

C6587560

MODEL 700TM M24

Model **SWS**TM

Action

Barrel Length

Capacity

Order No. **5715**

*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: RE00149055

Serial: C6587560 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 8/11/2008 7:44:08 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: INFANTRY BATTALION

INFANTRY BATTALION

Address 1: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 2: BOX 339504 MS 81

PO Box:

BOX 339504 MS 81

PO Box:

City: FORT LEWIS

FORT LEWIS

State: WA

Zip Code: 98433

Country: US

State: WA

Zip Code: 98433

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
A006	Sling Strap	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A055	Deployment Kit	1
D000	SCOPE CASE W/IR	1

Repair Search

Refresh

Close

maglet

8/11/2008

7:55 AM

CAPS

NUM

INS

SCRL

Serial
Number:

C6587560

Model: M24 SWS



RE00149055

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

R & E NUMBER 149055
 SERIAL NUMBER C6587560
 LOG-IN DATE 8-11-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-27-08	RTZ
505	RE-BARREL	8-28-08	RTZ
560	ASSEMBLE	8-28-08	RTZ
600	PROOF	8-28-08	L.A.D.
605	CHECK HEADSPACE	8-28-08	L.A.D.
610	DIS-ASSEMBLE GUN	8-28-08	L.A.D.
612	MAGNAFLUX	9-2-08	BAT
510	DRILL AND TAP	8-29-08	SP
615	ROLLMARK CALIBER	8/3/08	RT
618	ROTO-BLAST	9/3/08	DG
620	APPLY COATINGS	9-8	W
625	FINAL ASSEMBLY	9-9-08	RTZ
640	FUNCTION TEST AND	9-11-08	TRW
650	TARGET	9-10-08	TRW
	MALFUNCTION <i>CH over live rds</i> <i>BAC</i>	9-11-08	TRW
	MALFUNCTION		
	MALFUNCTION		
	MALFUNCTION		
670	FINAL INSPECTION A) HEADSPACE	9-11-08	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.82 2.72 2.72 2.72 2.75 9-11-08	PSIV
	C) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	70 70 70 9-11-08	RTZ
	D) SAFETY OFF FORCE 2 LBS MIN	250 250 250 9-11-08	RTZ
	E) FIRING PIN INDENT .020	021 021 021 9-11-08	RTZ
690	PACK	9/17/08	FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587560.___0
FILE DATE AND TIME: 09/10/2008 14:14

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.111
The Average Y Centroid of the Five Target Set:	0.082
The Average Point of Impact of the Five Target Set:	0.138
The Average Mean Radius of the Five Target Set:	0.653
The Distance from POA to Centroid Target #1:	0.270
The Distance from Centroid Target #2 to Centroid Target #1:	0.361
The Distance from Centroid Target #3 to Centroid Target #1:	0.138
The Distance from Centroid Target #4 to Centroid Target #1:	0.073
The Distance from Centroid Target #5 to Centroid Target #1:	0.346

SERIAL NUMBER: C6587560. __0

TARGET NUMBER: 1

FILE DATE: 09/10/2008

FILE TIME: 14:14

POINT#	X	Y
1:	-0.450	-0.977
2:	0.170	-0.567
3:	0.386	-0.205
4:	0.396	0.154
5:	-0.027	0.360
6:	-0.295	0.066
7:	-0.800	0.102
8:	1.408	0.144
9:	0.424	0.560
10:	0.548	0.986
11:	0.083	1.707

X CENTROID: 0.168

Y CENTROID: 0.212

POA TO CENTROID: 0.270

HORZ SPREAD: 2.208

VERT SPREAD: 2.684

GROUP SPREAD: 2.736

MIN RADIUS: 0.236

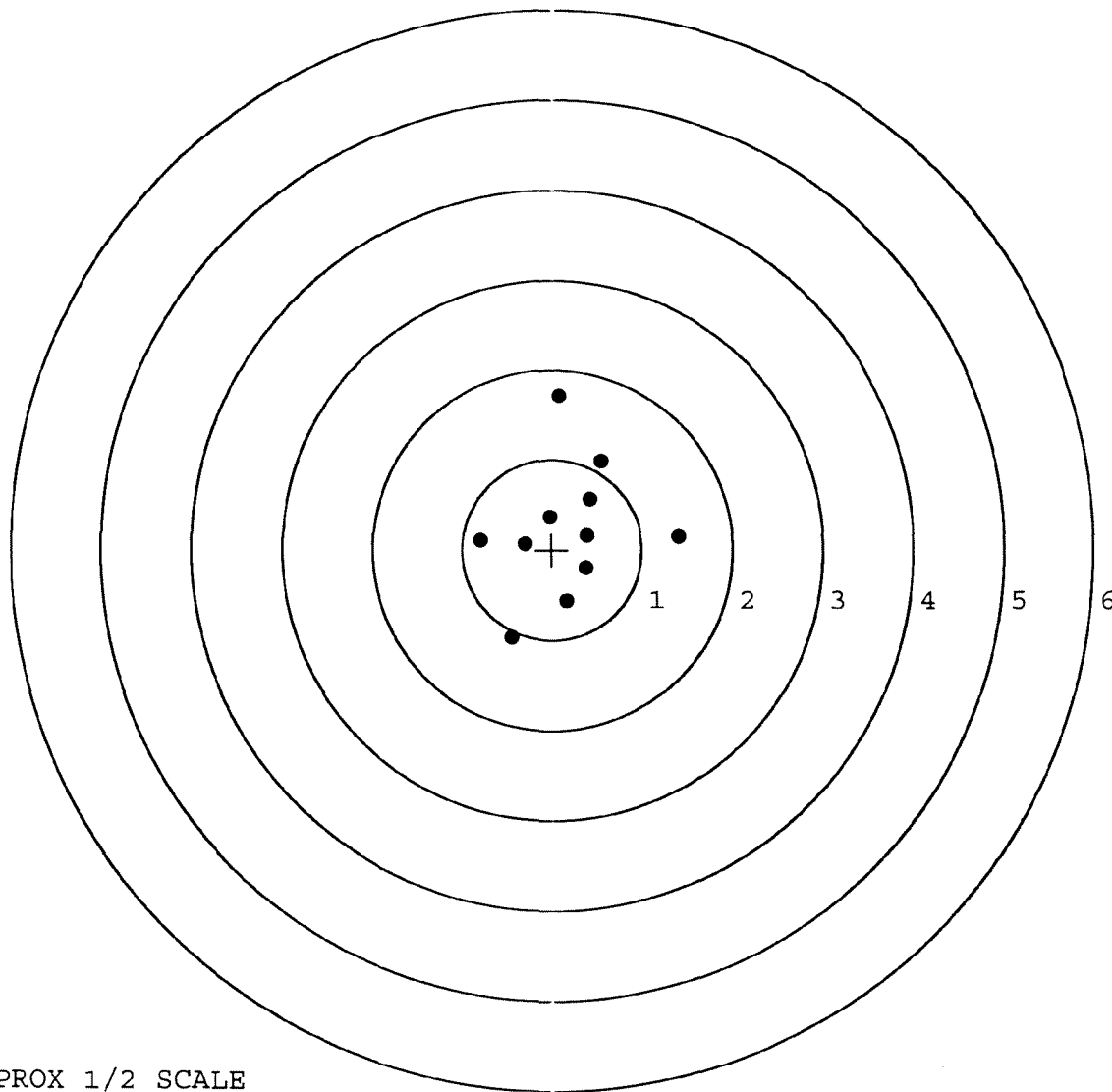
MAX RADIUS: 1.498

MEAN RADIUS: 0.778

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 11



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587560. __0

TARGET NUMBER: 2

FILE DATE: 09/10/2008

FILE TIME: 14:14

POINT#	X	Y
1:	0.021	-0.423
2:	-0.251	-0.442
3:	-0.435	-0.319
4:	-1.111	-0.646
5:	0.535	0.166
6:	0.245	0.102
7:	-0.259	0.184
8:	-0.516	0.794
9:	0.248	0.657
10:	0.024	0.324

X CENTROID: -0.150

Y CENTROID: 0.040

POA TO CENTROID: 0.155

HORZ SPREAD: 1.646

VERT SPREAD: 1.440

GROUP SPREAD: 1.883

MIN RADIUS: 0.181

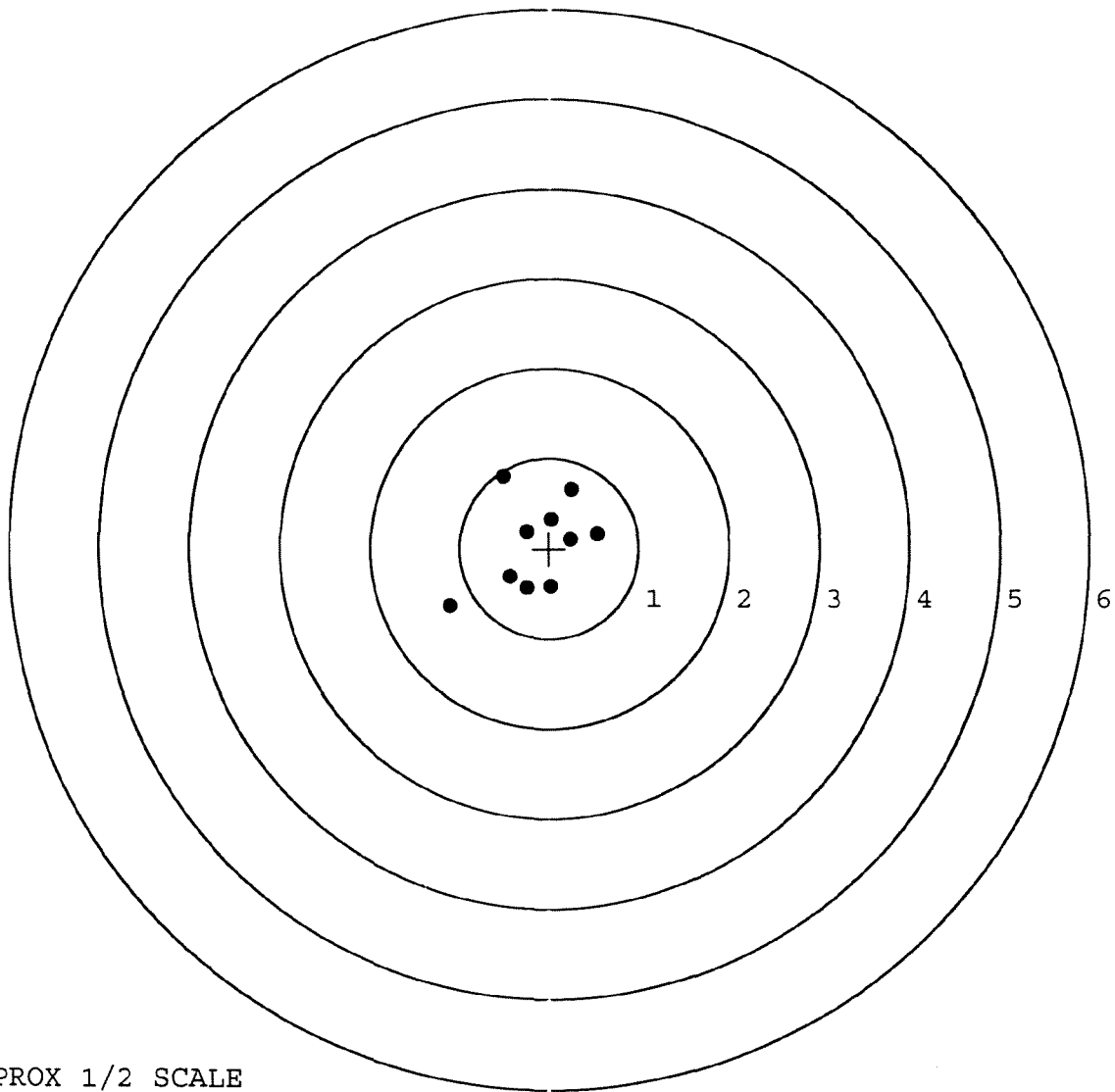
MAX RADIUS: 1.181

MEAN RADIUS: 0.581

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587560. __0

TARGET NUMBER: 3

FILE DATE: 09/10/2008

FILE TIME: 14:14

POINT#	X	Y
1:	-0.288	-0.744
2:	-0.142	-0.565
3:	0.066	-0.503
4:	1.209	0.468
5:	0.518	0.378
6:	0.334	0.434
7:	0.120	0.461
8:	-0.243	0.315
9:	0.258	0.162
10:	0.415	0.458

X CENTROID: 0.225

Y CENTROID: 0.086

POA TO CENTROID: 0.241

HORZ SPREAD: 1.497

VERT SPREAD: 1.212

GROUP SPREAD: 1.926

MIN RADIUS: 0.083

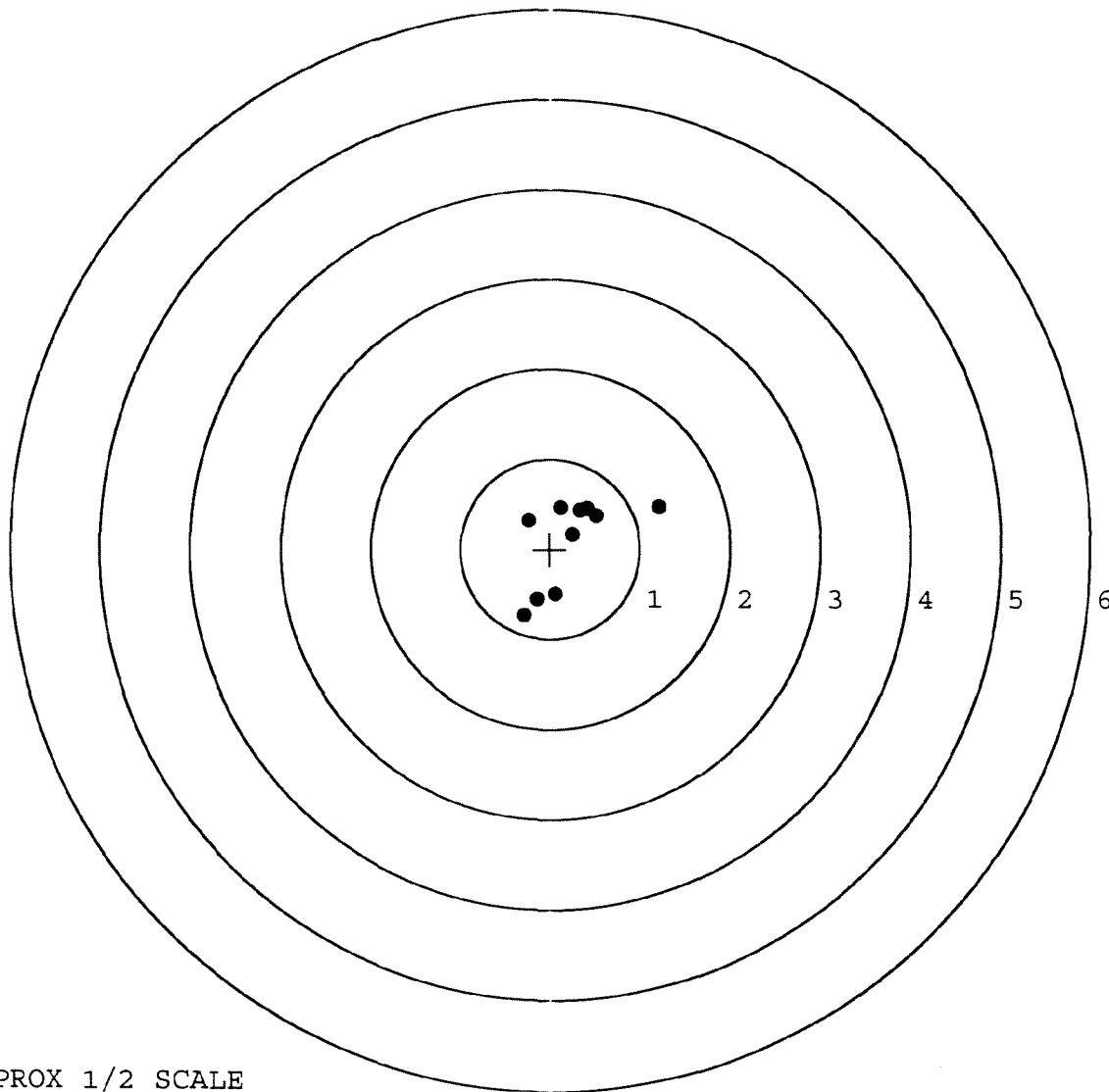
MAX RADIUS: 1.056

MEAN RADIUS: 0.558

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0022712

SERIAL NUMBER: C6587560. __0

TARGET NUMBER: 4

FILE DATE: 09/10/2008

FILE TIME: 14:14

POINT#	X	Y
1:	-0.274	-0.717
2:	0.357	-0.448
3:	0.083	-0.275
4:	0.342	0.057
5:	0.747	0.692
6:	0.871	0.958
7:	0.104	0.432
8:	-0.324	-0.101
9:	-0.382	0.257
10:	-0.576	1.175

X CENTROID: 0.095

Y CENTROID: 0.203

POA TO CENTROID: 0.224

HORZ SPREAD: 1.447

VERT SPREAD: 1.892

GROUP SPREAD: 1.916

MIN RADIUS: 0.229

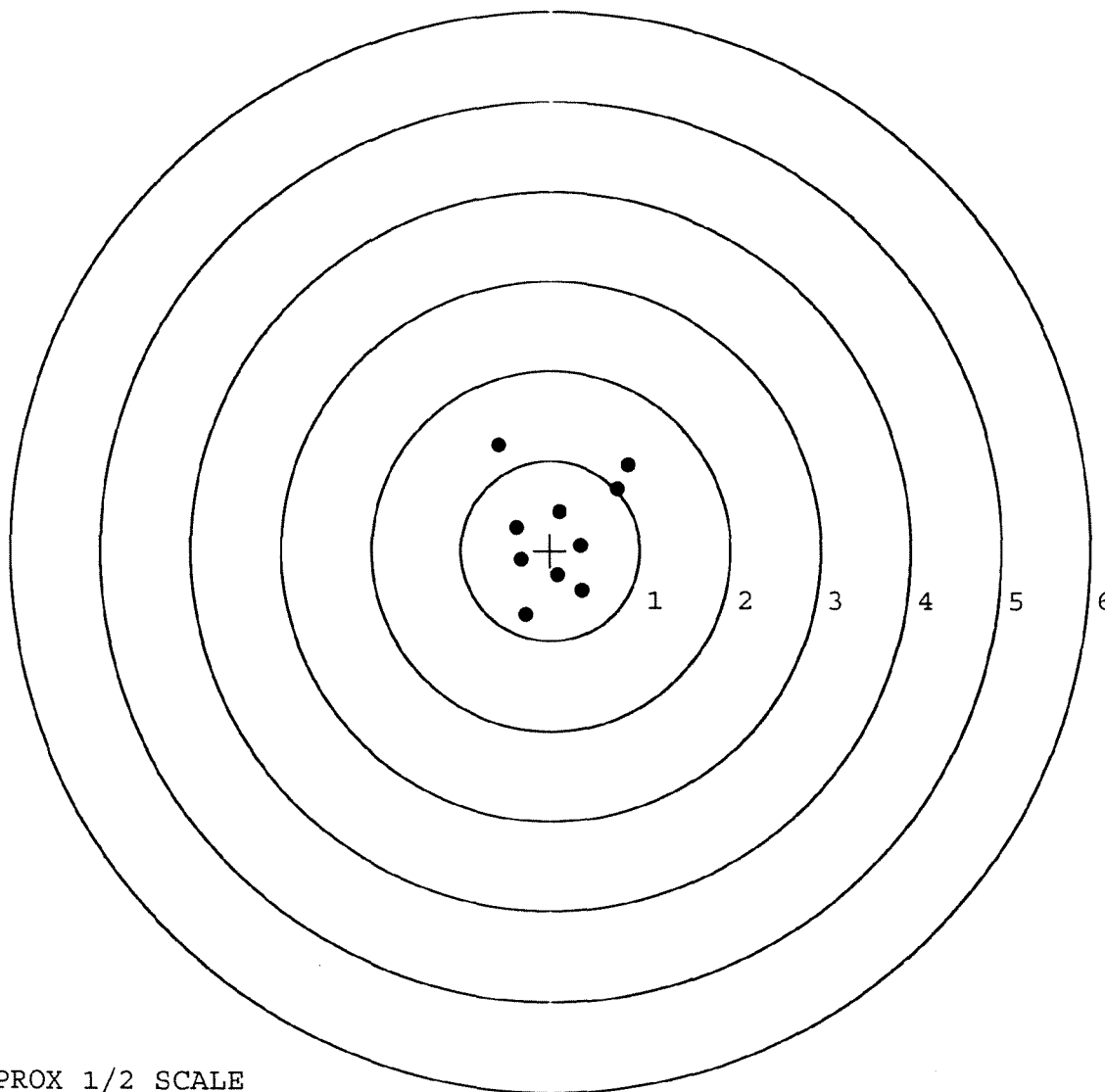
MAX RADIUS: 1.181

MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0022713

SERIAL NUMBER: C6587560. __0

TARGET NUMBER: 5

FILE DATE: 09/10/2008

FILE TIME: 14:14

POINT#	X	Y
1:	-0.529	-0.151
2:	-0.480	-0.325
3:	-0.181	-0.569
4:	-0.165	-1.012
5:	0.462	-0.651
6:	0.475	-0.182
7:	0.708	0.044
8:	0.245	0.049
9:	0.825	0.517
10:	0.806	0.971

X CENTROID: 0.217

Y CENTROID: -0.131

POA TO CENTROID: 0.253

HORZ SPREAD: 1.354

VERT SPREAD: 1.983

GROUP SPREAD: 2.208

MIN RADIUS: 0.182

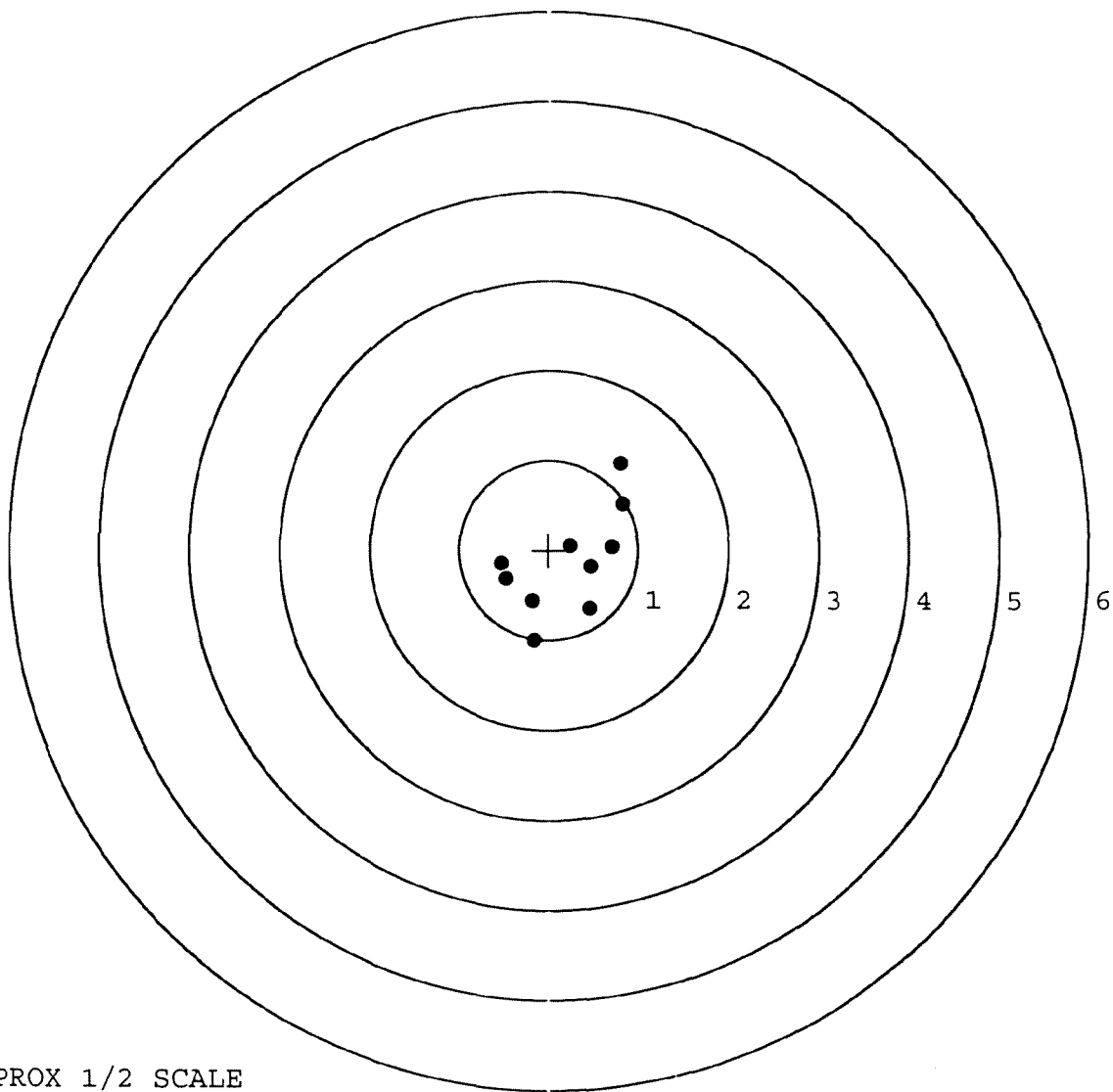
MAX RADIUS: 1.250

MEAN RADIUS: 0.670

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

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: **RE00105536** Serial: C6587560 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/18/1991 Repairman: Status: Closed 12/21/2005 8:28:17 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **JOINT TRANSPORT DIV** **JOINT TRANSPORT DIV**

Address 1: **BLDG 9611** **BLDG 9611**

Address 2: PO Box: PO Box:

City: **FORT LEWIS** **FORT LEWIS**

State: **WA** Zip Code: **98433** Country: **US** State: **WA** Zip Code: **98433** Country: **US**

FFL ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A015	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Front and Rear Sqt Base	1

Repair Search Refresh Close

12/27/2005 8:26 AM CAPS NUM INS SCRL

start

Serial Number: **C6587560**

Model: **M24 SWS**



RE00105536

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587560.__1
FILE DATE AND TIME: 01/17/2006 11:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.110
The Average Y Centroid of the Five Target Set:	-0.168
The Average Point of Impact of the Five Target Set:	0.201
The Average Mean Radius of the Five Target Set:	0.957
The Distance from POA to Centroid Target #1:	0.161
The Distance from Centroid Target #2 to Centroid Target #1:	0.246
The Distance from Centroid Target #3 to Centroid Target #1:	0.362
The Distance from Centroid Target #4 to Centroid Target #1:	0.320
The Distance from Centroid Target #5 to Centroid Target #1:	0.223

SERIAL NUMBER: C6587560. _1

TARGET NUMBER: 1

FILE DATE: 01/17/2006

FILE TIME: 11:37

POINT#	X	Y
1:	2.689	-1.249
2:	1.573	-0.917
3:	0.978	-0.657
4:	0.271	0.393
5:	-0.062	0.257
6:	-0.285	0.555
7:	-0.512	0.066
8:	-0.968	0.159
9:	-2.060	0.367
10:	-0.151	0.384

X CENTROID: 0.147

Y CENTROID: -0.064

POA TO CENTROID: 0.161

HORZ SPREAD: 4.749

VERT SPREAD: 1.804

GROUP SPREAD: 5.016

MIN RADIUS: 0.383

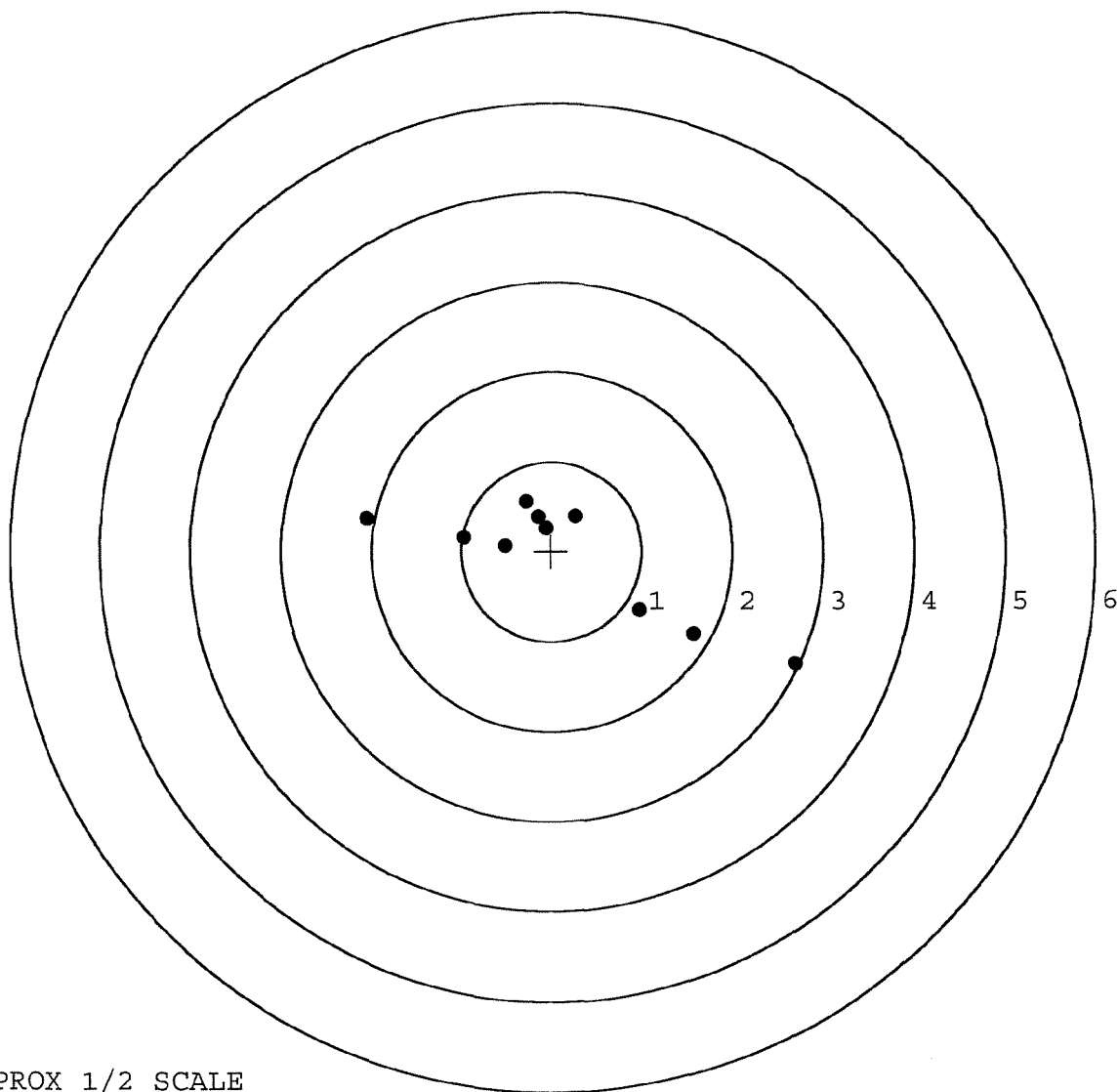
MAX RADIUS: 2.804

MEAN RADIUS: 1.170

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587560. 1

TARGET NUMBER: 2

FILE DATE: 01/17/2006

FILE TIME: 11:37

X CENTROID: 0.261

Y CENTROID: -0.282

POA TO CENTROID: 0.385

HORZ SPREAD: 2.174

VERT SPREAD: 3.108

GROUP SPREAD: 3.624

MIN RADIUS: 0.439

MAX RADIUS: 1.936

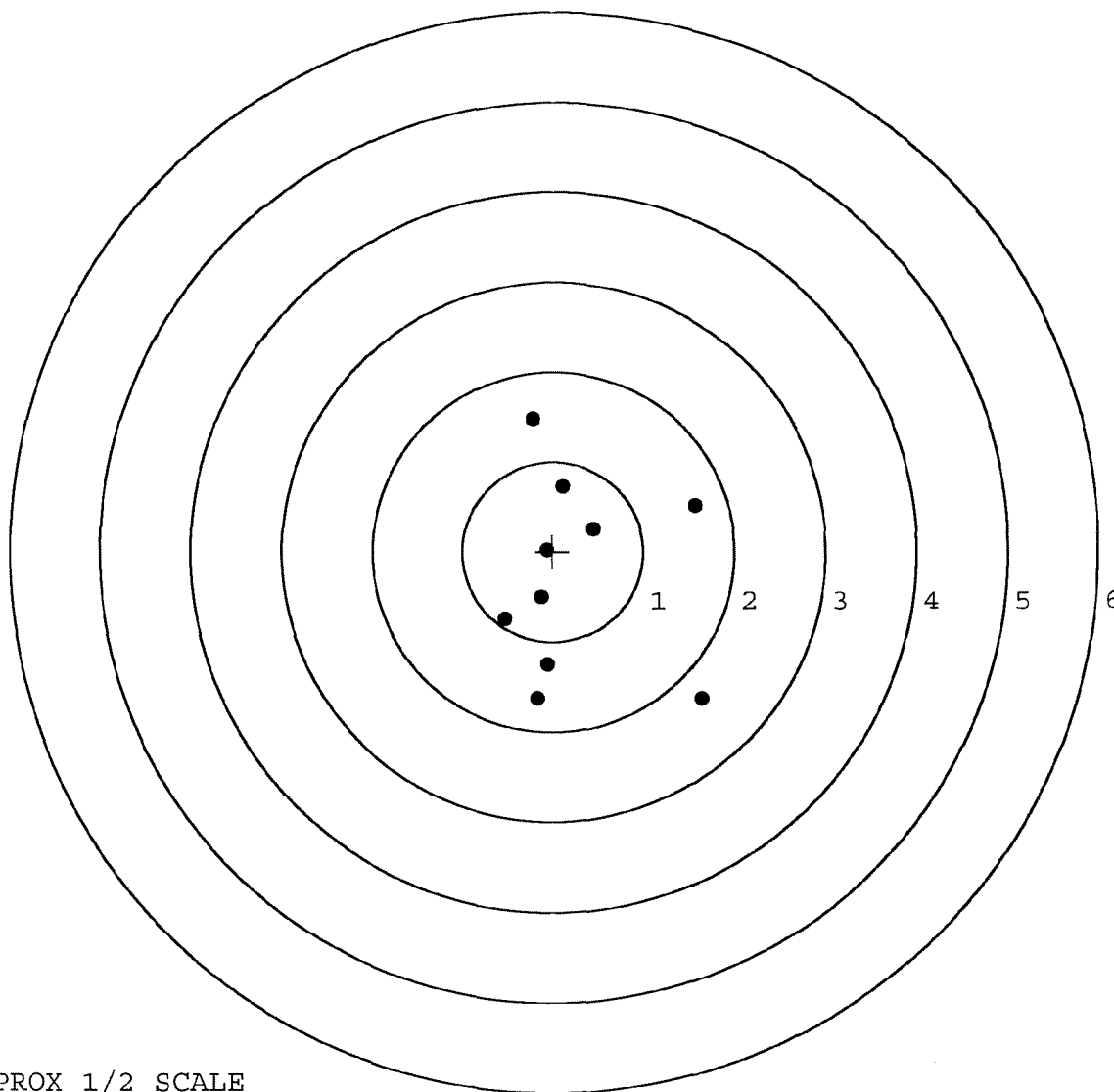
MEAN RADIUS: 1.113

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	1.645	-1.636
2:	-0.171	-1.638
3:	-0.056	-1.260
4:	-0.529	-0.750
5:	-0.127	-0.513
6:	-0.062	0.015
7:	0.453	0.253
8:	0.116	0.725
9:	-0.223	1.470
10:	1.569	0.513



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587560. __1

TARGET NUMBER: 3

FILE DATE: 01/17/2006

FILE TIME: 11:37

POINT#	X	Y
1:	-0.486	-1.410
2:	-0.151	-0.907
3:	0.227	-0.614
4:	0.241	-0.197
5:	0.606	-0.103
6:	-0.494	0.603
7:	-0.779	0.593
8:	-0.646	0.597
9:	-0.535	1.070
10:	0.112	1.040

X CENTROID: -0.190

Y CENTROID: 0.067

POA TO CENTROID: 0.202

HORZ SPREAD: 1.385

VERT SPREAD: 2.480

GROUP SPREAD: 2.522

MIN RADIUS: 0.506

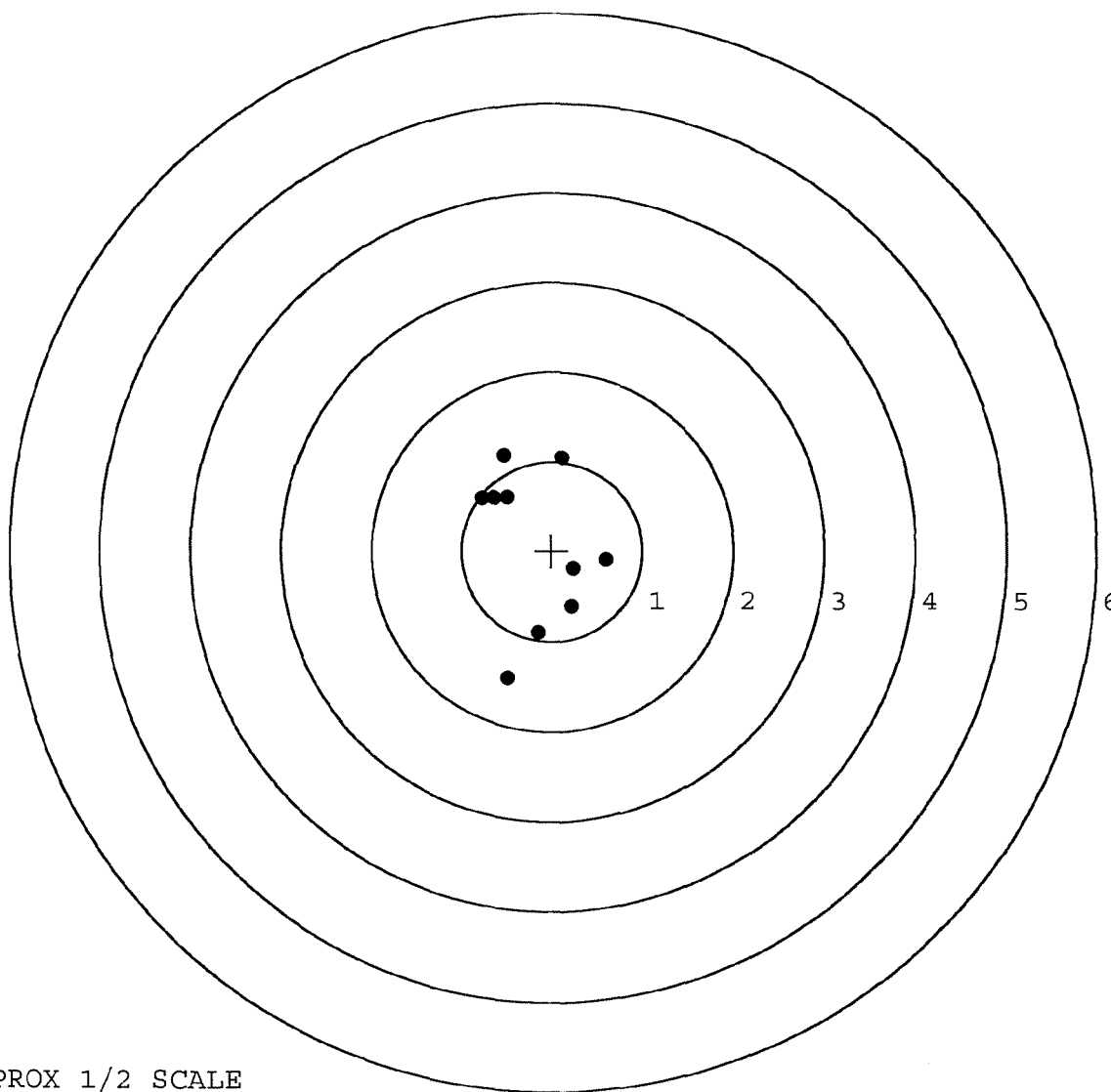
MAX RADIUS: 1.506

MEAN RADIUS: 0.878

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587560. __1

TARGET NUMBER: 4

FILE DATE: 01/17/2006

FILE TIME: 11:37

X CENTROID: 0.013

Y CENTROID: -0.354

POA TO CENTROID: 0.355

HORZ SPREAD: 1.586

VERT SPREAD: 2.972

GROUP SPREAD: 2.995

MIN RADIUS: 0.265

MAX RADIUS: 1.891

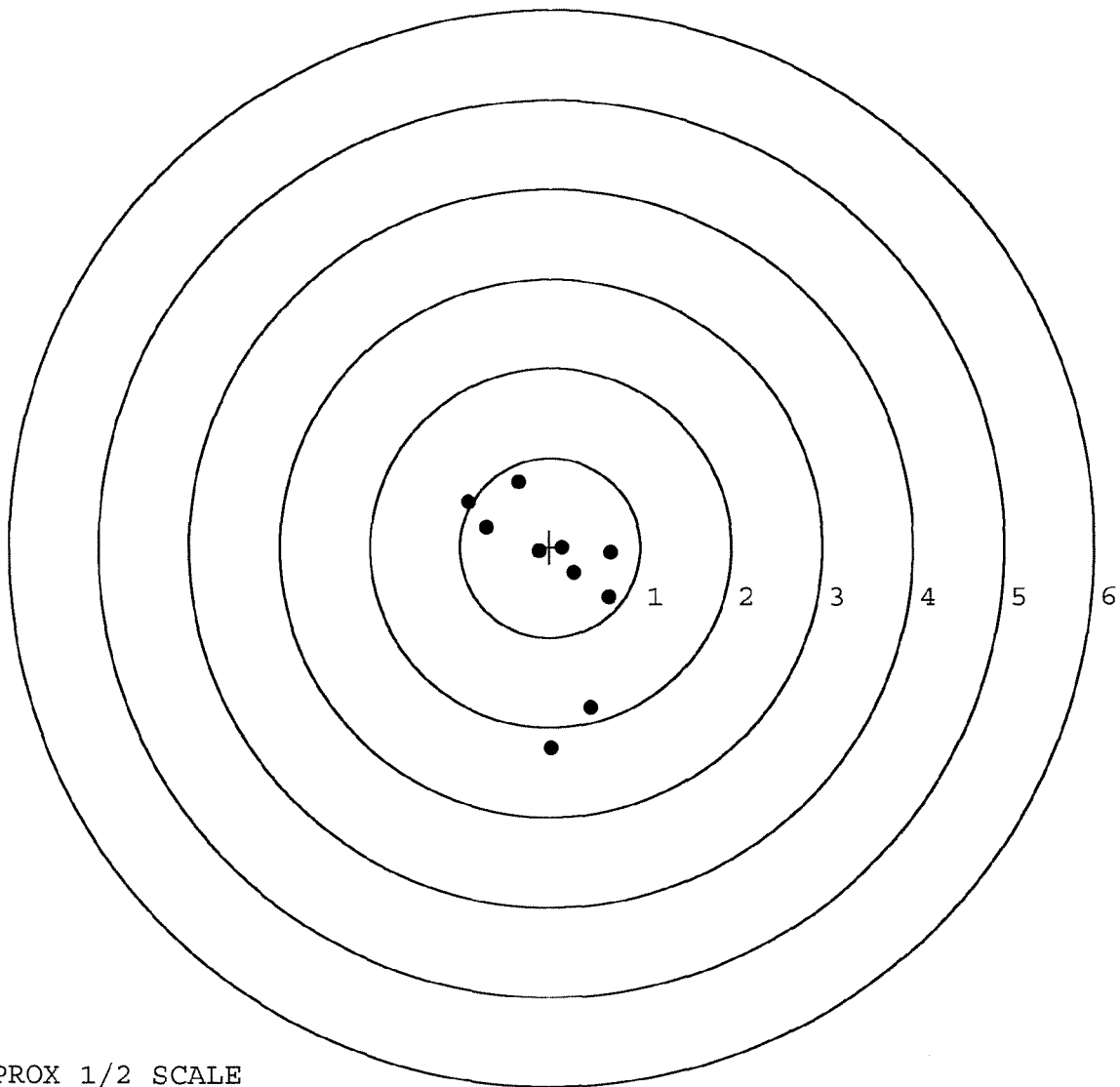
MEAN RADIUS: 0.907

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.456	-1.782
2:	0.021	-2.245
3:	0.660	-0.558
4:	0.678	-0.061
5:	0.270	-0.288
6:	0.135	-0.008
7:	-0.125	-0.053
8:	-0.703	0.224
9:	-0.908	0.500
10:	-0.349	0.727



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587560. 1

TARGET NUMBER: 5

FILE DATE: 01/17/2006

FILE TIME: 11:37

X CENTROID: 0.319

Y CENTROID: -0.207

POA TO CENTROID: 0.380

HORZ SPREAD: 1.492

VERT SPREAD: 2.066

GROUP SPREAD: 2.312

MIN RADIUS: 0.243

MAX RADIUS: 1.244

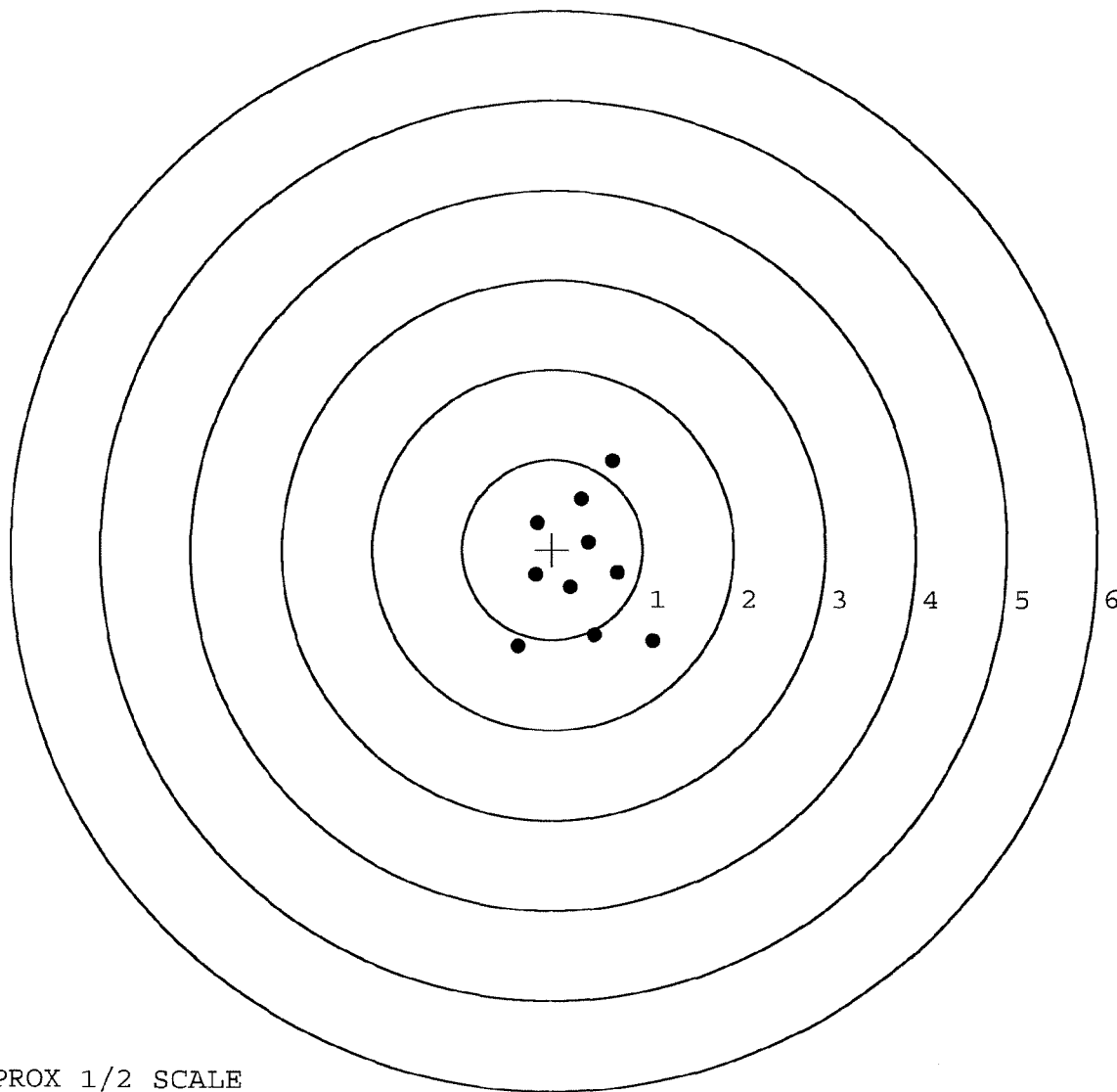
MEAN RADIUS: 0.718

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.118	-1.014
2:	0.472	-0.950
3:	-0.374	-1.077
4:	0.724	-0.255
5:	0.663	0.989
6:	0.325	0.561
7:	-0.167	0.295
8:	0.405	0.085
9:	-0.182	-0.280
10:	0.206	-0.422



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	105536			
SERIAL NUMBER	C6582560			
LOG-IN DATE	12-21-05			
OPERATION.#	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		12-29-05	RTZ
505	RE-BARREL		1-4-05	RTZ
560	ASSEMBLE		1-4-05	RTZ
600	PROOF	MAGNA-FLUX	1-4-06	K
605	CHECK HEADSPACE		1-4-06	K
610	DIS-ASSEMBLE GUN		1-4-06	K
612	MAGNAFLUX	OPERATOR <i>unus</i>	1/6/06	Le...
510	DRILL AND TAP		1-5-06	TRW
615	ROLLMARK CALIBER		1-6-06	CW
618	ROTO-BLAST		1-6-06	LB
620	APPLY COATINGS		1/10	HP
625	FINAL ASSEMBLY		1-11-06	BG
640	FUNCTION TEST AND	<u>PASS</u> FAIL	1-17-06	TRW
650	TARGET	<u>PASS</u> FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	1-17-06	TRW
670	FINAL INSPECTION		2-7-06	K
	A) HEADSPACE	<u>PASS</u> FAIL	2-7-06	K
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.56 2.74 2.78 2.72 2.89	2/7/06 RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	4.5 4.5 5.0	2/7/06 RA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5	2/7/06 RA
	I) FIRING PIN INDENT	.020	.021 .021 .021	AC
690	PACK		2-15-06	RA

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: **RE00046947** Serial: **C6587506** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 5/21/02 10:13:33 AM**

Verify Repair

Address Information

Customer: **DOL** Received From: **DOL** Return To: **DOL**

Address 1: **SHIPPING DEPT** Address 2: **BLDG 9630 DR 40** PD Box: City: **FORT LEWIS** State: **WA** Zip Code: **98433** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
X	SGT BASES	2

Repair Search Refresh Close

naqltj 5/21/02 1:11 PM C&PS NUM INS SERL

Start Inb... Cal Cha Ar... Mic... Ser... Part... Ser... 1:11 PM

Serial Number: **C6587560**

Model: **700**



RE00046947

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587560.__0

FILE DATE AND TIME: 06/14/2002 11:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.050
The Average Y Centroid of the Five Target Set:	-0.061
The Average Point of Impact of the Five Target Set:	0.079
The Average Mean Radius of the Five Target Set:	0.642
The Distance from POA to Centroid Target #1:	0.156
The Distance from Centroid Target #2 to Centroid Target #1:	0.048
The Distance from Centroid Target #3 to Centroid Target #1:	0.103
The Distance from Centroid Target #4 to Centroid Target #1:	0.182
The Distance from Centroid Target #5 to Centroid Target #1:	0.158

SERIAL NUMBER: C6587560. __0

TARGET NUMBER: 1

FILE DATE: 06/14/2002

FILE TIME: 11:12

POINT#	X	Y
1:	1.077	-0.151
2:	-0.001	0.804
3:	-0.851	0.860
4:	0.332	-0.618
5:	0.065	-0.588
6:	0.120	-0.310
7:	-0.944	-0.212
8:	-0.618	-0.156
9:	-0.673	0.041
10:	0.142	-0.454

X CENTROID: -0.135

Y CENTROID: -0.078

POA TO CENTROID: 0.156

HORZ SPREAD: 2.021

VERT SPREAD: 1.478

GROUP SPREAD: 2.177

MIN RADIUS: 0.345

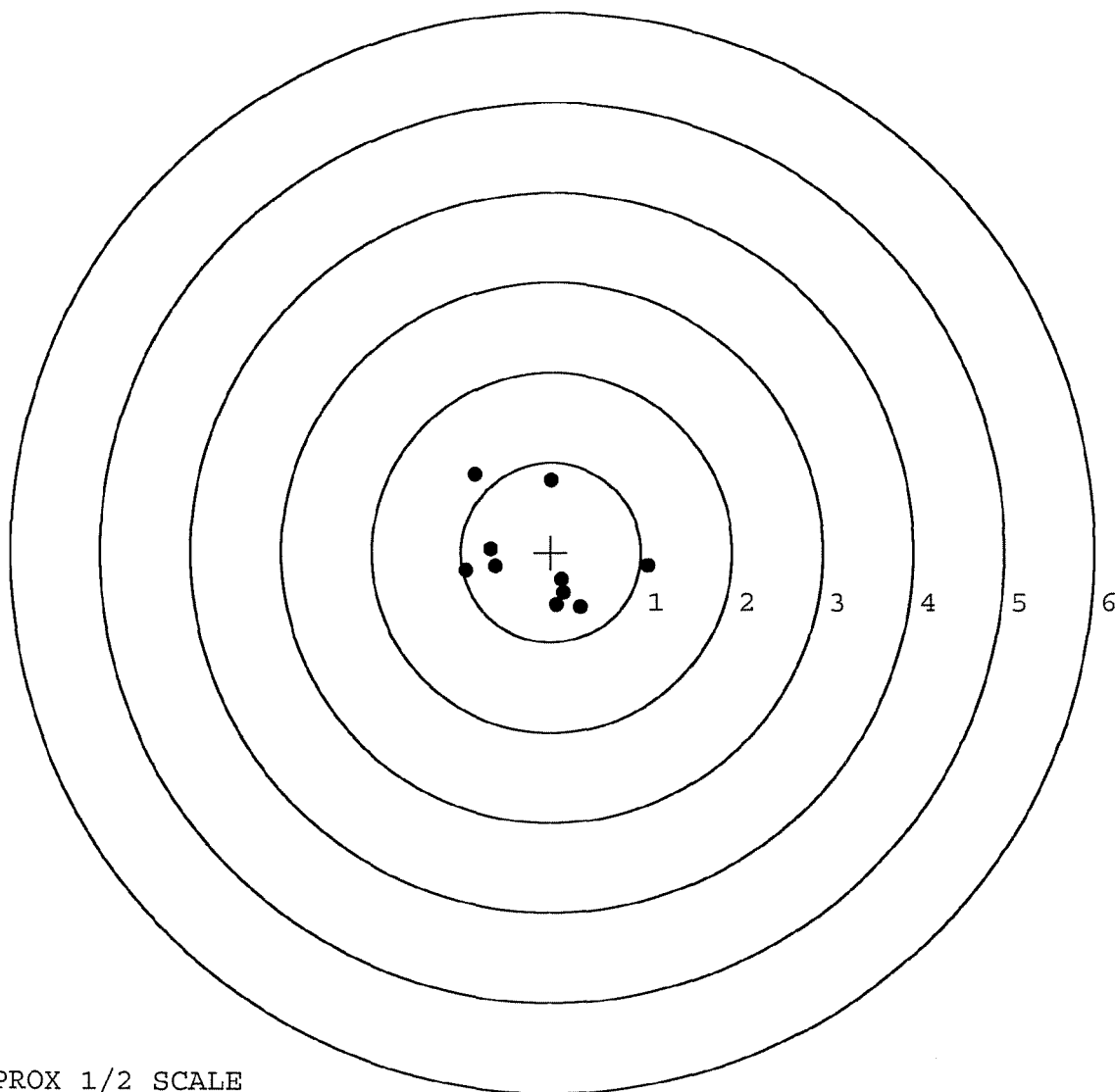
MAX RADIUS: 1.214

MEAN RADIUS: 0.722

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587560. __0

TARGET NUMBER: 2

FILE DATE: 06/14/2002

FILE TIME: 11:12

POINT#	X	Y
1:	0.952	-0.419
2:	0.395	-0.359
3:	0.225	-0.229
4:	-0.112	-0.428
5:	-0.272	-0.338
6:	-0.301	-0.150
7:	-0.149	0.322
8:	-0.625	0.315
9:	-0.267	1.068
10:	-0.834	-0.877

X CENTROID: -0.099

Y CENTROID: -0.109

POA TO CENTROID: 0.147

HORZ SPREAD: 1.786

VERT SPREAD: 1.945

GROUP SPREAD: 2.026

MIN RADIUS: 0.206

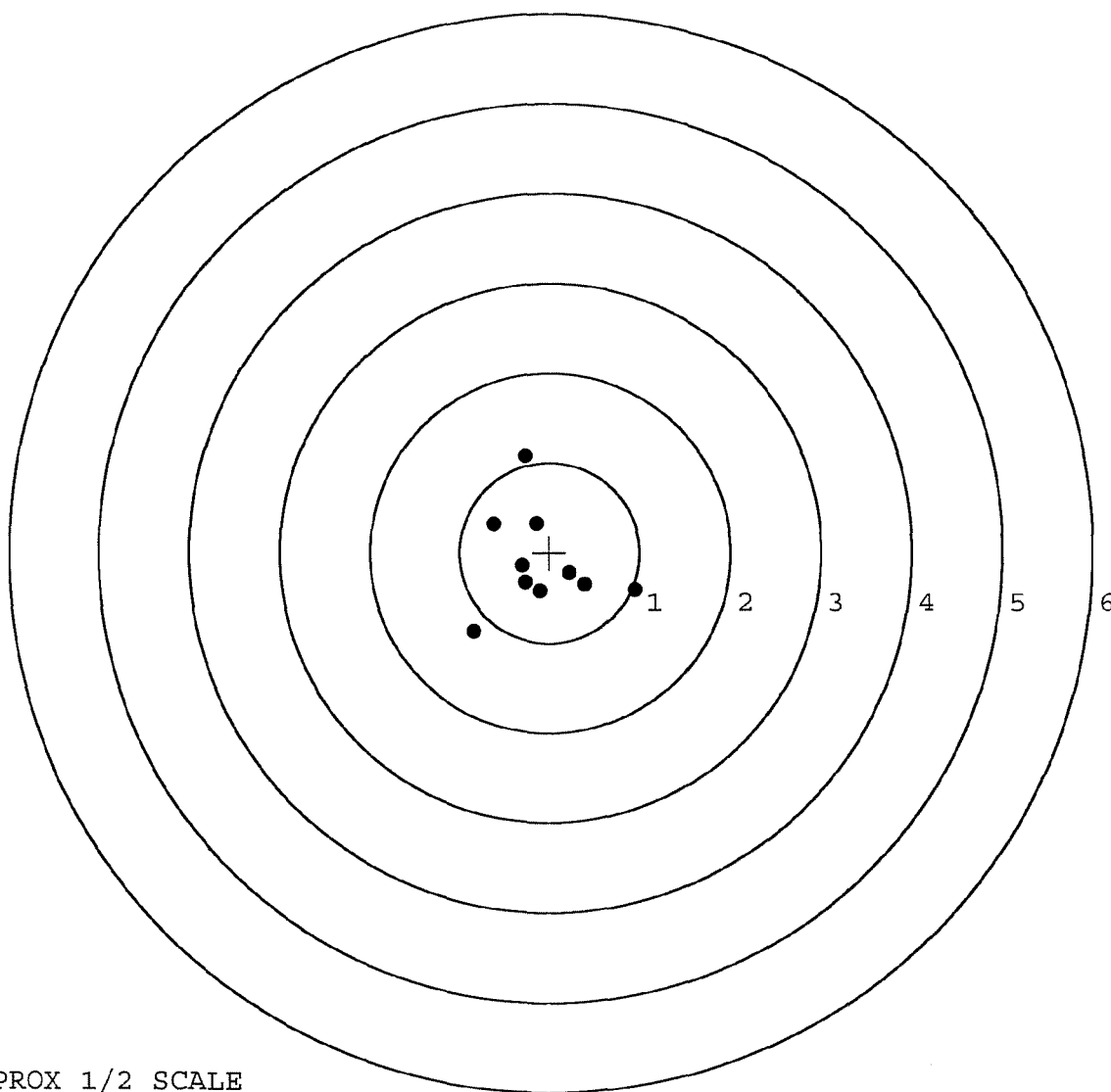
MAX RADIUS: 1.189

MEAN RADIUS: 0.617

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587560. __0

TARGET NUMBER: 3

FILE DATE: 06/14/2002

FILE TIME: 11:12

POINT#	X	Y
1:	0.836	-0.635
2:	0.103	-0.911
3:	0.088	-0.526
4:	-0.173	-0.373
5:	0.153	-0.270
6:	-0.056	0.307
7:	0.075	0.673
8:	0.366	0.552
9:	-0.781	0.307
10:	-1.040	0.541

X CENTROID: -0.043

Y CENTROID: -0.034

POA TO CENTROID: 0.054

HORZ SPREAD: 1.876

VERT SPREAD: 1.584

GROUP SPREAD: 2.214

MIN RADIUS: 0.307

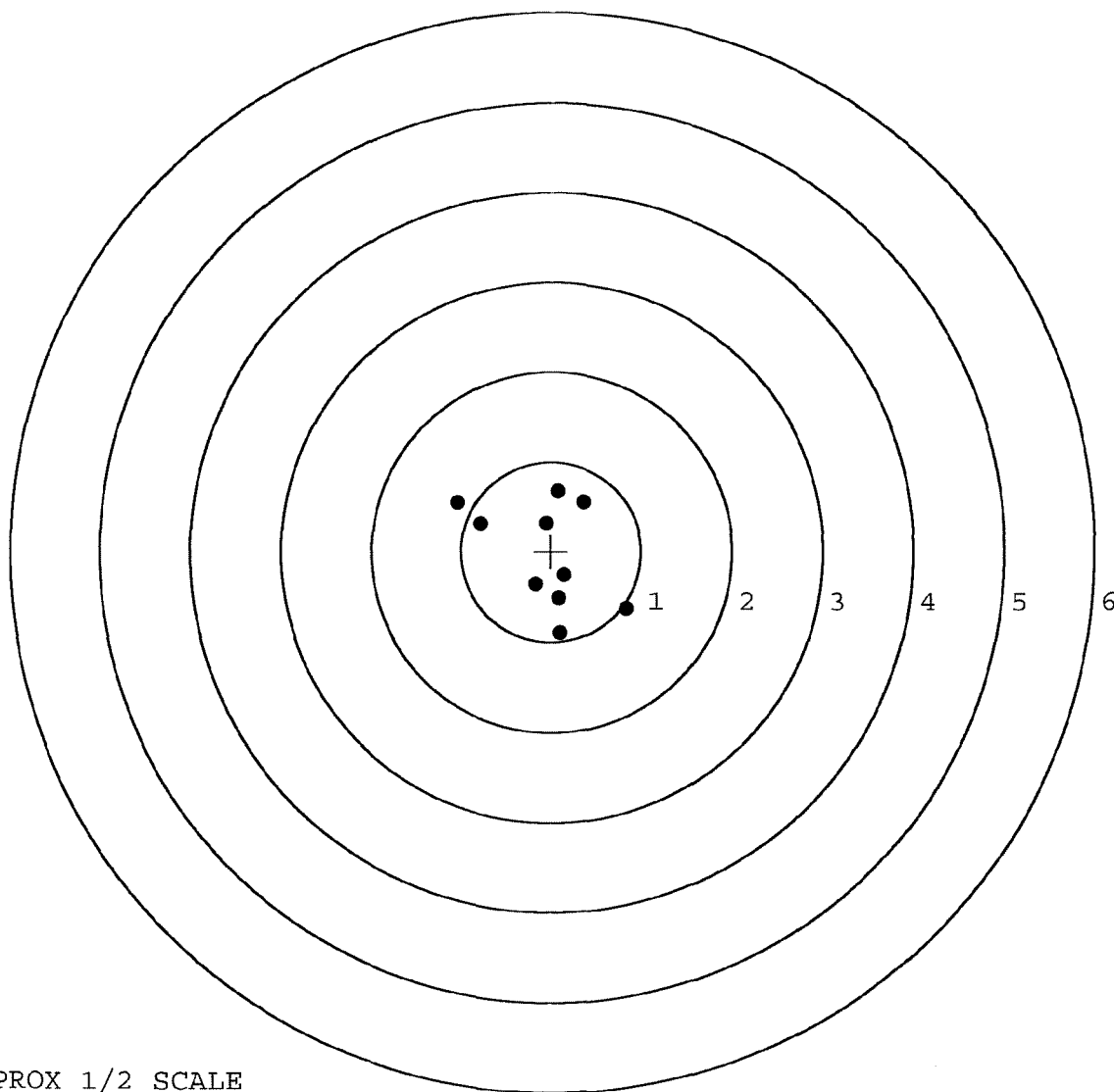
MAX RADIUS: 1.151

MEAN RADIUS: 0.687

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587560. 0

TARGET NUMBER: 4

FILE DATE: 06/14/2002

FILE TIME: 11:12

X CENTROID: 0.043

Y CENTROID: -0.114

POA TO CENTROID: 0.122

HORZ SPREAD: 1.990

VERT SPREAD: 1.369

GROUP SPREAD: 2.122

MIN RADIUS: 0.249

MAX RADIUS: 1.142

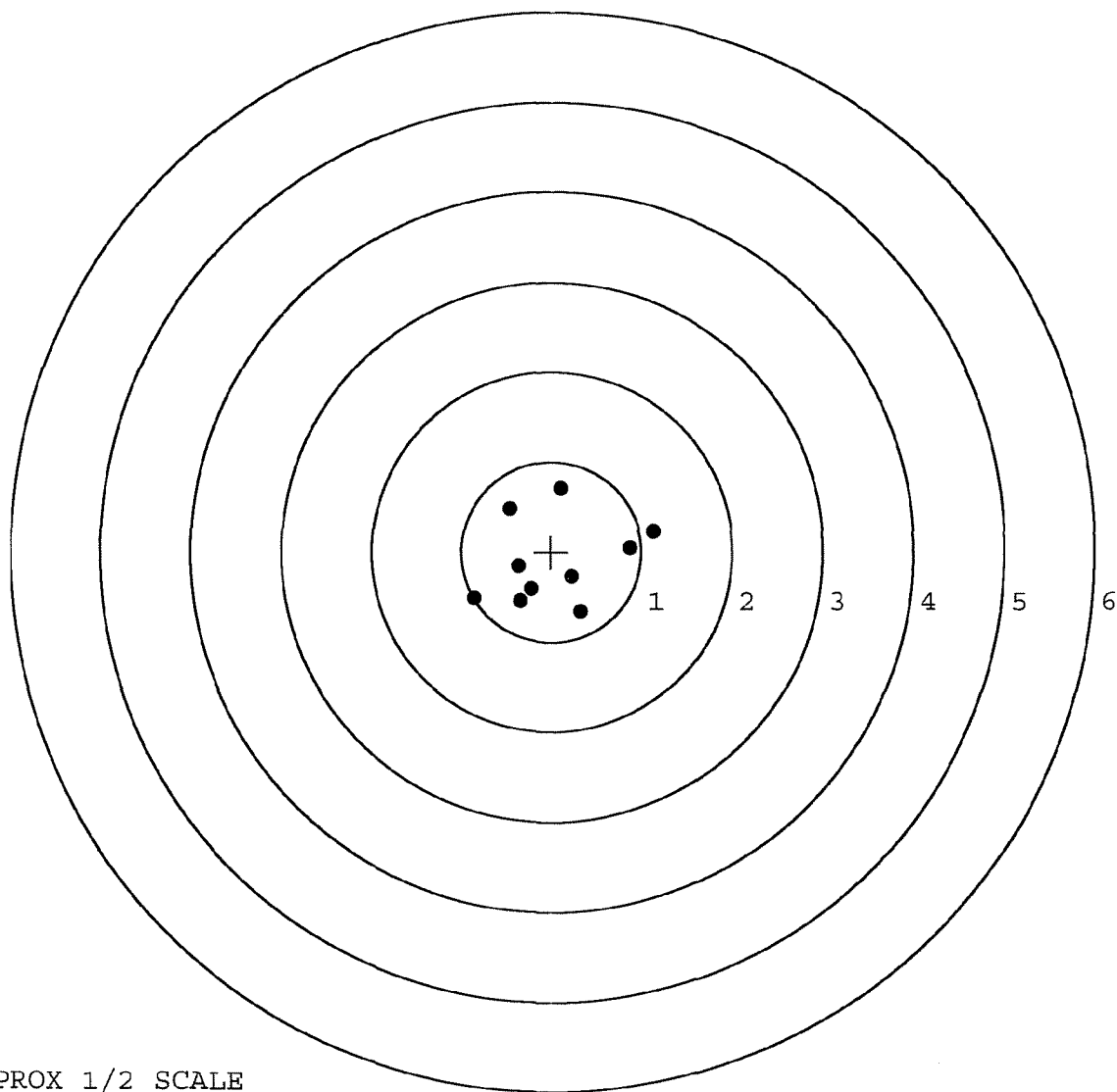
MEAN RADIUS: 0.683

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.134	0.223
2:	0.878	0.040
3:	0.106	0.703
4:	-0.461	0.474
5:	0.329	-0.666
6:	0.232	-0.277
7:	-0.362	-0.162
8:	-0.856	-0.515
9:	-0.346	-0.548
10:	-0.222	-0.415



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587560. __0

TARGET NUMBER: 5

FILE DATE: 06/14/2002

FILE TIME: 11:12

X CENTROID: -0.018

Y CENTROID: 0.028

POA TO CENTROID: 0.034

HORZ SPREAD: 1.067

VERT SPREAD: 1.406

GROUP SPREAD: 1.440

MIN RADIUS: 0.245

MAX RADIUS: 0.771

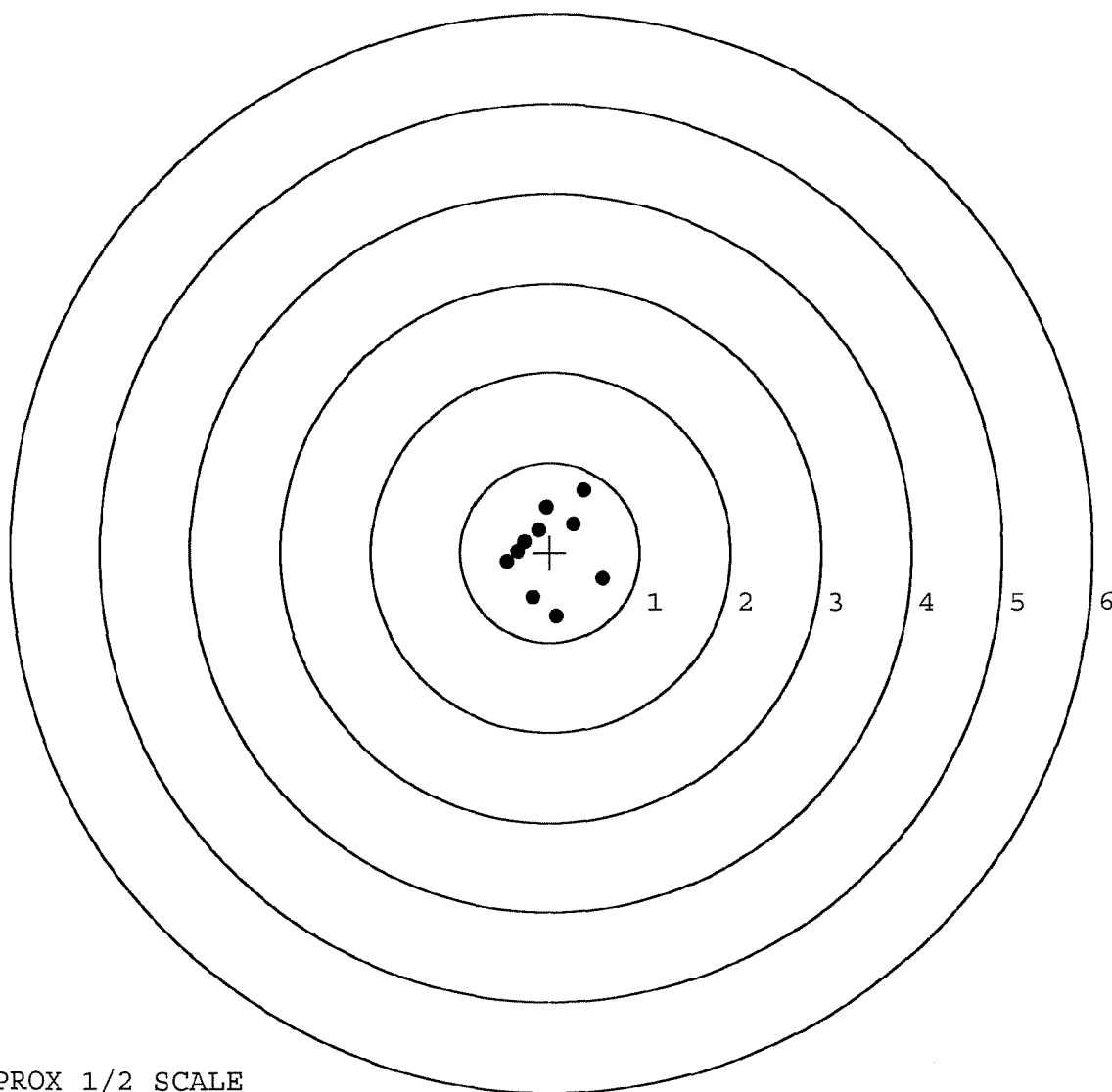
MEAN RADIUS: 0.499

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.587	-0.290
2:	0.069	-0.717
3:	-0.193	-0.502
4:	0.265	0.317
5:	0.379	0.689
6:	-0.046	0.504
7:	-0.125	0.249
8:	-0.286	0.120
9:	-0.355	0.016
10:	-0.480	-0.102



TARGET APPROX 1/2 SCALE

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

R & E NUMBER <u>46947</u>			
SERIAL NUMBER <u>CL582568</u>			
LOG-IN DATE <u>5/21/02</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5/22/02	RW
560 A	RE-BARREL AT CUSTOM SHOP	5/22/02	BWT
B	DRILL AND TAP	5/22/02	BWT
C	POLISH		
575	ASSEMBLE	5/22/02	RW
600	PROOF - MAGNA-FLUX	5/22/02	RW
605	CHECK HEADSPACE INSPECTED	5/22/02	RW
610	DIS-ASSEMBLE GUN MAY 30 7002	5/22/02	RW
612	MAGNAFLUX OPERATOR <u>UPB</u>		
615	ROLLMARK CALIBER	5/22/02	RW
618	ROTO-BLAST	5/31/02	KD
620	APPLY COATINGS	6-3	TA
625 A	FINAL ASSEMBLY	6/12/02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-13-02	AC
655	FINAL INSPECT	6/18/02	RW
660	PACK	6/19/02	DA
		SHIP DATE	
		QAR INSPECTION DATE	

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

MODEL 700™ M24

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

SERIAL NO.
C6587560

ORDER NO.
5716

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

20



UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587560

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	1228 90	Rw
600	Proof		1228 90	Rw
607	Check Headspace		1228 90	Rw
610	Dis-assemble Gun			Rw
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LL
617	Drill and Tap Sight Holes		1 10 91	FB
618	Polish Barrel		1 10 91	WB
620	Apply Coatings (Barrel Action)		1-26-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/28/91	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/28/91	Rw
	C) Inspect Ejector Hole for Chamfer		1/28/91	Rw
	D) Oil Firing Pin Ass'y		1/28/91	Rw
	E) Adjust Trigger Pull to Min Setting and Stake		2/1/91	JA

op. #	BARBER - M24 0022732 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/12/91	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/12/91	WLB
	H) Trigger Pull Test & Retainability						2/11/91	JR
	I) Firing Pin Indent	.0225	.0227	.0225			2/12/91	WLB
	J) Assemble Stock						2/13/91	RW
	K) Assemble Swivel Studs						2-25-91	AC
	L) Attach Front and Rear Sight Assemblies						2/13/91	RW
	M) Iron Sight Alignment						2/13/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/13/91	RW
	O) Attach Scope to Rifle						2/13/91	RW
	P) Detach & Attach Scope 20 Times						2/13/91	RW
640	Gallery Target & Test						2-13-91	AC
	A) Time						2-13-91	AC
	B) Malfunctions						2-13-91	AC
	C) Pierced Primers						2-13-91	AC
	D) Optical Clarity of Scope						2-13-91	AC
645	Inspect for Live Ammo						2-13-91	AC
655	Final Inspection							
	A) Headspace						2-25-91	AC
	B) Trigger Pull	2.48	2.52	2.51	2.39	2.60	2/22/91	JR
	C) Function						2-25-91	AC
660	Pack						3-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6587520

DATE 2/11/91

TESTER SL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.13	2.31	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.33	2.20	2.52	
PULL #3	2.42	2.20	2.22	2.51	
PULL #4	2.11	2.33	2.32	2.39	
PULL #5	2.20	2.20	2.20	2.50	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.20		
PULL #2	3.26	3.26		
PULL #3	3.30	3.17		
PULL #4	3.23	3.23		
PULL #5	3.27	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.44		4.45
PULL #2	4.40	4.38		4.43
PULL #3	4.42	4.36		4.44
PULL #4	4.35	4.36		4.45
PULL #5	4.46	4.37		4.43
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587560
14 Feb 1991

CENTROIDAL DISTANCES

0 TO 1	.0667083
1 TO 2	.186118
1 TO 3	.152453
1 TO 4	.199462
1 TO 5	.207735

25 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.033
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0832
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0895055

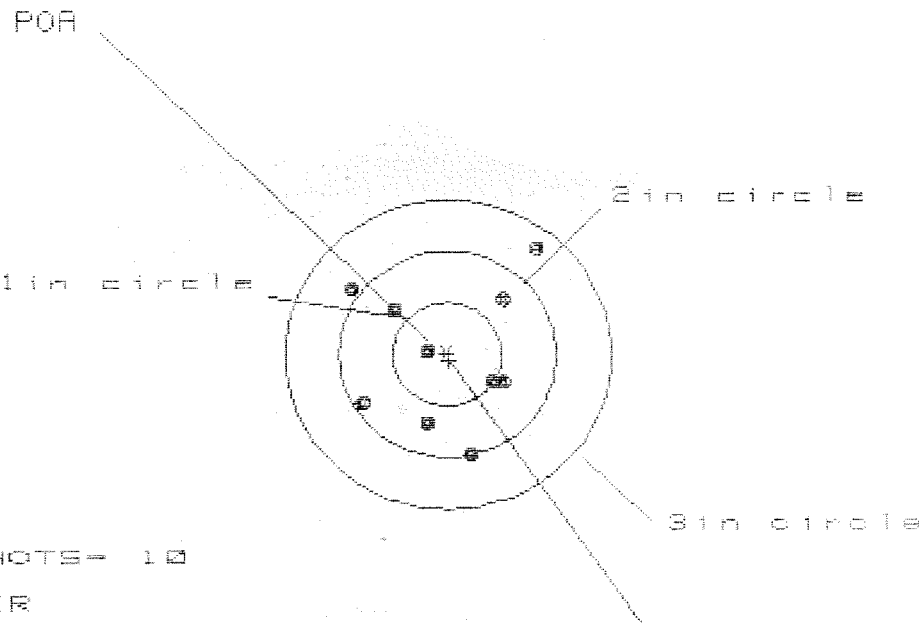
THE AMR FOR THIS RIFLE IS: .6944

13 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587560

CENTERFIRE PATTERNS

1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 1.690

VS= 1.995

GS= 2.136

CENTROID #

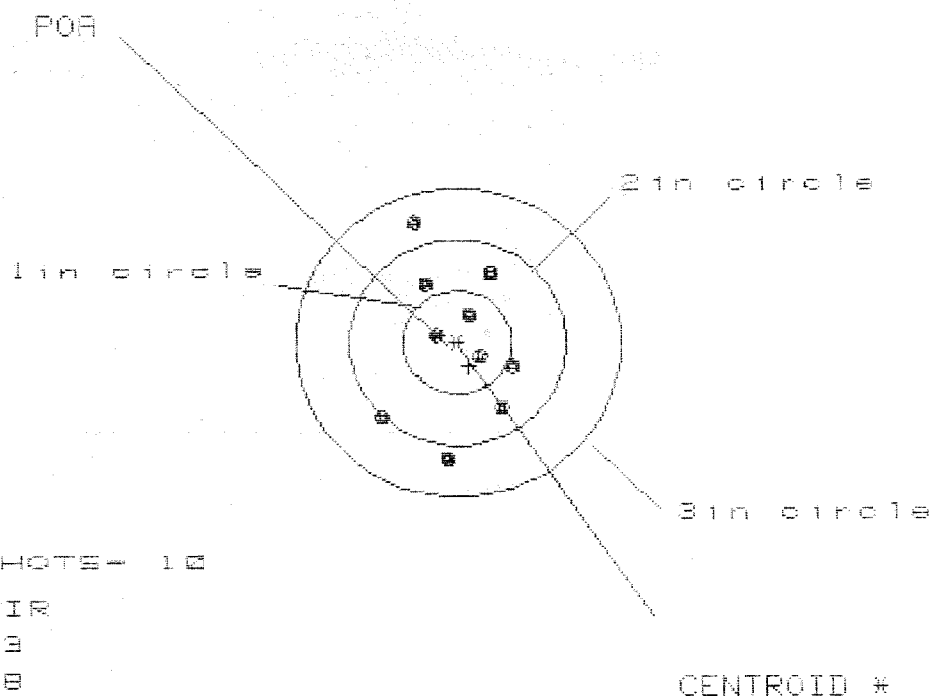
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.852	.610	.518
MINIMUM X	-.838	-.744	-.734
MAXIMUM Y	.992	.726	.711
MINIMUM Y	-1.003	-.893	-.802
CENTROID X	-.015	-.109	-.017
CENTROID Y	.065	-.045	-.136
POA TO CENTROID in.	.066	.119	.137
MIN RADIUS	.191	.201	.325
MEAN RADIUS	.754	.682	.626
MAX RADIUS	1.308	1.040	.880
HORIZONTAL SPREAD	1.690	1.354	1.251
VERTICAL SPREAD	1.995	1.619	1.513
EXTREME SPREAD	2.136	1.938	1.641
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

13 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08587580

CENTERFIRE PATTERNS

2



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 1.213

VS = 2.247

GS = 2.261

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.538

.499

.488

MINIMUM X

-.675

-.714

-.733

MAXIMUM Y

1.136

.793

.678

MINIMUM Y

-1.111

-.985

-.677

CENTROID X

-.103

-.064

-.045

CENTROID Y

.229

.103

.226

POA TO CENTROID in.

.251

.121

.238

MIN RADIUS

.226

.144

.188

MEAN RADIUS

.674

.614

.547

MAX RADIUS

1.191

.996

.998

HORIZONTAL SPREAD

1.213

1.213

1.213

VERTICAL SPREAD

2.247

1.778

1.347

EXTREME SPREAD

2.261

1.827

1.678

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

8

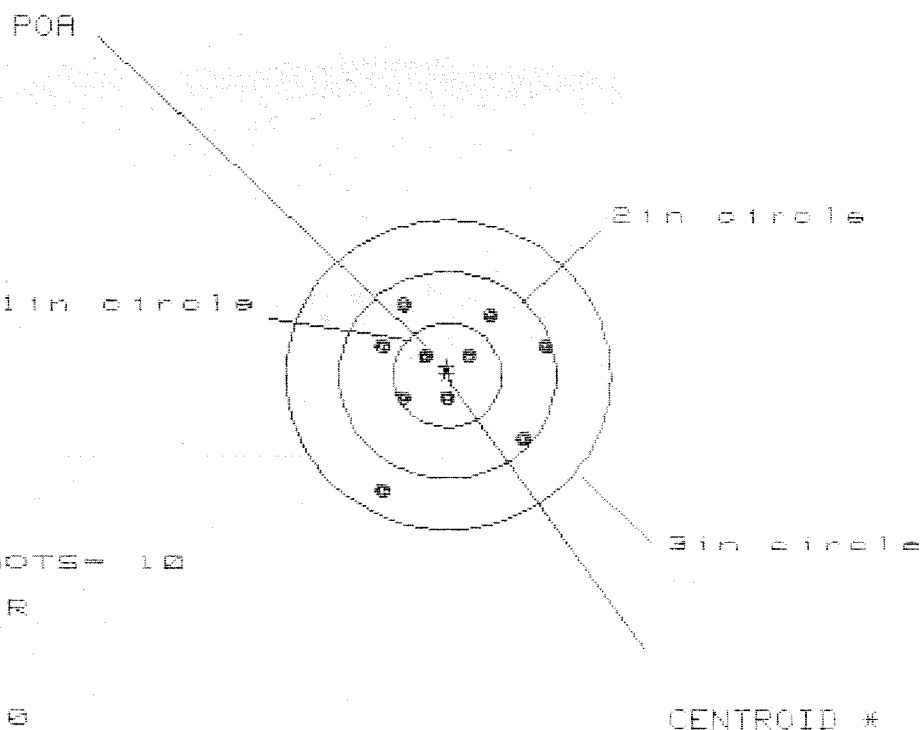
NUMBER IN THREE INCH CIRCLE =

10

13 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587568

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 9

3 in = 10

HS= 1.479

VS= 1.821

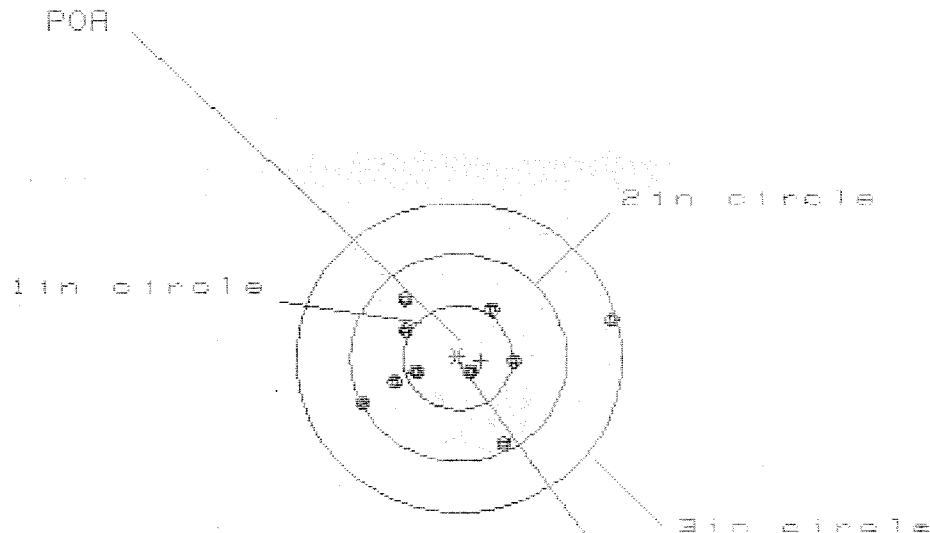
GS= 2.045

PATTERN #	3		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.884	.818	.896
MINIMUM X	-.595	-.661	-.583
MAXIMUM Y	.684	.558	.462
MINIMUM Y	-1.137	-.763	-.472
CENTROID X	.006	.071	-.007
CENTROID Y	-.086	.040	.136
POA TO CENTROID in.	.086	.082	.136
MIN RADIUS	.182	.112	.197
MEAN RADIUS	.644	.561	.501
MAX RADIUS	1.282	.986	.898
HORIZONTAL SPREAD	1.479	1.479	1.479
VERTICAL SPREAD	1.821	1.321	.934
EXTREME SPREAD	2.045	1.705	1.479
NUMBER IN ONE INCH CIRCLE	=	4	
NUMBER IN TWO INCH CIRCLE	=	9	
NUMBER IN THREE INCH CIRCLE	=	10	

13 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/085875B0

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 10

HS= 2.287

VS= 1.402

GS= 2.419

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.365	.653	.557
MINIMUM X	-.922	-.770	-.507
MAXIMUM Y	.541	.585	.541
MINIMUM Y	-.861	-.817	-.861
CENTROID X	-.211	-.363	-.267
CENTROID Y	.028	-.016	.028
POA TO CENTROID in.	.213	.363	.268
MIN RADIUS	.179	.219	.230
MEAN RADIUS	.690	.589	.556
MAX RADIUS	1.421	1.013	.997
HORIZONTAL SPREAD	2.287	1.423	1.064
VERTICAL SPREAD	1.402	1.402	1.402
EXTREME SPREAD	2.419	1.661	1.661
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

13 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CB587560

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 1.308

VS = 2.399

GS = 2.408

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.536
MINIMUM X	-.773
MAXIMUM Y	.954
MINIMUM Y	-1.445
CENTROID X	.158
CENTROID Y	.188
POA TO CENTROID in.	.239
MIN RADIUS	.058
MEAN RADIUS	.710
MAX RADIUS	1.478
HORIZONTAL SPREAD	1.309
VERTICAL SPREAD	2.399
EXTREME SPREAD	2.409
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	8
NUMBER IN THREE INCH CIRCLE =	10

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6587560

DATE 2-26-96

TESTER

DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.64	2.33		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.81	2.30		
PULL #3	2.59	2.74	2.15		
PULL #4	2.61	2.64	2.34		
PULL #5	2.62	2.59	2.31		
TOTAL	12.89	13.42	11.43		
AVG.	2.57	2.68	2.28		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.17		
PULL #2	3.18	3.21		
PULL #3	3.07	3.12		
PULL #4	3.15	3.13		
PULL #5	3.04	3.06		
TOTAL	15.47	15.69		
AVG.	3.09	3.13		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.22	4.23		4.31
PULL #2	4.15	4.09		4.52
PULL #3	4.22	4.00		4.31
PULL #4	4.21	4.00		4.25
PULL #5	4.00	3.90		4.31
TOTAL	20.80	20.22		21.70
AVG.	4.16	4.04		4.34

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6587560

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
500	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			

BARBER - M24 0022743

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5½	5½	5½			3/7	A
	G) Safety Off Force	3	3	3			3/7	AC
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	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	2.34	2.30	2.36	2.25	2.32	3/7/96	WB
	C) Function							
660	Pack							