

C6349052

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

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 FromName: **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

FairCondition
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

naglelj

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

BARBER - M24 0106729

SERIAL NUMBER: C6349052. __0

TARGET NUMBER: 1

FILE DATE: 11/30/2007

FILE TIME: 11:21

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

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

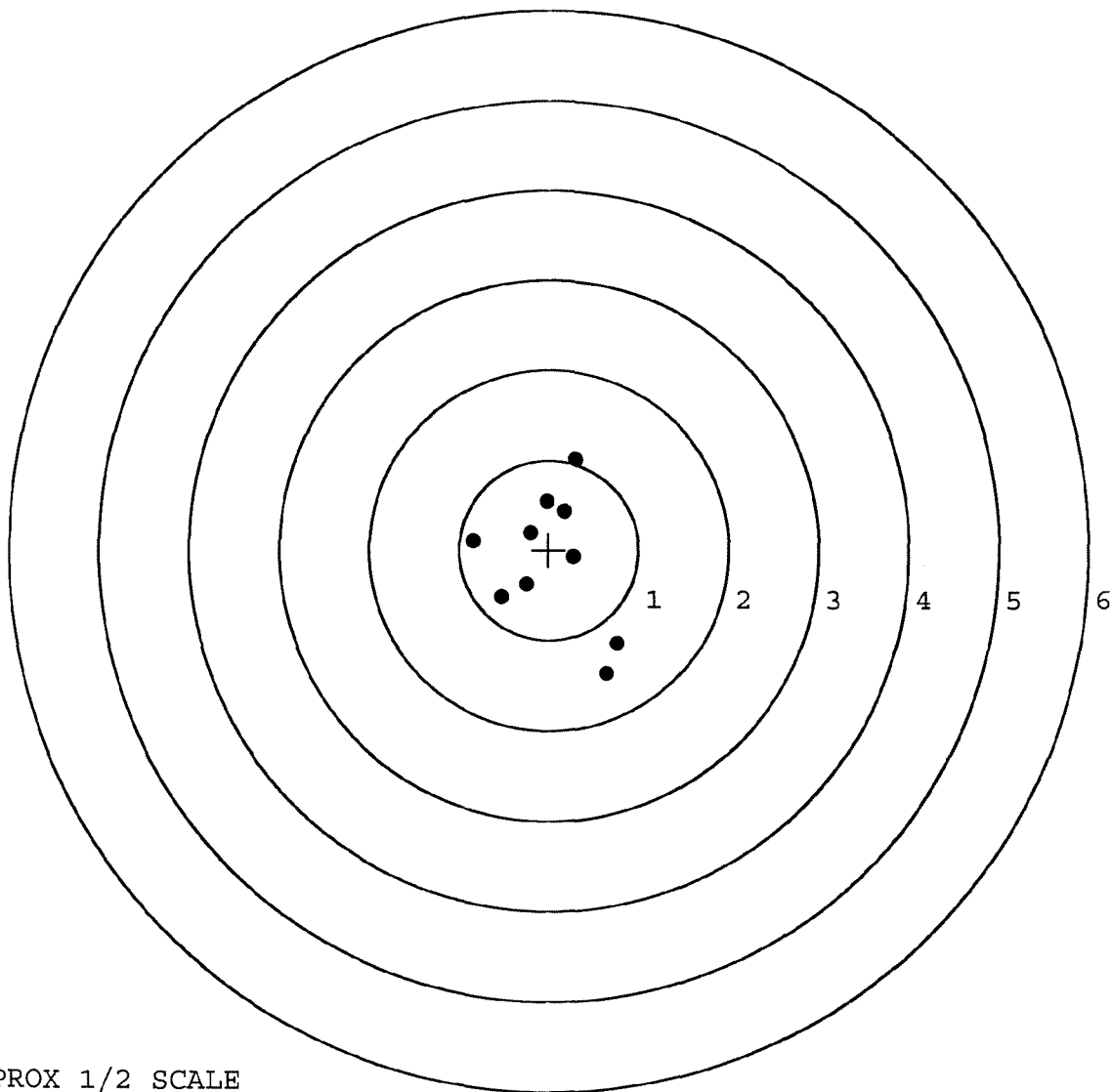
MAX RADIUS: 1.406

MEAN RADIUS: 0.761

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0106730

SERIAL NUMBER: C6349052. __0

TARGET NUMBER: 2

FILE DATE: 11/30/2007

FILE TIME: 11:21

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

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

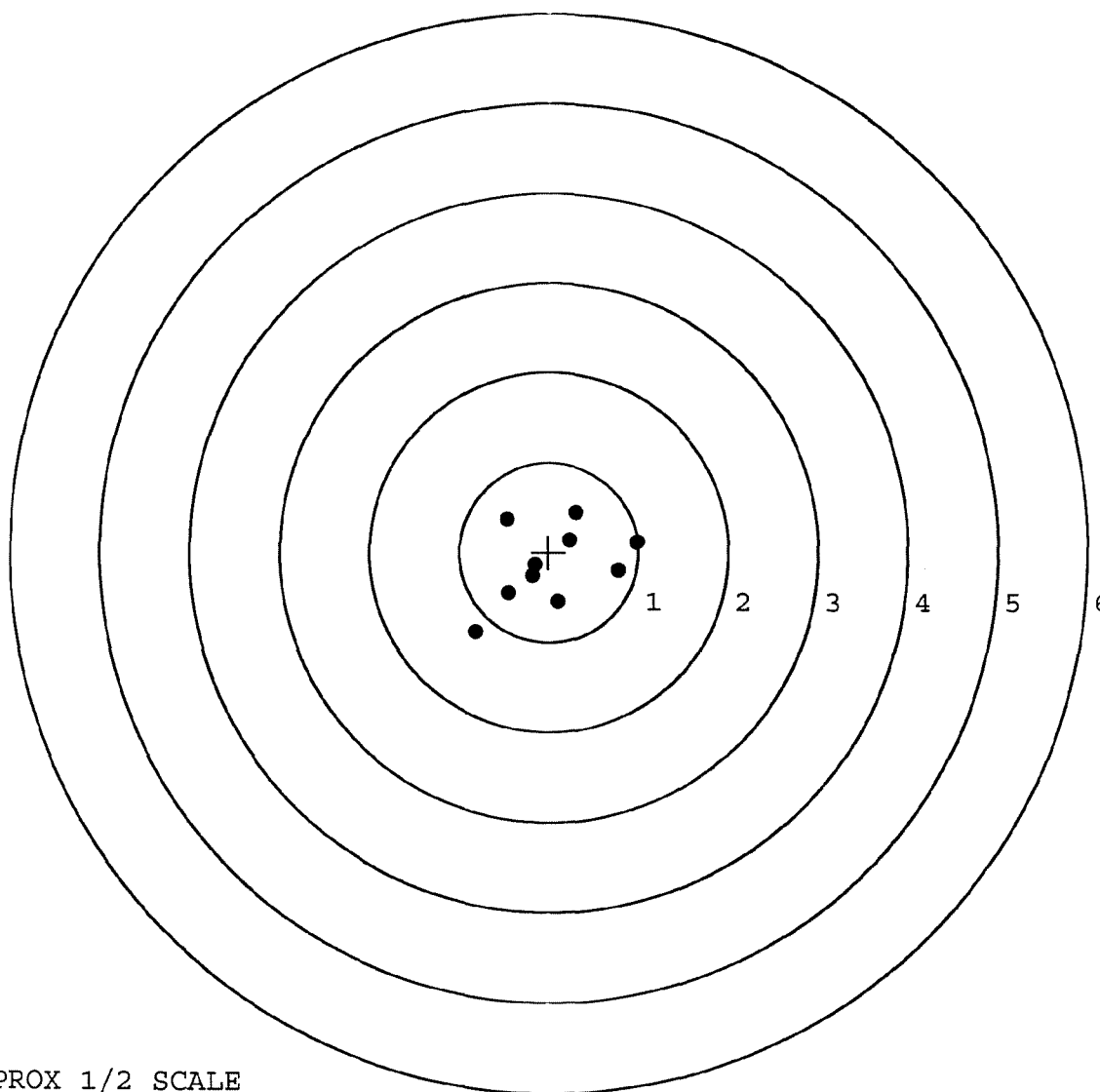
MAX RADIUS: 1.133

MEAN RADIUS: 0.600

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0106731

SERIAL NUMBER: C6349052. __ 0

TARGET NUMBER: 3

FILE DATE: 11/30/2007

FILE TIME: 11:21

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

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

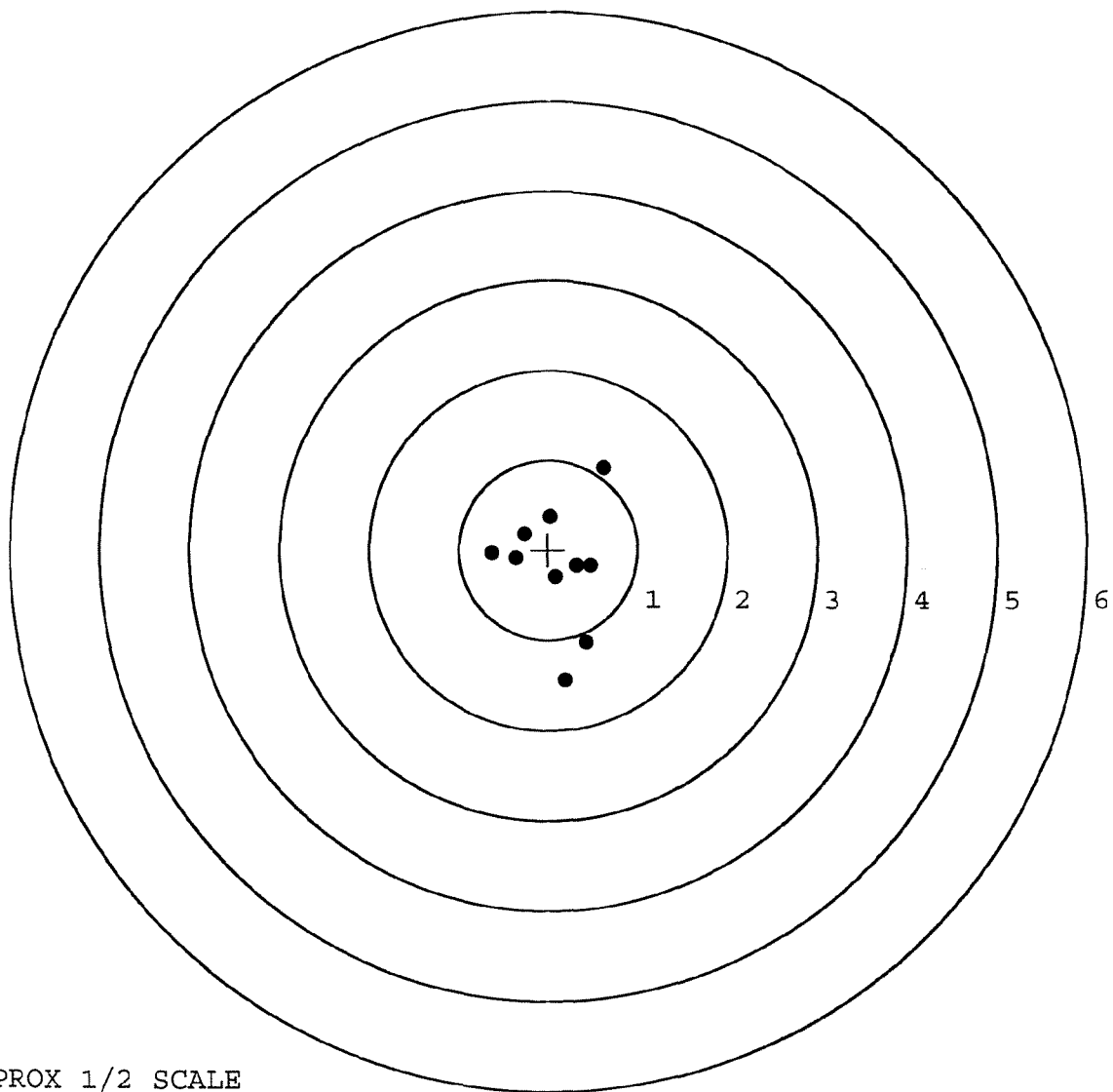
MAX RADIUS: 1.271

MEAN RADIUS: 0.641

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0106732

SERIAL NUMBER: C6349052. __ 0

TARGET NUMBER: 4

FILE DATE: 11/30/2007

FILE TIME: 11:21

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

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

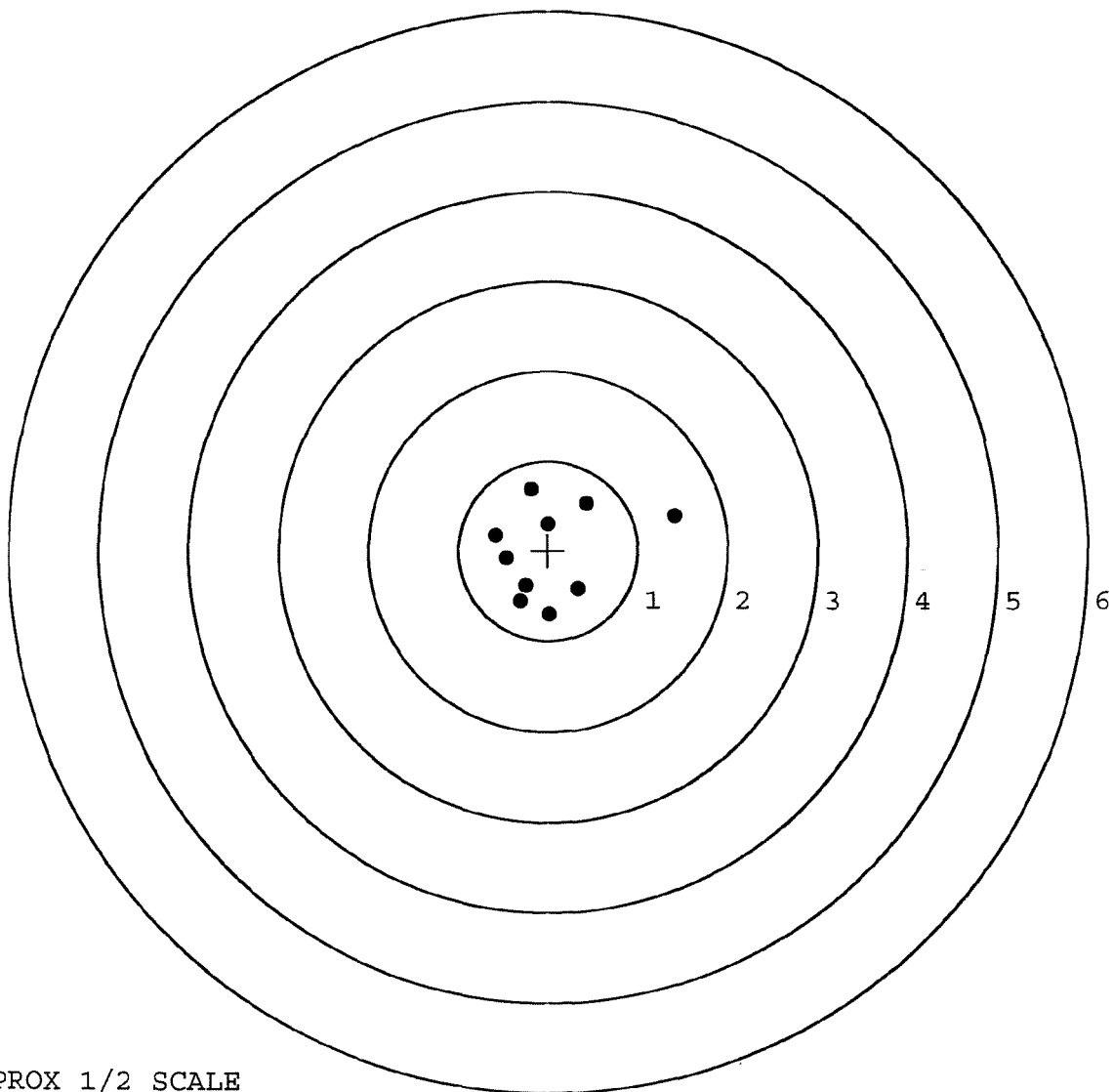
MAX RADIUS: 1.425

MEAN RADIUS: 0.665

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0106733

SERIAL NUMBER: C6349052. __0

TARGET NUMBER: 5

FILE DATE: 11/30/2007

FILE TIME: 11:21

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

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

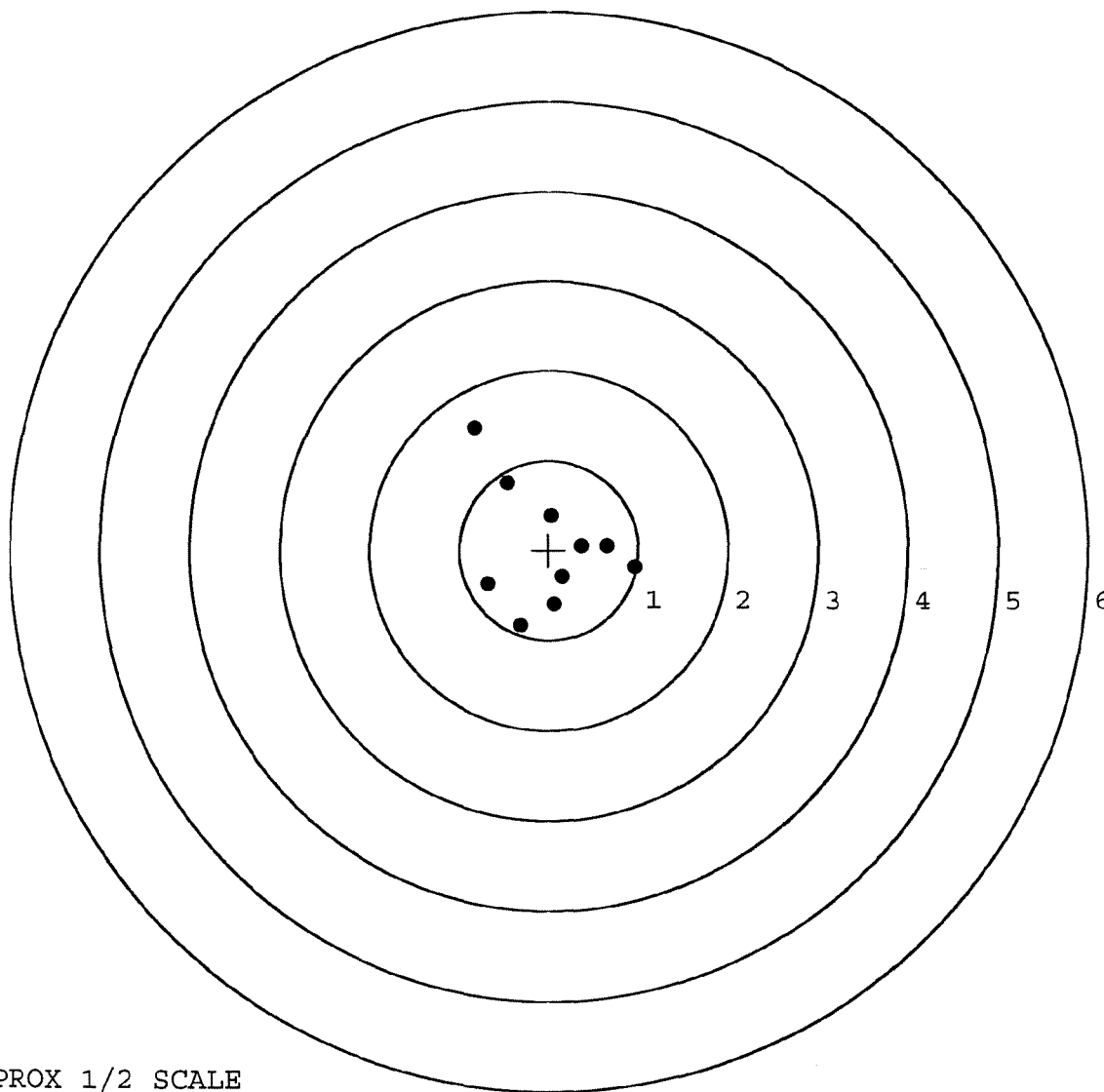
MAX RADIUS: 1.579

MEAN RADIUS: 0.754

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

R & E NUMBER		133036	
SERIAL NUMBER		C6349052	
LOG-IN DATE		8-22-07	
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	11-13-07	CW
618	ROTO-BLAST	11-14-07	ZY
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	N/A
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		11-29-07 TRW
	A) HEADSPACE	PASS FAIL	11-29-07 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.73 2.67 2.70 2.72 2.71 11/29/07 RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	60 55 60 11/29/07 RA
	G) SAFETY OFF FORCE	2 LBS MAX	2.5 2.5 2.0 11/29/07 RA
	I) FIRING PIN INDENT	.020	.024 .024 .024 11/29/07 RA
690	PACK		11/30/07 RA

BARBER - M24 0106735

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CGR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00092940** Serial: C6349052 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/18/1990 Repairman: Status: Closed 2/10/2005 1:14:09 PM

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

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

Address 1:

Address 2: PO Box:

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good: Condition Notes: CSR Notes:

Accessories Received:

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

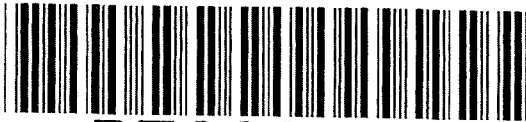
Repair Search **Refresh** **Close**

haslet 2/14/2005 9:17 AM CAPS INUM 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

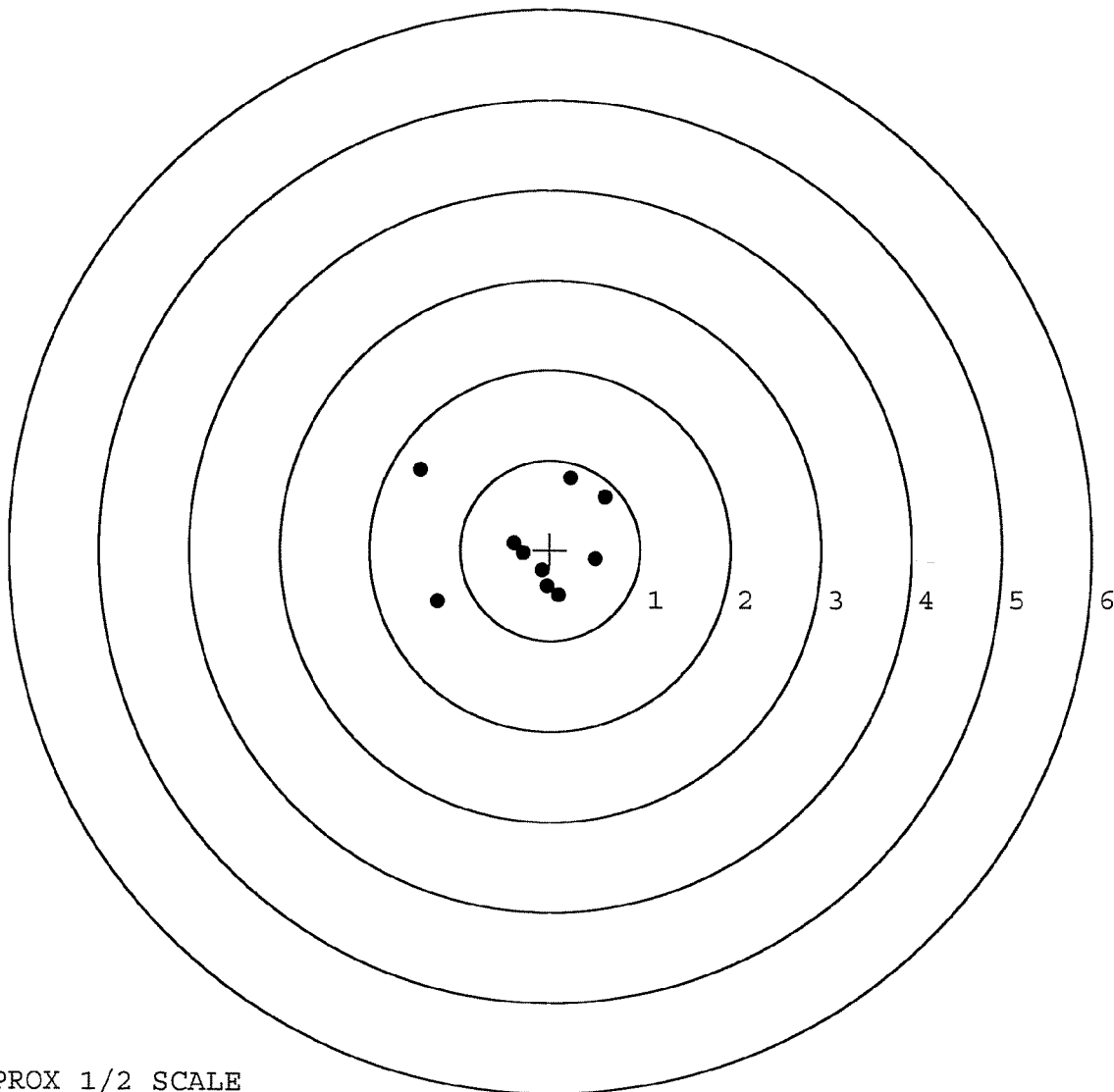
Ave. mean .798

BARBER - M24 0106737

SERIAL NUMBER: C6349052. __0
 TARGET NUMBER: 1
 FILE DATE: 04/25/2005
 FILE TIME: 08:27

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

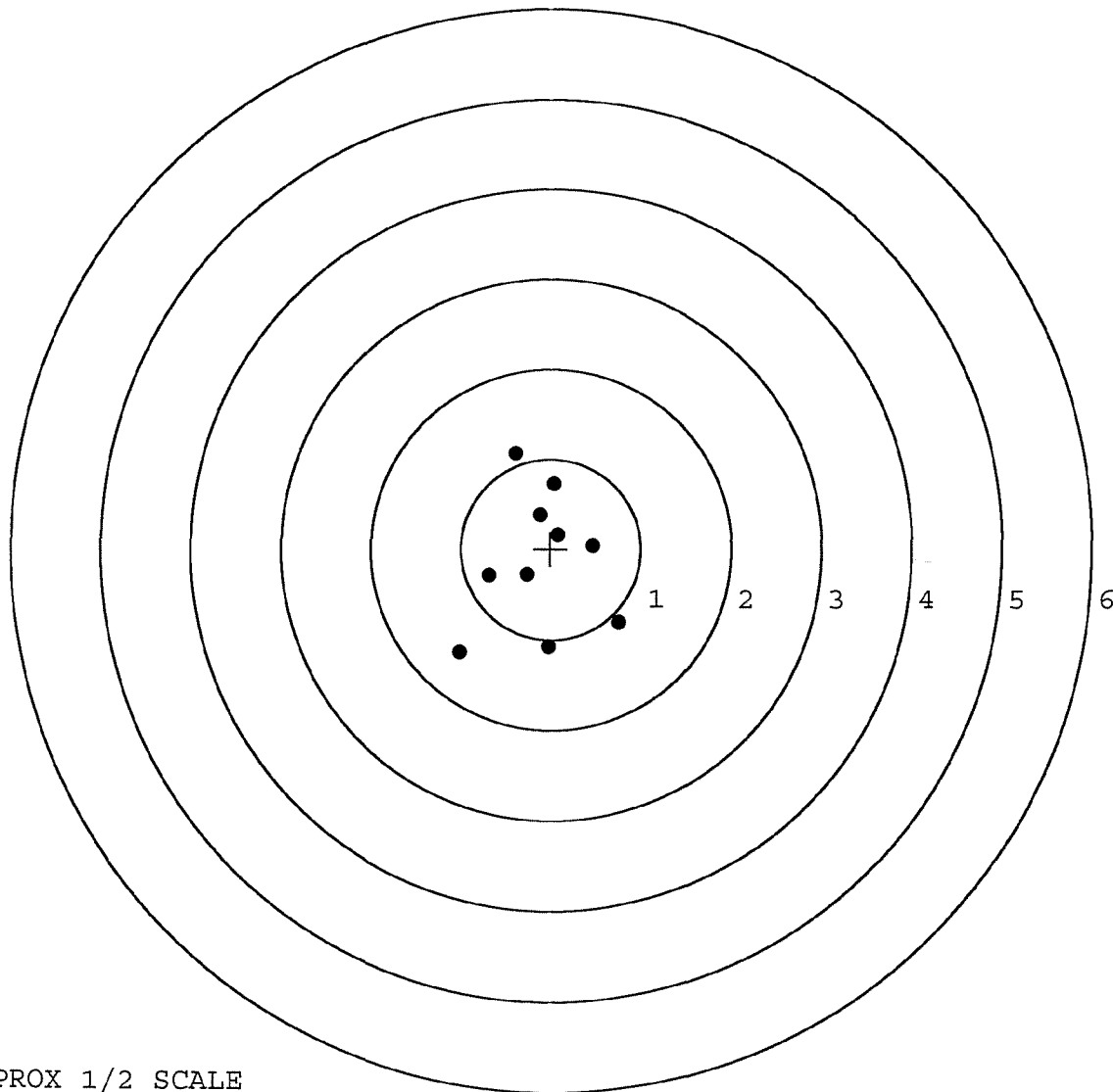
X CENTROID: -0.208
 Y CENTROID: 0.051
 POA TO CENTROID: 0.214
 HORZ SPREAD: 2.046
 VERT SPREAD: 1.469
 GROUP SPREAD: 2.179
 MIN RADIUS: 0.132
 MAX RADIUS: 1.490
 MEAN RADIUS: 0.704
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0106738

SERIAL NUMBER: C6349052. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	0.754	-0.815
FILE DATE: 04/25/2005	2:	0.471	0.038
FILE TIME: 08:27	3:	0.083	0.158
	4:	-0.123	0.374
X CENTROID: -0.117	5:	0.038	0.721
Y CENTROID: -0.127	6:	-0.397	1.065
POA TO CENTROID: 0.173	7:	-0.266	-0.293
HORZ SPREAD: 1.772	8:	-0.028	-1.084
VERT SPREAD: 2.206	9:	-0.688	-0.298
GROUP SPREAD: 2.292	10:	-1.018	-1.141
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			

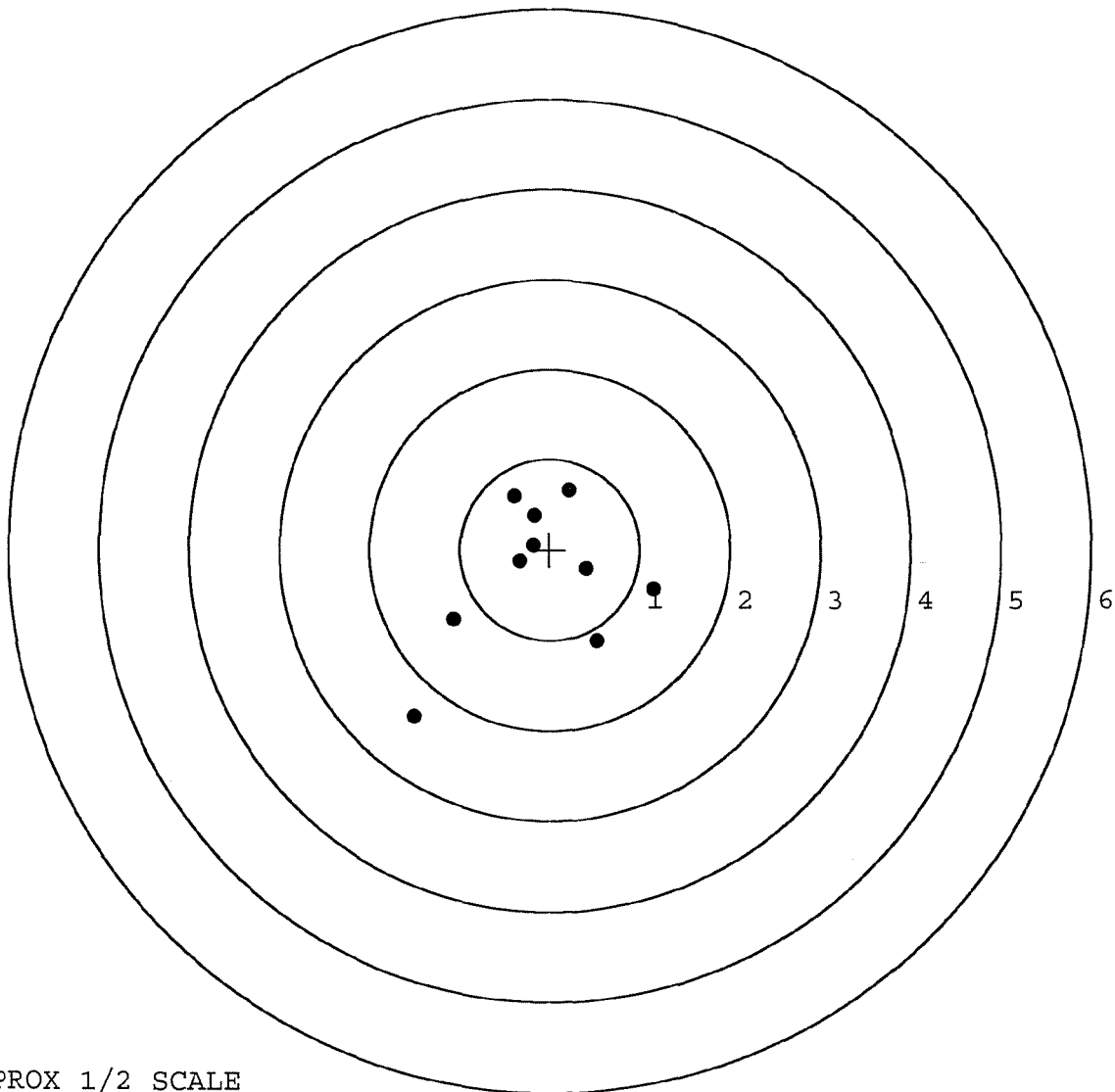


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349052. __0
 TARGET NUMBER: 3
 FILE DATE: 04/25/2005
 FILE TIME: 08:27

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

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



TARGET APPROX 1/2 SCALE

R & E NUMBER		9 2940			
SERIAL NUMBER		C6349052			
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	KE
D	SAFETY "OFF" FORCE			4-26-05	AC
E	FIRING PIN INDENT	4-26-05	KE		
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.

MODEL 700™ H24

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

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

UPPONT

SERIAL NO. C6349052

ORDER NO. 5716

01

0 47700 25716 7

5716 C6349052

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	L
607	Check Headspace	1 12	90	L
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	GS
617	Drill and Tap Sight Holes		1-19-90	LB
618	Polish Barrel RB		1-21-90	WB
620	Apply Coatings (Barrel Action)		1-28-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1-24-90 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		3/16/90	GS

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						3/10/90	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	JS
	C) Function						3/12/90	WB
660	Pack						20 MAR 90	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6349852

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	2.35	
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		4.22
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 # 06349052
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

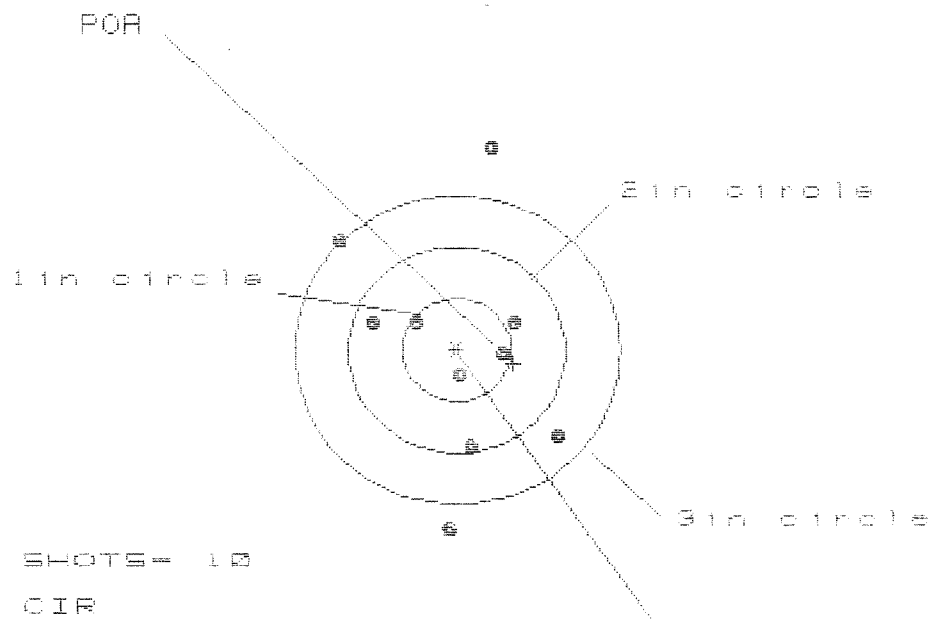
$\frac{1}{5}$ (----POA
5

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 ANR FOR THIS RIFLE IS: .934

5 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08345052.1.1.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 7

HS= 3.004

VS= 3.775

GS= 3.795

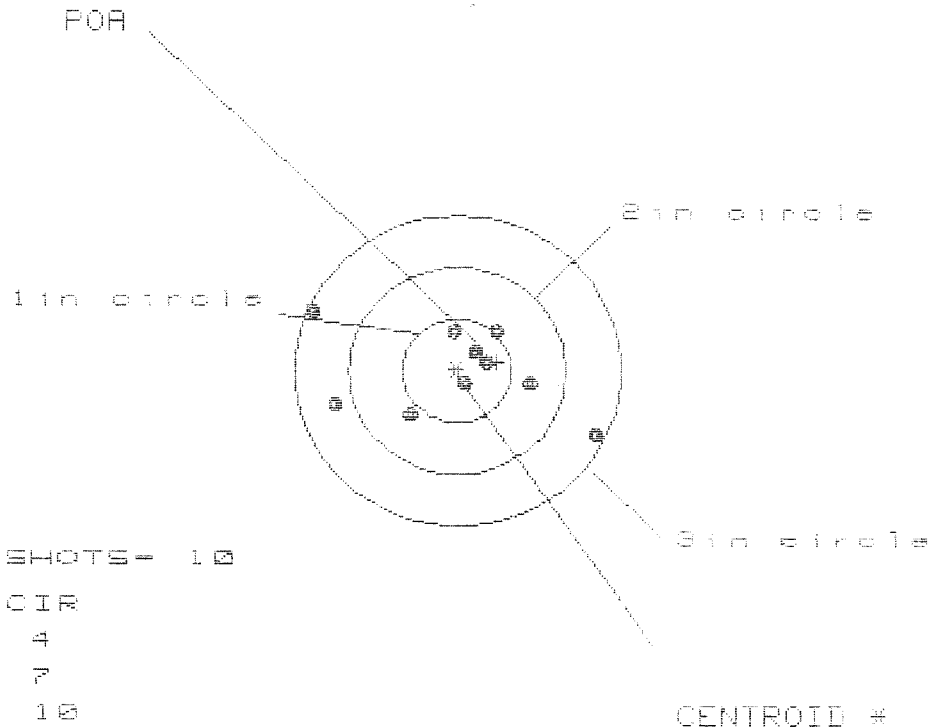
CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.886	.918	.989
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	.108
POA TO CENTROID in.	:	.541	.562	.557
MIN RADIUS	:	.231	.046	.205
MEAN RADIUS	:	1.001	.869	.778
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/08345052.1.1.1

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS= 0.504

VS= 1.113

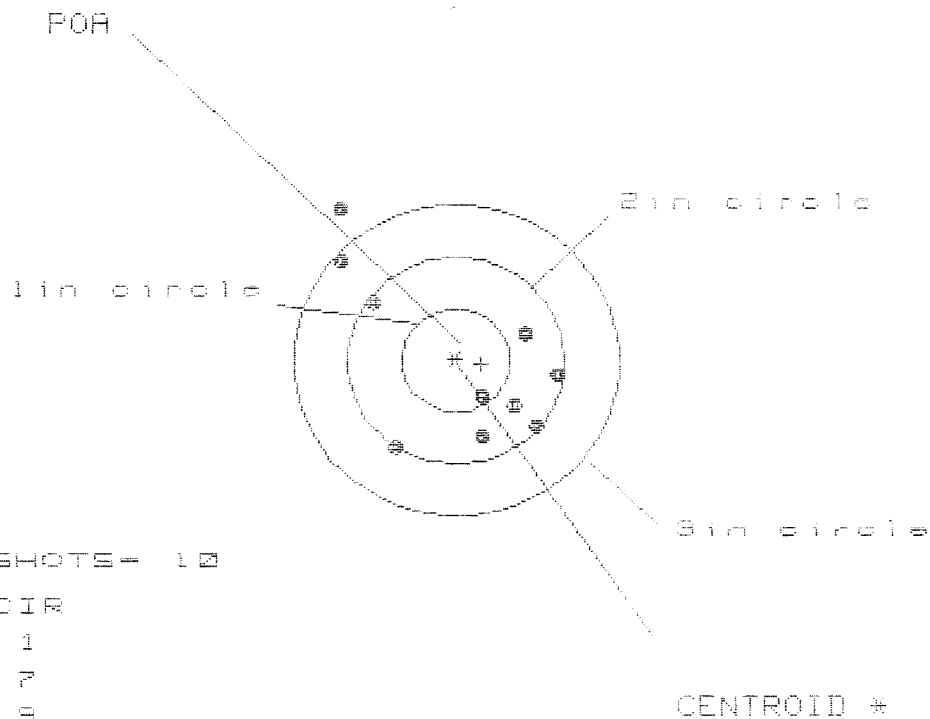
GS= 2.814

PATTERN #	2	1	3
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
POR TO CENTROID in.	.375	.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/08349652.1.1.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 2.053

VS= 2.274

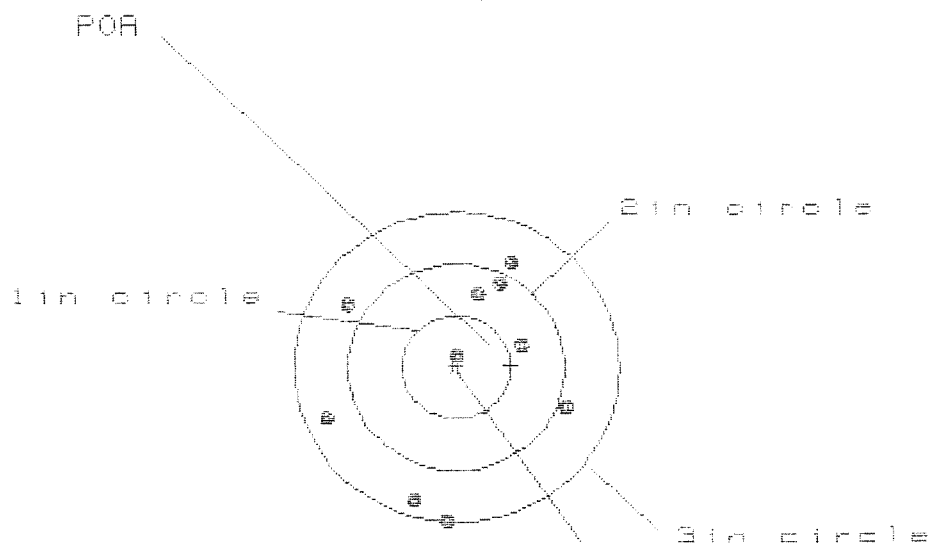
GS= 2.779

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.977
MINIMUM X	-1.077
MAXIMUM Y	1.445
MINIMUM Y	-.829
CENTROID X	-.237
CENTROID Y	.035
POA TO CENTROID in.	.239
MIN RADIUS	.426
MEAN RADIUS	.990
MAX RADIUS	1.802
HORIZONTAL SPREAD	2.053
VERTICAL SPREAD	2.274
EXTREME SPREAD	2.779
NUMBER IN ONE INCH CIRCLE =	1
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	8

5 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349052.1.1.1

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 1

2in = 4

3in = 10

HS = 2.182

VS = 2.455

GS = 2.518

CENTROID #

PATTERN #	4		
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	2.182	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/06349052.1.1.1

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 10

HS= 2.312

VS= 2.516

GS= 2.516

CENTROID #

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

-.588

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

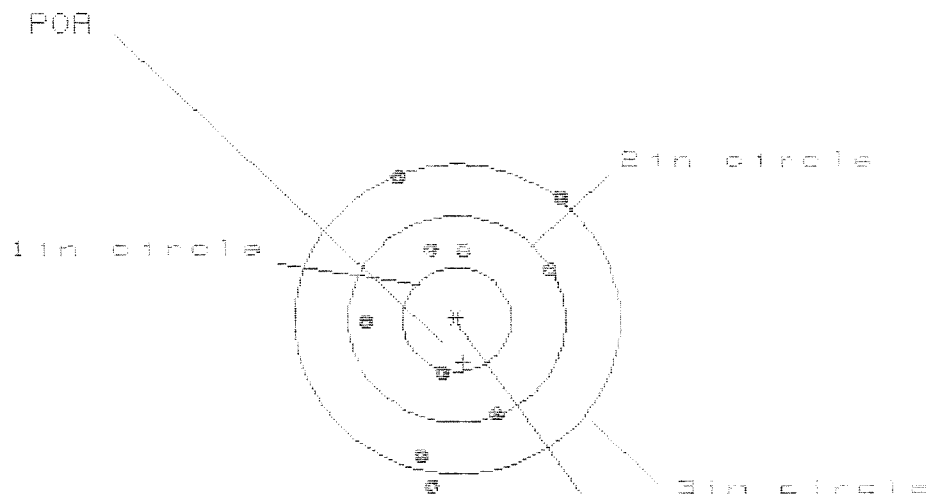
+ 9
+ 2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0372
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1752
THE RESULTING AVERAGE FOI RADIUS FOR THIS RIFLE IS: .179136
THE AMR FOR THIS RIFLE IS: 1.19

1 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6349052

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 1.822

VS= 3.039

CS= 3.053

CENTROID #

PATTERN #	1	2	3
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
POA 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

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 6

HS= 4.237

VS= 3.147

GS= 4.259

PATTERN #

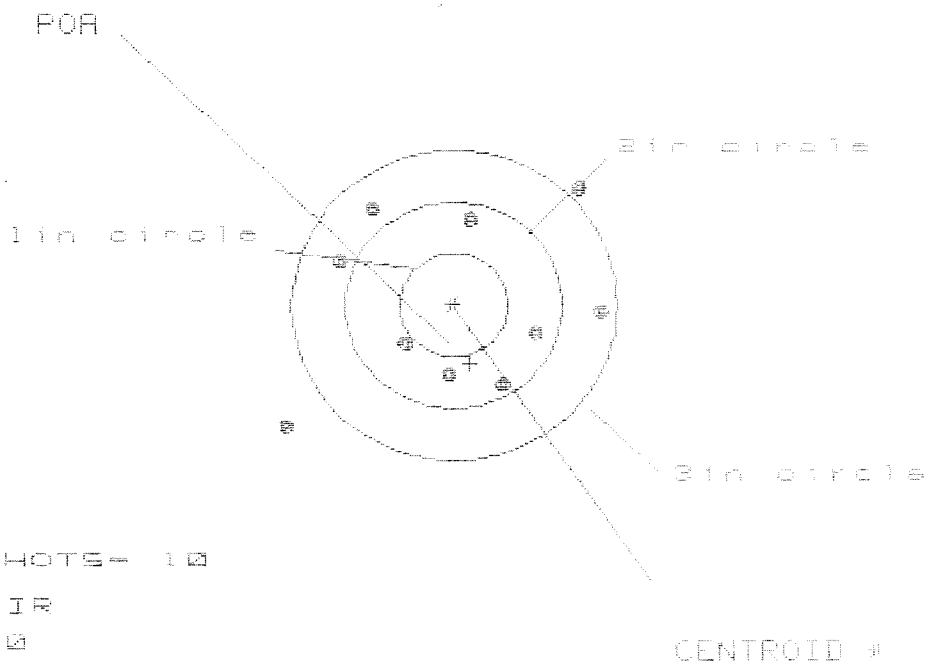
2

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/06349052

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

1.360

MINIMUM X

-1.587

-1.268

-1.151

MAXIMUM Y

1.087

.961

.952

MINIMUM Y

-1.126

-.924

-.803

CENTROID X

-.150

.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

1.304

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

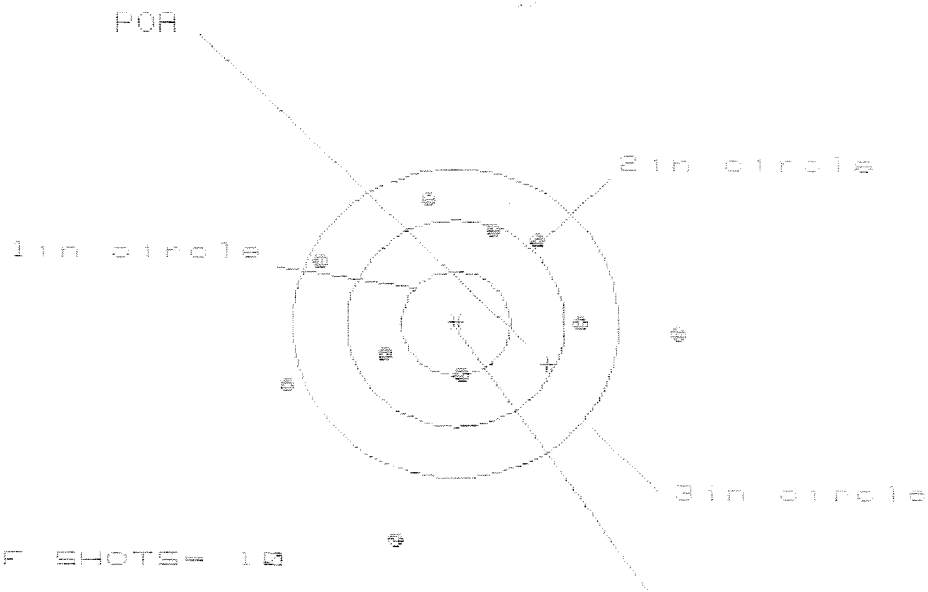
NUMBER IN THREE INCH CIRCLE =

8

1 Mar 1990

FILE: \PATTERNING\CENTERFIRE_PATT\08345052

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

CENTROID #

PATTERN #	4	5	6
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	-1.856	-1.980
CENTROID X	-.844	-.782	-1.028
CENTROID Y	.393	.621	.665
POR 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/C8345052

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 7

HE= 2.910

VE= 2.959

GS= 3.851

PATTERN #	10	9	8
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	.590	.463
MIN RADIUS	.258	.405	.251
MEAN RADIUS	1.080	.986	.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 94-18182

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

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

Scope S/N 90-0535

DATE RECEIVED 06/10/94 DATE OPENED 06/10/94 DATE CODE SERIAL NUMBER C6349052 NEW SERIAL NUMBER MODEL AND GRADE 700 7-62 NATO

ACCESSORIES HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

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

AL 36201-5025

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 DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0424099106796

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

SERIAL NO. C6349052DATE 5-17-96TESTER 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

CENTROIDAL DISTANCE CALCULATIONS
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

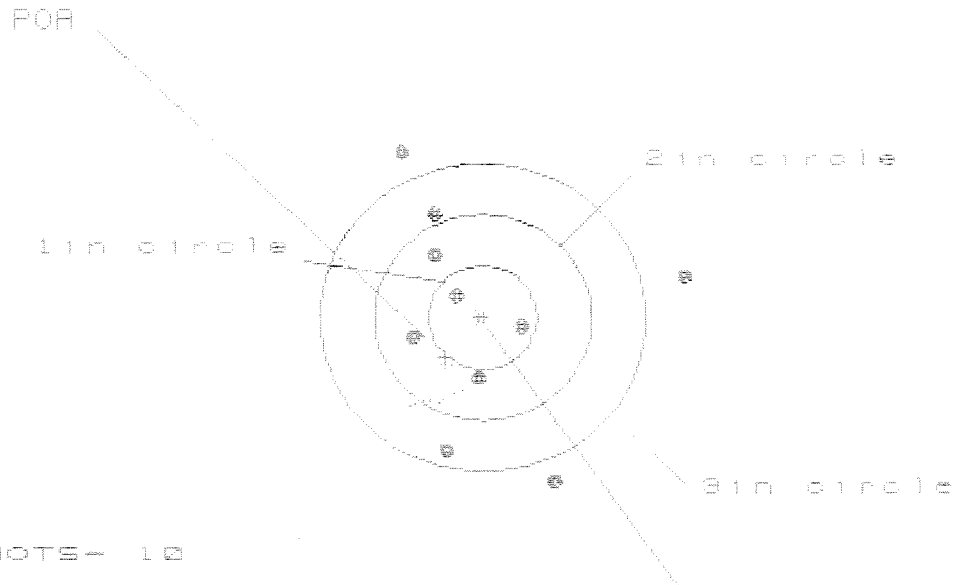
1000 (-----POA)

```
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 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349052

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.532

VS= 3.268

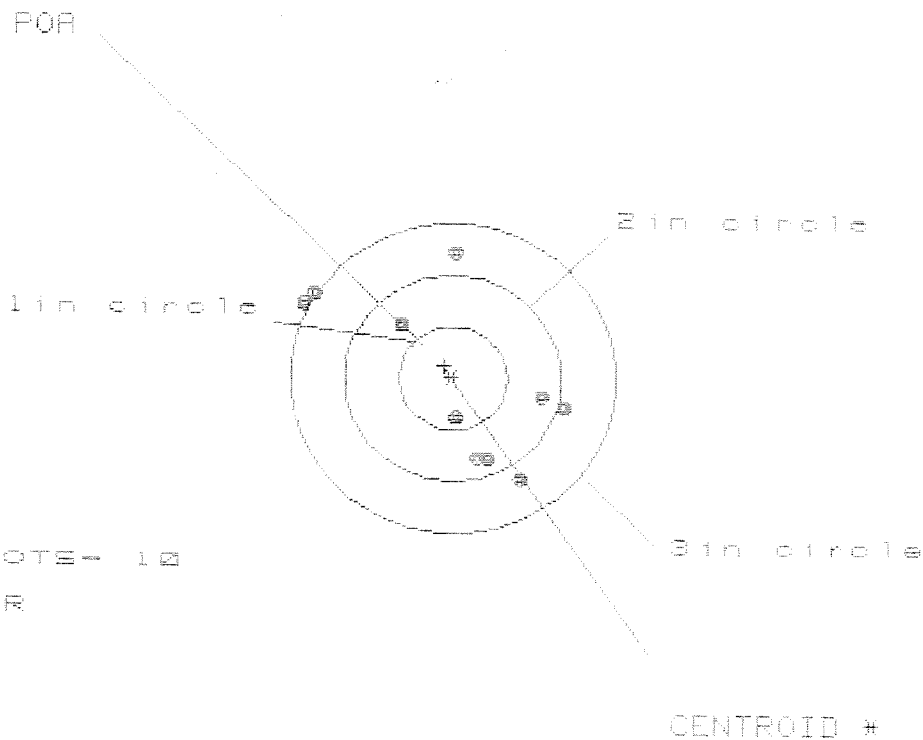
GS= 3.546

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	1.285
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 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6849802

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.427

VS= 2.217

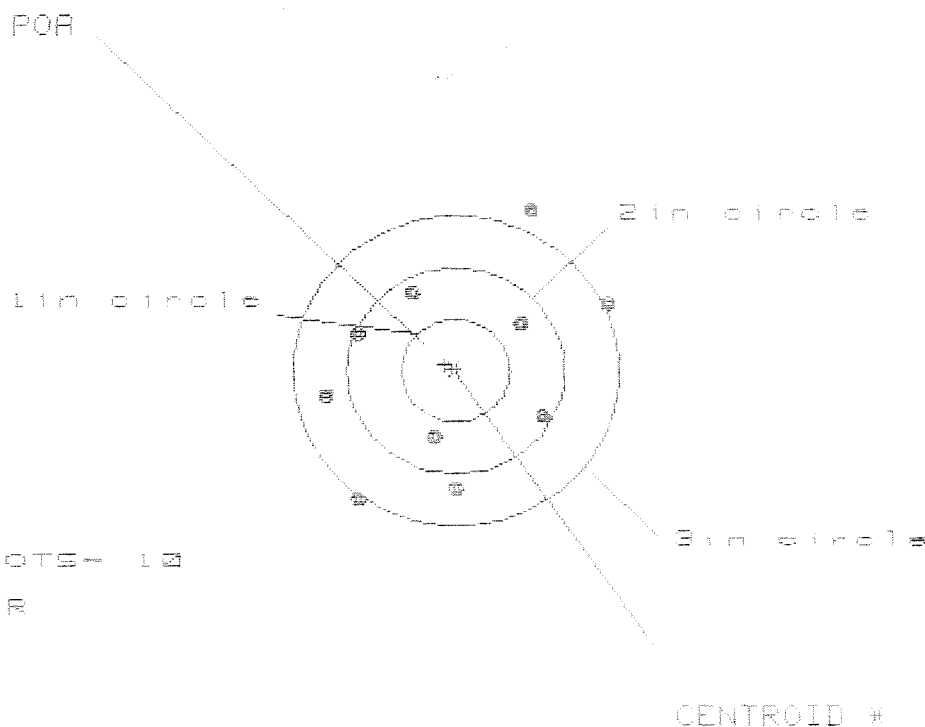
GS= 2.637

PATTERN #	1	2	3
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	1.673	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	1	1
NUMBER IN TWO INCH CIRCLE	5	5	5
NUMBER IN THREE INCH CIRCLE	8	9	9

18 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06849852

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 7

HS= 2.575

VS= 2.862

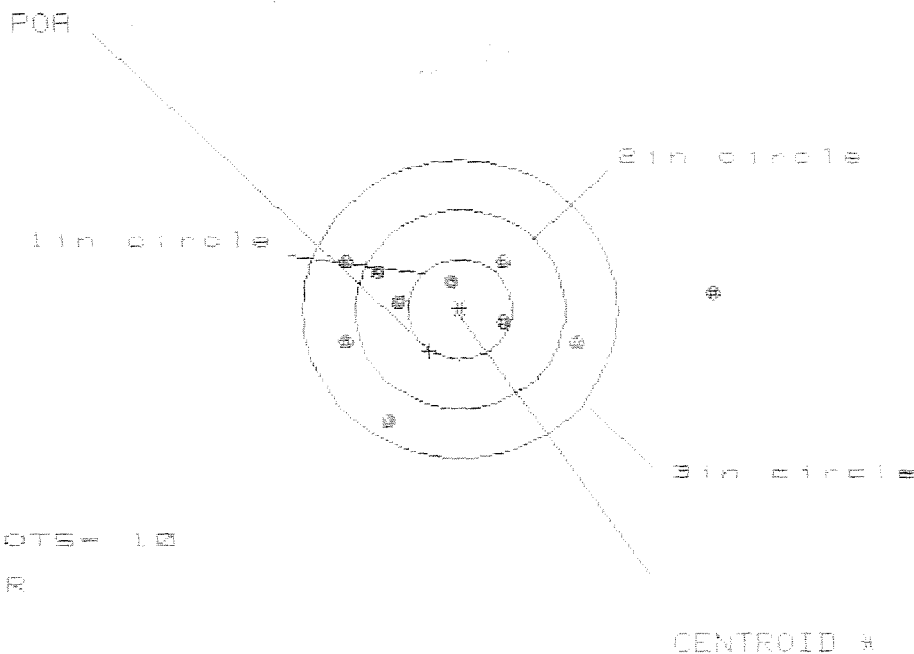
GS= 3.281

PATTERN #	10	9	8
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	5	7
NUMBER IN TWO INCH CIRCLE =	0	5	7
NUMBER IN THREE INCH CIRCLE =	0	5	7

18 Mar 1968

FILE:/PATTERNING/CENTERFIRE_PATT/08349052

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.553

VS= 1.650

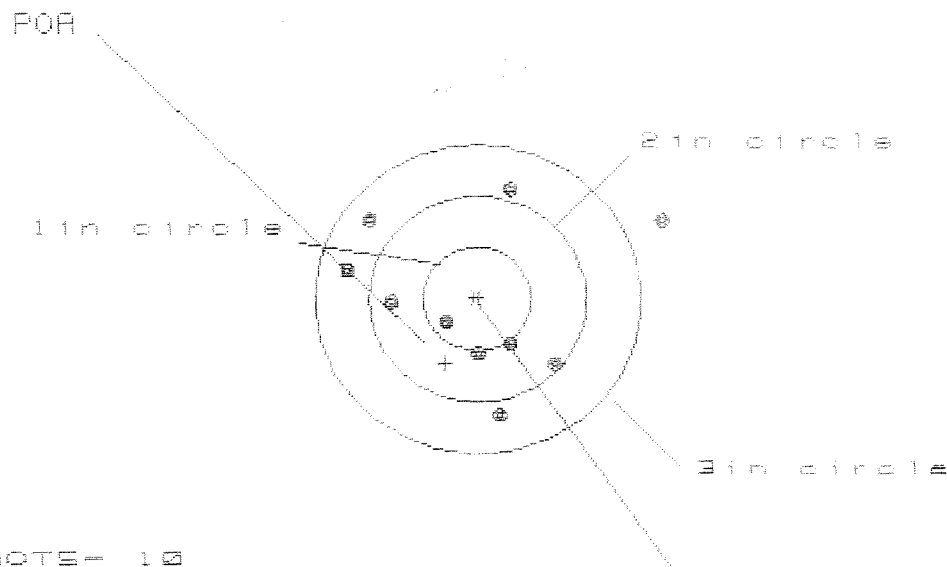
GS= 3.581

PATTERN #	1	2	3
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	-1.464
CENTROID X	.288	.018	.071
CENTROID Y	.421	.403	.543
POA TO CENTROID in.	.510	.484	.547
MIN RADIUS	.262	.291	.146
MEAN RADIUS	1.802	.805	.726
MAX RADIUS	2.449	1.386	1.374
HORIZONTAL SPREAD	3.553	2.195	2.196
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 1968

FILE:/PATTERNING/CENTERFIRE_PATT/09349652

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.933

VS= 2.229

GS= 2.979

CENTROID #

PATTERN #	1	2	3
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		

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. #	BARBER - M24 0106766 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							