

C6523348

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00092856

Serial: C6523348 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/18/1990

Repairman:

Status:

Closed: 2/10/2005 11:38:23 AM

Address Information

Customer

☒ Received From

Return To

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

FEL

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
A037	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

ragtel

2/14/2005

9:21 AM

CAPS

NUM

INS

SCPL

start

5

2

4

Arms Services

Serial Number:

C6523348

Model: M24 SWS



RE00092856

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523348.___0
FILE DATE AND TIME: 08/10/2005 09:16

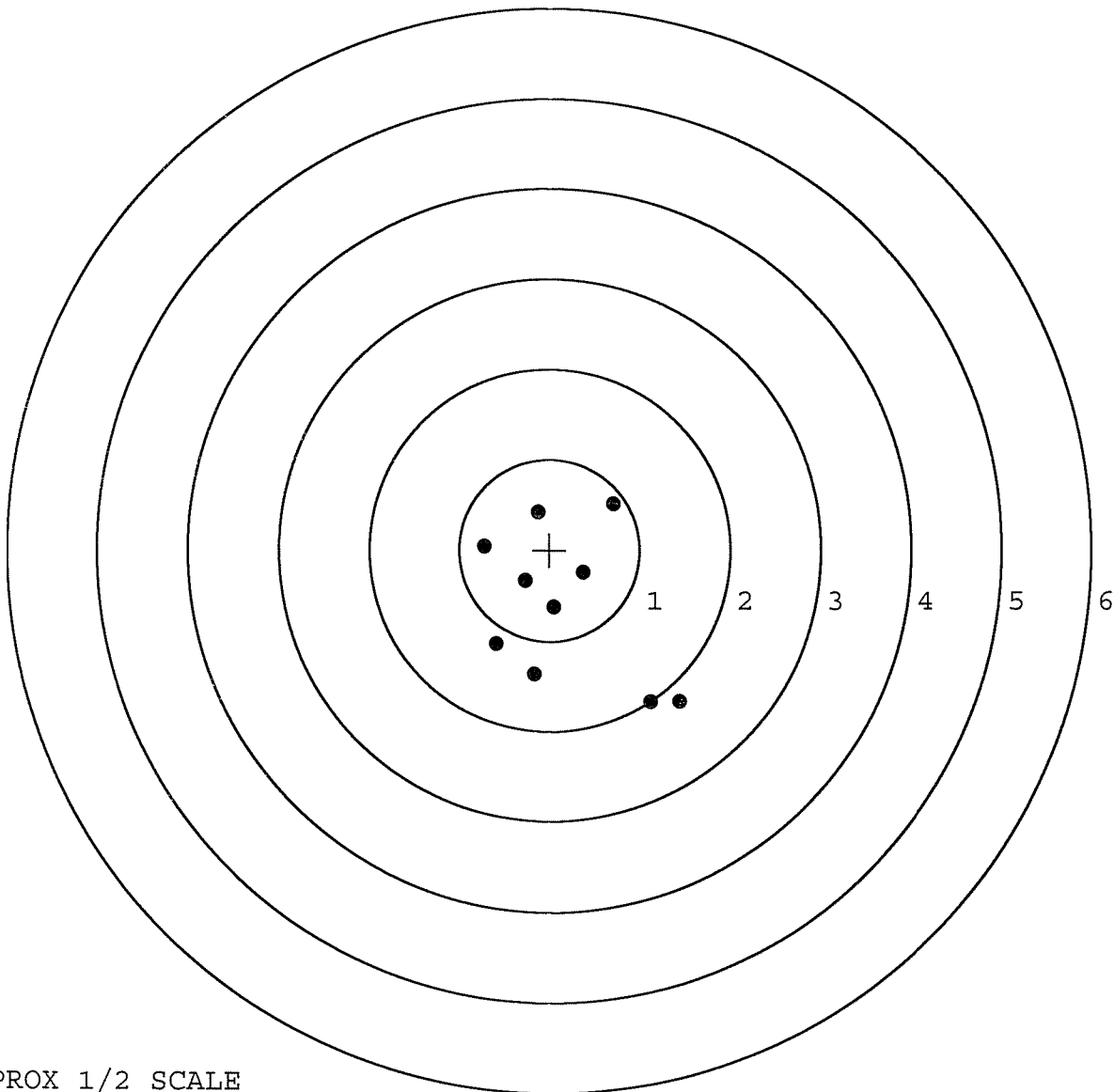
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.049
The Average Y Centroid of the Five Target Set:	-0.460
The Average Point of Impact of the Five Target Set:	0.462
The Average Mean Radius of the Five Target Set:	1.047
The Distance from POA to Centroid Target #1:	0.626
The Distance from Centroid Target #2 to Centroid Target #1:	0.231
The Distance from Centroid Target #3 to Centroid Target #1:	0.312
The Distance from Centroid Target #4 to Centroid Target #1:	0.368
The Distance from Centroid Target #5 to Centroid Target #1:	0.910

SERIAL NUMBER: C6523348.____0
 TARGET NUMBER: 1
 FILE DATE: 08/10/2005
 FILE TIME: 09:16

X CENTROID: 0.180
 Y CENTROID: -0.600
 POA TO CENTROID: 0.626
 HORZ SPREAD: 2.166
 VERT SPREAD: 2.181
 GROUP SPREAD: 2.753
 MIN RADIUS: 0.136
 MAX RADIUS: 1.650
 MEAN RADIUS: 0.927
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.272	-0.341
2:	0.375	-0.251
3:	0.047	-0.627
4:	-0.593	-1.038
5:	-0.173	-1.373
6:	-0.130	0.415
7:	-0.724	0.036
8:	0.707	0.512
9:	1.121	-1.669
10:	1.442	-1.663

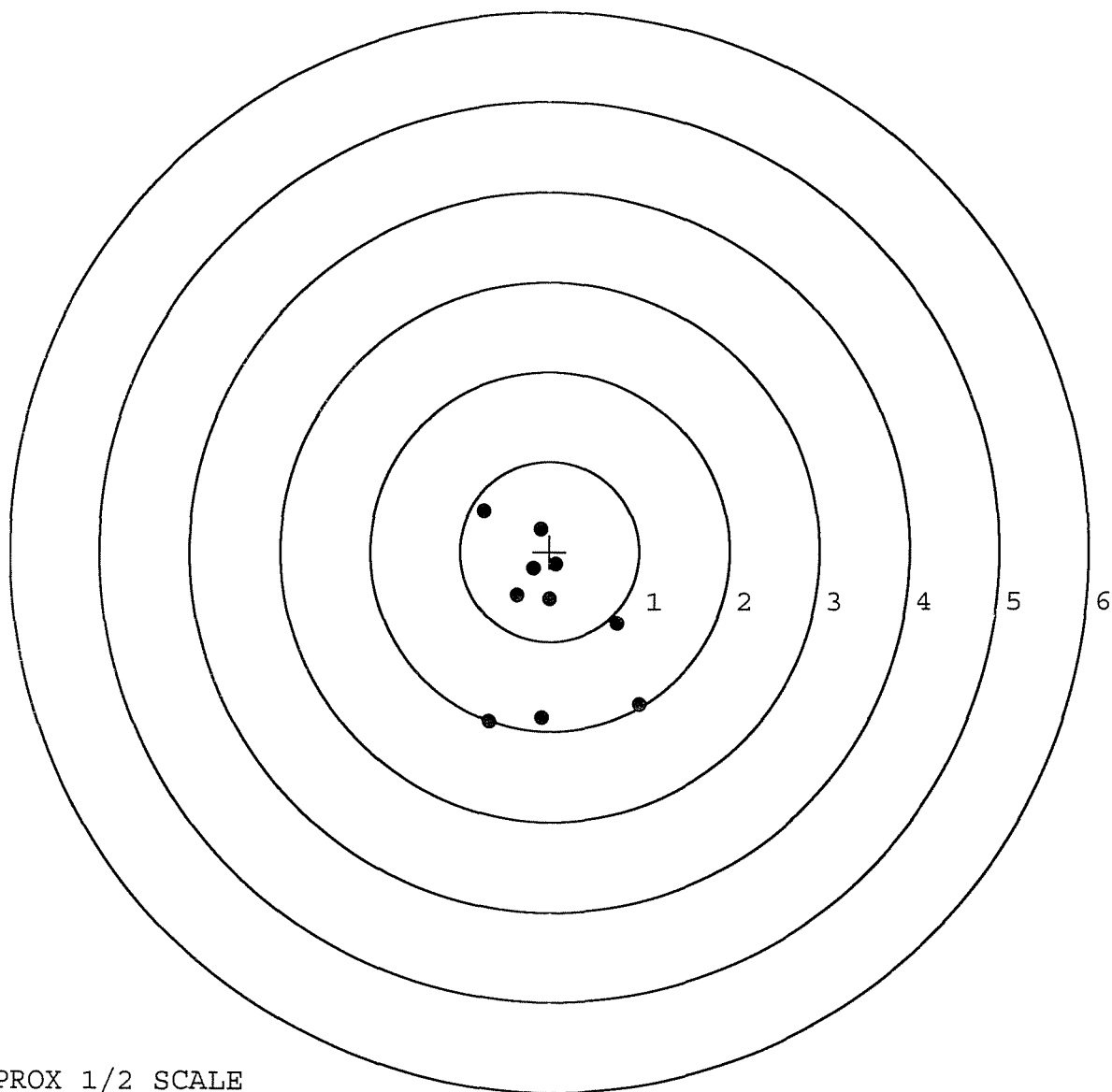


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523348. 0
 TARGET NUMBER: 2
 FILE DATE: 08/10/2005
 FILE TIME: 09:16

X CENTROID: -0.031
 Y CENTROID: -0.693
 POA TO CENTROID: 0.694
 HORZ SPREAD: 1.736
 VERT SPREAD: 2.345
 GROUP SPREAD: 2.757
 MIN RADIUS: 0.166
 MAX RADIUS: 1.447
 MEAN RADIUS: 0.869
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.182	-0.191
2:	-0.730	0.440
3:	-0.103	0.252
4:	0.072	-0.144
5:	0.005	-0.531
6:	0.751	-0.803
7:	-0.678	-1.905
8:	-0.092	-1.856
9:	1.006	-1.702
10:	-0.361	-0.489

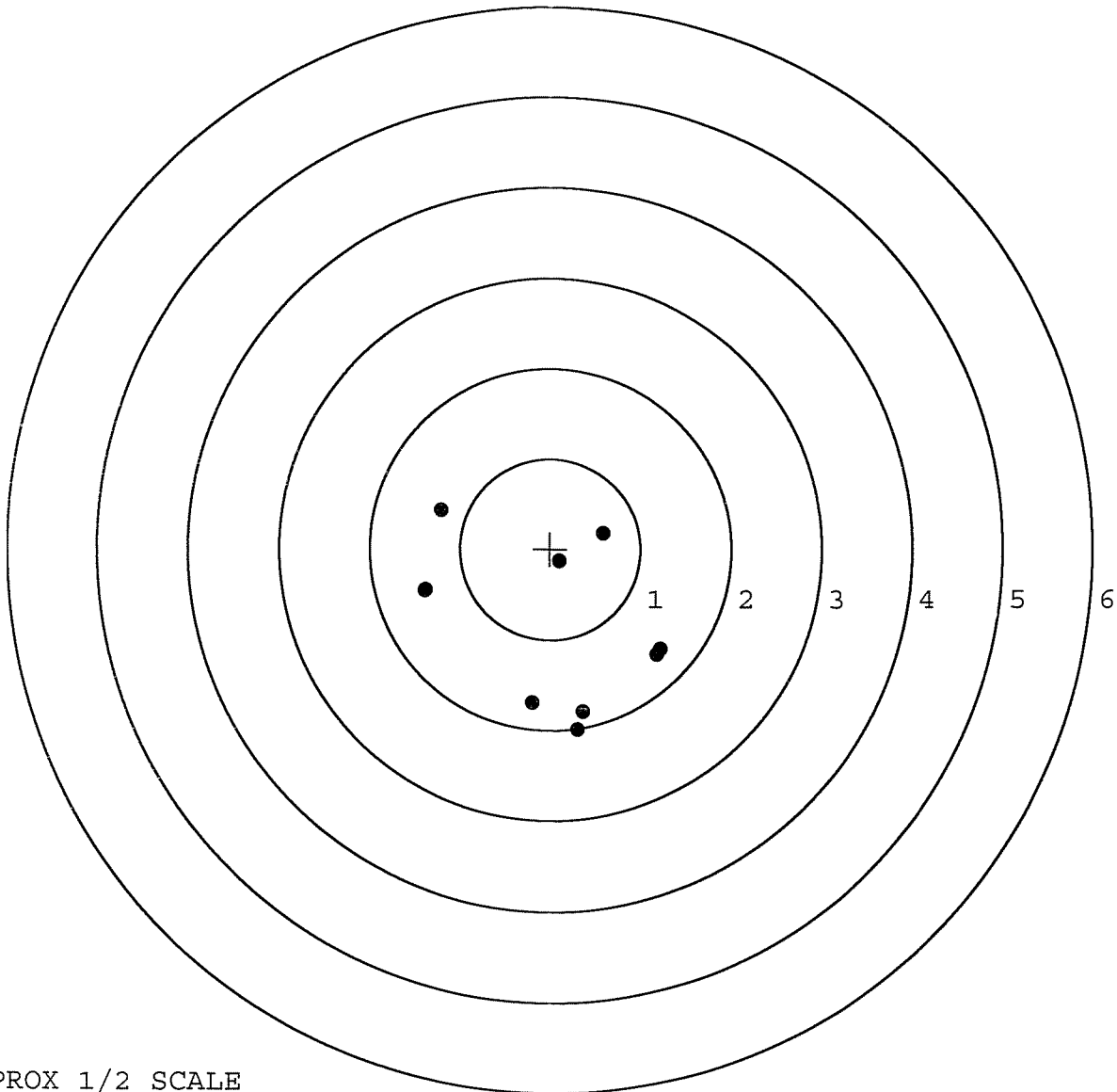


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523348. __0
 TARGET NUMBER: 3
 FILE DATE: 08/10/2005
 FILE TIME: 09:16

X CENTROID: -0.040
 Y CENTROID: -0.821
 POA TO CENTROID: 0.822
 HORZ SPREAD: 2.611
 VERT SPREAD: 2.421
 GROUP SPREAD: 2.872
 MIN RADIUS: 0.700
 MAX RADIUS: 1.709
 MEAN RADIUS: 1.212
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 2
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.101	-0.136
2:	-1.208	0.427
3:	-1.390	-0.460
4:	-1.386	-0.456
5:	0.588	0.174
6:	1.184	-1.163
7:	-0.194	-1.704
8:	0.311	-1.994
9:	0.371	-1.797
10:	1.221	-1.104



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523348. 0

TARGET NUMBER: 4

FILE DATE: 08/10/2005

FILE TIME: 09:16

X CENTROID: -0.130

Y CENTROID: -0.402

POA TO CENTROID: 0.422

HORZ SPREAD: 2.592

VERT SPREAD: 3.535

GROUP SPREAD: 3.974

MIN RADIUS: 0.332

MAX RADIUS: 2.208

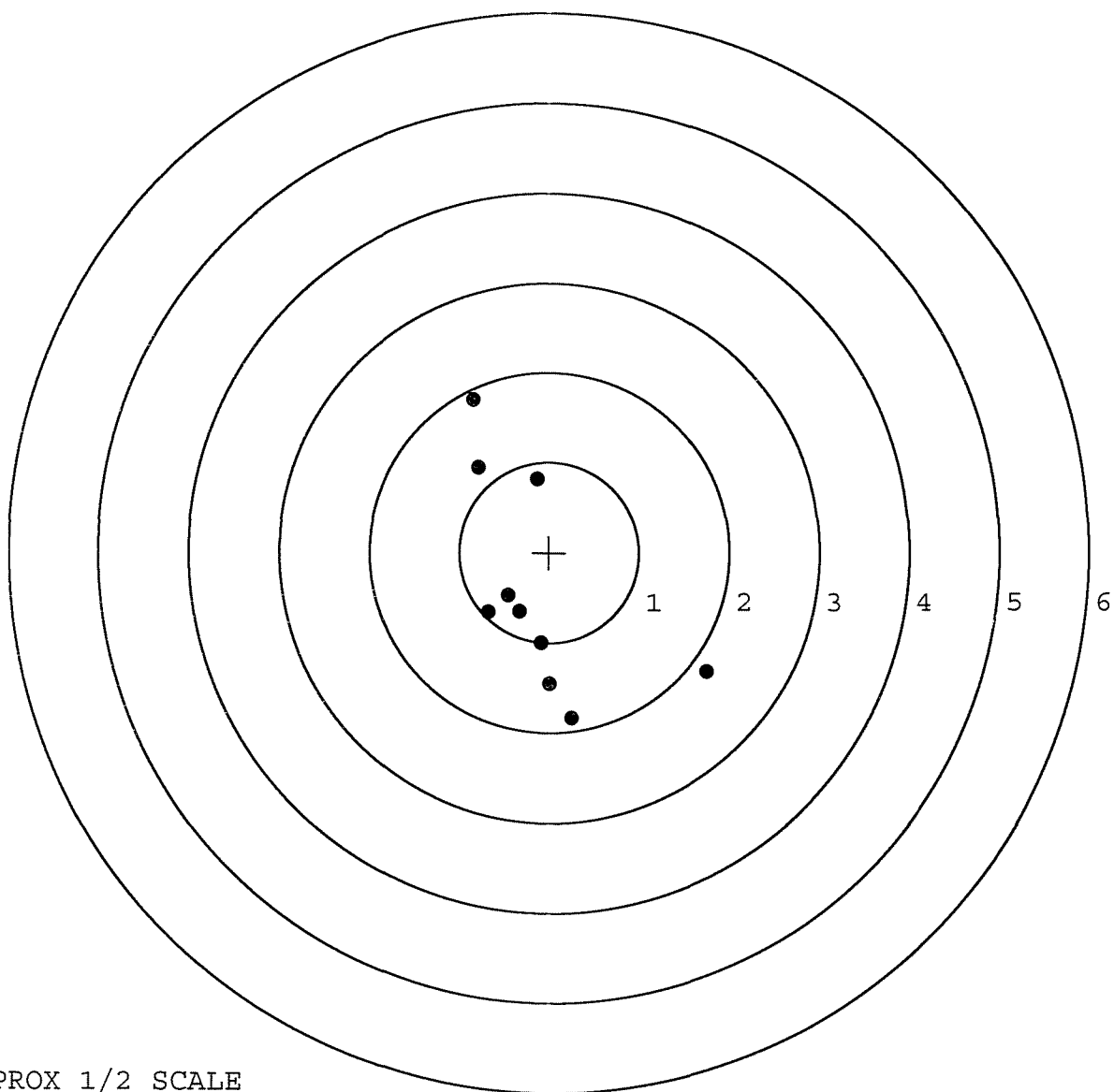
MEAN RADIUS: 1.146

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.840	1.689
2:	-0.784	0.937
3:	-0.131	0.813
4:	-0.090	-1.008
5:	1.752	-1.323
6:	0.007	-1.462
7:	0.255	-1.846
8:	-0.458	-0.482
9:	-0.332	-0.665
10:	-0.679	-0.669

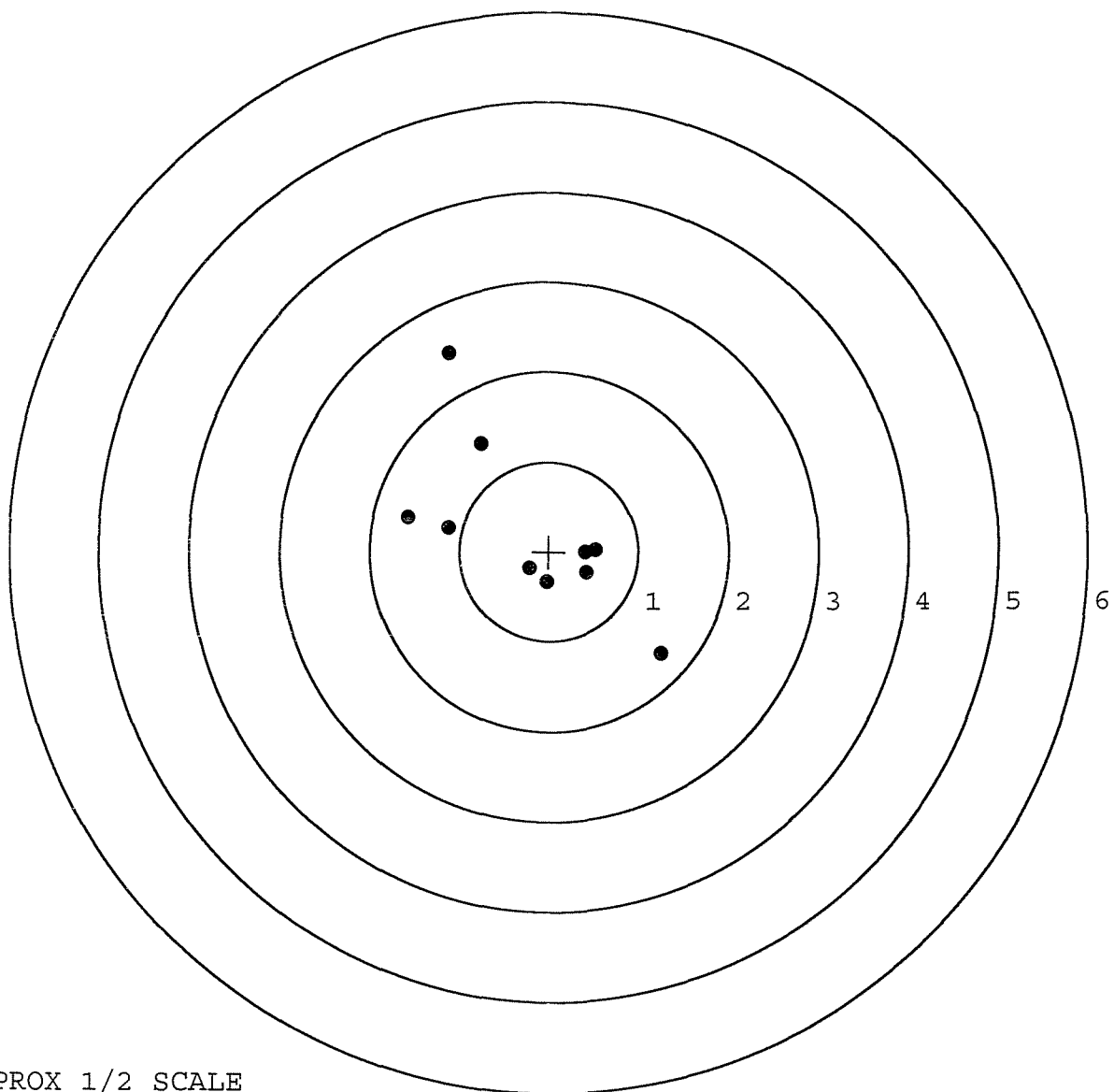


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523348.____0
 TARGET NUMBER: 5
 FILE DATE: 08/10/2005
 FILE TIME: 09:16

X CENTROID: -0.221
 Y CENTROID: 0.217
 POA TO CENTROID: 0.310
 HORZ SPREAD: 2.829
 VERT SPREAD: 3.337
 GROUP SPREAD: 4.094
 MIN RADIUS: 0.407
 MAX RADIUS: 2.178
 MEAN RADIUS: 1.080
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.409	-0.011
2:	0.423	-0.236
3:	1.253	-1.136
4:	-1.119	2.201
5:	-0.758	1.202
6:	-1.576	0.385
7:	-1.126	0.271
8:	-0.022	-0.341
9:	-0.218	-0.190
10:	0.520	0.024



TARGET APPROX 1/2 SCALE

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

R. & E NUMBER	92854		
SERIAL NUMBER	C6523348		
LOG-IN DATE	2-10-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-26-05	RTZ
560 A	RE-BARREL	6-6-05	RTZ
B	DRILL AND TAP	6-8-05	TRW
575	ASSEMBLE	6-6-05	RTZ
600	PROOF	6-7-05	Ac
605	CHECK HEADSPACE	6-7-05	Ac
610	DIS-ASSEMBLE GUN	6-7-05	RTZ
612	MAGNAFLUX	6-9-05	WMB
615	ROLLMARK CALIBER	6-9-05	CW
618	ROTO-BLAST	6-10-05	LB
620	APPLY COATINGS	6-13-05	W
625 A	FINAL ASSEMBLY	7-8-05	RR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-15-05	Ac
D	SAFETY "OFF" FORCE	8-15-05	Ac
E	FIRING PIN INDENT	8-15-05	Ac
640	TARGET	8-10-05	Ac
655	FINAL INSPECT	8-15-05	Ac
660	PACK	9-19-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

C-6523348

Scope S/N 88-1229

Repair Number: RE00000754		Serial: C6523349 Model 700 Center Fire Caliber: 7.62 SWS M-24 90F18		Repairman:	
Verify Repair				Status:	New 12/15/99 12:58:33 PM

Address Information	
Customer:	☒ Received From
Name:	TRANSPORTATION OFFICER
Address 1:	XVIII AIRBORNE CORPS AND FORT BRAGG
Address 2:	BUILDING J-2050 PO Box:
City:	FORT BRAGG
State:	NC Zip Code: 28310 Country: US

Return To:		☐ Received From
Name:		TRANSPORTATION OFFICER
Address 1:		XVIII AIRBORNE CORPS AND FORT BRAGG
Address 2:		BUILDING J-2050 PO Box:
City:		FORT BRAGG
State:		NC Zip Code: 28310 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing
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Contact Information Phone: Fax: Email: Comments:	Received Condition Condition: Poor Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A016</td> <td>Scope Mounts</td> <td>2</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>7000</td> <td>Bl Edge</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A010	Hard Case	1	A016	Scope Mounts	2	A017	Scope Base	1	A026	Scope	1	7000	Bl Edge	1
Code	Desc	Qty																		
A010	Hard Case	1																		
A016	Scope Mounts	2																		
A017	Scope Base	1																		
A026	Scope	1																		
7000	Bl Edge	1																		

Repair Search	Refresh	Close
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BBL 96003

Remington.**TRACKING DOCUMENT**

Repair Order Number



Repair Order Number RE00000754	Description/Serial C6523349	Repairman - Date Received 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 7.62 SWS M-24 90F18	Estimate Date Current Date - 12/16/1999
<u>Customer</u> TRANSPORTATION OFFICER XVIII AIRBORNE CORPS AND FORT B BUILDING J-2050 FORT BRAGG NC 28310 US	<u>Return To</u> TRANSPORTATION OFFICER XVIII AIRBORNE CORPS AND FORT BUILDING J-2050 FORT BRAGG NC 28310 US	
Phone (H) Phone (W)	Fax Email	

Problems	
Reported	Found

Repair		Quantity Needed	Quantity From	Quantity From	Warranty (Y/N)
Material #	MaterialDesc				
Total:					

Serial Number: C6523349

Model ID: 700

**RE00000754**

Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6523349

5 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1496

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1248

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .194821

THE AMR FOR THIS RIFLE IS: 1.26

CENTROIDAL DISTANCES

0	TO	1	.322386
1	TO	2	.266678
1	TO	3	.549441
1	TO	4	.443424
1	TO	5	.352919

1 2
+ <----POA
5
4
3

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

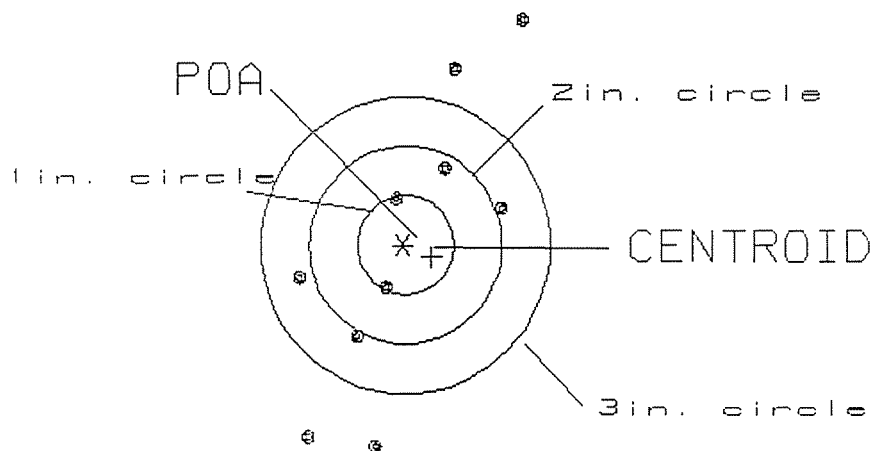
PATTERN #: 1

POA TO CENTROID: .322
 MIN RADIUS : .453
 MEAN RADIUS : 1.384
 MAX RADIUS : 2.592
 CENTROID X : -.298
 CENTROID Y : .123

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523349

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.33

2

VS= 4.35

3

GS= 4.79

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

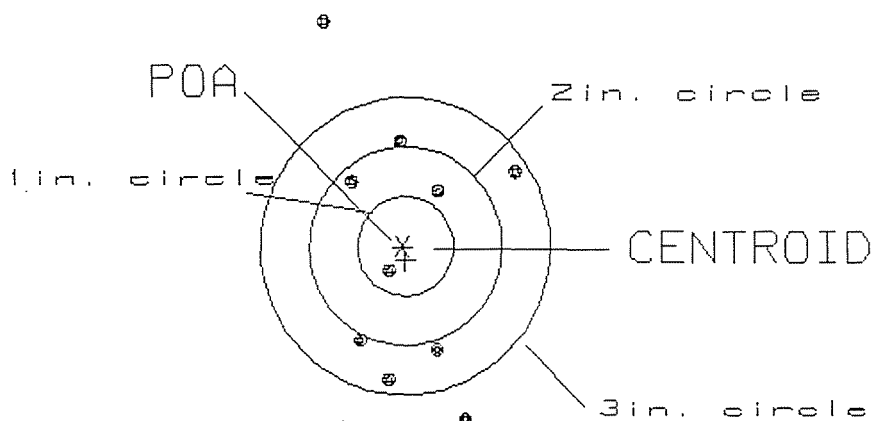
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .145
 MIN RADIUS : .308
 MEAN RADIUS : 1.201
 MAX RADIUS : 2.411
 CENTROID X : -.032
 CENTROID Y : .142

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523349

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.96

1

VS= 3.98

3

GS= 4.24

6

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .410

MIN RADIUS : .564

MEAN RADIUS : 1.455

MAX RADIUS : 2.792

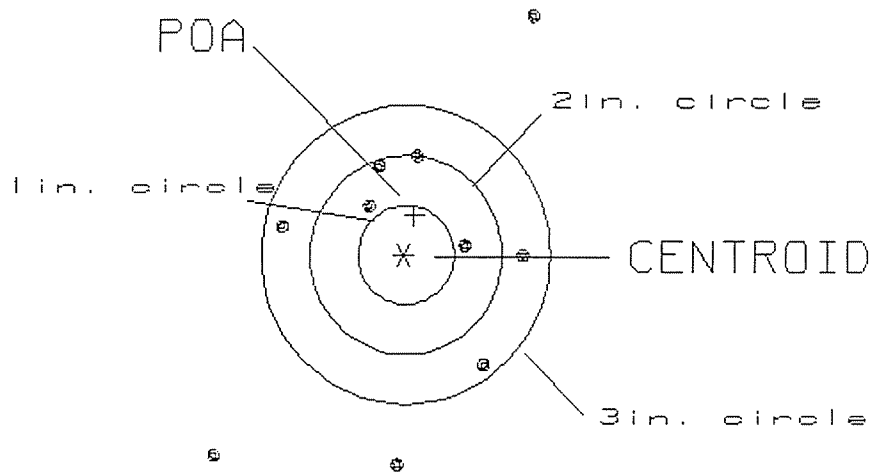
CENTROID X : -.112

CENTROID Y : -.394

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523349

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.21

0

VS= 4.45

3

GS= 5.42

7

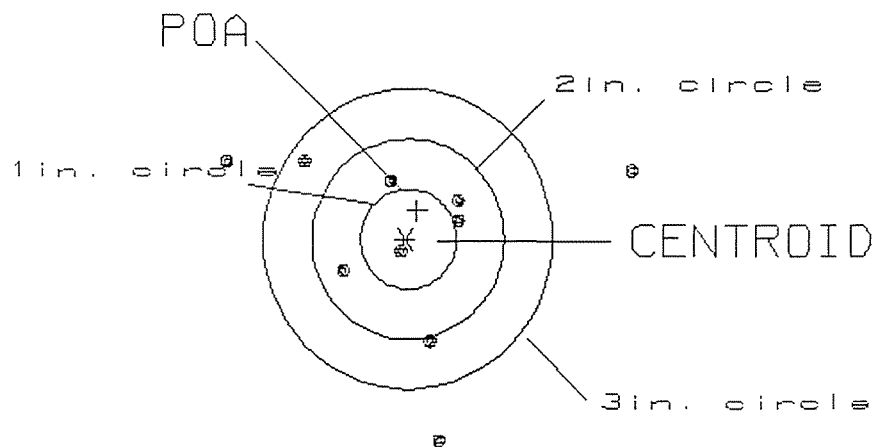
PATTERN #: 4

POA TO CENTROID: .309
 MIN RADIUS : .135
 MEAN RADIUS : 1.175
 MAX RADIUS : 2.457
 CENTROID X : -.122
 CENTROID Y : -.284

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523349

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.27

1

VS= 2.82

5

GS= 4.27

7

REMINGTON CENTERFIRE ACCURACY TEST

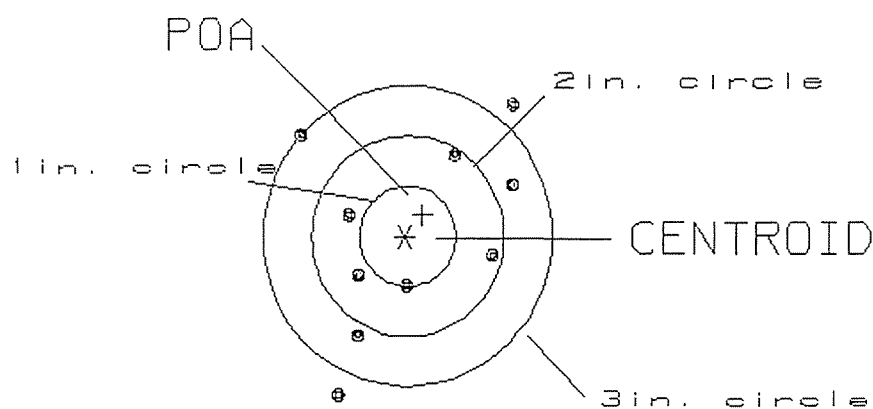
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5
 POA TO CENTROID: .280
 MIN RADIUS : .476
 MEAN RADIUS : 1.087
 MAX RADIUS : 1.765
 CENTROID X : -.184
 CENTROID Y : -.211

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523349

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.23

1

VS= 2.92

5

GS= 3.41

8

Final Inspection

S/N: C6523349

DATE REC'D: 12-12-99

DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ Screws☒ Finish☒ Looseness☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☒ Scope Case☐ Iron SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6523349

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-12-00	RW
605	CHECK HEADSPACE	1-12-00	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	4-4-00	RW
655	FINAL INSPECT	4-10-00	RW
660	PACK		
QAR INSPECTION		SHIP DATE	

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

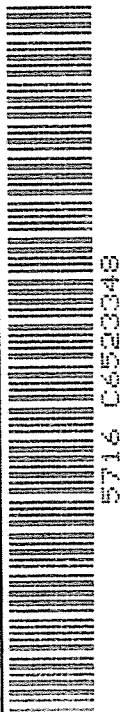
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ M24

SERIAL NO. C6523348

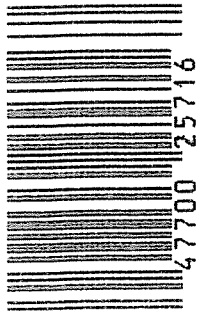
ORDER NO. 5716

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



5716 C6523348

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523348

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 3 90		RW
600	Proof	10 3 90		RW
607	Check Headspace	10 3 90		RW
610	Dis-assemble Gun	10 3 90		RW
612	Magnaflux Barrel Action		10/11/90	KR
	Magnaflux Bolt		10/11/90	KR
615	Rollmark Caliber		10/11/90	LS
617	Drill and Tap Sight Holes		10/11/90	LB
618	Polish Barrel <i>LB</i>		10/12/90	WB
620	Apply Coatings (Barrel Action)		10-12-90	JH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/22/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/22/90	RW
	C) Inspect Ejector Hole for Chamfer		10/22/90	RW
	D) Oil Firing Pin Ass'y		10/22/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-9-90	JH

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	3 ³ / ₄	3 ³ / ₄	3 ³ / ₄	11/9/90	WB		
	G) Safety Off Force	2	2	2	11/9/90	WB		
	H) Trigger Pull Test & Retainability				11/9/90	JH		
	I) Firing Pin Indent	.021	.0205	.021	11/9/90	WB		
	J) Assemble Stock				11/9/90	RW		
	K) Assemble Swivel Studs				11/19/90	DS		
	L) Attach Front and Rear Sight Assemblies				11/9/90	RW		
	M) Iron Sight Alignment				11/9/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				11/9/90	RW		
	O) Attach Scope to Rifle				11/9/90	RW		
	P) Detach & Attach Scope 20 Times				11/9/90	RW		
640	Gallery Target & Test				11-12-90	KJ		
	A) Time				11-12-90	KJ		
	B) Malfunctions				11-12-90	KJ		
	C) Pierced Primers				11-12-90	KJ		
	D) Optical Clarity of Scope				11-12-90	KJ		
645	Inspect for Live Ammo				11-12-90	KJ		
655	Final Inspection				11/19/90	DS		
	A) Headspace				11/19/90	DS		
	B) Trigger Pull	227	219	223	233	224	11/19/90	DS
	C) Function						11/19/90	DS
660	Pack						12-17-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523348

DATE 11-9-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.39	2.32	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.29	2.35	2.34	2.19	
PULL #3	2.32	2.34	2.32	2.23	
PULL #4	2.24	2.33	2.21	2.23	
PULL #5	2.38	2.35	2.35	2.24	
TOTAL	11.50	11.76	11.54		
AVG.	2.3	2.352	2.308		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.36		
PULL #2	3.53	3.44		
PULL #3	3.42	3.38		
PULL #4	3.39	3.41		
PULL #5	3.22	3.15		
TOTAL	16.85	16.74		
AVG.	3.37	3.348		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.37		4.38
PULL #2	4.37	4.46		4.28
PULL #3	4.39	4.28		4.37
PULL #4	4.42	4.43		4.33
PULL #5	4.36	4.40		4.38
TOTAL	21.85	21.94		21.74
AVG.	4.37	4.388		4.348

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523348
13 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.29416
1 TO	2	.192588
1 TO	3	.50163
1 TO	4	.33051
1 TO	5	.271426

3.4 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0586
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0866
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .104563

THE AMR FOR THIS RIFLE IS: .8846

13 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523348

CENTERFIRE PATTERNS

1

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 0

2in = 8

3in = 10

HE = 2.254

VS = 1.707

GS = 2.273

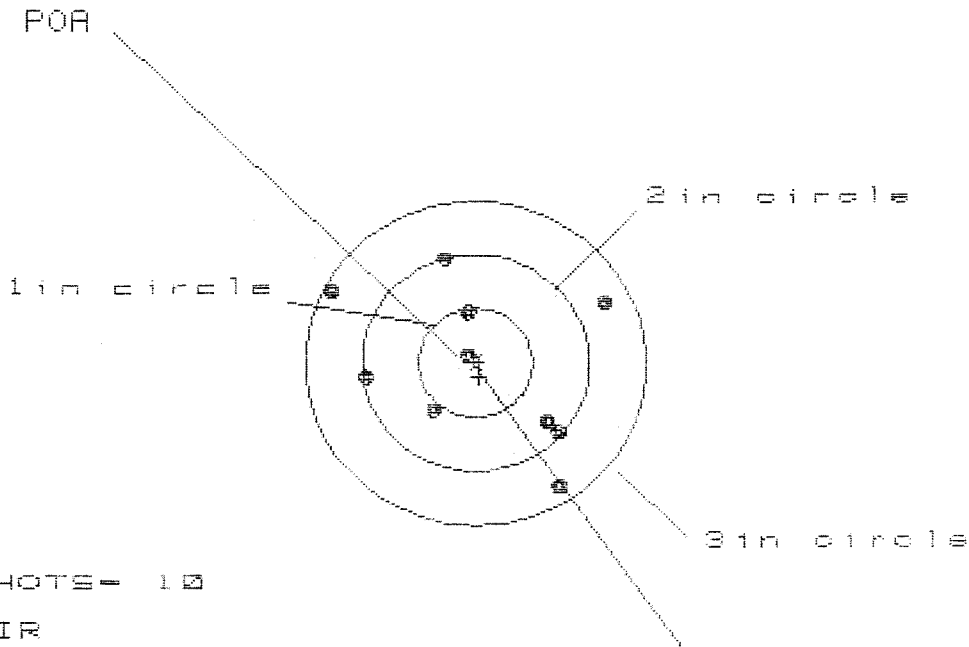
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.798	.637	.491
MINIMUM X	:	-1.456	-1.165	-.836
MAXIMUM Y	:	.858	.872	.917
MINIMUM Y	:	-.849	-.835	-.790
CENTROID X	:	.099	.260	.406
CENTROID Y	:	.277	.263	.218
POR TO CENTROID in.	:	.294	.370	.461
MIN RADIUS	:	.540	.503	.448
MEAN RADIUS	:	.838	.742	.657
MAX RADIUS	:	1.461	1.219	.921
HORIZONTAL SPREAD	:	2.254	1.802	1.327
VERTICAL SPREAD	:	1.707	1.707	1.707
EXTREME SPREAD	:	2.273	1.874	1.716
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS = 2.319

VS = 2.131

GS = 2.644

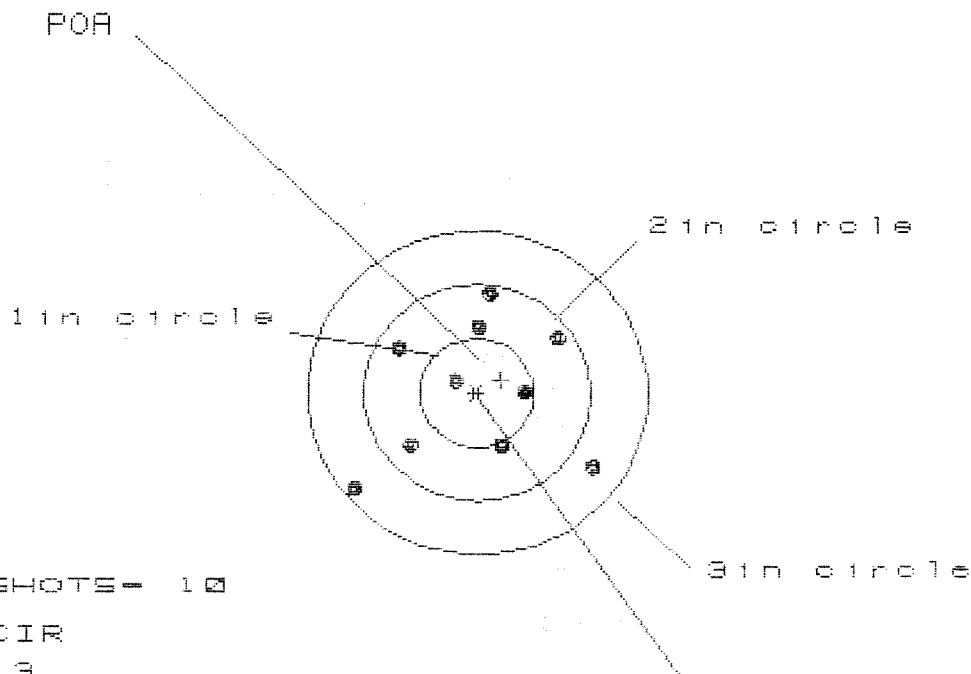
CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.090	.953	1.023
MINIMUM X	-1.229	-1.148	-1.078
MAXIMUM Y	.972	1.044	.909
MINIMUM Y	-1.159	-1.087	-.698
CENTROID X	-.030	.107	.037
CENTROID Y	.134	.062	.197
POA TO CENTROID in.	.138	.123	.201
MIN RADIUS	.143	.295	.172
MEAN RADIUS	.895	.846	.778
MAX RADIUS	1.392	1.222	1.161
HORIZONTAL SPREAD	2.319	2.101	2.101
VERTICAL SPREAD	2.131	2.131	1.606
EXTREME SPREAD	2.644	2.345	2.224
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

CENTROID #

HS= 2.108

VS= 1.781

GS= 2.222

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.041	.922	.681
MINIMUM X	:	-1.067	-.902	-.687
MAXIMUM Y	:	.898	.799	.703
MINIMUM Y	:	-.883	-.775	-.679
CENTROID X	:	-.214	-.095	-.210
CENTROID Y	:	-.115	-.016	.081
POA TO CENTROID in.	:	.242	.096	.225
MIN RADIUS	:	.208	.266	.182
MEAN RADIUS	:	.752	.668	.586
MAX RADIUS	:	1.386	1.204	.875
HORIZONTAL SPREAD	:	2.108	1.724	1.368
VERTICAL SPREAD	:	1.781	1.574	1.382
EXTREME SPREAD	:	2.222	2.021	1.567
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS

4

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 9

HS = 2.502

VS = 2.262

GS = 2.606

CENTROID *

PATTERN #

4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.259	1.122	1.202
MINIMUM X	-1.243	-1.380	-1.300
MAXIMUM Y	1.110	1.007	.851
MINIMUM Y	-1.152	-1.255	-1.042
CENTROID X	.393	.530	.450
CENTROID Y	.126	.228	.385
POR TO CENTROID in.	.413	.577	.592
MIN RADIUS	.429	.423	.371
MEAN RADIUS	1.035	.954	.874
MAX RADIUS	1.535	1.408	1.340
HORIZONTAL SPREAD	2.502	2.502	2.502
VERTICAL SPREAD	2.262	2.262	1.893
EXTREME SPREAD	2.606	2.606	2.546
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

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CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 0

2 in = 7

3 in = 8

HS = 2.586

VS = 1.741

GS = 2.881

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.517	1.399	1.286
MINIMUM X	-1.069	-.900	-.647
MAXIMUM Y	1.033	1.007	.886
MINIMUM Y	-.708	-.734	-.608
CENTROID X	.045	-.124	-.011
CENTROID Y	.011	.037	-.089
POA TO CENTROID in.	.046	.129	.089
MIN RADIUS	.533	.363	.423
MEAN RADIUS	.903	.801	.728
MAX RADIUS	1.535	1.402	1.306
HORIZONTAL SPREAD	2.586	2.299	1.933
VERTICAL SPREAD	1.741	1.741	1.494
EXTREME SPREAD	2.881	2.471	1.994
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	