

C6522169

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: **RE00146520**

Serial: C6522169 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 6/17/2008 9:53:54 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From
Name: DEF DIST DEPOT DEF DIST DEPOT
Address 1: 7 FRANKFORD AVE BLDG 362 7 FRANKFORD AVE BLDG 362
Address 2: PO Box: PO Box:
City: ANNISTON ANNISTON
State: AL Zip Code: 36201 Country: US State: AL Zip Code: 36201 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
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

6/17/2008

10:51 AM

CAPS

NUM

INS

SCRL

start

10 M

My...

4 M

Par...

Ar...

Cre...

My...

10:51 AM

Number: **C6522169**

Model: **M24 SWS**



RE00146520

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

OPERATION #	OPERATION NAME	DATE	INITIAL
R & E NUMBER	146520		
SERIAL NUMBER	C6522169		
LOG-IN DATE	6-17-08		
500	DIS-ASSEMBLE GUN	7-13-09	RTZ
505	RE-BARREL	7-16-09	RTZ
420	ASSEMBLE	7-16-09	RTZ
440	PROOF	7-16-09	RP
460	CHECK HEADSPACE	7-16-09	RP
470	DIS-ASSEMBLE GUN	7-16-09	RP
480	MAGNAFLUX	7-18-09	RP
510	DRILL AND TAP	7-17-09	SP
500	ROLLMARK CALIBER	7-21-09	DWG
520	GOFF BLAST BBL / REC	7-21-09	gms
530 & 540	APPLY COATINGS	7-28-09	-
560	FINAL ASSEMBLY	8-29-09	RTZ
640	FUNCTION TEST AND	8-4-09	RP
650	TARGET	8-4-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-4-09	RP
	A) HEADSPACE	8-17-09	RP
	B) TRIGGER PULL	252 255 258 250 260 8-7-09	RP
680	F) SAFETY ON FORCE	2.2 2.0 2.0 8-17-09	RP
	G) SAFETY OFF FORCE	3.6 3.4 3.0 8-17-09	RP
	I) FIRING PIN INDENT	.025 .025 .025 8-17-09	RP
690	PACK	9-16-09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522169.___0
FILE DATE AND TIME: 08/05/2009 07:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.048
The Average Y Centroid of the Five Target Set:	0.137
The Average Point of Impact of the Five Target Set:	0.145
The Average Mean Radius of the Five Target Set:	0.902
The Distance from POA to Centroid Target #1:	0.281
The Distance from Centroid Target #2 to Centroid Target #1:	0.158
The Distance from Centroid Target #3 to Centroid Target #1:	0.213
The Distance from Centroid Target #4 to Centroid Target #1:	0.323
The Distance from Centroid Target #5 to Centroid Target #1:	0.285

BARBER - M24 0004073

SERIAL NUMBER: C6522169. 0

TARGET NUMBER: 1

FILE DATE: 08/05/2009

FILE TIME: 07:13

POINT#	X	Y
1:	-0.083	2.016
2:	-0.712	0.910
3:	0.046	1.087
4:	0.566	0.464
5:	0.676	0.105
6:	0.208	-0.497
7:	-0.515	-0.675
8:	-0.259	-0.408
9:	-0.463	-0.125
10:	-0.259	-0.181

X CENTROID: -0.080

Y CENTROID: 0.270

POA TO CENTROID: 0.281

HORZ SPREAD: 1.388

VERT SPREAD: 2.691

GROUP SPREAD: 2.725

MIN RADIUS: 0.485

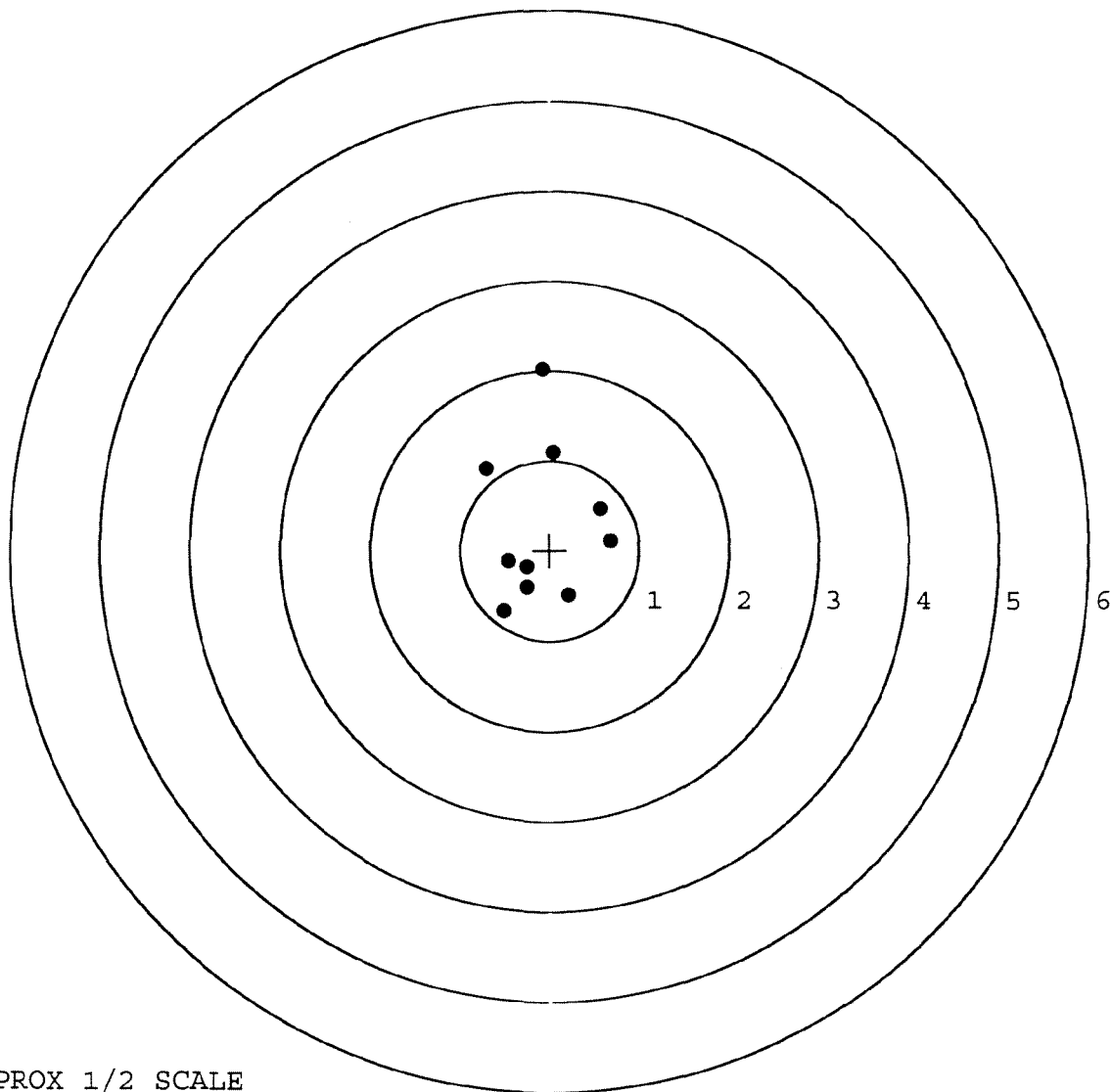
MAX RADIUS: 1.746

MEAN RADIUS: 0.852

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169. 0

TARGET NUMBER: 2

FILE DATE: 08/05/2009

FILE TIME: 07:13

POINT#	X	Y
1:	0.635	1.536
2:	1.171	1.393
3:	-1.105	0.346
4:	-1.032	-1.191
5:	-0.547	-0.560
6:	0.146	-0.710
7:	0.619	-0.145
8:	0.739	0.299
9:	-0.236	0.130
10:	-0.165	0.386

X CENTROID: 0.023

Y CENTROID: 0.148

POA TO CENTROID: 0.150

HORZ SPREAD: 2.276

VERT SPREAD: 2.727

GROUP SPREAD: 3.396

MIN RADIUS: 0.259

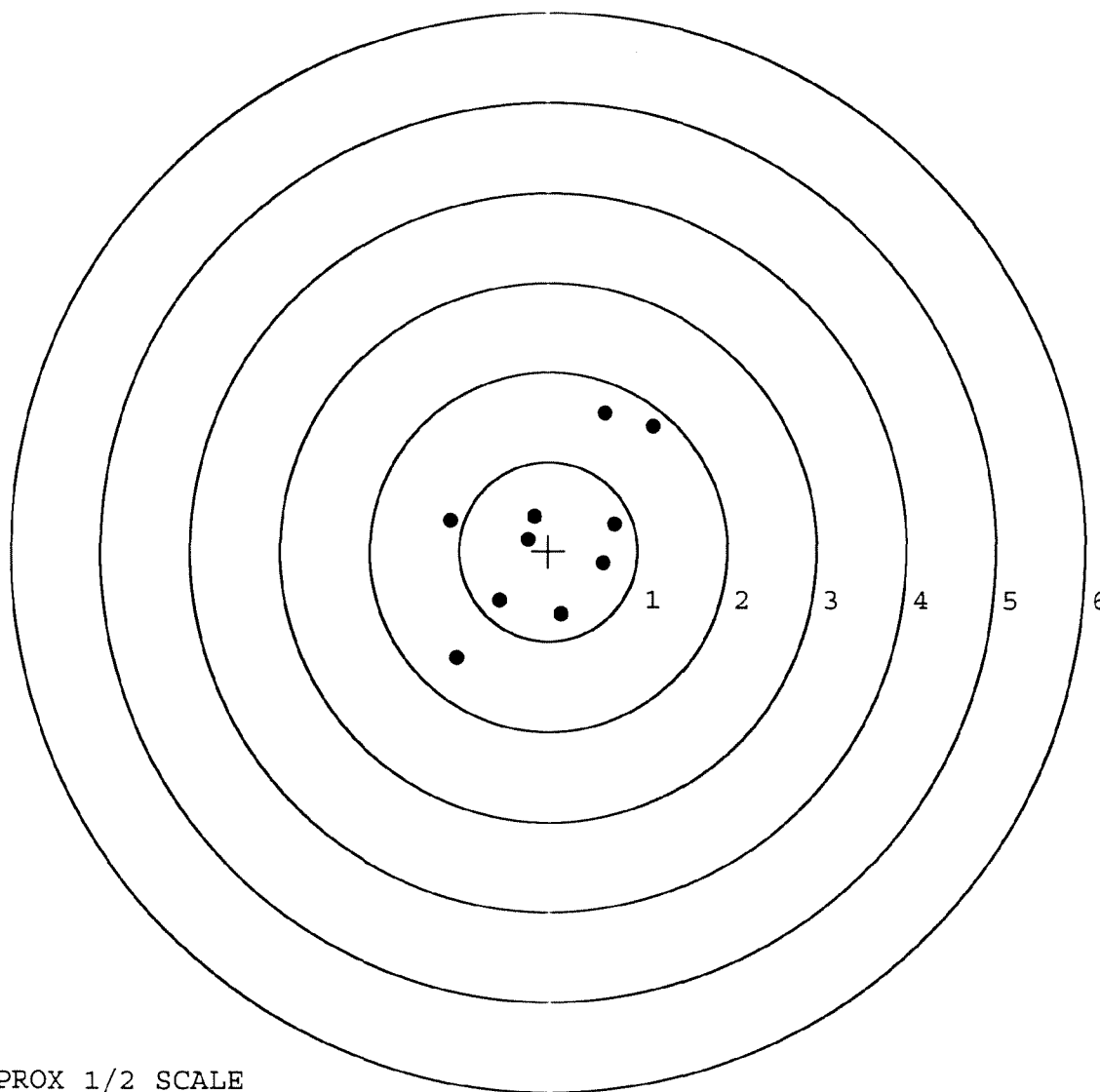
MAX RADIUS: 1.705

MEAN RADIUS: 0.979

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0004075

SERIAL NUMBER: C6522169. __ 0

TARGET NUMBER: 3

FILE DATE: 08/05/2009

FILE TIME: 07:13

POINT#	X	Y
1:	0.315	1.359
2:	1.129	0.382
3:	0.865	-0.718
4:	0.431	-0.394
5:	0.011	-0.755
6:	-0.837	0.837
7:	-0.773	0.442
8:	-0.556	0.184
9:	0.377	0.302
10:	0.113	0.027

X CENTROID: 0.108

Y CENTROID: 0.167

POA TO CENTROID: 0.198

HORZ SPREAD: 1.966

VERT SPREAD: 2.114

GROUP SPREAD: 2.149

MIN RADIUS: 0.140

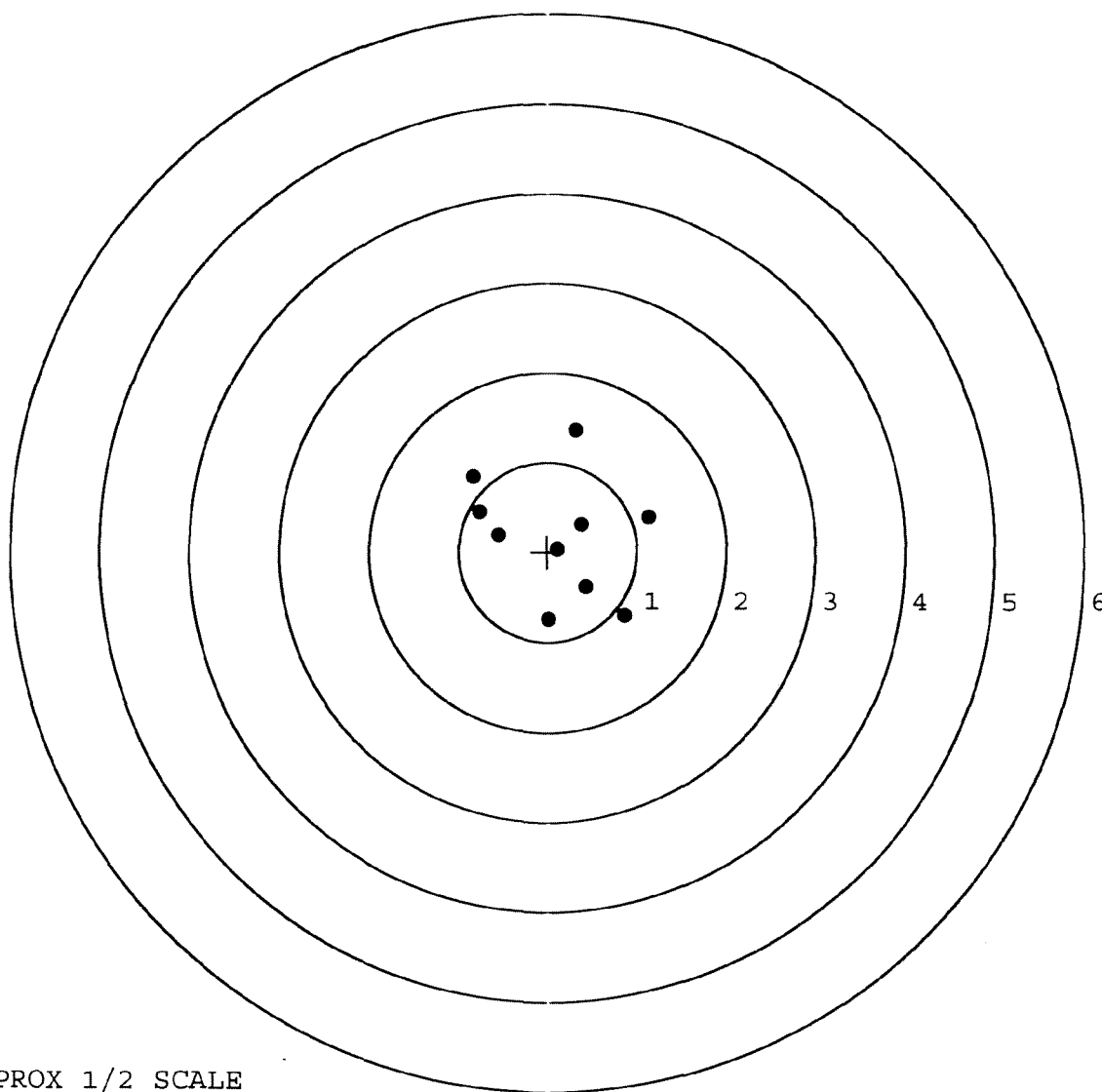
MAX RADIUS: 1.210

MEAN RADIUS: 0.818

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

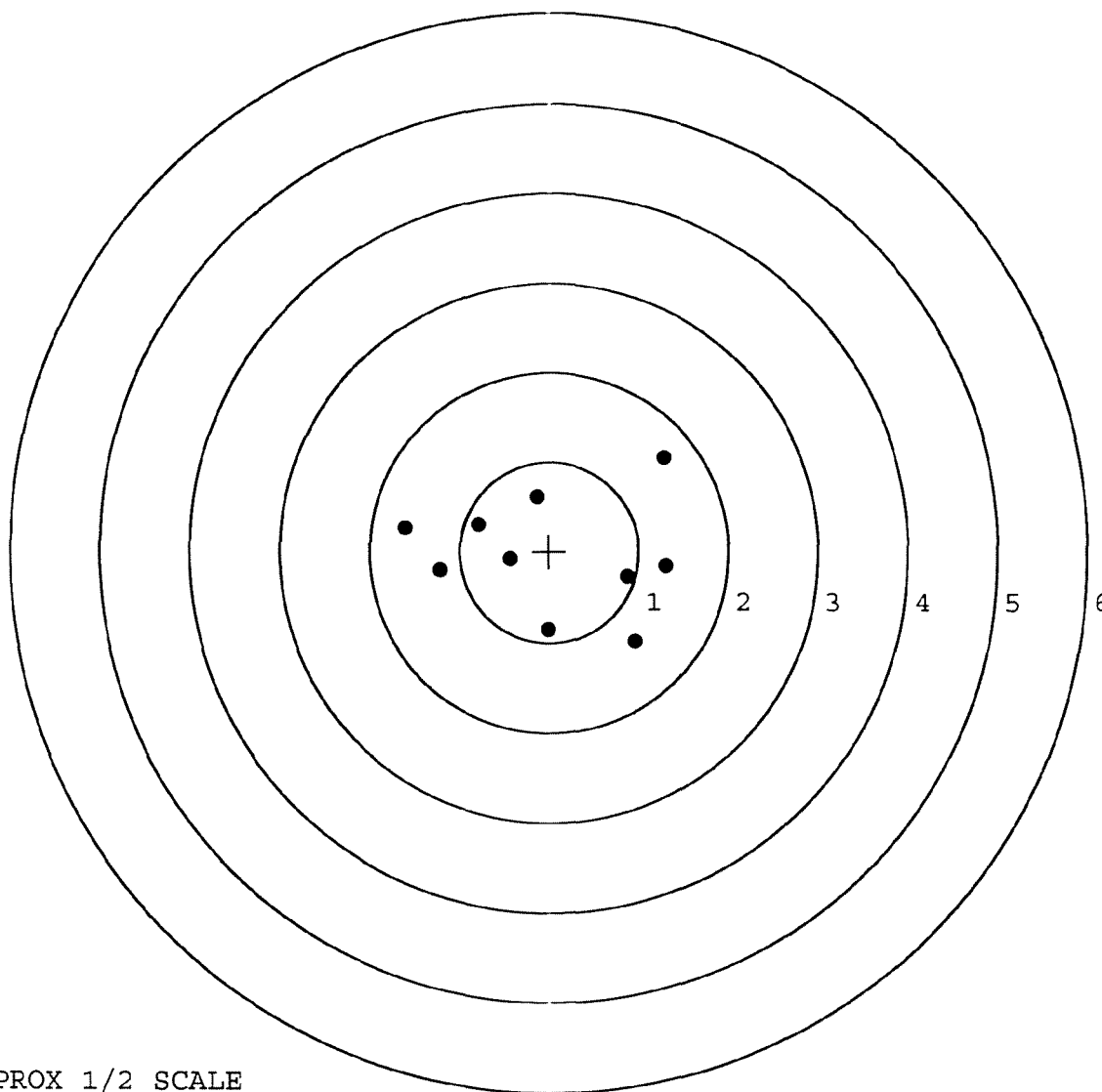
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0004076

SERIAL NUMBER: C6522169. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	-1.611	0.261
FILE DATE: 08/05/2009	2:	-1.217	-0.212
FILE TIME: 07:13	3:	-0.796	0.301
	4:	-0.439	-0.084
X CENTROID: 0.020	5:	-0.139	0.610
Y CENTROID: -0.037	6:	1.285	1.042
POA TO CENTROID: 0.042	7:	1.303	-0.160
HORZ SPREAD: 2.914	8:	0.879	-0.277
VERT SPREAD: 2.032	9:	0.955	-0.990
GROUP SPREAD: 2.999	10:	-0.018	-0.863
MIN RADIUS: 0.462			
MAX RADIUS: 1.663			
MEAN RADIUS: 1.092			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 8			



TARGET APPROX 1/2 SCALE

BARBER - M24 0004077

SERIAL NUMBER: C6522169. __0

TARGET NUMBER: 5

FILE DATE: 08/05/2009

FILE TIME: 07:13

POINT#	X	Y
1:	1.529	0.692
2:	-0.567	1.127
3:	0.526	-1.179
4:	0.169	-0.827
5:	0.006	-0.234
6:	-0.554	0.128
7:	-0.168	0.254
8:	0.362	0.231
9:	0.035	0.404
10:	0.379	0.758

X CENTROID: 0.172

Y CENTROID: 0.135

POA TO CENTROID: 0.219

HORZ SPREAD: 2.096

VERT SPREAD: 2.306

GROUP SPREAD: 2.158

MIN RADIUS: 0.213

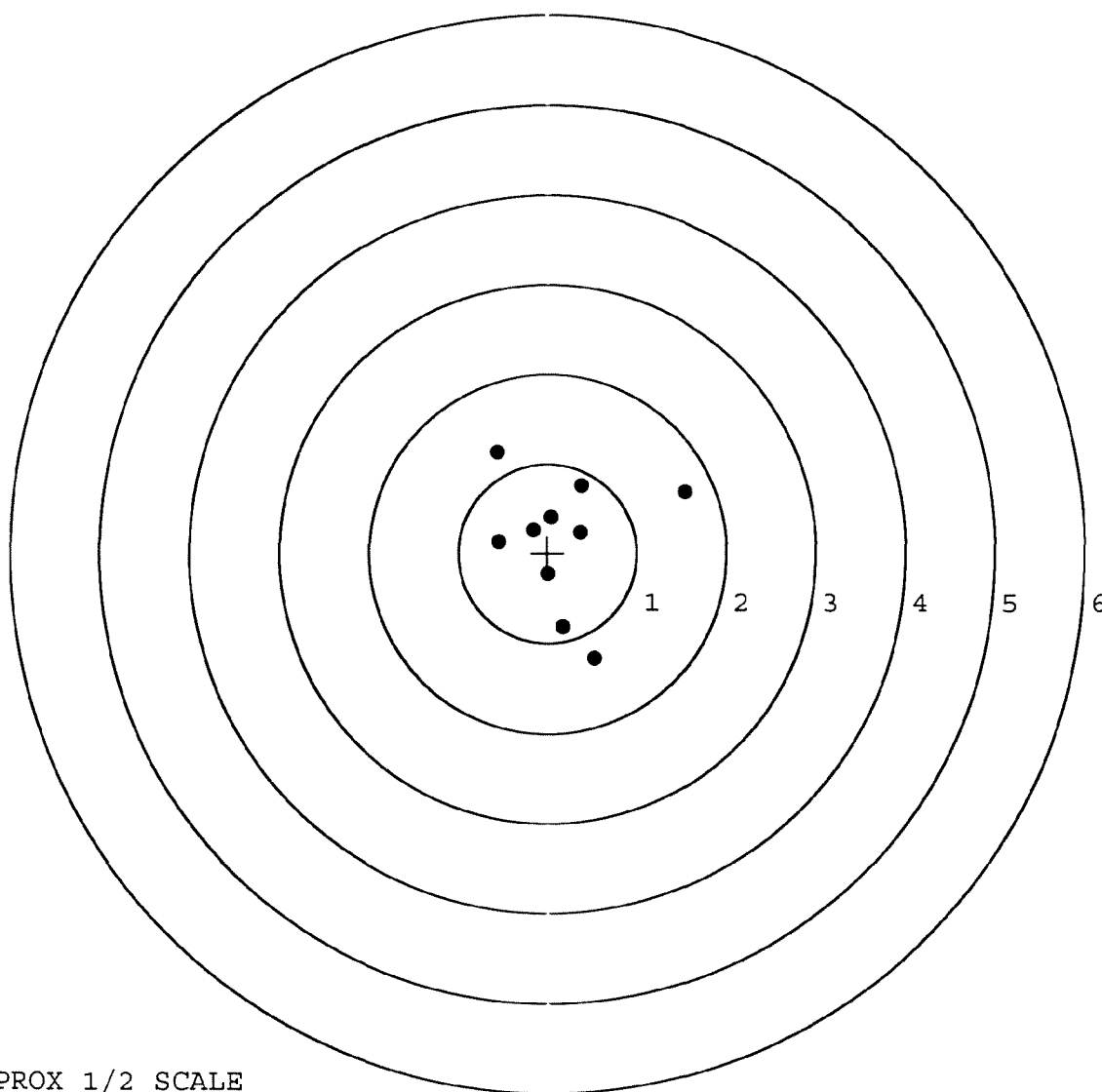
MAX RADIUS: 1.467

MEAN RADIUS: 0.769

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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: **RE00092477** Serial: C6522169 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/18/1990 Repairman: Status: Closed 2/4/2005 9:38:35 AM

Verify Repair

Address Information

Customer: DEF DIST DEPOT ANNISTON Received From: DEF DIST DEPOT ANNISTON Return To: DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: City: ANNISTON State: AL Zip Code: 36201 4199 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

neglet 2/7/2005 11:29 AM CAPS NUM INS SCPL

start 3

Serial Number: **C6522169**

Model: **M24 SWS**



RE00092477

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

DATE

4-4-05

3.00 LBS (plus or minus 0.75 LBS)

TESTER

TRW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.35	2.61		2.28	
PULL #2	2.26	2.63		2.30	
PULL #3	2.29	2.59		2.29	
PULL #4	2.35	2.54		2.25	
PULL #5	2.48	2.46		2.14	
TOTAL	11.73	12.83		11.26	
AVERAGE	2.34	2.56		2.25	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.25		
PULL #2	3.30	3.31		
PULL #3	3.35	3.34		
PULL #4	3.21	3.32		
PULL #5	3.22	3.27		
TOTAL	16.35	16.49		
AVERAGE	3.27	3.29		

	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	4.38	4.38		4.19
PULL #2	4.44	4.38		4.27
PULL #3	4.28	4.38		4.27
PULL #4	4.36	4.41		4.28
PULL #5	4.31	4.35		4.18
TOTAL	21.77	21.90		21.19
AVERAGE	4.35	4.38		4.23

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522169.___0
FILE DATE AND TIME: 05/12/2005 07:13

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.058
The Average Y Centroid of the Five Target Set:	-0.083
The Average Point of Impact of the Five Target Set:	0.101
The Average Mean Radius of the Five Target Set:	0.916
The Distance from POA to Centroid Target #1:	0.170
The Distance from Centroid Target #2 to Centroid Target #1:	0.674
The Distance from Centroid Target #3 to Centroid Target #1:	0.297
The Distance from Centroid Target #4 to Centroid Target #1:	0.086
The Distance from Centroid Target #5 to Centroid Target #1:	0.046

SERIAL NUMBER: C6522169. __0

TARGET NUMBER: 1

FILE DATE: 05/12/2005

FILE TIME: 07:13

POINT#	X	Y
1:	0.535	-1.023
2:	0.653	-0.533
3:	-0.577	-0.521
4:	-0.528	-0.110
5:	-0.203	0.221
6:	0.208	-0.217
7:	0.295	0.108
8:	0.317	0.455
9:	-0.763	1.299
10:	-1.257	1.391

X CENTROID: -0.132

Y CENTROID: 0.107

POA TO CENTROID: 0.170

HORZ SPREAD: 1.910

VERT SPREAD: 2.414

GROUP SPREAD: 3.006

MIN RADIUS: 0.134

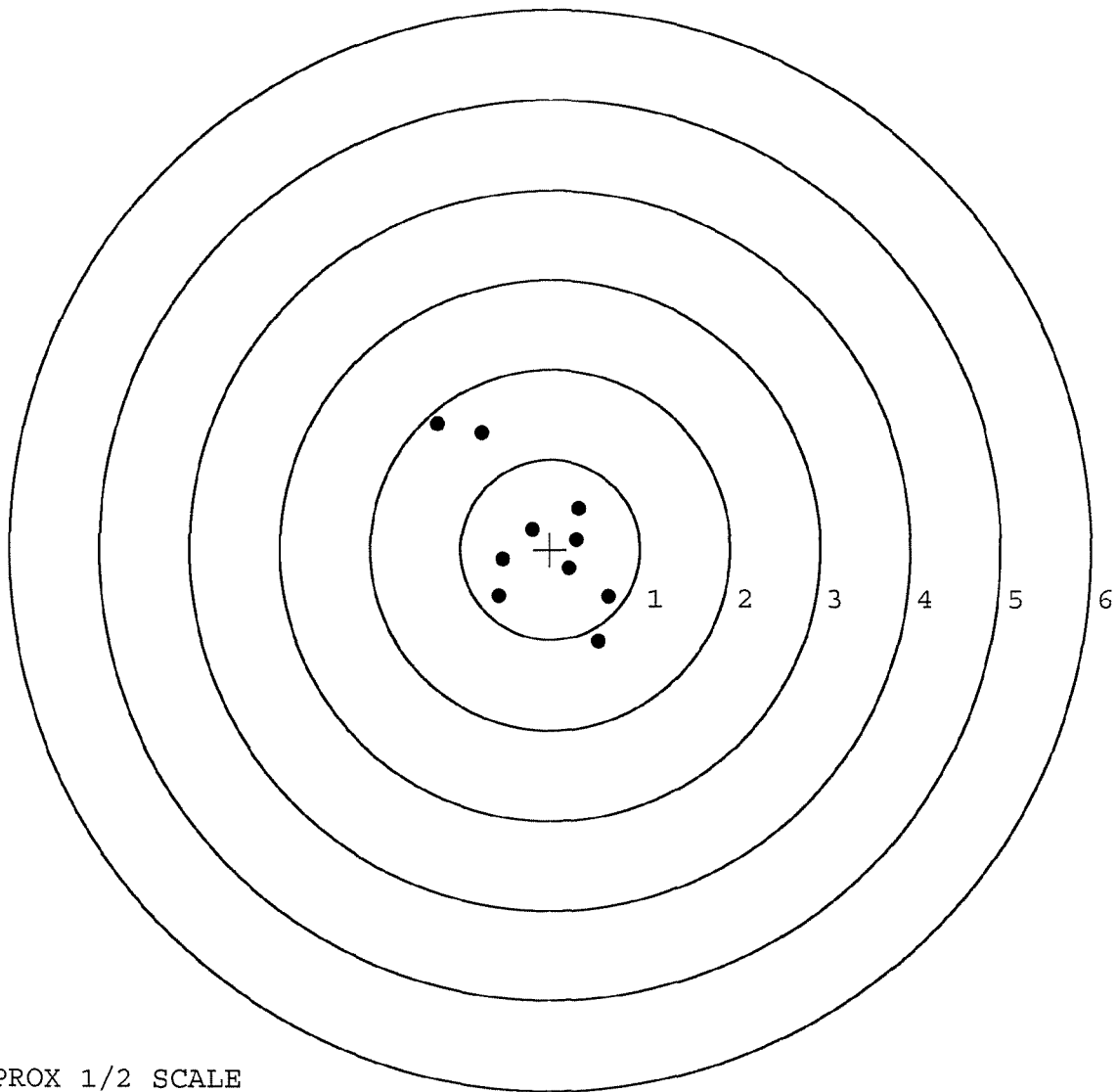
MAX RADIUS: 1.707

MEAN RADIUS: 0.820

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0004082

SERIAL NUMBER: C6522169. 0

TARGET NUMBER: 2

FILE DATE: 05/12/2005

FILE TIME: 07:13

POINT#	X	Y
1:	1.279	-0.562
2:	1.013	0.210
3:	0.607	-0.055
4:	0.145	0.093
5:	-0.123	0.063
6:	-0.440	-0.719
7:	-0.600	-0.388
8:	-0.792	0.068
9:	-1.481	-1.420
10:	1.075	-2.652

X CENTROID: 0.068

Y CENTROID: -0.536

POA TO CENTROID: 0.541

HORZ SPREAD: 2.760

VERT SPREAD: 2.862

GROUP SPREAD: 3.299

MIN RADIUS: 0.540

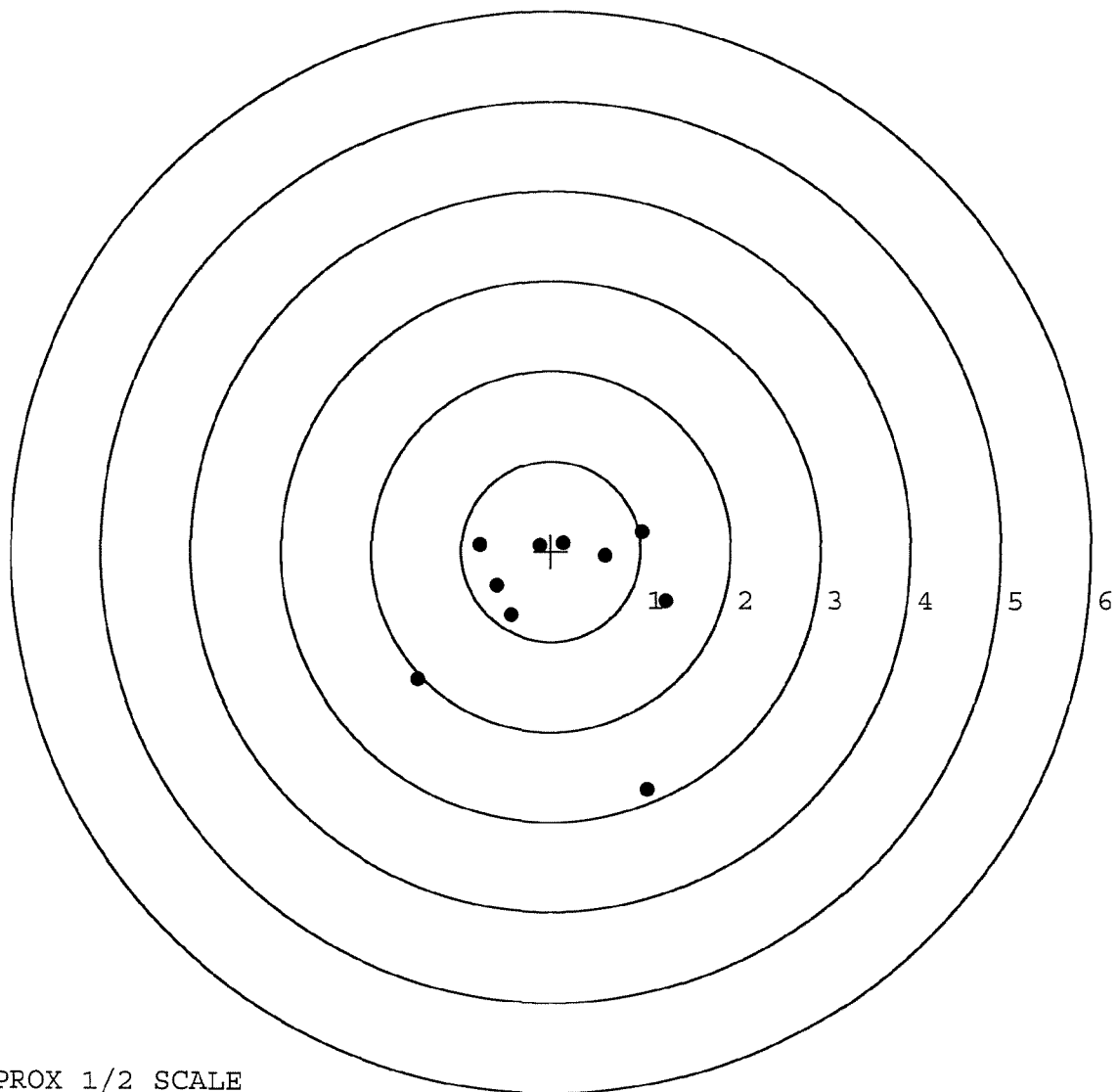
MAX RADIUS: 2.343

MEAN RADIUS: 1.080

IN 1 IN DIAMETER: 0

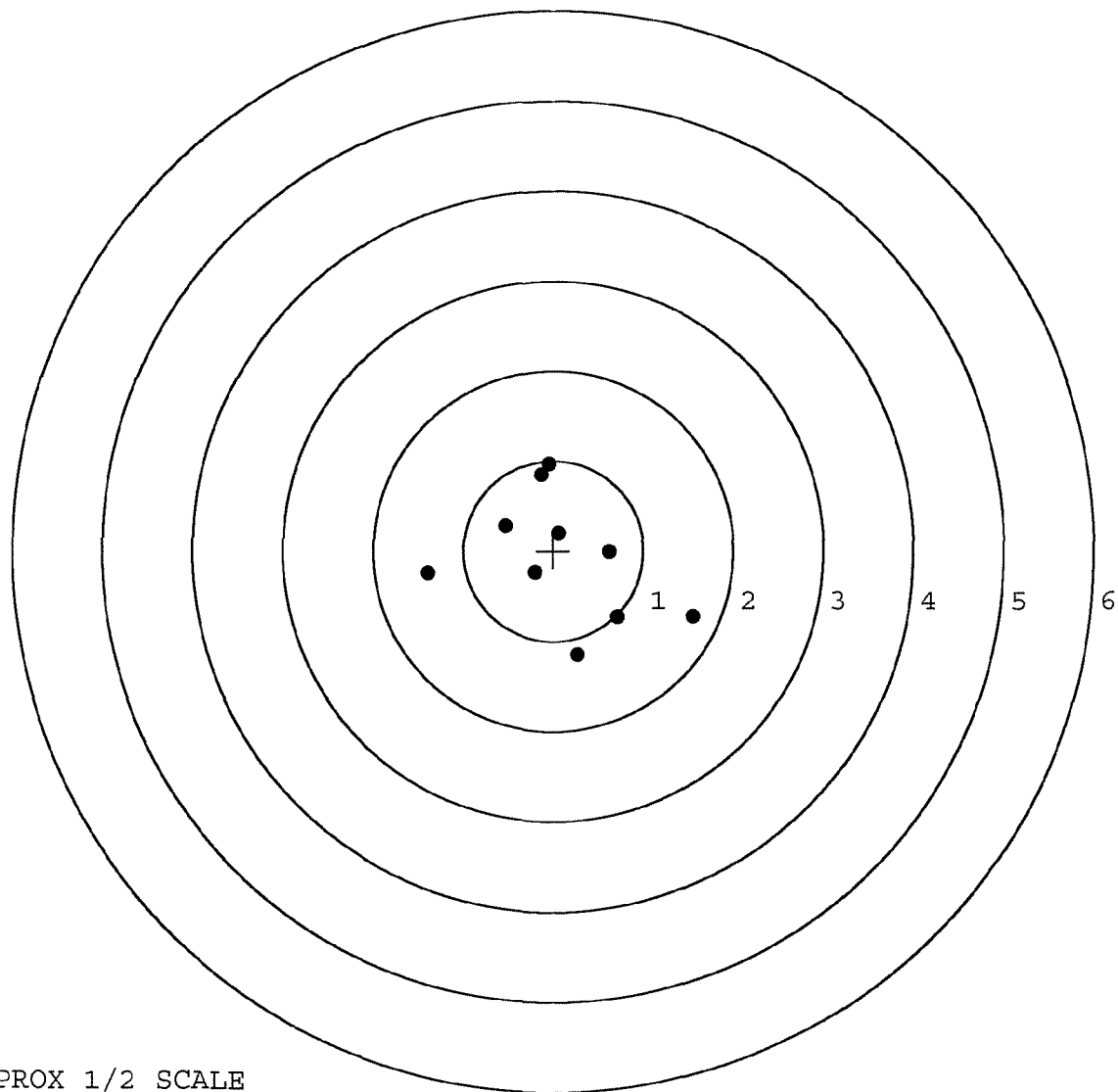
IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169. 0	POINT#	X	Y
TARGET NUMBER: 3	1:	1.553	-0.732
FILE DATE: 05/12/2005	2:	0.719	-0.739
FILE TIME: 07:13	3:	0.272	-1.158
	4:	0.630	-0.016
X CENTROID: 0.093	5:	0.066	0.197
Y CENTROID: -0.087	6:	-0.204	-0.242
POA TO CENTROID: 0.127	7:	-0.535	0.271
HORZ SPREAD: 2.940	8:	-0.135	0.841
VERT SPREAD: 2.119	9:	-0.048	0.961
GROUP SPREAD: 2.979	10:	-1.387	-0.251
MIN RADIUS: 0.285			
MAX RADIUS: 1.596			
MEAN RADIUS: 0.897			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			

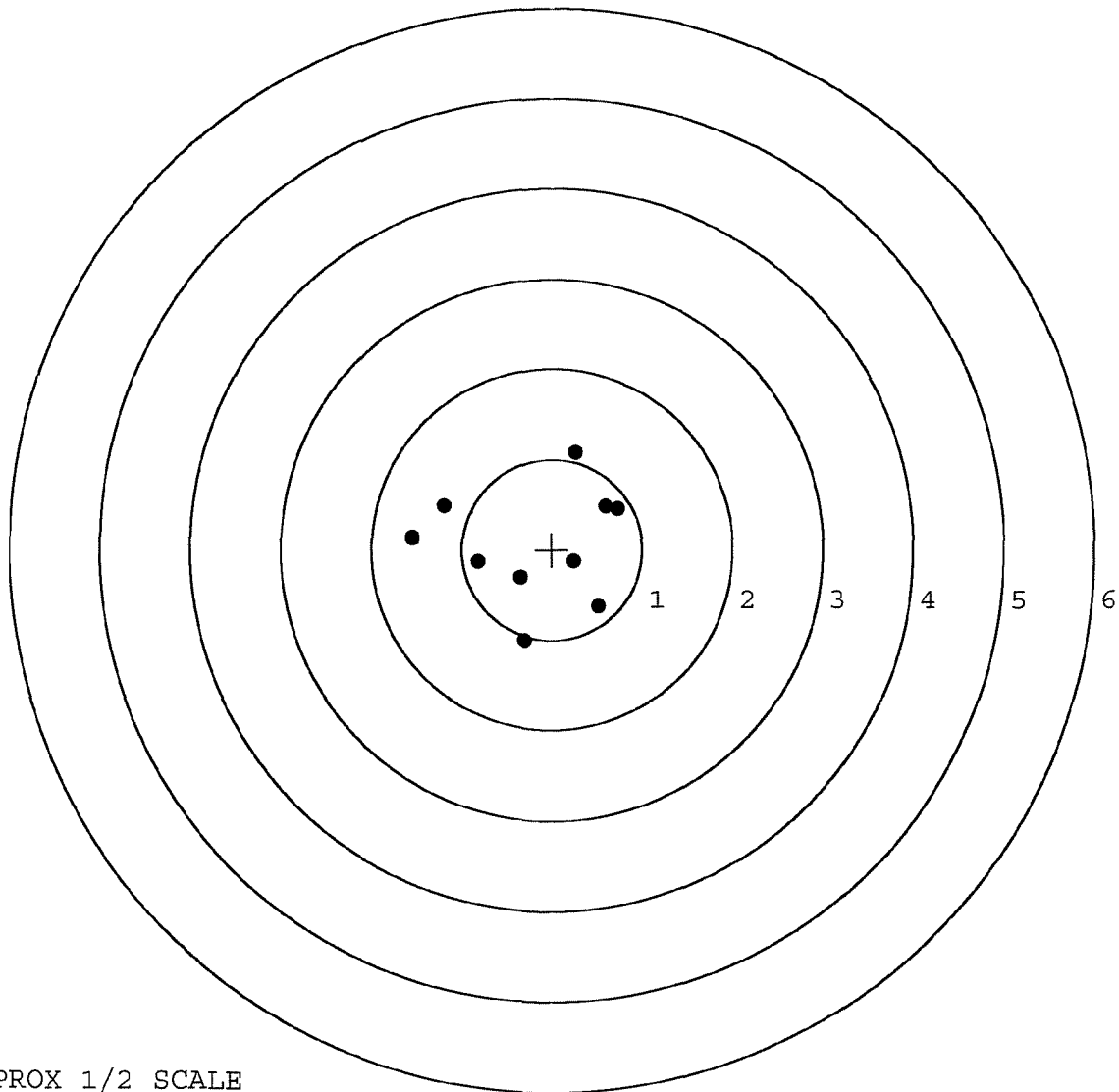


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169. __0
 TARGET NUMBER: 4
 FILE DATE: 05/12/2005
 FILE TIME: 07:13

POINT#	X	Y
1:	-0.309	-1.013
2:	-0.347	-0.313
3:	-0.825	-0.137
4:	-1.549	0.139
5:	-1.195	0.487
6:	0.514	-0.631
7:	0.240	-0.132
8:	0.729	0.457
9:	0.599	0.484
10:	0.266	1.077

X CENTROID: -0.188
 Y CENTROID: 0.042
 POA TO CENTROID: 0.192
 HORZ SPREAD: 2.278
 VERT SPREAD: 2.090
 GROUP SPREAD: 2.300
 MIN RADIUS: 0.389
 MAX RADIUS: 1.365
 MEAN RADIUS: 0.905
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

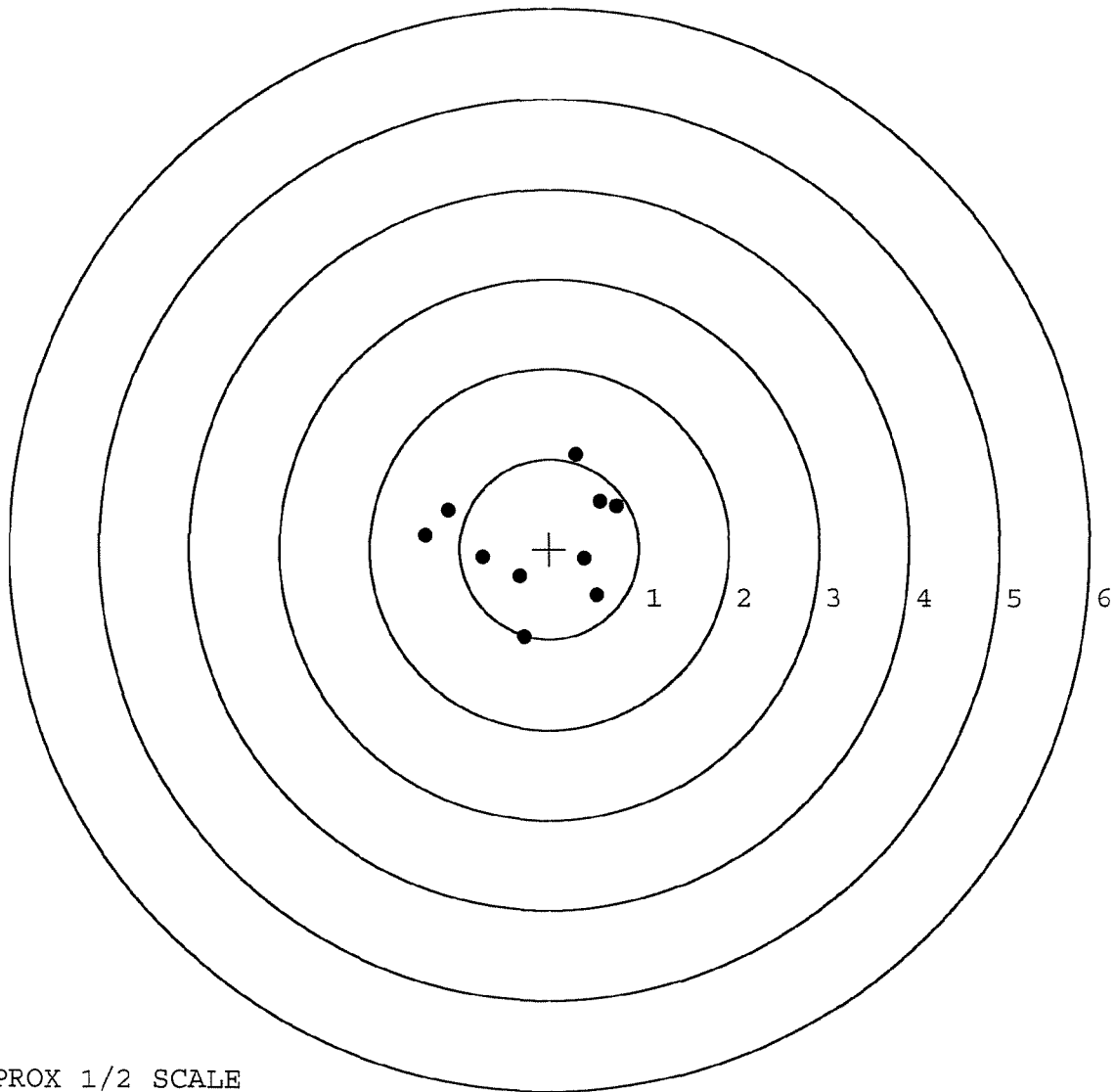


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522169. 0
 TARGET NUMBER: 5
 FILE DATE: 05/12/2005
 FILE TIME: 07:13

POINT#	X	Y
1:	0.533	-0.522
2:	0.393	-0.112
3:	-0.281	-0.984
4:	-0.327	-0.315
5:	-0.745	-0.098
6:	-1.380	0.148
7:	-1.131	0.431
8:	0.752	0.478
9:	0.560	0.529
10:	0.297	1.052

X CENTROID: -0.133
 Y CENTROID: 0.061
 POA TO CENTROID: 0.146
 HORZ SPREAD: 2.132
 VERT SPREAD: 2.036
 GROUP SPREAD: 2.157
 MIN RADIUS: 0.423
 MAX RADIUS: 1.250
 MEAN RADIUS: 0.876
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	92477		
SERIAL NUMBER	C6522169		
LOG-IN DATE	2-4-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-05	RTZ
560 A	RE-BARREL	4-7-05	RTZ
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTZ
600	PROOF	4-8-05	AC
605	CHECK HEADSPACE	4-8-05	AC
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	OPERATOR	BS
615	ROLLMARK CALIBER	4-12-05	CW
618	ROTO-BLAST	4-18-05	LB
620	APPLY COATINGS	4-25-05	WS
625 A	FINAL ASSEMBLY	5-10-05	RTZ
B	TRIGGER PULL TEST	5-17-05	TRW
C	SAFETY "ON" FORCE	5-26-05	AC
D	SAFETY "OFF" FORCE	5-26-05	AC
E	FIRING PIN INDENT	5-26-05	AC
640	TARGET	5-12-05	TRW
655	FINAL INSPECT	5-26-05	AC
660	PACK	7-6-05	DA
		SHIP DATE	
QAR INSPECTION DATE			

Scope S/N 91-1368

BBL - 9603
Extractor - 91816

BARBER - M24 0004088

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6522169

9 Jun 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0646

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2106

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .220285

THE AMR FOR THIS RIFLE IS: 1.211

CENTROIDAL DISTANCES

Ø TO	1	.510819
1 TO	2	.355124
1 TO	3	.845204
1 TO	4	1.03921
1 TO	5	.565191

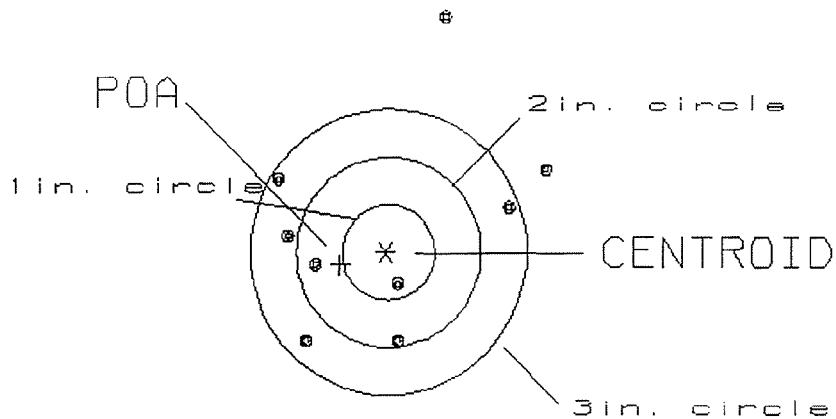
 + 2 1
 5 <----POA
 3
 4

PATTERN #: 1
 POA TO CENTROID: .511
 MIN RADIUS : .338
 MEAN RADIUS : 1.428
 MAX RADIUS : 2.579
 CENTROID X : .494
 CENTROID Y : .130

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522169

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.98
 VS= 4.95
 GS= 4.97

1
 3
 7

BARBER - M24 0004090

REMINGTON CENTERFIRE ACCURACY TEST

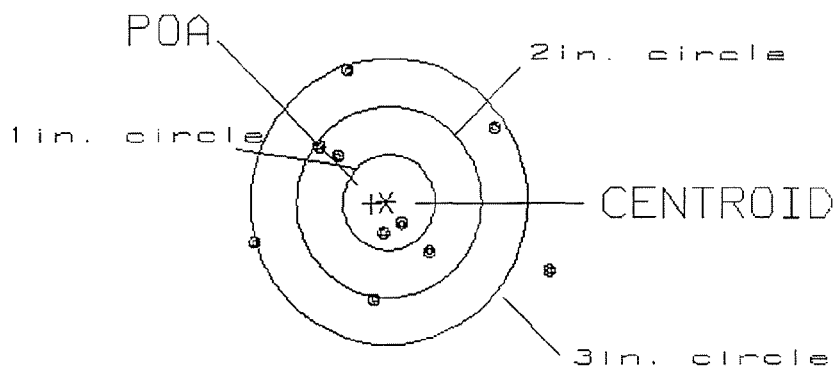
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID: .158
MIN RADIUS : .234
MEAN RADIUS : 1.037
MAX RADIUS : 1.938
CENTROID X : .157
CENTROID Y : .018

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522169

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 3.29

2

VS= 2.44

5

GS= 3.30

8

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .392

MIN RADIUS : .205

MEAN RADIUS : 1.068

MAX RADIUS : 2.220

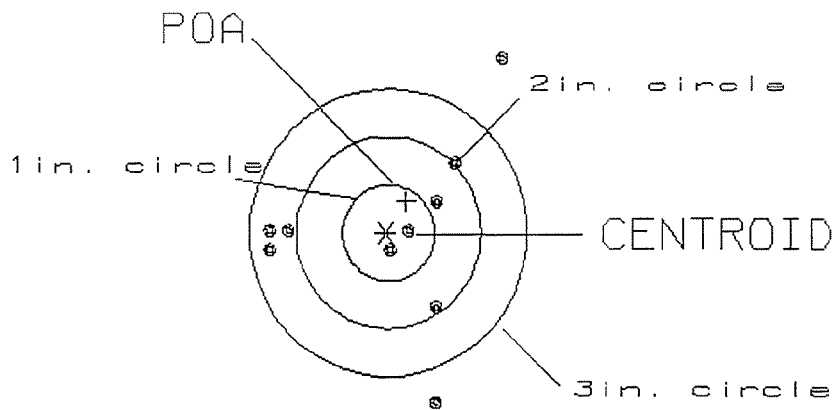
CENTROID X : -.217

CENTROID Y : -.327

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522169

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.50

2

VS= 3.62

5

GS= 3.69

8

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .715

MIN RADIUS : .270

MEAN RADIUS : 1.424

MAX RADIUS : 2.572

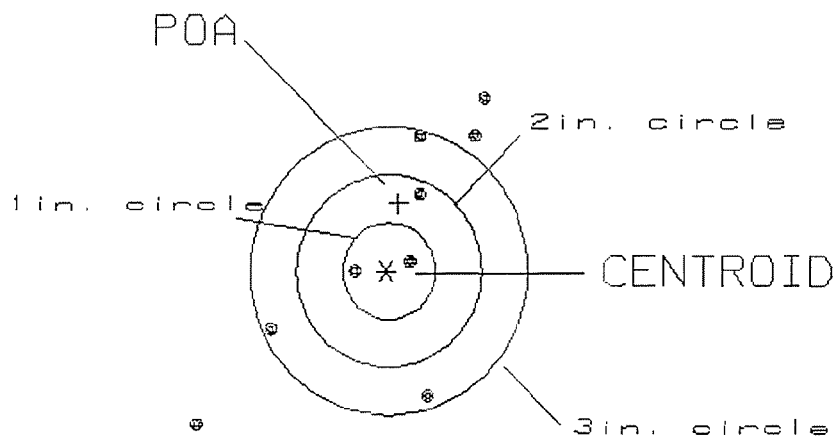
CENTROID X : -.126

CENTROID Y : -.704

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522169

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.06

2

VS= 4.01

3

GS= 4.57

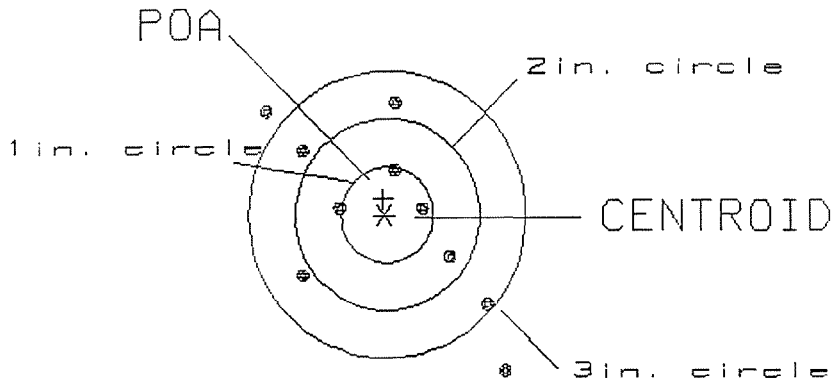
6

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .170
 MIN RADIUS : .432
 MEAN RADIUS : 1.099
 MAX RADIUS : 2.123
 CENTROID X : .015
 CENTROID Y : -.170

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522169

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.66
 VS= 2.86
 GS= 3.85

3
 4
 8

FINAL Inspection

Sn: C6522169

DATE REC'D: 3-20-00

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:

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER		0000 7070	
SERIAL NUMBER		C/522169	
LOG-IN DATE		7-20-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-6-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	4-24-00	RW
605	CHECK HEADSPACE	4-24-00	RW
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		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-8-00	RW
655	FINAL INSPECT	6-12-00	RW
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

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

Remington®
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6522169

ORDER NO.
5716

Ø1

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off; Marca Registrada Marques Deposees.

5716 C6522169

UPC

0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522169

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24	90	RW
600	Proof	9 24	90	RW
607	Check Headspace	9 24	90	RW
610	Dis-assemble Gun	9 24	90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	KR
615	Rollmark Caliber		9-25-90	AB
617	Drill and Tap Sight Holes		9-25-90	F.B.
618	Polish Barrel AB		9/25/90	AB
620	Apply Coatings (Barrel Action)		10-2-90	AB
	Apply Coating (Bolt)		10-2-90	AB
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/19/90	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 nt.	F) Safety On Force	4 1/2	4 1/2	4 1/2			10/24/90	W/B
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			10/24/90	W/B
	H) Trigger Pull Test & Retainability						10/19/90	JH
	I) Firing Pin Indent	.0215	.022	.0215			10/24/90	W/B
	J) Assemble Stock						10/29/90	RW
	K) Assemble Swivel Studs						3/18/90	JH
	L) Attach Front and Rear Sight Assemblies						10/29/90	RW
	M) Iron Sight Alignment						10/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/29/90	RW
	O) Attach Scope to Rifle						10/29/90	RW
	P) Detach & Attach Scope 20 Times						10/29/90	RW
640	Gallery Target & Test						10-30-90	DH
	A) Time						10-30-90	DH
	B) Malfunctions						10-30-90	DH
	C) Pierced Primers						10-30-90	DH
	D) Optical Clarity of Scope						10-30-90	DH
645	Inspect for Live Ammo						10-30-90	DH
655	Final Inspection							
	A) Headspace						3/18/90	JH
	B) Trigger Pull	212	216	219	216	210	3/18/90	JH
	C) Function						3/18/90	JH
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. C.6522169

DATE 10/19/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.46	2.21	2.40	2.12	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.32	2.47	2.16	
PULL #3	2.49	2.29	2.44	2.19	
PULL #4	2.30	2.50	2.50	2.16	
PULL #5	2.45	2.38	2.50	2.10	
TOTAL	12.16	11.70	12.31		
AVG.	2.432	2.34	2.462		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.23		
PULL #2	3.20	3.28		
PULL #3	3.23	3.20		
PULL #4	3.26	3.21		
PULL #5	3.16	3.23		
TOTAL	16.1	16.15		
AVG.	3.22	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.20		4.21
PULL #2	4.15	4.23		4.19
PULL #3	4.41	4.21		4.17
PULL #4	4.29	4.23		4.20
PULL #5	4.25	4.22		4.19
TOTAL	21.43	21.09		20.96
AVG.	4.286	4.218		4.192

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522169
30 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.206495
1 TO	2	.451701
1 TO	3	.552548
1 TO	4	.194288
1 TO	5	.503438

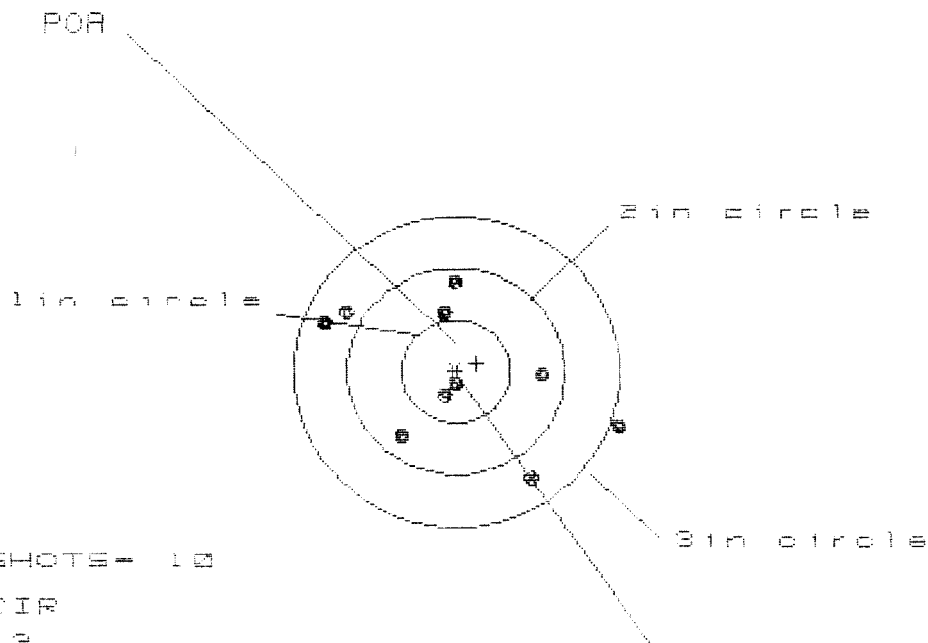
$\frac{2}{143}$ (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1088
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .8388
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .113821
THE AMR FOR THIS RIFLE IS: .9148

30 Oct 1980

FILE:/PATTERNING/CENTERFIRE_PATT/08522189

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.748

VS = 1.919

GS = 2.910

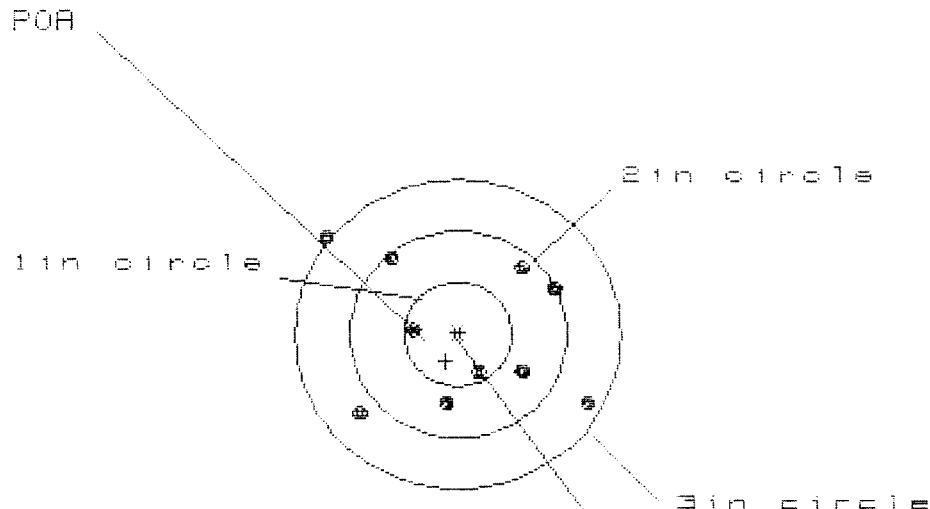
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.519	.939	.807
MINIMUM X	-1.229	-1.060	-.961
MAXIMUM Y	.911	.856	.908
MINIMUM Y	-1.008	-1.063	-1.011
CENTROID X	-.192	-.361	-.220
CENTROID Y	-.076	-.021	-.073
POA TO CENTROID in.	.207	.362	.240
MIN RADIUS	.152	.251	.154
MEAN RADIUS	.872	.789	.736
MAX RADIUS	1.596	1.372	1.250
HORIZONTAL SPREAD	2.748	1.999	1.768
VERTICAL SPREAD	1.919	1.919	1.919
EXTREME SPREAD	2.910	2.427	2.321
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522169

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.408

VS = 1.640

GS = 2.876

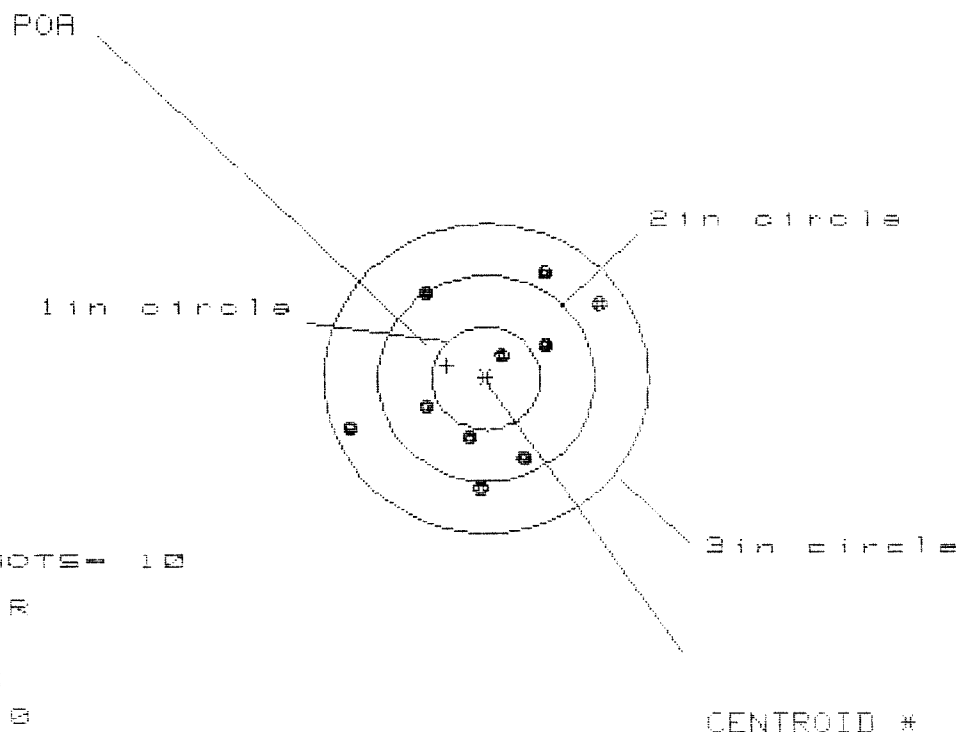
CENTROID #

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.195	1.060	.844
MINIMUM X	-1.213	-1.090	-.957
MAXIMUM Y	.911	.854	.784
MINIMUM Y	-.729	-.627	-.697
CENTROID X	.111	.246	.113
CENTROID Y	.259	.157	.227
POA TO CENTROID in.	.281	.292	.254
MIN RADIUS	.367	.265	.369
MEAN RADIUS	.898	.807	.759
MAX RADIUS	1.517	1.257	1.184
HORIZONTAL SPREAD	2.408	2.150	1.801
VERTICAL SPREAD	1.640	1.481	1.481
EXTREME SPREAD	2.876	2.328	2.121
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522169

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.354

VS = 2.056

CS = 2.644

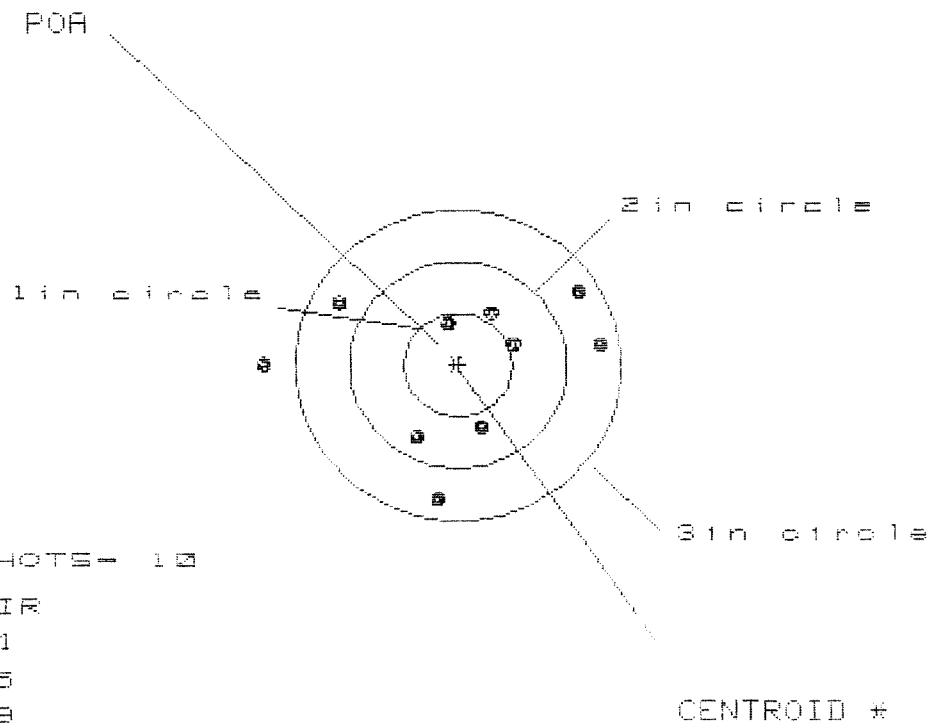
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.071	.929	.513
MINIMUM X	-1.283	-.715	-.599
MAXIMUM Y	.986	.934	1.019
MINIMUM Y	-1.070	-1.122	-1.037
CENTROID X	.358	.500	.384
CENTROID Y	-.129	-.077	-.162
POA TO CENTROID in.	.381	.506	.417
MIN RADIUS	.301	.196	.315
MEAN RADIUS	.880	.811	.765
MAX RADIUS	1.367	1.151	1.141
HORIZONTAL SPREAD	2.354	1.644	1.112
VERTICAL SPREAD	2.056	2.056	2.056
EXTREME SPREAD	2.644	2.150	2.150
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

30 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522163

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 3.102

VS = 1.926

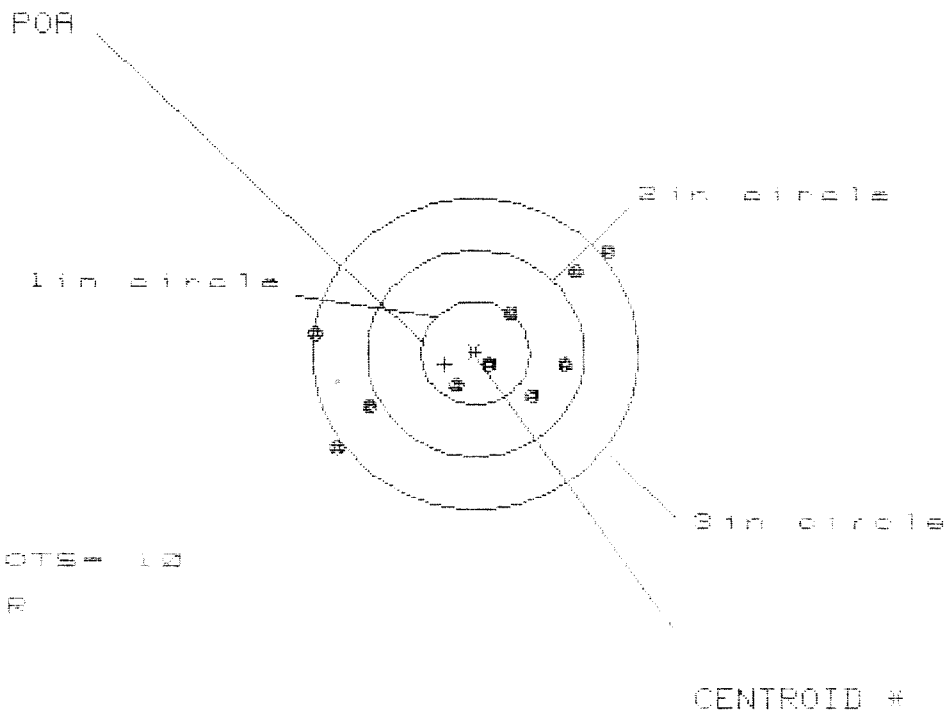
CS = 3.102

PATTERN #	:	4
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.345
MINIMUM X	:	-1.758
MAXIMUM Y	:	.674
MINIMUM Y	:	-1.252
CENTROID X	:	-.010
CENTROID Y	:	-.008
POA TO CENTROID in.	:	.013
MIN RADIUS	:	.377
MEAN RADIUS	:	.990
MAX RADIUS	:	1.758
HORIZONTAL SPREAD	:	3.103
VERTICAL SPREAD	:	1.926
EXTREME SPREAD	:	3.108
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	5
NUMBER IN THREE INCH CIRCLE	=	9

30 Oct 1998

FILE:\PATTERNING\CENTERFIRE_PATT\CS522189

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS = 2.700

VS = 1.906

QS = 3.146

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.234
MINIMUM X	-1.466
MAXIMUM Y	.986
MINIMUM Y	-.920
CENTROID X	.277
CENTROID Y	.107
POA TO CENTROID in.	.297
MIN RADIUS	.130
MEAN RADIUS	.934
MAC RADIUS	1.579
HORIZONTAL SPREAD	2.700
VERTICAL SPREAD	1.906
EXTREME SPREAD	3.146
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	8

BARBER M24 0004106 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 98-22144

INITIAL
JJM

CUSTOMER ORDER NO.

W/BI-POD

DATE RECEIVED
10/25/98

DATE OPENED
10/26/98

DATE CODE
DK 9-90

SERIAL NUMBER
C6522169

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

W/SWIVELS

SCOPE BASE

Scope # 91-1368

FROM:

SHIP TO:

COMMANDER
UNCSB-JSA ATTN S-4
UNIT 15162
APO AP

CA 96251

COMMANDER
UNCSB-JSA ATTN S-4
UNIT 15162
APO AP

CA 96251

CUST NO:183167 C.O.D

ACCOUNT NUMBER

2293001

ACCOUNT NUMBER N/C

WRITE

☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

~~OK~~ ~~FAIR~~

KORGA

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			F1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E2	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

96040 - Scope

96082 - Scope Ring Assy.

Zeroed Scope for 200 yds

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD9925 REV. 7/87

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0004106 04145

SNIPER, RIFLE.

UNCSB. JSA - JSF
UNIT # 15162
APO, AP 96251-0417

DEPARTMENT OF THE ARMY
Commander
UNCSB-ISA, ATTN: S4
UNIT -15162
APO AP-96251-0417
OFFICIAL BUSINESS

DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.

REMINGTON ARMS COMPANY, INC.
ATTN: FABRICATED PRODUCTS DEPT.
14 HOEFLER AVENUE
ILION, NEW YORK 13357-1816