

C6349020

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00126707

Serial: C6349020 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 3/14/2007 2:49:12 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICE

TRANSPORTATION OFFICE

Address 1: BLDG 330

BLDG 330

Address 2: 4885 CHILES AVE

PO Box:

4885 CHILES AVE

PO Box:

City: FORT CARSON

FORT CARSON

State: CO

Zip Code: 80913

Country: US

State: CO

Zip Code: 80913

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/14/2007

3:06 PM

CAPS

NUM

INS

SCRL

start

6 Micro...

Arms Ser...

Part Sear...

2 Micro...

6 Inter...

3:06 PM

Serial:
C6349020

Model: M24 SWS



RE00126707

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349020.___0
FILE DATE AND TIME: 04/12/2007 23:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.030
The Average Y Centroid of the Five Target Set:	0.212
The Average Point of Impact of the Five Target Set:	0.214
The Average Mean Radius of the Five Target Set:	0.716
The Distance from POA to Centroid Target #1:	0.786
The Distance from Centroid Target #2 to Centroid Target #1:	0.630
The Distance from Centroid Target #3 to Centroid Target #1:	0.715
The Distance from Centroid Target #4 to Centroid Target #1:	0.761
The Distance from Centroid Target #5 to Centroid Target #1:	0.793

SERIAL NUMBER: C6349020. __0

TARGET NUMBER: 1

FILE DATE: 04/12/2007

FILE TIME: 23:52

POINT#	X	Y
1:	-0.908	0.486
2:	-0.137	0.602
3:	0.222	0.463
4:	0.561	0.372
5:	0.805	0.010
6:	0.597	-0.548
7:	-0.297	-0.223
8:	0.190	1.512
9:	-0.157	1.867
10:	-0.084	3.280

X CENTROID: 0.079

Y CENTROID: 0.782

POA TO CENTROID: 0.786

HORZ SPREAD: 1.713

VERT SPREAD: 3.828

GROUP SPREAD: 3.888

MIN RADIUS: 0.281

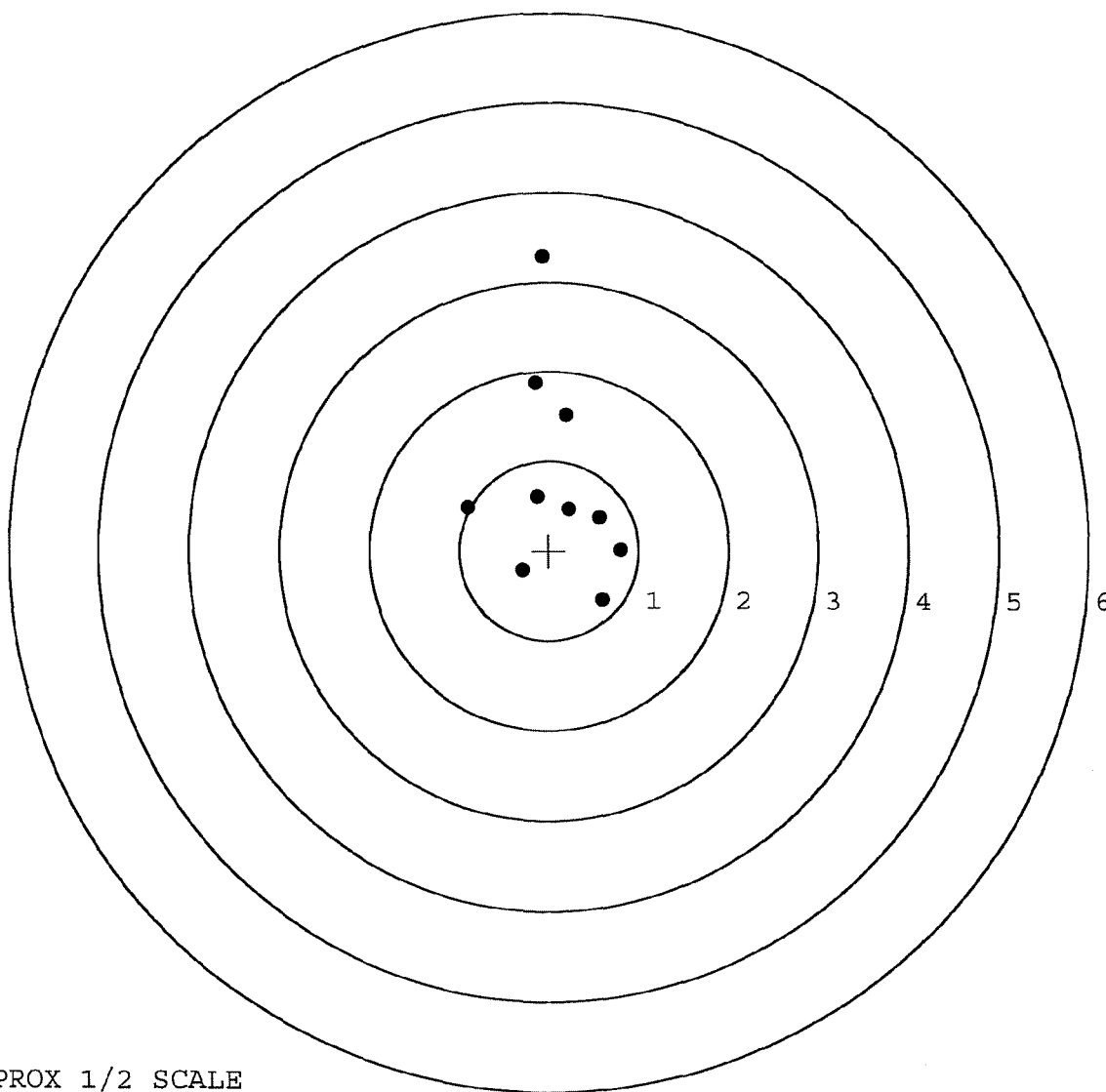
MAX RADIUS: 2.503

MEAN RADIUS: 1.021

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. __0

TARGET NUMBER: 2

FILE DATE: 04/12/2007

FILE TIME: 23:52

X CENTROID: -0.101

Y CENTROID: 0.179

POA TO CENTROID: 0.205

HORZ SPREAD: 2.161

VERT SPREAD: 2.026

GROUP SPREAD: 2.295

MIN RADIUS: 0.211

MAX RADIUS: 1.514

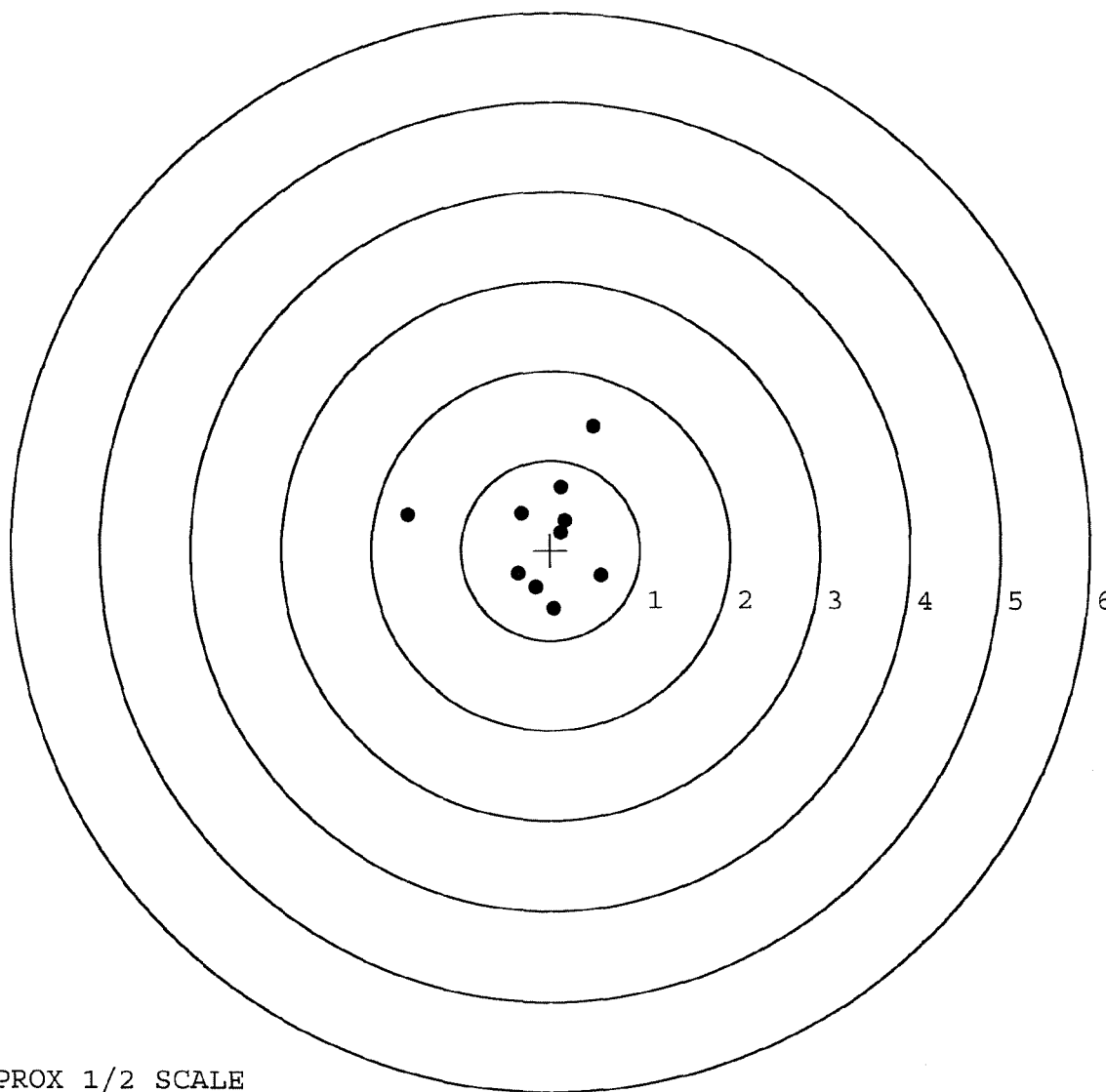
MEAN RADIUS: 0.701

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.327	0.413
2:	0.109	0.195
3:	0.116	0.705
4:	0.476	1.374
5:	0.562	-0.289
6:	0.034	-0.652
7:	-0.170	-0.414
8:	-0.364	-0.268
9:	-1.599	0.394
10:	0.154	0.328

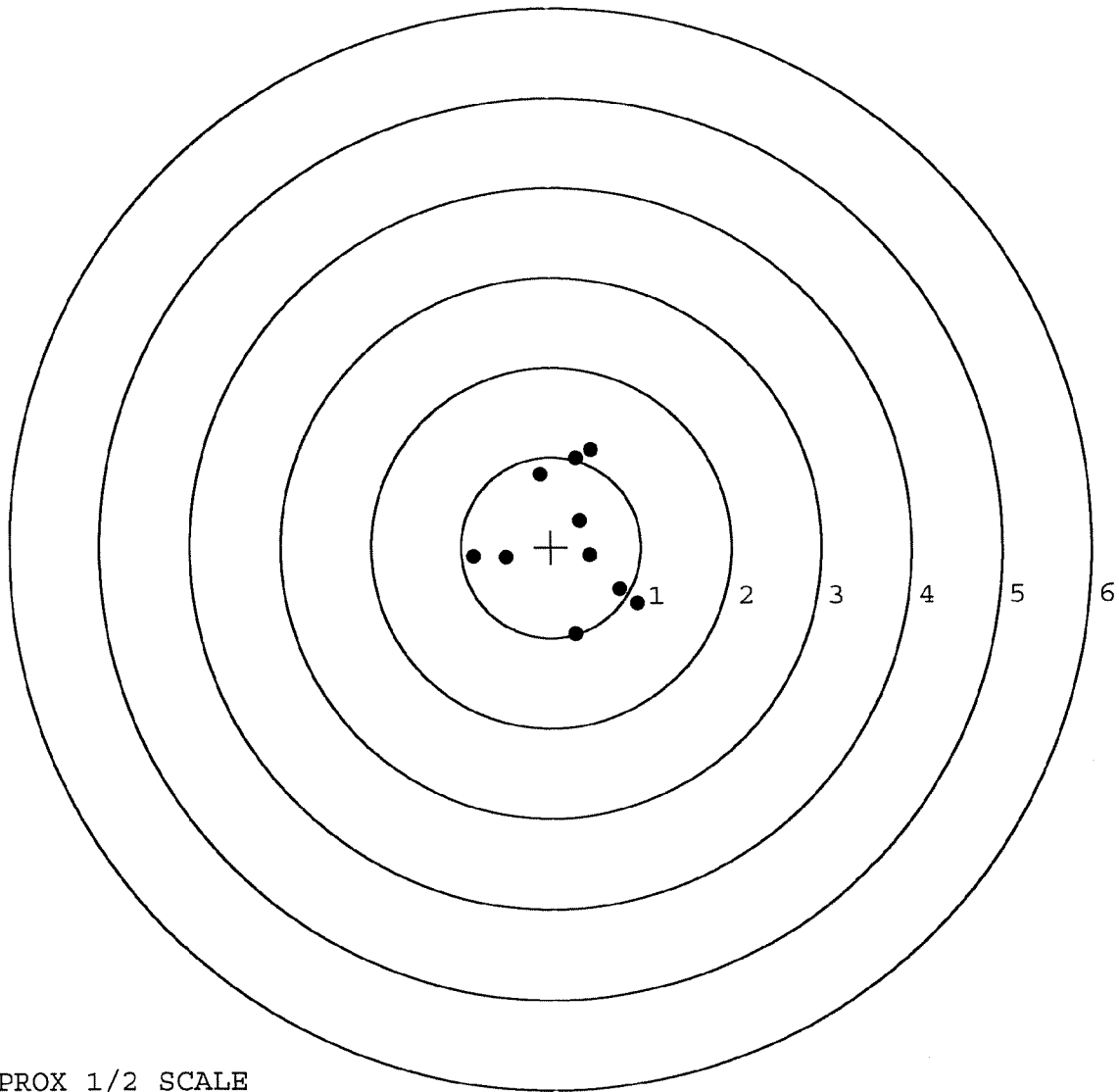


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. __0
 TARGET NUMBER: 3
 FILE DATE: 04/12/2007
 FILE TIME: 23:52

POINT#	X	Y
1:	-0.117	0.805
2:	0.281	0.986
3:	0.451	1.079
4:	0.430	-0.094
5:	0.765	-0.477
6:	0.959	-0.638
7:	0.270	-0.961
8:	-0.505	-0.115
9:	-0.865	-0.106
10:	0.322	0.292

X CENTROID: 0.199
 Y CENTROID: 0.077
 POA TO CENTROID: 0.214
 HORZ SPREAD: 1.824
 VERT SPREAD: 2.040
 GROUP SPREAD: 1.900
 MIN RADIUS: 0.248
 MAX RADIUS: 1.080
 MEAN RADIUS: 0.796
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

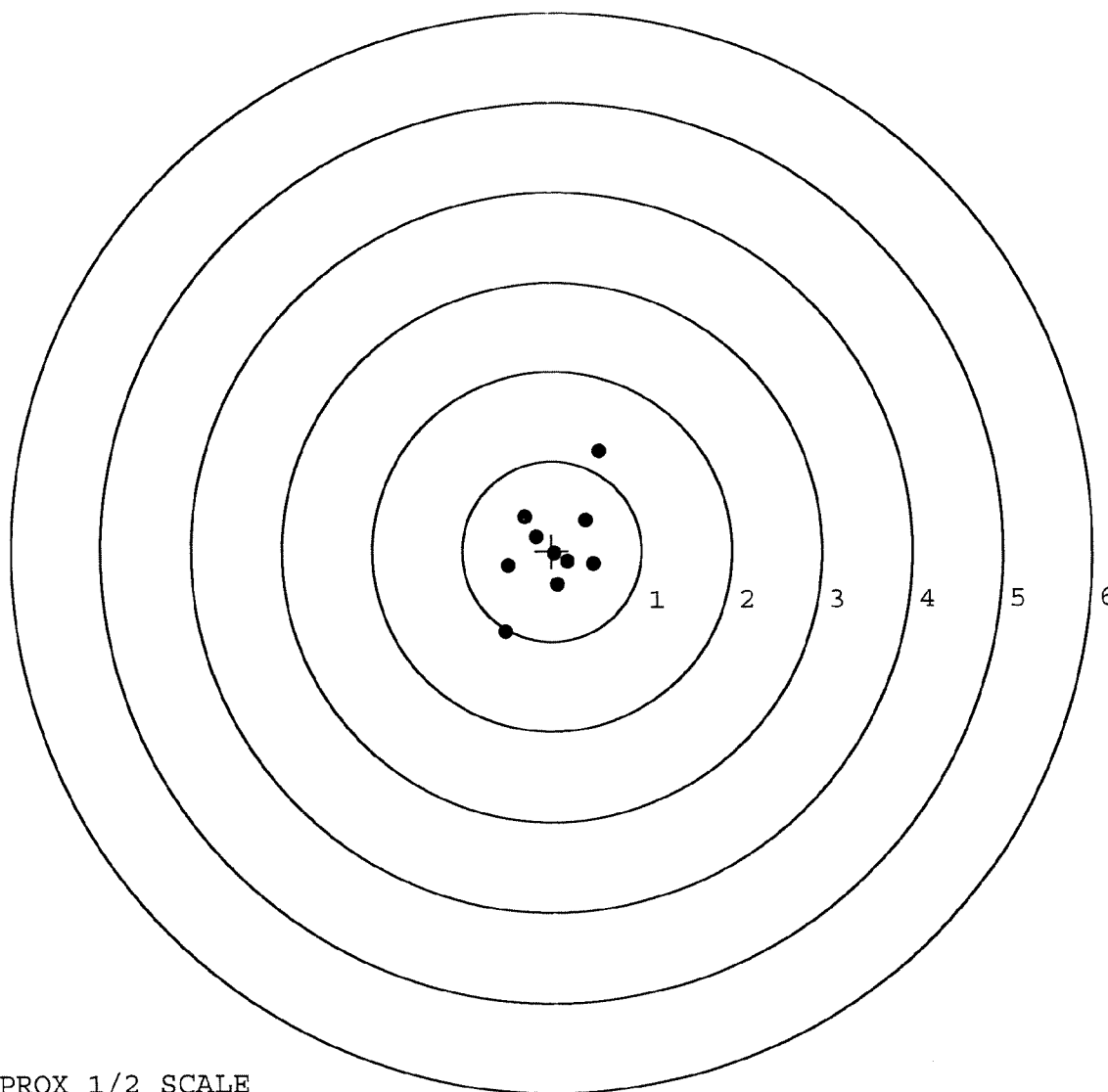


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. __0
 TARGET NUMBER: 4
 FILE DATE: 04/12/2007
 FILE TIME: 23:52

POINT#	X	Y
1:	-0.305	0.379
2:	-0.176	0.159
3:	0.029	-0.029
4:	0.385	0.334
5:	0.534	1.101
6:	-0.488	-0.166
7:	-0.523	-0.898
8:	0.178	-0.124
9:	0.462	-0.147
10:	0.063	-0.375

X CENTROID: 0.016
 Y CENTROID: 0.023
 POA TO CENTROID: 0.028
 HORZ SPREAD: 1.057
 VERT SPREAD: 1.999
 GROUP SPREAD: 2.261
 MIN RADIUS: 0.054
 MAX RADIUS: 1.196
 MEAN RADIUS: 0.515
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. 0

TARGET NUMBER: 5

FILE DATE: 04/12/2007

FILE TIME: 23:52

POINT#	X	Y
1:	0.248	-0.234
2:	0.802	-0.066
3:	0.263	0.190
4:	0.191	0.445
5:	-0.172	0.541
6:	-0.321	0.233
7:	-0.516	0.040
8:	-0.599	-0.342
9:	-0.189	-1.066
10:	-0.156	0.252

X CENTROID: -0.045

Y CENTROID: -0.001

POA TO CENTROID: 0.045

HORZ SPREAD: 1.401

VERT SPREAD: 1.607

GROUP SPREAD: 1.607

MIN RADIUS: 0.276

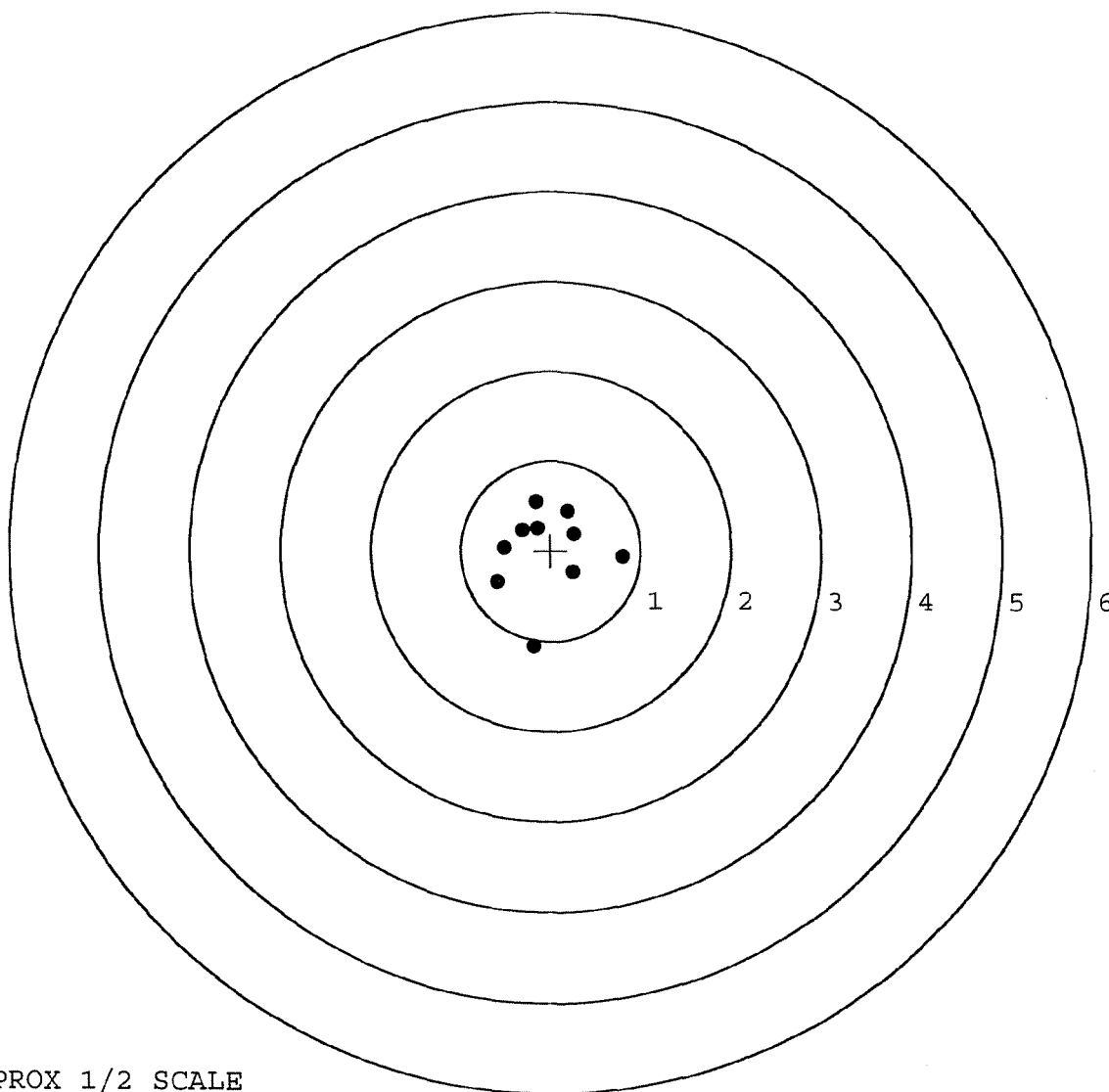
MAX RADIUS: 1.075

MEAN RADIUS: 0.548

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	126707		
SERIAL NUMBER	C6349020		
LOG-IN DATE	3-14-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-28-07	RTZ
505	RE-BARREL	4-3-07	RTZ
560	ASSEMBLE	4-3-07	RTZ
600	PROOF	INSPECTED	4-3-07 TRW
605	CHECK HEADSPACE	APR 05 2007	4-3-07 TRW
610	DIS-ASSEMBLE GUN	OPERATOR	4-4-07 RTZ
612	MAGNAFLUX	APD	4-3-07 APD
510	DRILL AND TAP		4-4-07 TRW
615	ROLLMARK CALIBER		4-5-07 CW
618	ROTO-BLAST		4-5-07 WB
620	APPLY COATINGS		4/9/07 TRW
625	FINAL ASSEMBLY		4-9-07 RTZ
640	FUNCTION TEST AND	PASS FAIL	4/10/07 TRW
650	TARGET	PASS FAIL	4/10/07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		4-18-07 RTZ
	A) HEADSPACE	PASS FAIL	4-18-07 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.64 2.77 2.59 2.76 2.62 4-17-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.25 5.25 4.75 4-17-07 TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.25 2.75 2.75 4-17-07 TRW
	I) FIRING PIN INDENT	.020	.0235 .0235 .0235 4-17-07 TRW
690	PACK		4-18-07 RTZ

Repair Inquiry

Repair Number: RE00083266

Serial: C6349020 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1990

Repairman:

Verify Repair:

Status:

Closed 7/29/2004 7:56:27 AM

Address Information

Customer:

Received From:

Return To:

Received From:

Name: TRANSPORTATION OFFICE

TRANSPORTATION OFFICE

Address 1: BLDG 330

BLDG 330

Address 2: 4885 CHILES AVE

PO Box:

4885 CHILES AVE

PO Box:

City: FORT CARSON

FORT CARSON

State: CO

Zip Code: 80913

Country: US

State: CO

Zip Code: 80913

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: 719 526 4211

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A008	With Swivel	2
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1

Repair Search

Refresh

Close

hagletj

7/30/2004

1:40 PM

CAPS

NUM

INS

SCPL

start

3

3

2

2

2

Arms

3

3

3

3

Serial Number: C6349020

Model: M24 SWS



RE00083266

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349020.__0
FILE DATE AND TIME: 11/27/2001 02:14

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.015
The Average Y Centroid of the Five Target Set:	0.083
The Average Point of Impact of the Five Target Set:	0.085
The Average Mean Radius of the Five Target Set:	1.000
The Distance from POA to Centroid Target #1:	0.139
The Distance from Centroid Target #2 to Centroid Target #1:	0.173
The Distance from Centroid Target #3 to Centroid Target #1:	0.067
The Distance from Centroid Target #4 to Centroid Target #1:	0.407
The Distance from Centroid Target #5 to Centroid Target #1:	0.273

SERIAL NUMBER: C6349020. __0

TARGET NUMBER: 1

FILE DATE: 11/27/2001

FILE TIME: 02:14

POINT#	X	Y
1:	0.654	1.113
2:	0.324	0.810
3:	0.033	0.927
4:	-0.404	0.516
5:	-0.305	0.101
6:	0.520	0.272
7:	0.454	-0.504
8:	0.359	-1.150
9:	-0.908	-0.548
10:	-1.052	-0.186

X CENTROID: -0.032

Y CENTROID: 0.135

POA TO CENTROID: 0.139

HORZ SPREAD: 1.706

VERT SPREAD: 2.263

GROUP SPREAD: 2.282

MIN RADIUS: 0.275

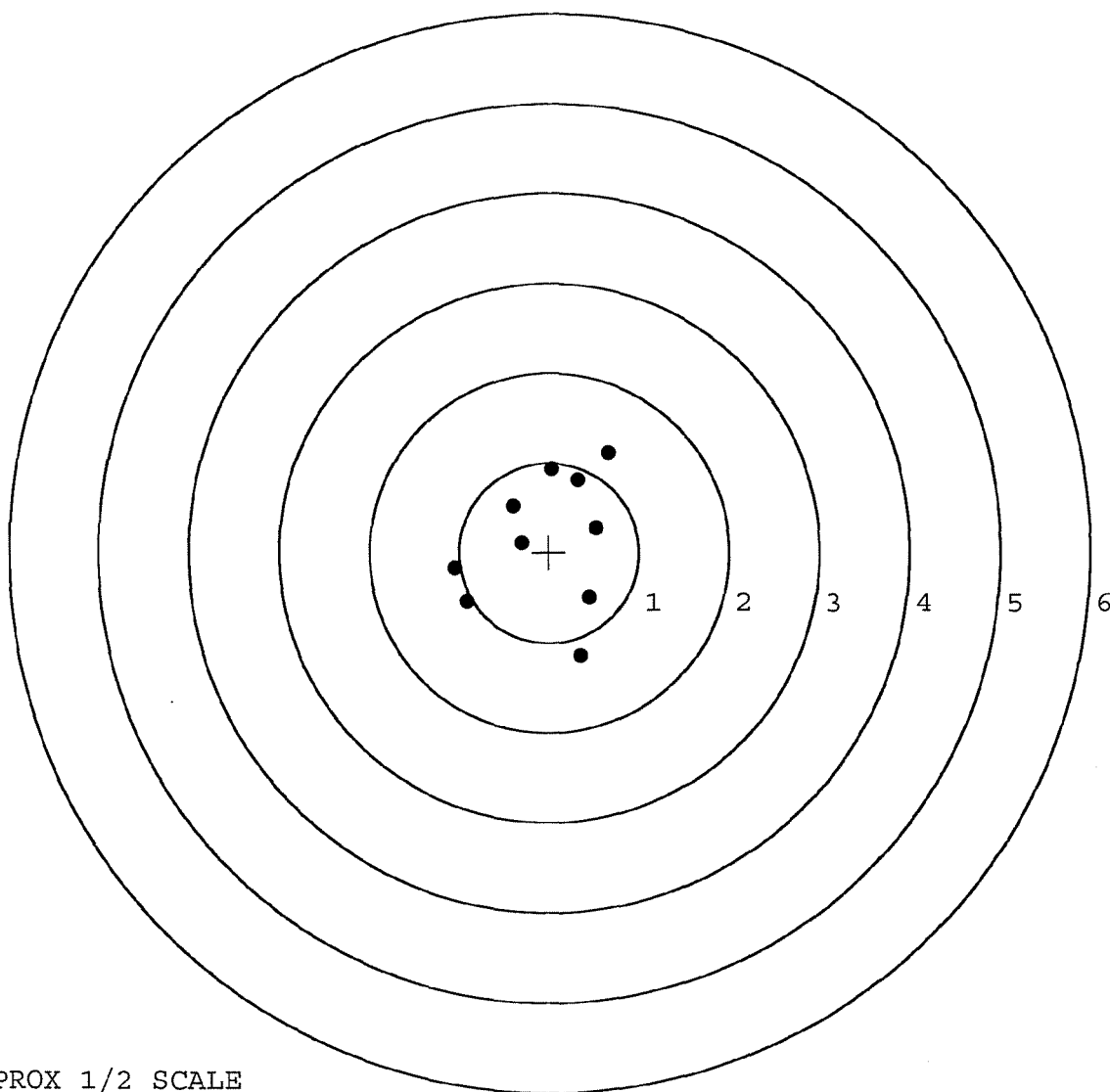
MAX RADIUS: 1.343

MEAN RADIUS: 0.845

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

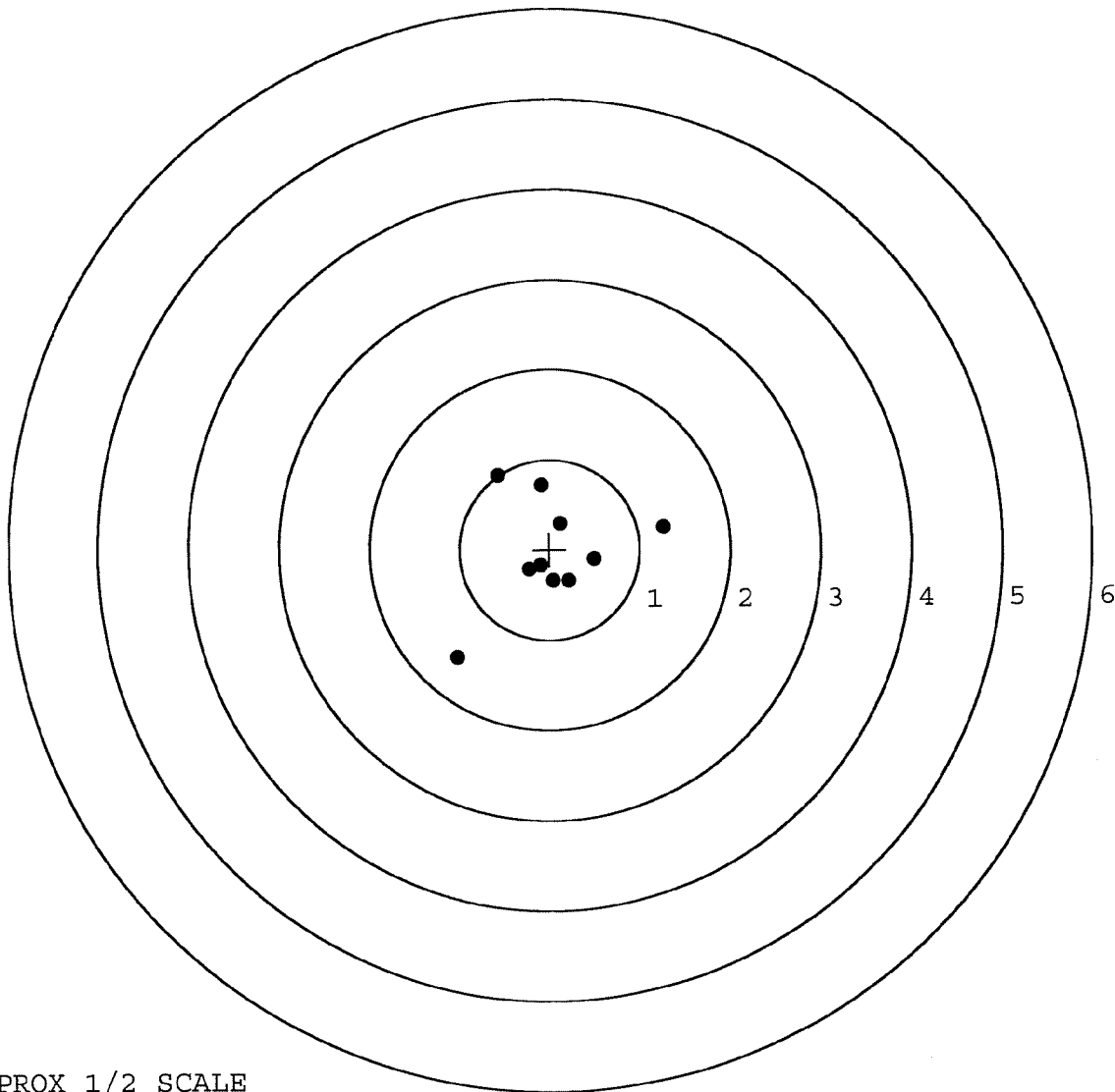


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. __0
 TARGET NUMBER: 2
 FILE DATE: 11/27/2001
 FILE TIME: 02:14

POINT#	X	Y
1:	-0.571	0.833
2:	-0.093	0.715
3:	1.265	0.241
4:	0.121	0.293
5:	0.496	-0.113
6:	0.215	-0.352
7:	0.044	-0.353
8:	-0.104	-0.177
9:	-0.231	-0.224
10:	-1.030	-1.190

X CENTROID: 0.011
 Y CENTROID: -0.033
 POA TO CENTROID: 0.035
 HORZ SPREAD: 2.295
 VERT SPREAD: 2.023
 GROUP SPREAD: 2.705
 MIN RADIUS: 0.185
 MAX RADIUS: 1.557
 MEAN RADIUS: 0.667
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. __0

TARGET NUMBER: 3

FILE DATE: 11/27/2001

FILE TIME: 02:14

POINT#	X	Y
1:	-0.700	1.604
2:	-0.062	1.012
3:	0.267	0.940
4:	0.372	0.638
5:	0.980	-0.308
6:	0.831	-0.961
7:	-0.133	-1.640
8:	-0.074	-0.109
9:	-0.498	-0.442
10:	-0.935	0.066

X CENTROID: 0.005

Y CENTROID: 0.080

POA TO CENTROID: 0.080

HORZ SPREAD: 1.915

VERT SPREAD: 3.244

GROUP SPREAD: 3.293

MIN RADIUS: 0.205

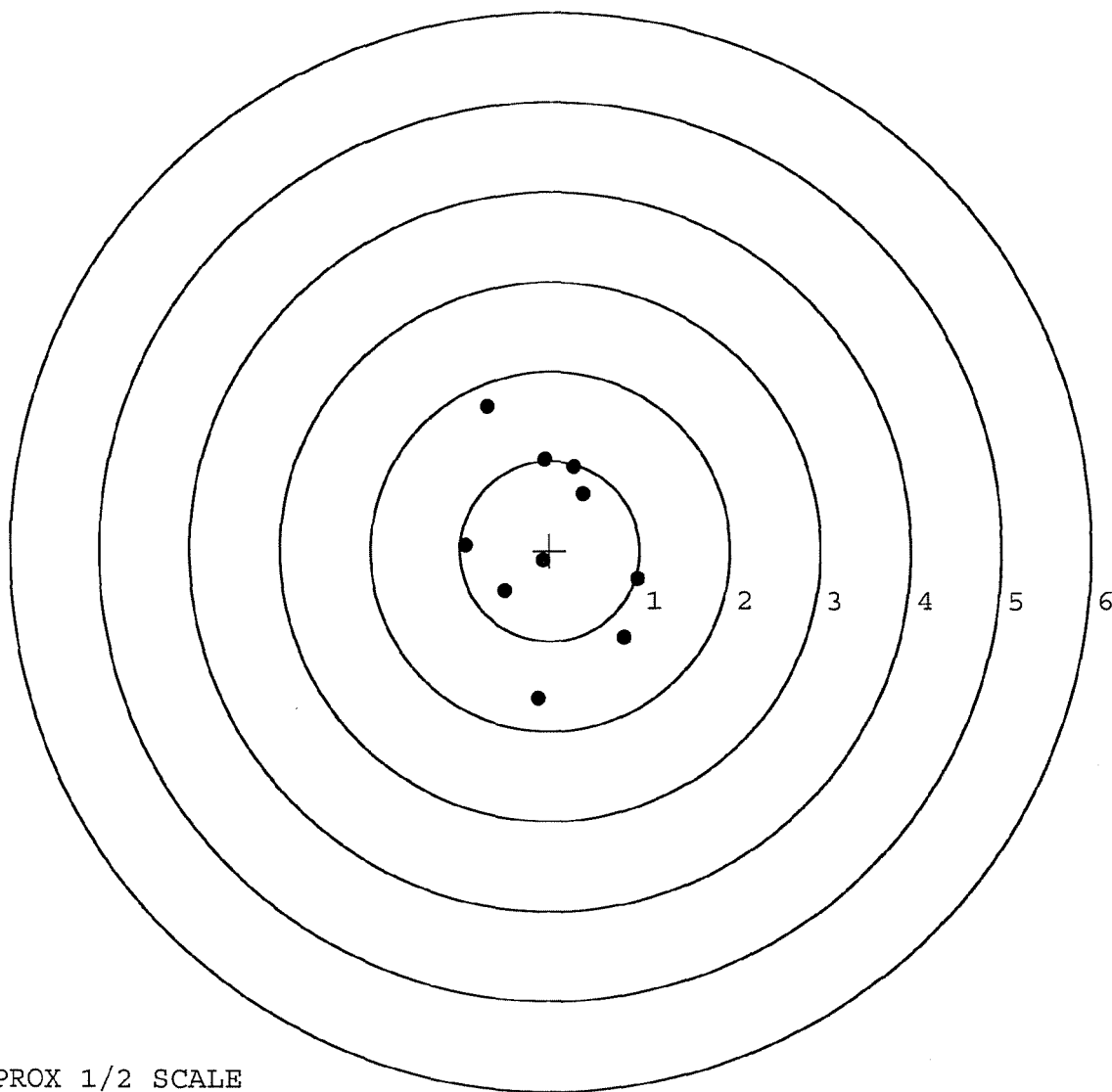
MAX RADIUS: 1.726

MEAN RADIUS: 1.015

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. 0

TARGET NUMBER: 4

FILE DATE: 11/27/2001

FILE TIME: 02:14

POINT#	X	Y
1:	0.237	2.305
2:	-1.439	0.060
3:	0.258	0.757
4:	0.796	0.126
5:	1.382	-0.155
6:	0.093	0.148
7:	0.069	-0.135
8:	-0.216	-0.691
9:	0.150	-2.071
10:	1.478	-1.592

X CENTROID: 0.281

Y CENTROID: -0.125

POA TO CENTROID: 0.307

HORZ SPREAD: 2.917

VERT SPREAD: 4.376

GROUP SPREAD: 4.377

MIN RADIUS: 0.212

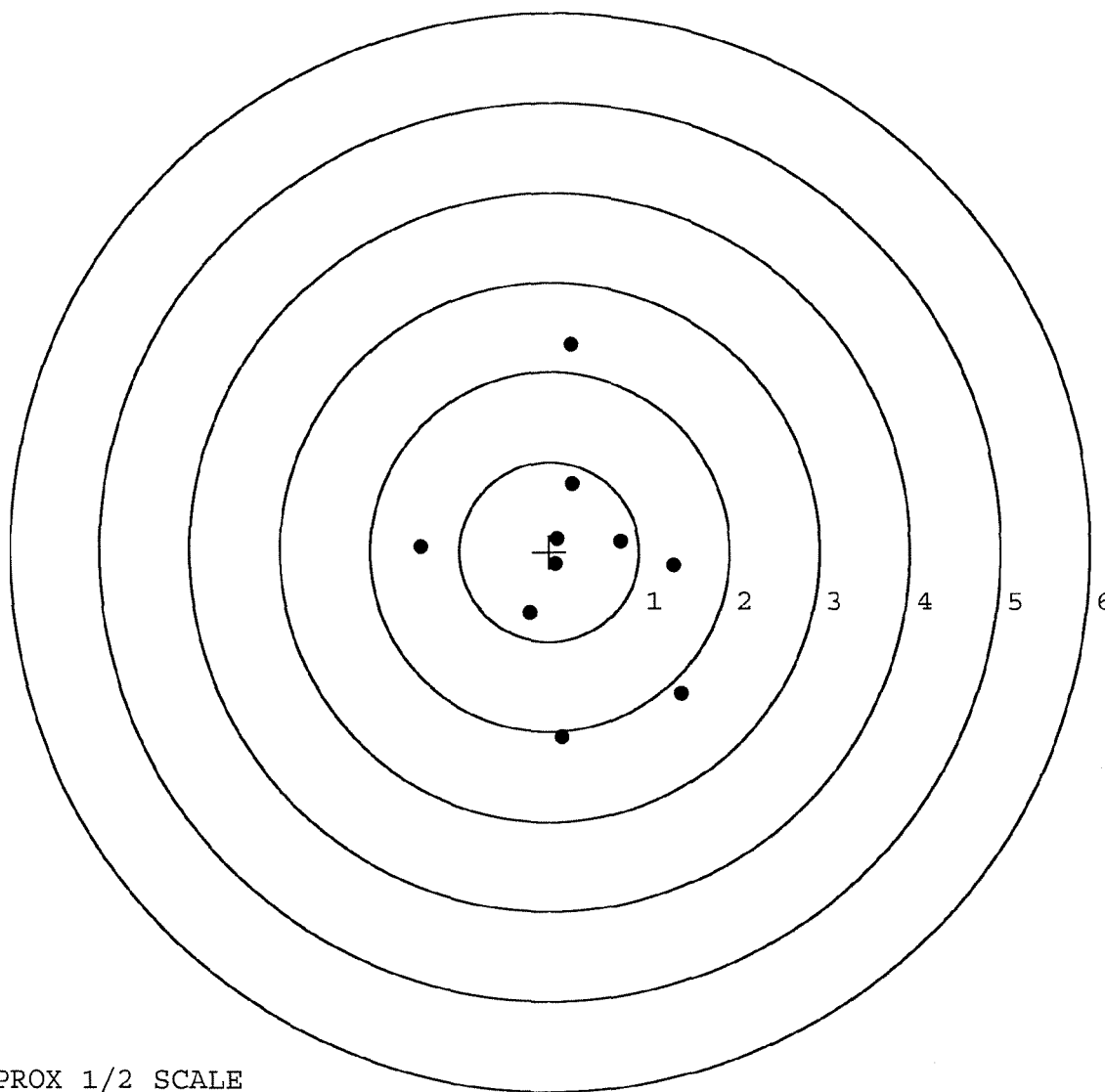
MAX RADIUS: 2.430

MEAN RADIUS: 1.186

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. 0

TARGET NUMBER: 5

FILE DATE: 11/27/2001

FILE TIME: 02:14

POINT#	X	Y
1:	2.102	1.265
2:	0.801	0.984
3:	-0.019	1.414
4:	-1.647	1.176
5:	-1.630	0.301
6:	-0.503	0.552
7:	0.181	0.279
8:	0.412	0.244
9:	-1.211	-1.028
10:	-0.364	-1.589

X CENTROID: -0.188

Y CENTROID: 0.360

POA TO CENTROID: 0.406

HORZ SPREAD: 3.749

VERT SPREAD: 3.003

GROUP SPREAD: 4.029

MIN RADIUS: 0.369

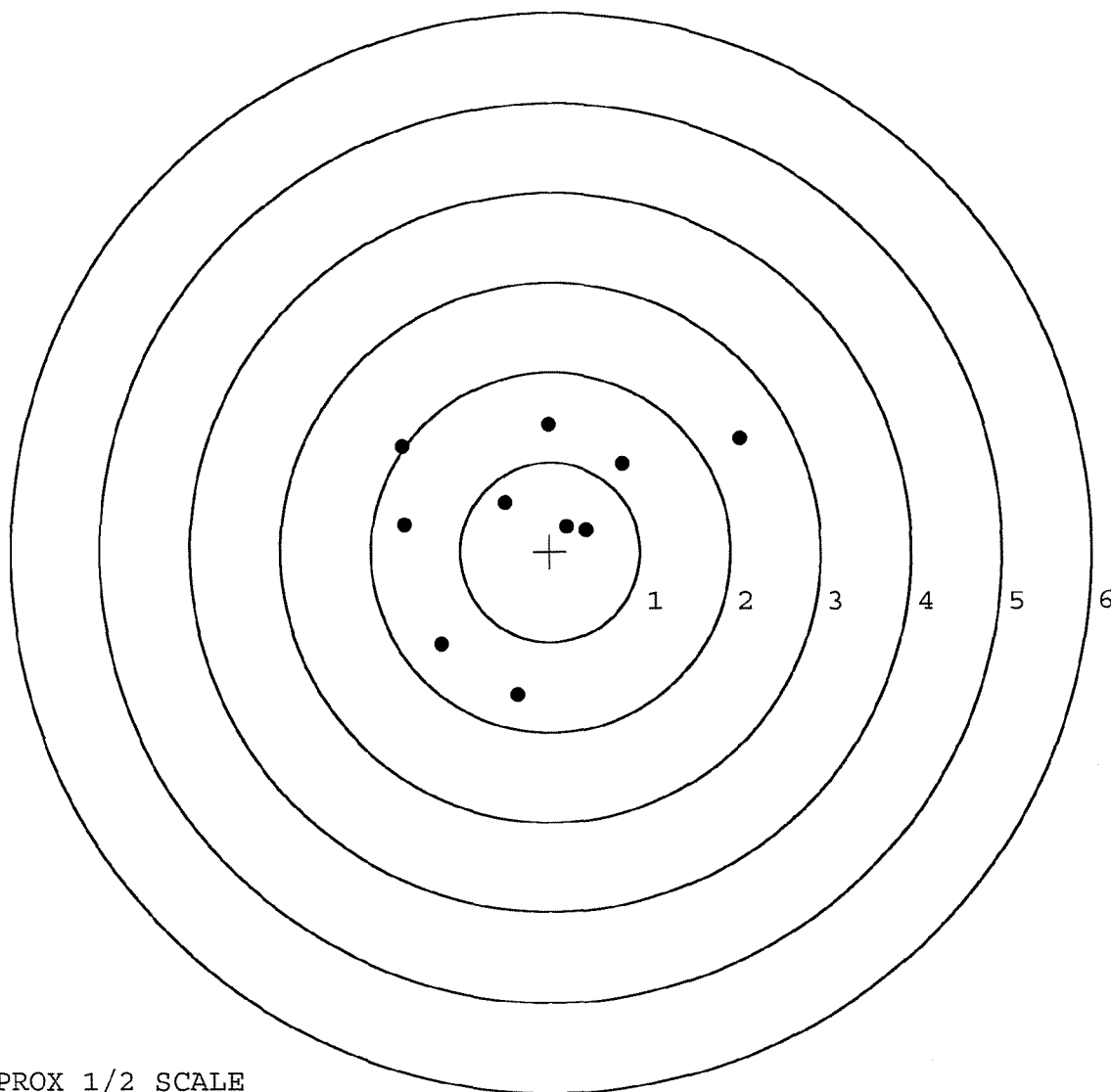
MAX RADIUS: 2.462

MEAN RADIUS: 1.285

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

BARBER - M24 0105829L INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C 6349020 INSPECTED BY: RTZ

DATE REC'D: 7-28-04 DATE RET'D: 8-17-04

ITEM

BARREL ASSEMBLY

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

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

R & E NUMBER	83266		
SERIAL NUMBER	C60349020		
LOG-IN DATE	7-29-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-9-04	RTL
560 A	RE-BARREL	8-9-04	RTL
B	DRILL AND TAP	8-9-04	TRW
575	ASSEMBLE	8-10-04	RTL
600	PROOF	8-10-04	RTL
605	CHECK HEADSPACE	8-10-04	RTL
610	DIS-ASSEMBLE GUN	8-10-04	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	8/11/04	JB
618	ROTO-BLAST	8/12/04	DG
620	APPLY COATINGS	8/12	HP
625 A	FINAL ASSEMBLY	8-13-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-16-04	AC
655	FINAL INSPECT	8-17-04	RTL
660	PACK	8-17-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

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: **RE00035075** Serial: C6349020 Model: 700 Center Fire Caliber: 7.62 NATO SWS M24 Repairman: Status: Closed 11/25/01 7:16:01 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **BLDG 330** **BLDG 330**

Address 2: **4851 CHILES AVE** **4851 CHILES AVE** PO Box: **PO Box**

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1
X001	Deployment Kit	1

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

radel 11/25/01 7:41 AM CAPS NUM INS SFL

Start Inb Cal RE Ar Tho Rac SW Isra 7:41 AM

Serial Number:

C6349020Model: **700****RE00035075**

(No Bolt)

Bob

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349020.__0
FILE DATE AND TIME: 11/27/2001 02:14

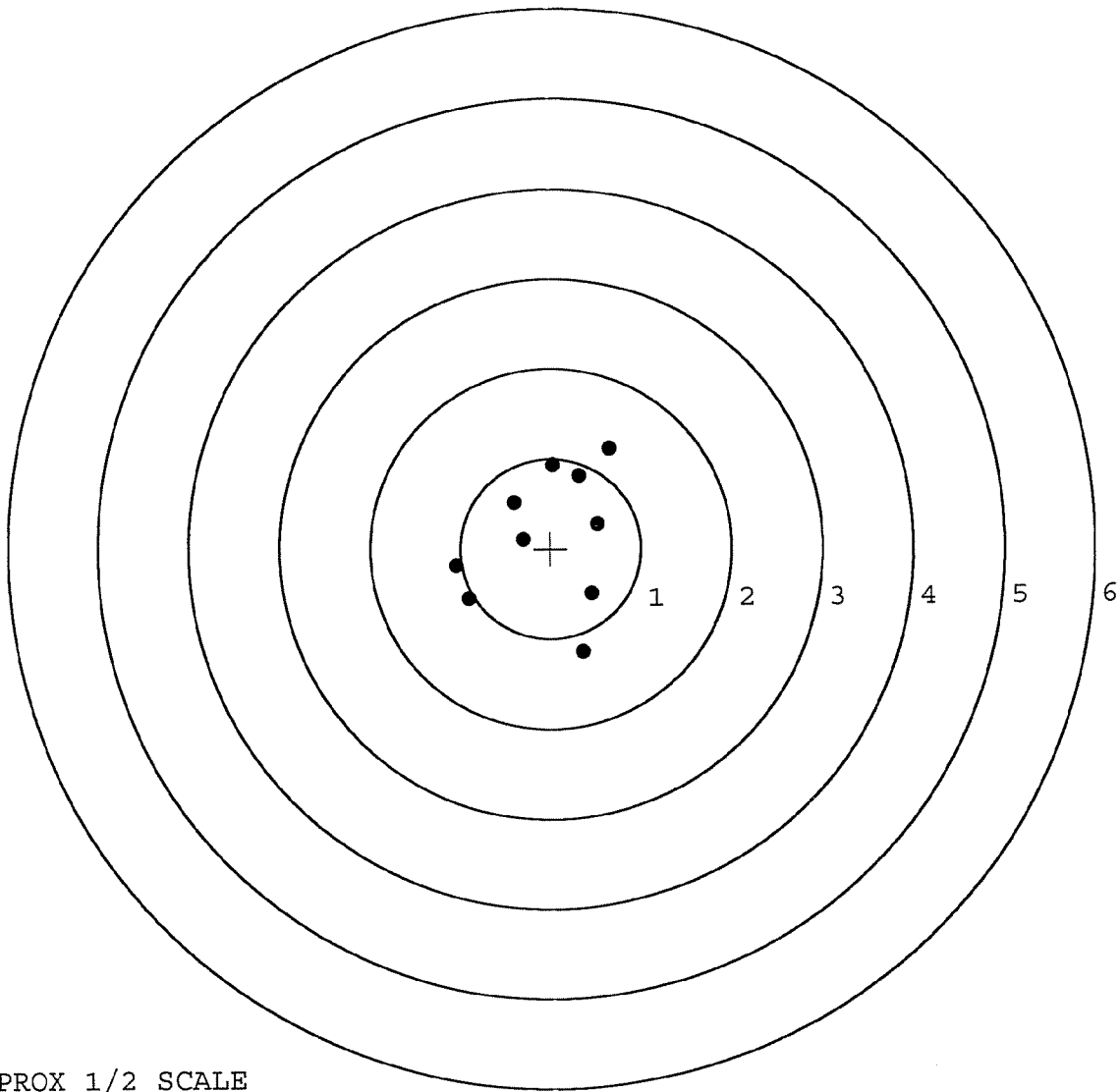
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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The Average Y Centroid of the Five Target Set:	0.083
The Average Point of Impact of the Five Target Set:	0.085
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The Distance from Centroid Target #4 to Centroid Target #1:	0.407
The Distance from Centroid Target #5 to Centroid Target #1:	0.273

SERIAL NUMBER: C6349020. __0
 TARGET NUMBER: 1
 FILE DATE: 11/27/2001
 FILE TIME: 02:14

POINT#	X	Y
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6:	0.520	0.272
7:	0.454	-0.504
8:	0.359	-1.150
9:	-0.908	-0.548
10:	-1.052	-0.186

X CENTROID: -0.032
 Y CENTROID: 0.135
 POA TO CENTROID: 0.139
 HORZ SPREAD: 1.706
 VERT SPREAD: 2.263
 GROUP SPREAD: 2.282
 MIN RADIUS: 0.275
 MAX RADIUS: 1.343
 MEAN RADIUS: 0.845
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

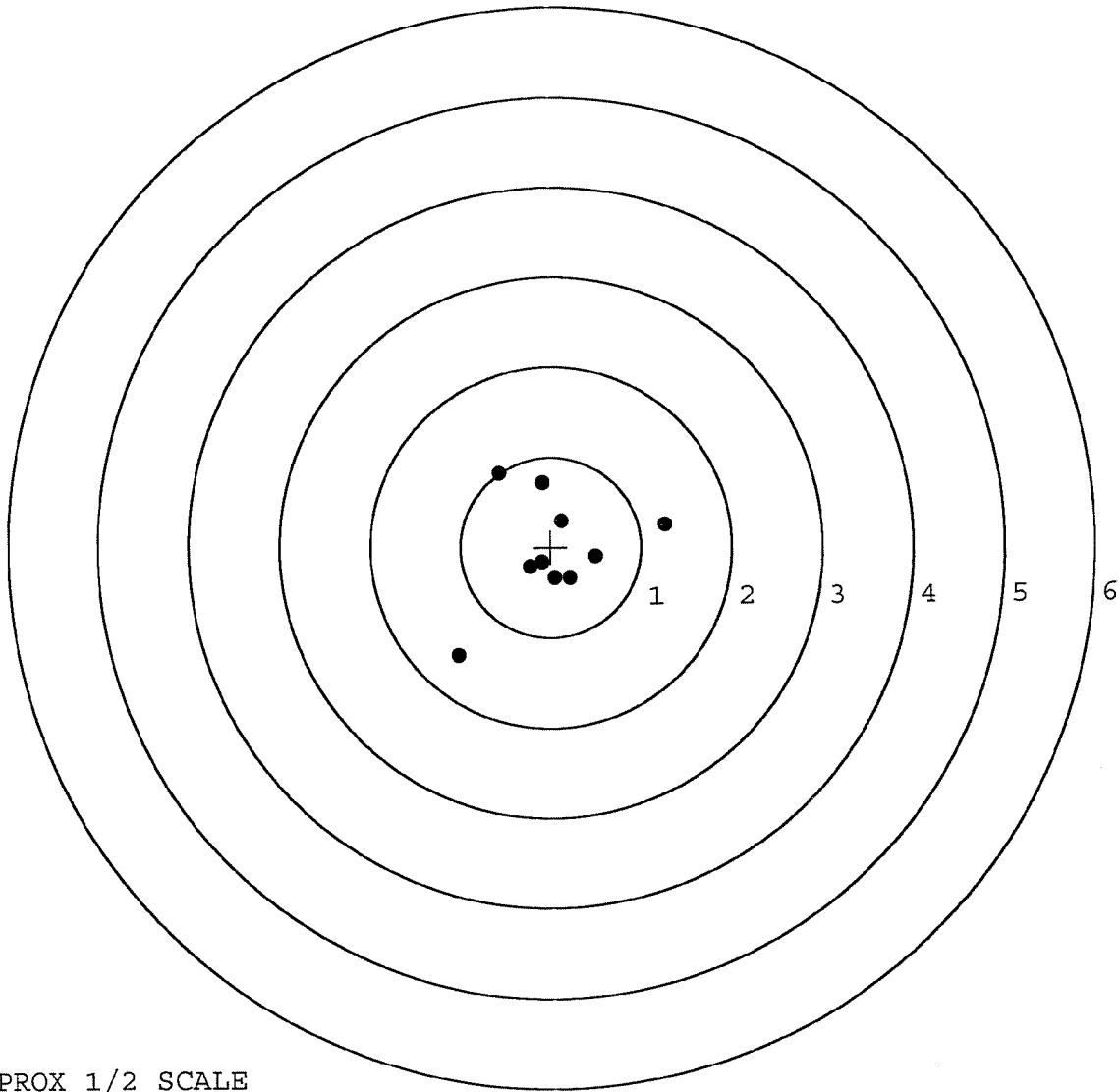


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. __0
 TARGET NUMBER: 2
 FILE DATE: 11/27/2001
 FILE TIME: 02:14

X CENTROID: 0.011
 Y CENTROID: -0.033
 POA TO CENTROID: 0.035
 HORZ SPREAD: 2.295
 VERT SPREAD: 2.023
 GROUP SPREAD: 2.705
 MIN RADIUS: 0.185
 MAX RADIUS: 1.557
 MEAN RADIUS: 0.667
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.571	0.833
2:	-0.093	0.715
3:	1.265	0.241
4:	0.121	0.293
5:	0.496	-0.113
6:	0.215	-0.352
7:	0.044	-0.353
8:	-0.104	-0.177
9:	-0.231	-0.224
10:	-1.030	-1.190

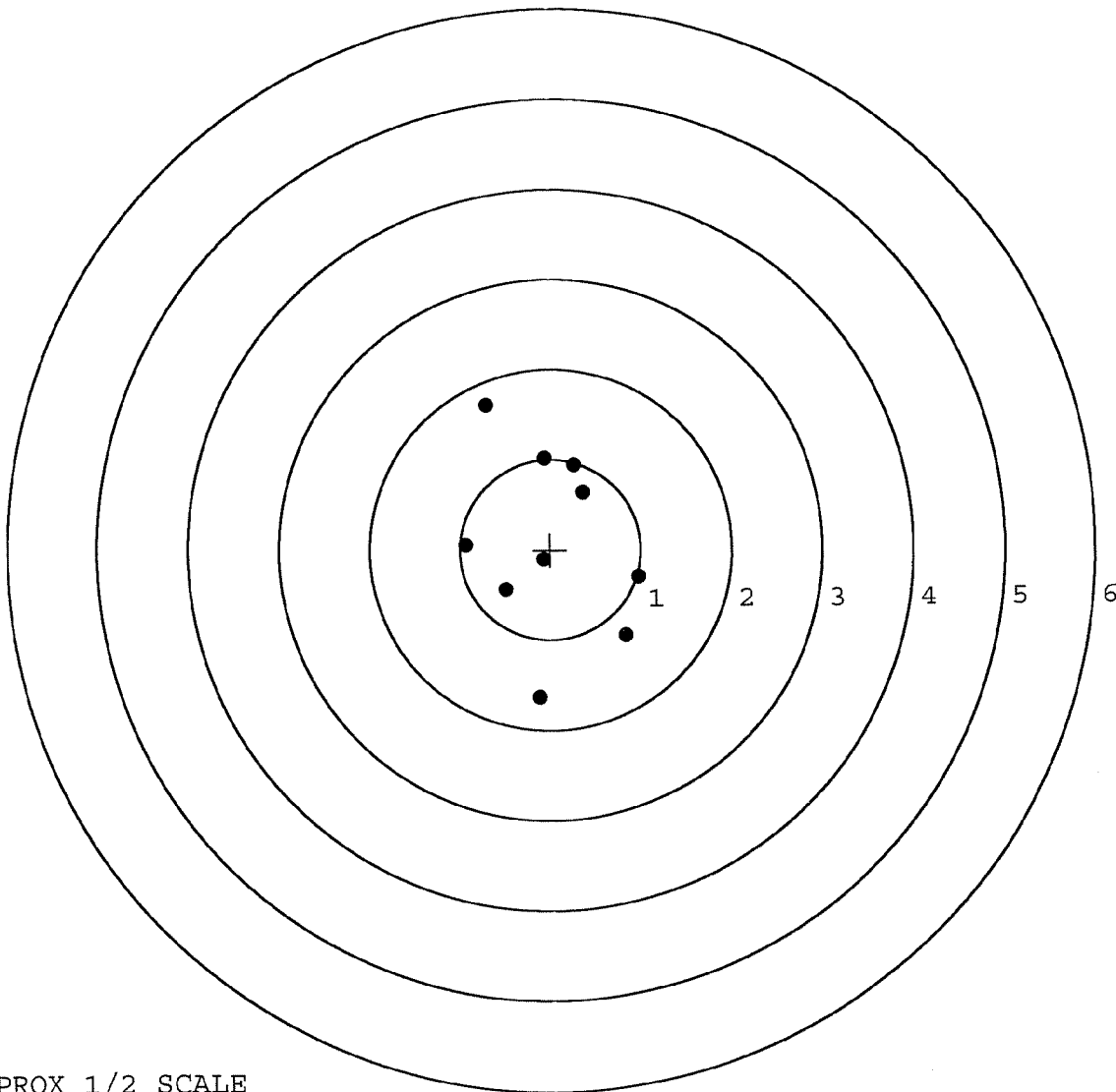


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. __0
 TARGET NUMBER: 3
 FILE DATE: 11/27/2001
 FILE TIME: 02:14

X CENTROID: 0.005
 Y CENTROID: 0.080
 POA TO CENTROID: 0.080
 HORZ SPREAD: 1.915
 VERT SPREAD: 3.244
 GROUP SPREAD: 3.293
 MIN RADIUS: 0.205
 MAX RADIUS: 1.726
 MEAN RADIUS: 1.015
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.700	1.604
2:	-0.062	1.012
3:	0.267	0.940
4:	0.372	0.638
5:	0.980	-0.308
6:	0.831	-0.961
7:	-0.133	-1.640
8:	-0.074	-0.109
9:	-0.498	-0.442
10:	-0.935	0.066

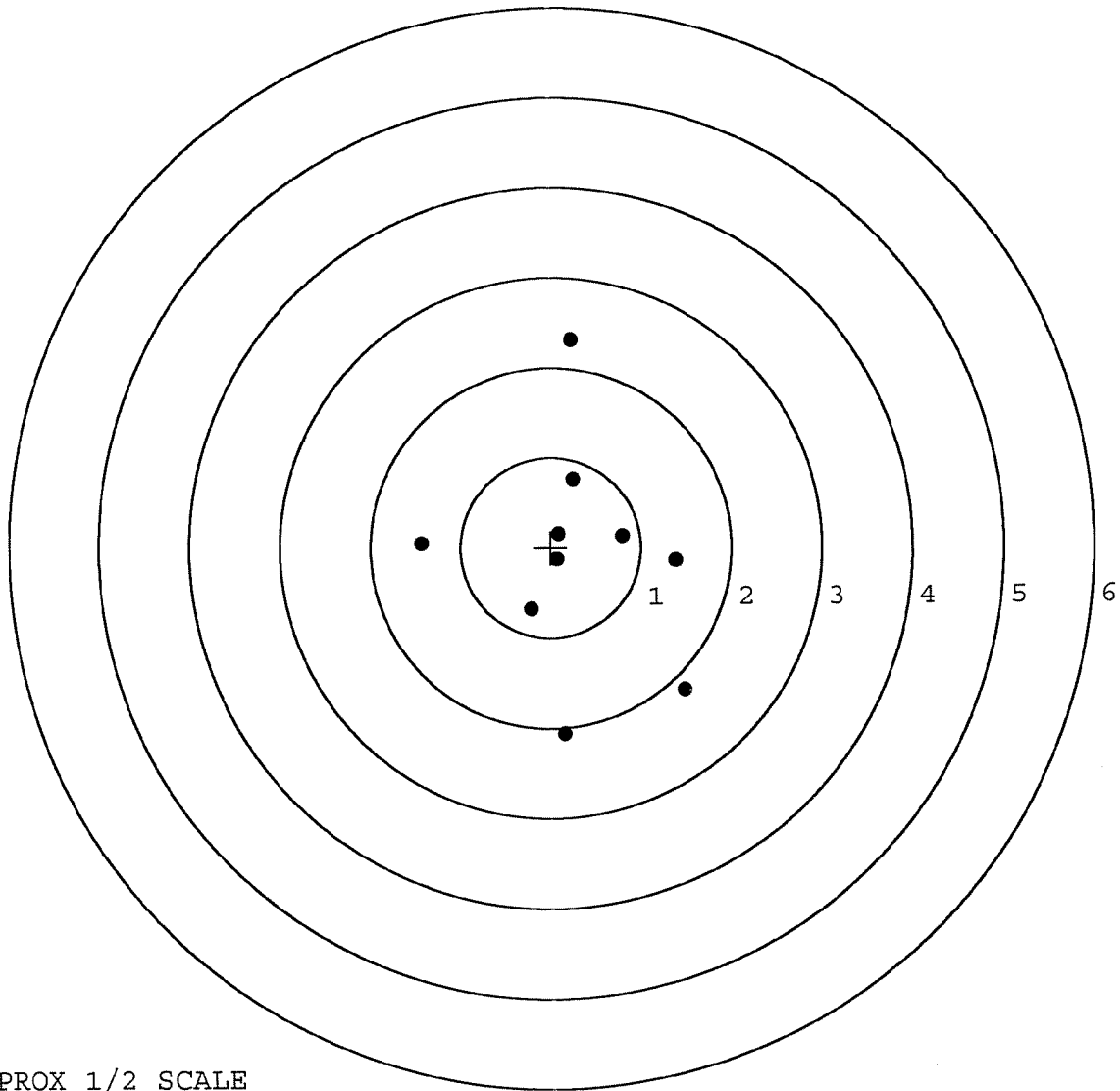


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. __ 0
 TARGET NUMBER: 4
 FILE DATE: 11/27/2001
 FILE TIME: 02:14

POINT#	X	Y
1:	0.237	2.305
2:	-1.439	0.060
3:	0.258	0.757
4:	0.796	0.126
5:	1.382	-0.155
6:	0.093	0.148
7:	0.069	-0.135
8:	-0.216	-0.691
9:	0.150	-2.071
10:	1.478	-1.592

X CENTROID: 0.281
 Y CENTROID: -0.125
 POA TO CENTROID: 0.307
 HORZ SPREAD: 2.917
 VERT SPREAD: 4.376
 GROUP SPREAD: 4.377
 MIN RADIUS: 0.212
 MAX RADIUS: 2.430
 MEAN RADIUS: 1.186
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6349020. 0

TARGET NUMBER: 5

FILE DATE: 11/27/2001

FILE TIME: 02:14

POINT#	X	Y
1:	2.102	1.265
2:	0.801	0.984
3:	-0.019	1.414
4:	-1.647	1.176
5:	-1.630	0.301
6:	-0.503	0.552
7:	0.181	0.279
8:	0.412	0.244
9:	-1.211	-1.028
10:	-0.364	-1.589

X CENTROID: -0.188

Y CENTROID: 0.360

POA TO CENTROID: 0.406

HORZ SPREAD: 3.749

VERT SPREAD: 3.003

GROUP SPREAD: 4.029

MIN RADIUS: 0.369

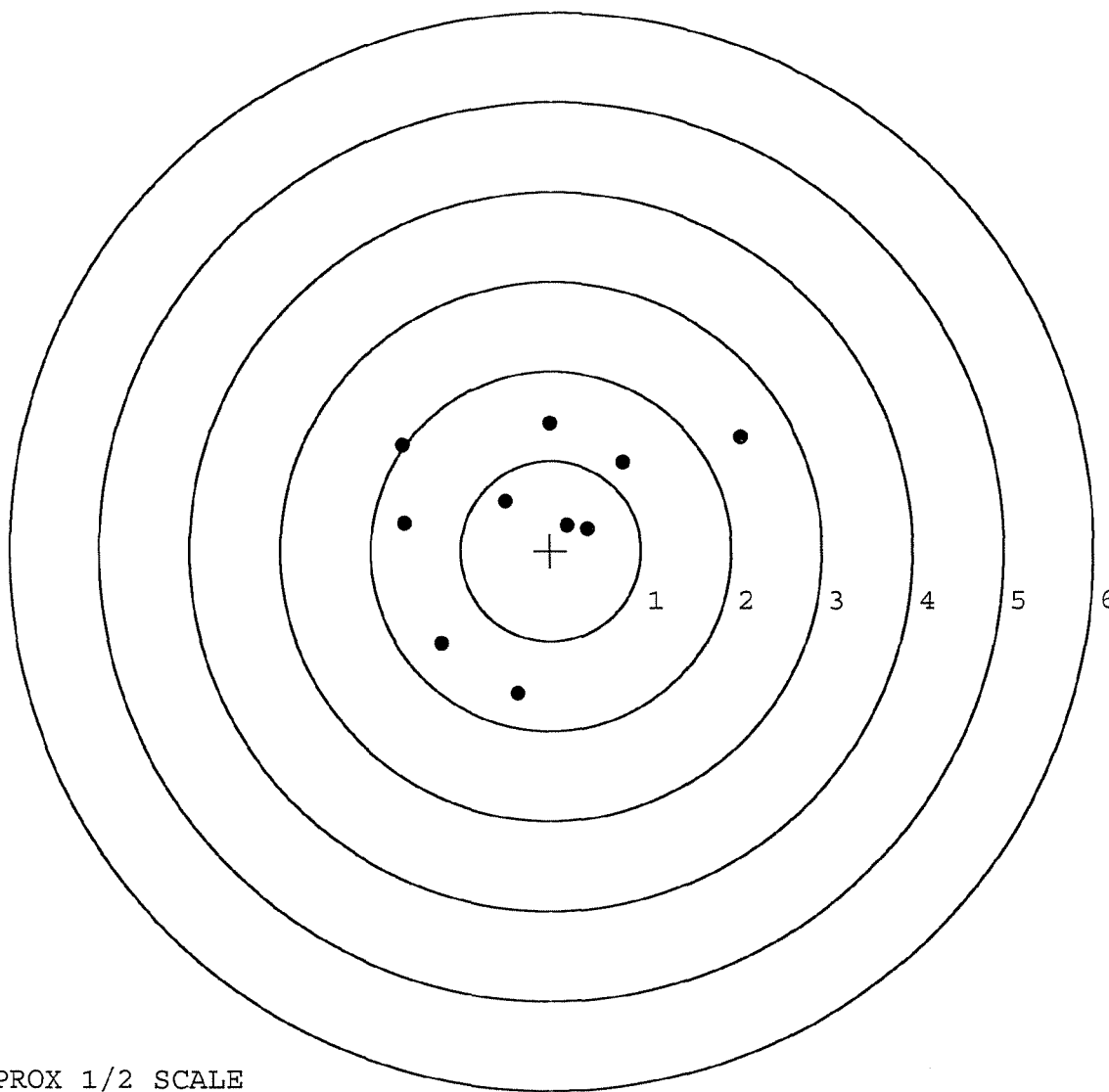
MAX RADIUS: 2.462

MEAN RADIUS: 1.285

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

Final Inspection

In: C6349020

DATE REC'D: 11-1-01

DATE RET'D: 11-28-01

Inspector: BKH

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	35075		
SERIAL NUMBER	C6349020		
LOG-IN DATE	11-5-01		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	11-6-01	RJR
560 A	RE-BARREL	11/8	BWT
B	DRILL AND TAP	11/8	BWT
575	ASSEMBLE	11-9-01	RJR
600	PROOF MAGNA - FLUX INSPECTED	11-9-01	RJR
605	CHECK HEADSPACE	11-9-01	RJR
610	DIS-ASSEMBLE GUN	11-9-01	RJR
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	11/12	RJR
618	ROTO-BLAST	11/14	RJR
620	APPLY COATINGS	11-15	TA
625 A	FINAL ASSEMBLY	11-27-01	RJR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-27-01	EK
655	FINAL INSPECT	11-28-01	RJR
660	PACK	11-28-01	RJR
		SHIP DATE	
	QAR INSPECTION DATE		

GUN SERIAL #

C6349020

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12-20 89	RW
600	Proof		12-20 89	A
607	Check Headspace		12-20 89	A
610	Dis-assemble Gun		12-20 89	RW
612	Magnaflux Barrel Action		1-5-90	KCR
	Magnaflux Bolt		1-5-90	
615	Rollmark Caliber		1/5/90	JS
617	Drill and Tap Sight Holes		1/8/90	FB
618	Polish Barrel RB		1/9/90	WB
620	Apply Coatings (Barrel Action)		1-5-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		1/16/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/16/90	RW
	C) Inspect Ejector Hole for Chamfer		1/16/90	RW
	D) Oil Firing Pin Ass'y		1/16/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1/18/90	JS

BARBER - M24 0105841								
op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			1-19-90	gll
	G) Safety Off Force	3	3	3			1-19-90	gll
	H) Trigger Pull Test & Retainability						18/12/90	gll
	I) Firing Pin Indent	.023	.022	.023			1-19-90	gll
	J) Assemble Stock						3/5/90	RW
	K) Assemble Swivel Studs						3/12/90	WB
	L) Attach Front and Rear Sight Assemblies						3/5/90	RW
	M) Iron Sight Alignment						3/5/90	RW
	N) Detach Front & Rear Sights & place in numbered container						3/5/90	RW
	O) Attach Scope to Rifle						3/6/90	WB
	P) Detach & Attach Scope 20 Times						3/6/90	WB
640	Gallery Target & Test						3-7-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						3-7-90	A
655	Final Inspection A) Headspace						3/12/90	WB
	B) Trigger Pull	2.31	2.37	2.39	2.38	2.40	3/12/90	ES
	C) Function						3/12/90	WB
660	Pack						6-19-90	D/H

MOD.		GA. CAL.	GUN # 6349020
# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Shaver Brass	RW
	2nd	Ream Ejector Hole & Polish Ejector	3/15/90 Dru
	3rd	March 19, 1990 100 Rd AC (OK)	
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6349020DATE 18 Jan 90TESTER Q28

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.36	2.25	2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.32	2.35	2.37	
PULL #3	2.27	2.37	2.35	2.39	
PULL #4	2.36	2.37	2.30	2.38	
PULL #5	2.38	2.36	2.28	2.40	
TOTAL	11.65	11.78	11.53		
AVG.	2.33	2.356	2.306		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.95	2.95		
PULL #2	3.02	3.03		
PULL #3	3.07	3.06		
PULL #4	3.03	3.04		
PULL #5	3.09	3.09		
TOTAL	15.16	15.17		
AVG.	3.032	3.034		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.04	3.86		3.72
PULL #2	4.02	3.87		3.91
PULL #3	3.89	3.86		3.85
PULL #4	4.00	3.92		3.91
PULL #5	4.02	3.92		3.99
TOTAL	19.95	19.43		19.38
AVG.	3.99	3.886		3.876

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6349020
7 Mar 1990

CENTROIDAL DISTANCES

0	TO	1	.552612
1	TO	2	.305005
1	TO	3	.405109
1	TO	4	.655147
1	TO	5	.486087

4
21
15

(-----POA

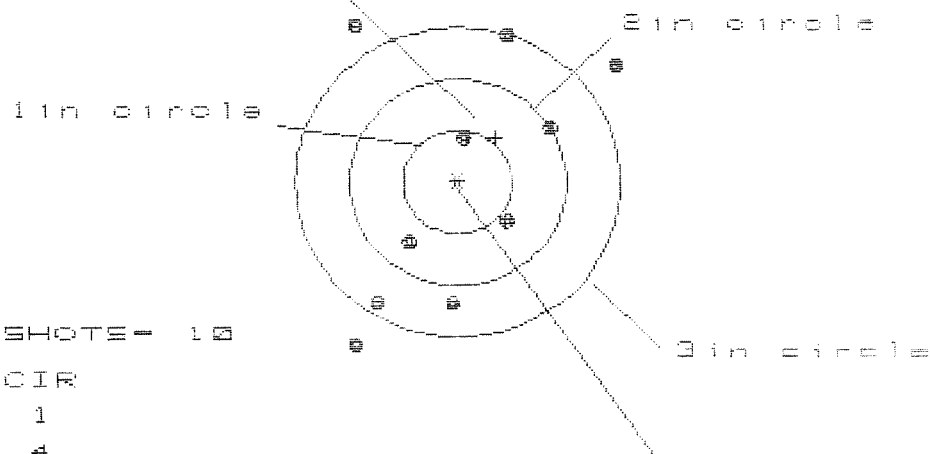
```
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1334
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2068
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .24448
THE AMR FOR THIS RIFLE IS: .896
```

7 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349020

CENTERFIRE PATTERNS # 1

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.391

VS= 3.133

GS= 3.606

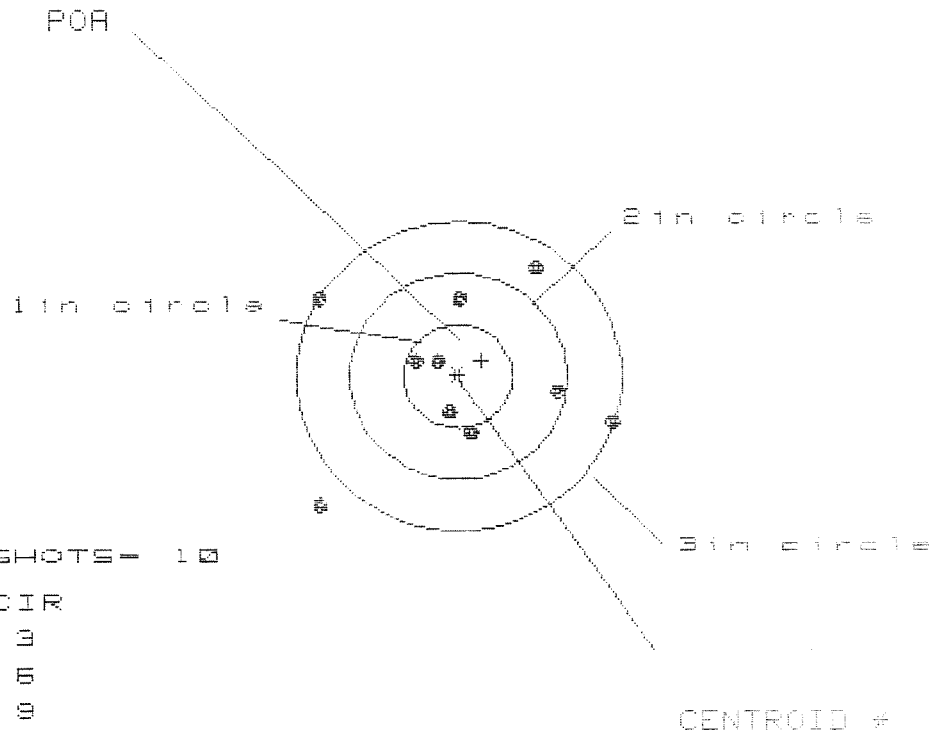
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.441	1.335	.890
MINIMUM X	-1.950	-1.056	-1.889
MAXIMUM Y	1.520	1.341	1.455
MINIMUM Y	-1.610	-1.341	-1.227
CENTROID X	-.352	-.247	-.414
CENTROID Y	-.426	-.247	-.381
POA TO CENTROID in.	.550	.349	.549
MIN RADIUS	.411	.246	.354
MEAN RADIUS	1.210	1.120	1.057
MAX RADIUS	1.871	1.707	1.793
HORIZONTAL SPREAD	2.391	2.391	1.777
VERTICAL SPREAD	3.133	2.682	1.777
EXTREME SPREAD	3.606	3.124	1.777
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	4	4	4
NUMBER IN THREE INCH CIRCLE =	7	7	7

7 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349020

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 8

HS= 2.669

VS= 2.356

GS= 3.079

PATTERN #	:	2
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.382
MINIMUM X	:	-1.287
MAXIMUM Y	:	1.065
MINIMUM Y	:	-1.291
CENTROID X	:	-.214
CENTROID Y	:	-.154
POA TO CENTROID in.	:	.263
MIN RADIUS	:	.234
MEAN RADIUS	:	.929
MAX RADIUS	:	1.823
HORIZONTAL SPREAD	:	2.669
VERTICAL SPREAD	:	2.356
EXTREME SPREAD	:	3.079
NUMBER IN ONE INCH CIRCLE =	:	3
NUMBER IN TWO INCH CIRCLE =	:	5
NUMBER IN THREE INCH CIRCLE =	:	8

7 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349020

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.7000

VS= 1.523

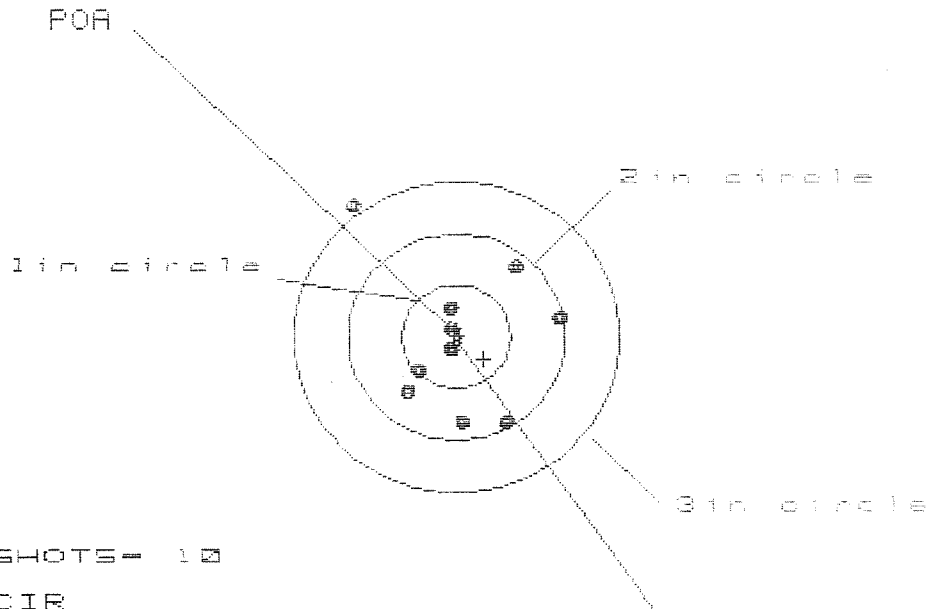
GS= 2.218

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.599	.476	.324
MINIMUM X	:	-1.101	-1.220	-1.562
MAXIMUM Y	:	.746	.648	.566
MINIMUM Y	:	-.777	-.694	-.775
CENTROID X	:	.031	.154	.306
CENTROID Y	:	-.294	-.377	-.295
POA TO CENTROID in.	:	.296	.407	.425
MIN RADIUS	:	.247	.183	.066
MEAN RADIUS	:	.719	.629	.197
MAX RADIUS	:	1.330	1.386	.911
HORIZONTAL SPREAD	:	1.700	1.696	.911
VERTICAL SPREAD	:	1.523	1.347	.911
EXTREME SPREAD	:	2.218	2.008	.911
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8349620

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 9

3 in = 9

HS= 1.833

VS= 2.111

GS= 2.548

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.899	.796	.844
MINIMUM X	:	-.934	-.588	-.540
MAXIMUM Y	:	1.278	.800	.714
MINIMUM Y	:	-.833	-.691	-.746
CENTROID X	:	-.249	-.146	-.194
CENTROID Y	:	.221	.079	.163
POA TO CENTROID in.	:	.333	.166	.268
MIN RADIUS	:	.100	.206	.197
MEAN RADIUS	:	.689	.601	.714
MAX RADIUS	:	1.583	.933	.934
HORIZONTAL SPREAD	:	1.833	1.384	1.384
VERTICAL SPREAD	:	2.111	1.491	1.491
EXTREME SPREAD	:	2.548	1.577	1.577
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

7 Mar 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06349020

CENTERFIRE PATTERNS # 5

POR

1 in circle

2 in circle

3 in circle

CENTROID +

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 1.608

VS= 3.075

GS= 3.170

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.762	.742	.615
MINIMUM X	:	-.846	-.866	-.774
MAXIMUM Y	:	1.822	.934	.937
MINIMUM Y	:	-1.253	-1.051	-1.178
CENTROID X	:	.132	.152	.080
CENTROID Y	:	-.381	-.583	-.458
POR TO CENTROID in.	:	.403	.603	.452
MIN RADIUS	:	.386	.426	.413
MEAN RADIUS	:	.933	.814	.737
MAX RADIUS	:	1.831	1.247	1.060
HORIZONTAL SPREAD	:	1.608	1.608	1.117
VERTICAL SPREAD	:	3.075	2.035	1.517
EXTREME SPREAD	:	3.170	2.385	1.831
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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

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