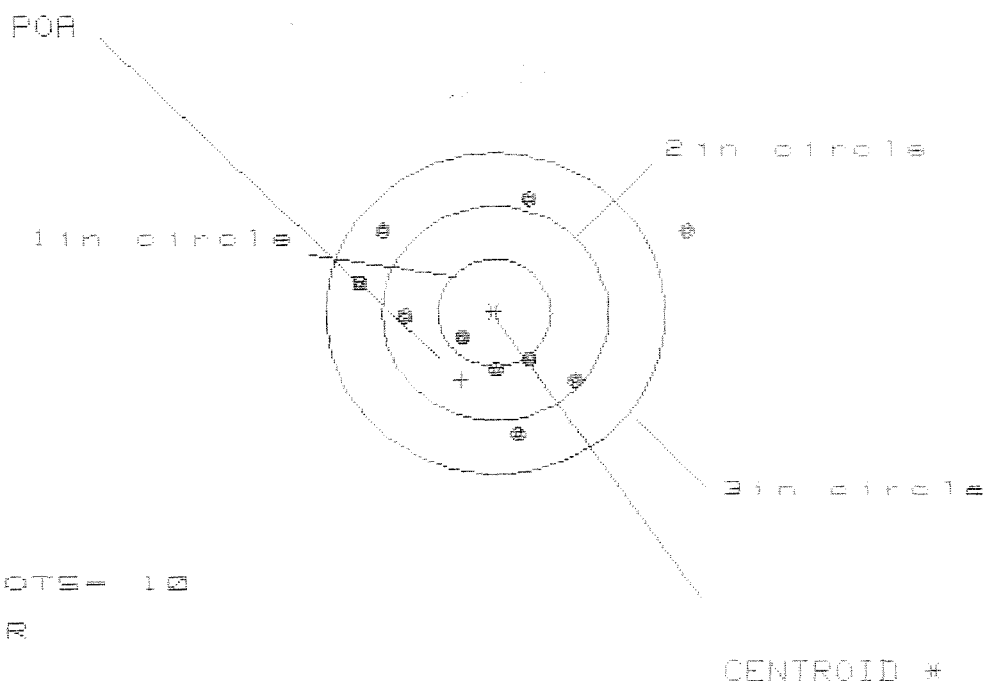
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.435	1.347	1.294
MINIMUM X	:	-1.118	-0.848	-0.901
MAXIMUM Y	:	.516	.534	.394
MINIMUM Y	:	-1.134	-1.116	-0.464
CENTROID X	:	.288	.018	.071
CENTROID Y	:	.421	.403	.543
POR TO CENTROID in.	:	.510	.404	.547
MIN RADIUS	:	.262	.291	.146
MEAN RADIUS	:	1.002	.803	.726
MAX RADIUS	:	2.440	1.386	1.374
HORIZONTAL SPREAD	:	3.553	2.195	2.195
VERTICAL SPREAD	:	1.650	1.650	.858
EXTREME SPREAD	:	3.581	2.285	2.285
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349052

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.925

VS= 2.229

GS= 2.979

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.724	.869	.766
MINIMUM X	-1.211	-1.020	-1.123
MAXIMUM Y	1.109	1.192	1.294
MINIMUM Y	-1.120	-1.037	-.934
CENTROID X	.295	.104	.207
CENTROID Y	.625	.542	.439
POA TO CENTROID in.	.691	.551	.486
MIN RADIUS	.377	.174	.229
MEAN RADIUS	.973	.832	.768
MAX RADIUS	1.879	1.311	1.368
HORIZONTAL SPREAD	2.935	1.889	1.889
VERTICAL SPREAD	2.229	2.229	2.229
EXTREME SPREAD	2.979	2.233	2.233
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6349052

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	4	4	4			5/29/96	K
	G) Safety Off Force	3	3	3			5/29/96	A
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.020	.021	.021			5/29/96	K
	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	2.57	2.59	2.59	2.59	2.55	5/29/96	W.B
	C) Function							
660	Pack							