

C6523398

MODEL 700TM M24

Model **SMS** TM

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: RE00156477

Serial: C6523398 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 09/19/1990

Repairman:

Verify Repair

Status:

Closed 12/6/2008 7:40:42 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY SUPPLY OFFICER

DEPARTMENT OF THE ARMY SUPPLY OFFICER

Address 1: DOL SISA BLDG 9660 BAY A

DOL SISA BLDG 9660 BAY A

Address 2: BOX 339500 MAIL STOP 181

PO Box:

BOX 339500 MAIL STOP 181

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
A010	Hard Case A 2	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search

Refresh

Close

naglelj

12/8/2008

12:27 PM

CAPS

NUM

INS

SCL



Serial Number:

C6523398

Model: M24 SWS



RE00156477

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

R & E NUMBER 156477
SERIAL NUMBER C6523398
LOG-IN DATE 12-6-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-9-08	RT
505	RE-BARREL	12-9-08	RT
560	ASSEMBLE	12-9-08	RT
600	PROOF	12-15-08	RT
605	CHECK HEADSPACE	12-15-08	RT
610	DIS-ASSEMBLE GUN	12-15-08	RT
612	MAGNAFLUX	12/20/08	RT
510	DRILL AND TAP	12-16-08	SP
615	ROLLMARK CALIBER	12/26/08	RT
618	ROTO-BLAST	1/1	TL
620	APPLY COATINGS	1/17	TL
625	FINAL ASSEMBLY	1-8-09	RT
640	FUNCTION TEST AND	1-9-09	SP
650	TARGET	1-9-09	SP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-9-09	TL
	A) HEADSPACE	1-12-09	RT
	B) TRIGGER PULL	1-12-09	TL
680	F) SAFETY ON FORCE	1-12-09	RT
	G) SAFETY OFF FORCE	1-12-09	RT
	I) FIRING PIN INDENT	1-12-09	RT
690	PACK	1/12/09	TL

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523398.__1
FILE DATE AND TIME: 01/12/2009 06:47

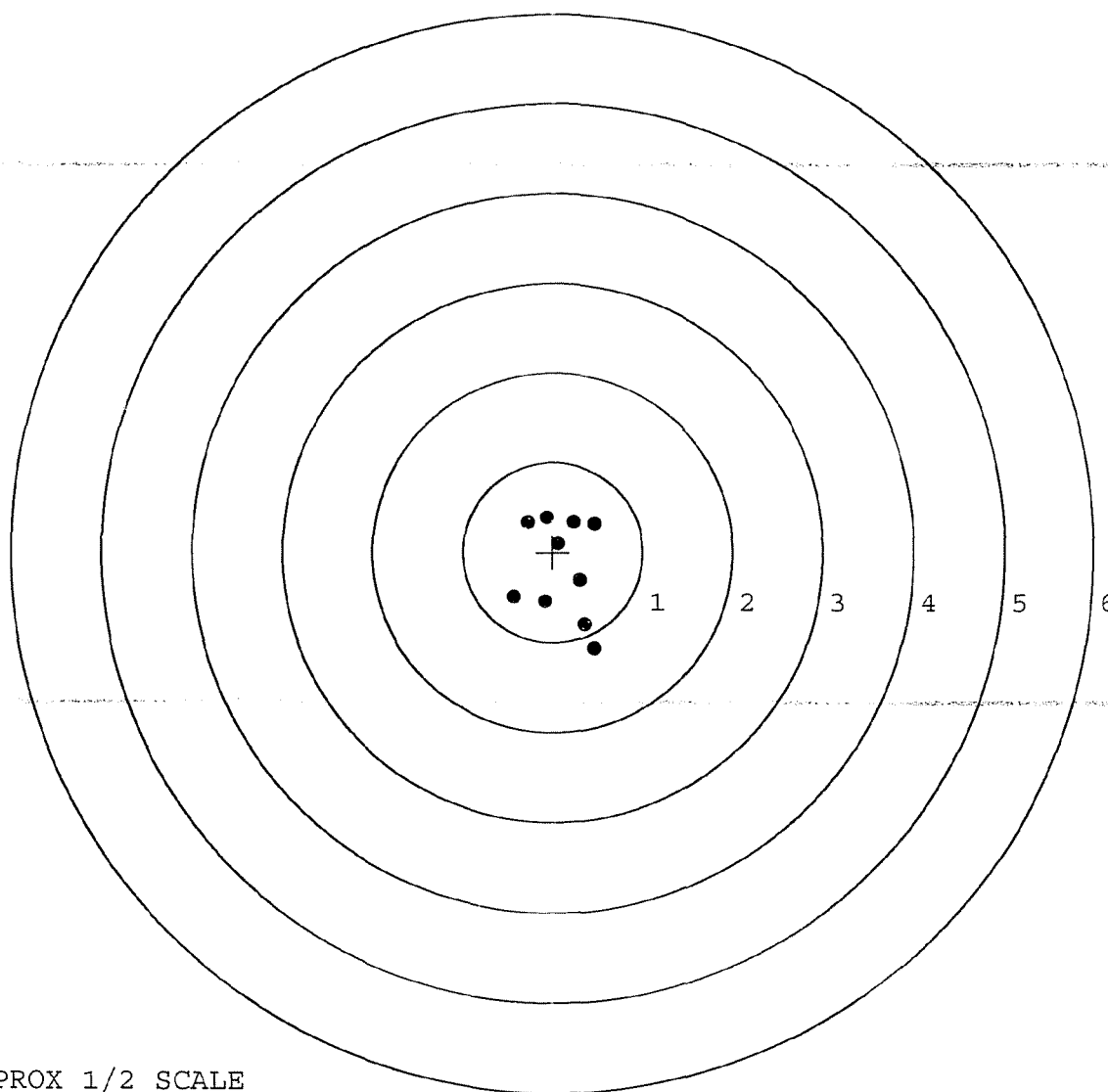
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.041
The Average Y Centroid of the Five Target Set:	0.039
The Average Point of Impact of the Five Target Set:	0.056
The Average Mean Radius of the Five Target Set:	0.575
The Distance from POA to Centroid Target #1:	0.205
The Distance from Centroid Target #2 to Centroid Target #1:	0.139
The Distance from Centroid Target #3 to Centroid Target #1:	0.514
The Distance from Centroid Target #4 to Centroid Target #1:	0.417
The Distance from Centroid Target #5 to Centroid Target #1:	0.294

SERIAL NUMBER: C6523398. __1
TARGET NUMBER: 1
FILE DATE: 01/12/2009
FILE TIME: 06:47

POINT#	X	Y
1:	-0.281	0.329
2:	-0.079	0.380
3:	0.230	0.333
4:	0.464	0.314
5:	0.064	0.095
6:	0.304	-0.313
7:	-0.090	-0.552
8:	-0.437	-0.500
9:	0.359	-0.805
10:	0.467	-1.072

X CENTROID: 0.100
Y CENTROID: -0.179
POA TO CENTROID: 0.205
HORZ SPREAD: 0.904
VERT SPREAD: 1.452
GROUP SPREAD: 1.588
MIN RADIUS: 0.244
MAX RADIUS: 0.965
MEAN RADIUS: 0.557
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

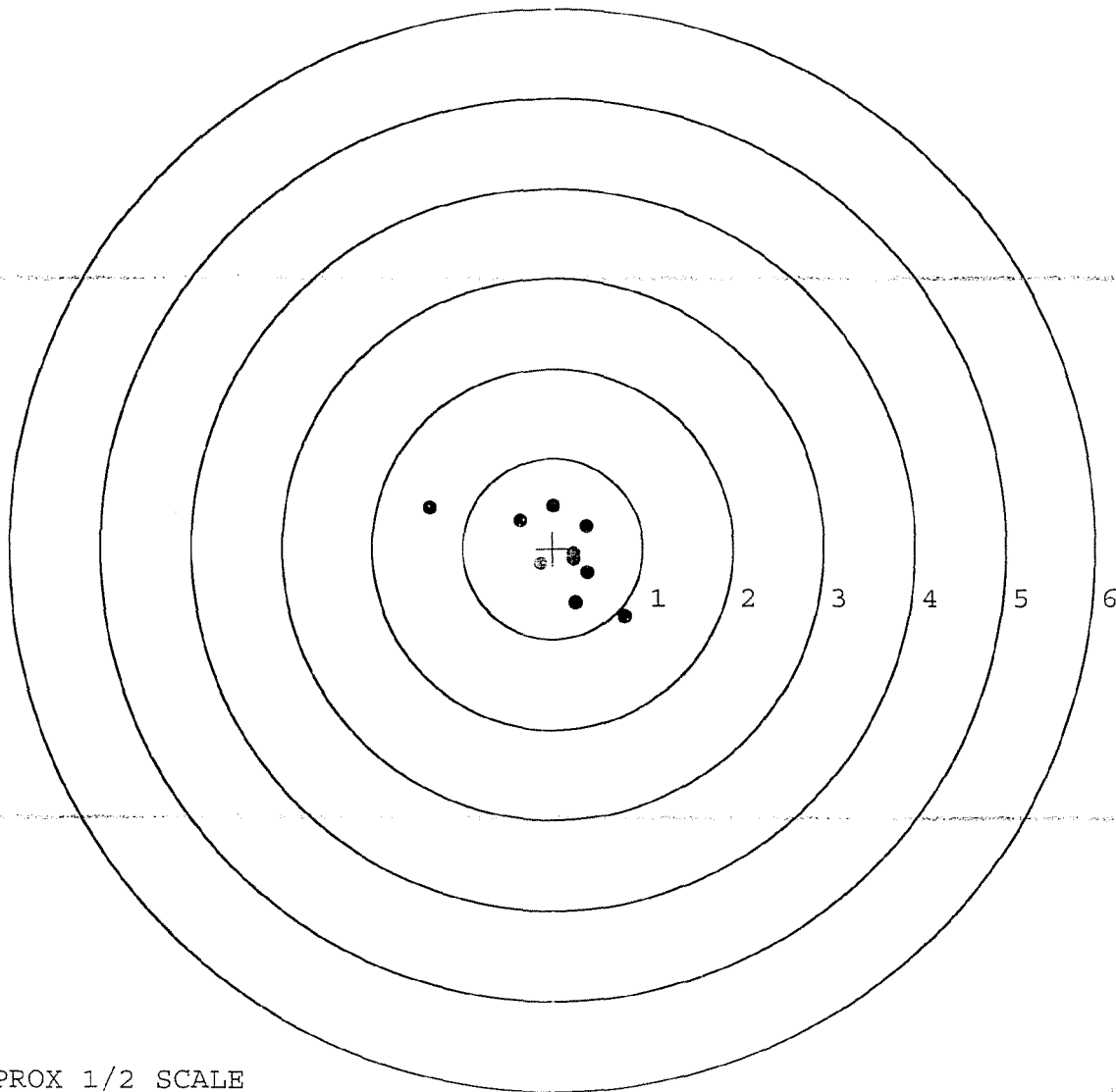


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398. __1
TARGET NUMBER: 2
FILE DATE: 01/12/2009
FILE TIME: 06:47

POINT#	X	Y
1:	0.800	-0.758
2:	0.247	-0.608
3:	-0.139	-0.171
4:	0.383	-0.269
5:	0.228	-0.065
6:	0.367	0.240
7:	0.002	0.469
8:	-0.367	0.302
9:	-1.365	0.445
10:	0.232	-0.126

X CENTROID: 0.039
Y CENTROID: -0.054
POA TO CENTROID: 0.067
HORZ SPREAD: 2.165
VERT SPREAD: 1.227
GROUP SPREAD: 2.477
MIN RADIUS: 0.190
MAX RADIUS: 1.490
MEAN RADIUS: 0.564
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

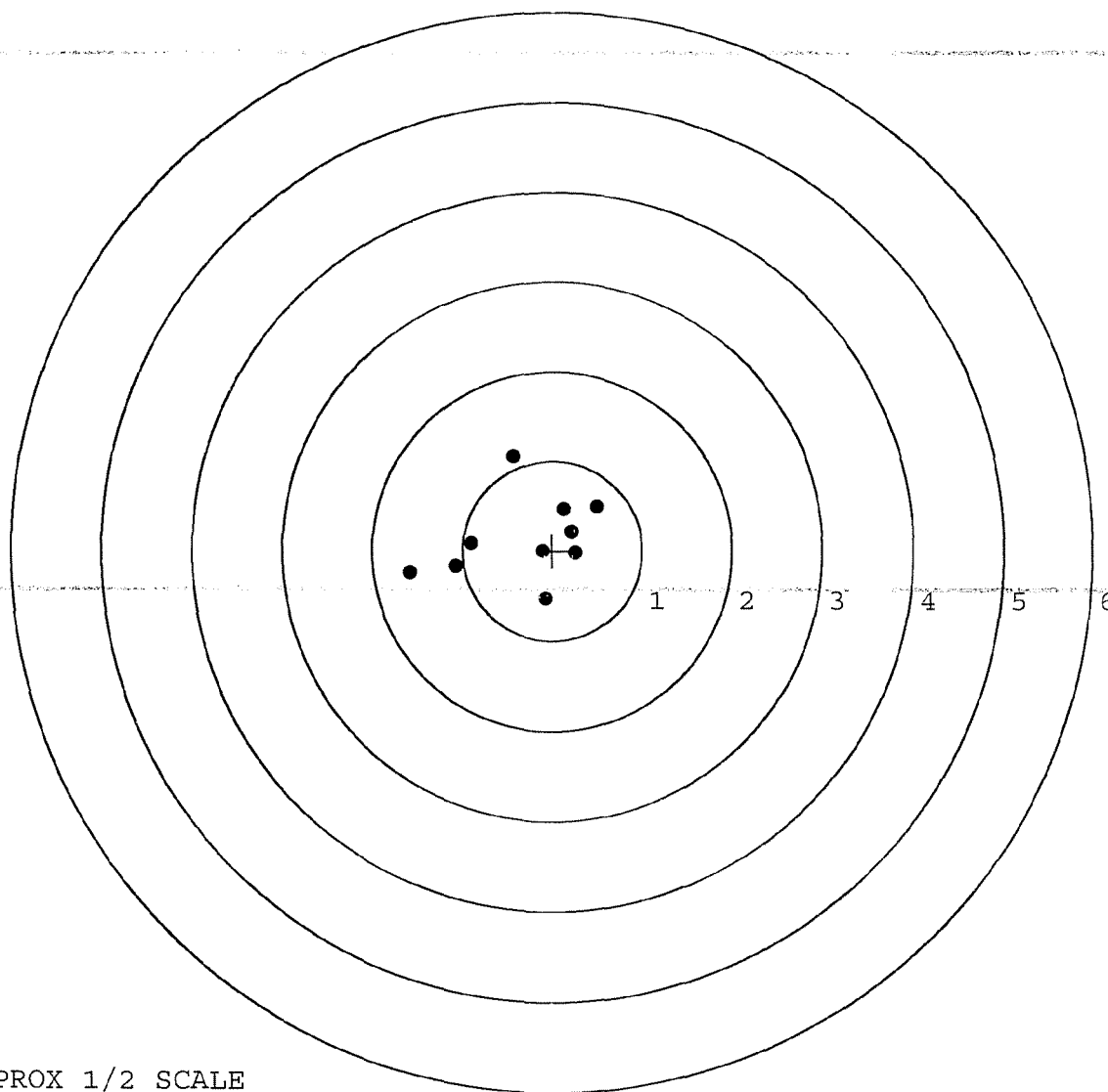


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398. __1
TARGET NUMBER: 3
FILE DATE: 01/12/2009
FILE TIME: 06:47

POINT#	X	Y
1:	-0.435	1.050
2:	-0.903	0.085
3:	-1.584	-0.247
4:	-1.076	-0.179
5:	-0.083	-0.537
6:	-0.111	-0.009
7:	0.254	-0.028
8:	0.120	0.461
9:	0.498	0.490
10:	0.212	0.213

X CENTROID: -0.311
Y CENTROID: 0.130
POA TO CENTROID: 0.337
HORZ SPREAD: 2.082
VERT SPREAD: 1.587
GROUP SPREAD: 2.209
MIN RADIUS: 0.243
MAX RADIUS: 1.328
MEAN RADIUS: 0.717
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

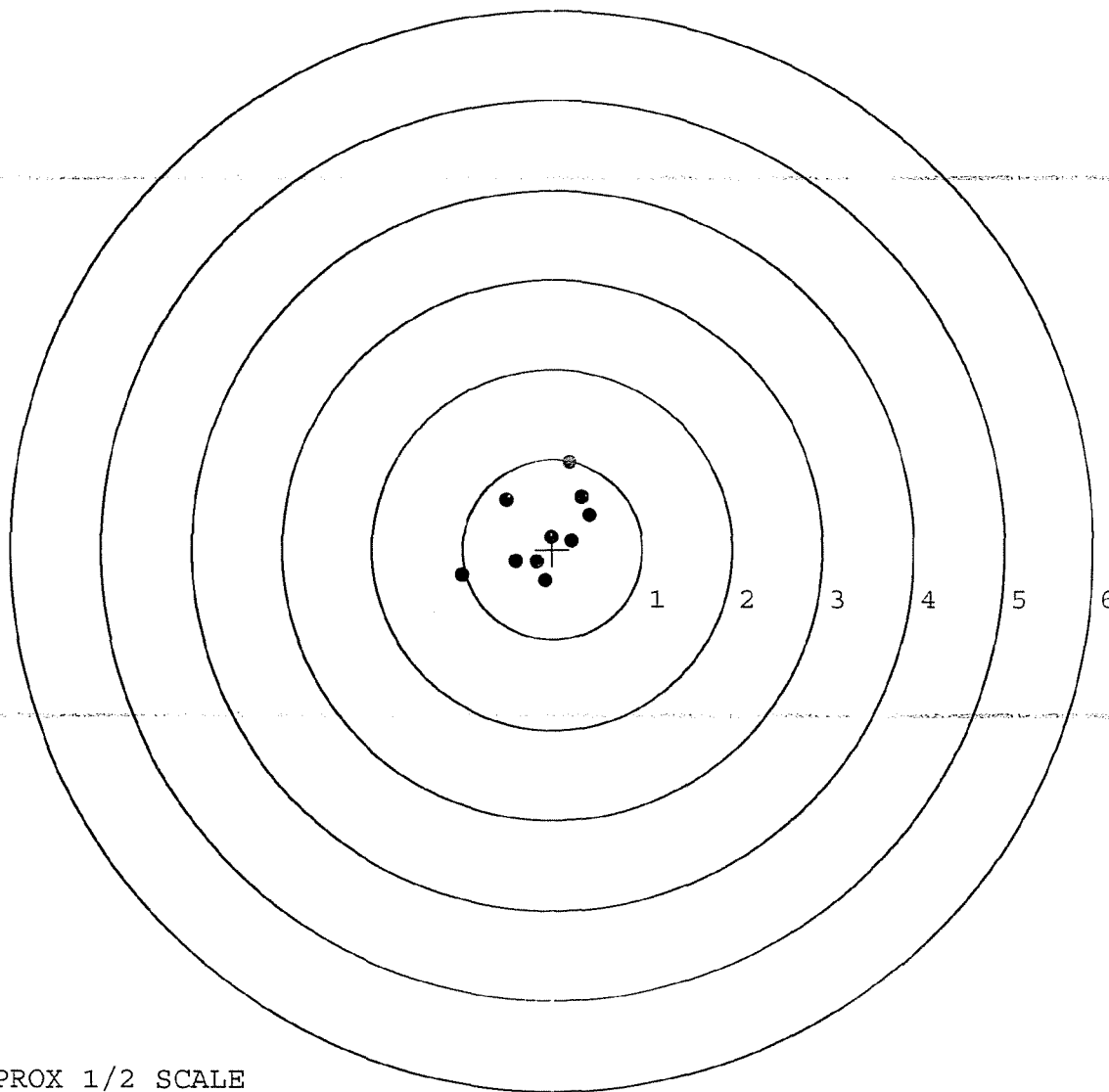


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398. 1
TARGET NUMBER: 4
FILE DATE: 01/12/2009
FILE TIME: 06:47

POINT#	X	Y
1:	0.188	0.973
2:	0.409	0.389
3:	0.322	0.588
4:	-0.515	0.558
5:	-1.005	-0.287
6:	-0.408	-0.133
7:	-0.086	-0.352
8:	0.218	0.098
9:	-0.018	0.137
10:	-0.177	-0.139

X CENTROID: -0.107
Y CENTROID: 0.183
POA TO CENTROID: 0.212
HORZ SPREAD: 1.414
VERT SPREAD: 1.325
GROUP SPREAD: 1.735
MIN RADIUS: 0.100
MAX RADIUS: 1.013
MEAN RADIUS: 0.529
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

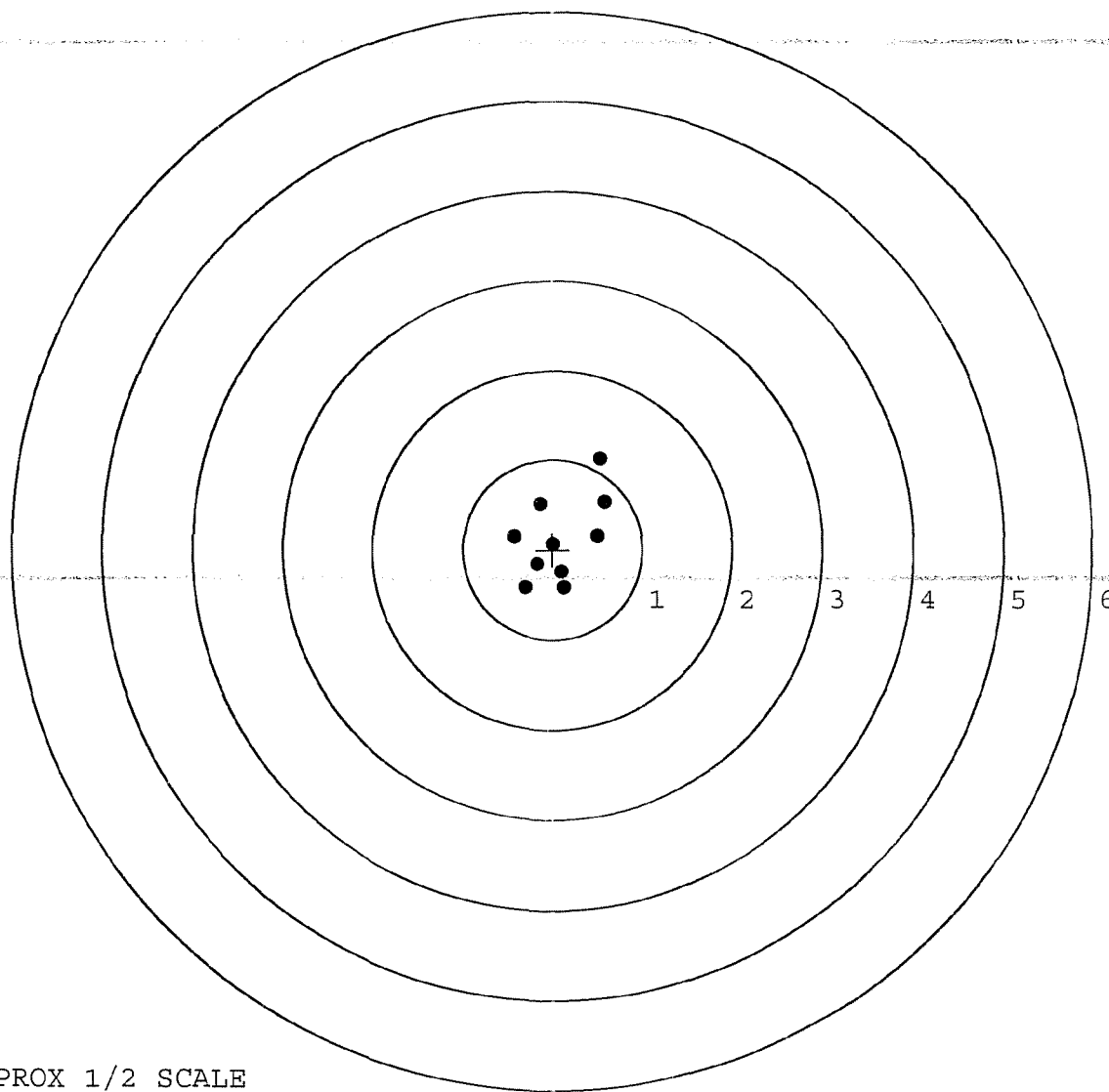


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398. __1
TARGET NUMBER: 5
FILE DATE: 01/12/2009
FILE TIME: 06:47

POINT#	X	Y
1:	0.529	1.012
2:	0.575	0.528
3:	0.498	0.148
4:	-0.145	0.508
5:	-0.430	0.143
6:	0.121	-0.425
7:	-0.309	-0.422
8:	0.094	-0.252
9:	-0.006	0.062
10:	-0.179	-0.165

X CENTROID: 0.075
Y CENTROID: 0.114
POA TO CENTROID: 0.136
HORZ SPREAD: 1.005
VERT SPREAD: 1.437
GROUP SPREAD: 1.661
MIN RADIUS: 0.096
MAX RADIUS: 1.007
MEAN RADIUS: 0.508
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00124485

Serial: C6523398 Model M24 SWS Center Fire

Repairman:

Status: New 1/30/2007 10:20:12 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 1: H H C 2-23 IN ATTN:SSG PEREZ

H H C 2-23 IN ATTN:SSG PEREZ

Address 2: BOX 339500 MS

PO Box:

BOX 339500 MS

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

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

1/30/2007

11:04 AM

CAPS

NUM

INS

SURL

Start

2 Mc...

Arms S...

Part S...

3 Int...

5 Mc...

Travel

11:04 AM

Serial Number: C6523398

Model: M24 SWS



RE00124485

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738.750 and 738.751. The proponent agency is DCSLOG.

1. ORGANIZATION HHC 2123 IN		2. NOMENCLATURE AND MODEL Snipers m24 SWS			
3. REGISTRATION/SERIAL/NSN C 6523398		4a. MILES	b. HOURS	c. BOUNDS FIRED	d. HOT STARTS
		5. DATE		6. TYPE INSPECTION Pmcs	
7. APPLICABLE REFERENCE					
TM NUMBER TM 9-1005-306-10		TM DATE June 1989		TM NUMBER	
				TM DATE	
COLUMN a - Enter TM item number. COLUMN b - Enter the applicable condition status symbol. COLUMN c - Enter deficiencies and shortcomings.			COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e - Individual ascertaining completed corrective action initial in this column.		
STATUS SYMBOLS					
"X" - Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X" - Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "-" - Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.			DIAGONAL "/" - Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists. FOR AIRCRAFT - Status symbols will be recorded in red.		
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.					
8a. SIGNATURE (Person(s) performing inspection)		8b. TIME		9a. SIGNATURE (Maintenance Supervisor)	
				9b. TIME	
				10. MANHOURS REQUIRED	
TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c		CORRECTIVE ACTION d	
				INITIAL WHEN CORRECTED e	
5	X	Bolt Operation			
		Not smooth			
		after Round 15			
		Fixed			
		No Round count			
		received m24 used			
		in bad shape			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523398.__0
FILE DATE AND TIME: 02/23/2007 23:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.028
The Average Y Centroid of the Five Target Set:	-0.055
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.616
The Distance from POA to Centroid Target #1:	0.188
The Distance from Centroid Target #2 to Centroid Target #1:	0.283
The Distance from Centroid Target #3 to Centroid Target #1:	0.313
The Distance from Centroid Target #4 to Centroid Target #1:	0.182
The Distance from Centroid Target #5 to Centroid Target #1:	0.224

SERIAL NUMBER: C6523398. __0

TARGET NUMBER: 1

FILE DATE: 02/23/2007

FILE TIME: 23:00

POINT#	X	Y
1:	-0.053	0.297
2:	0.398	-0.208
3:	-0.362	0.024
4:	-0.343	-0.313
5:	-0.074	-0.428
6:	-0.302	-0.475
7:	-0.399	-0.769
8:	-0.521	0.795
9:	-0.412	1.039
10:	0.099	0.321

X CENTROID: -0.186

Y CENTROID: 0.028

POA TO CENTROID: 0.188

HORZ SPREAD: 0.919

VERT SPREAD: 1.808

GROUP SPREAD: 1.808

MIN RADIUS: 0.176

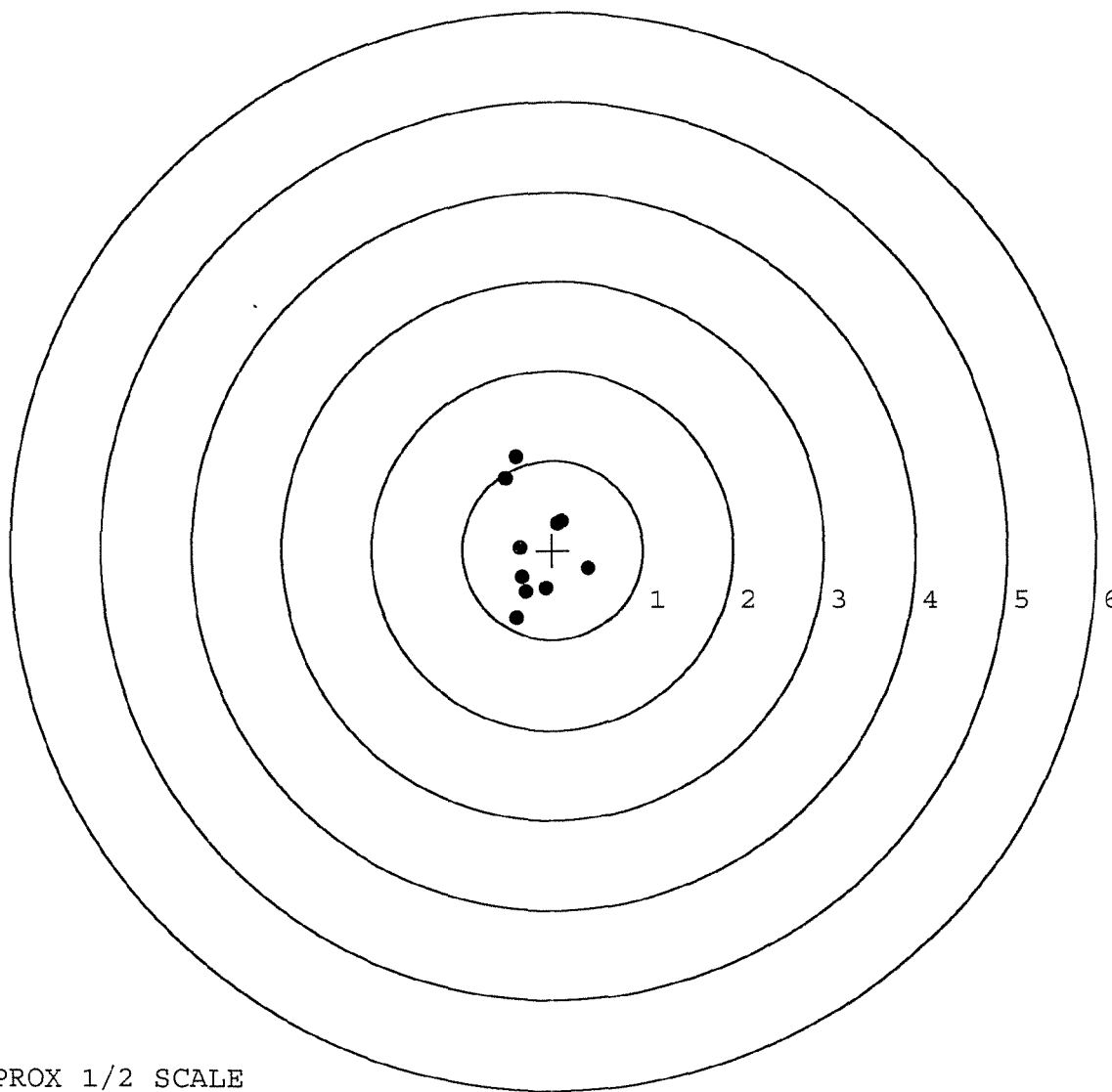
MAX RADIUS: 1.036

MEAN RADIUS: 0.563

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398. __0

TARGET NUMBER: 2

FILE DATE: 02/23/2007

FILE TIME: 23:00

POINT#	X	Y
1:	-0.233	0.433
2:	-0.497	0.348
3:	-0.880	-0.001
4:	-0.205	-0.338
5:	-0.013	-0.209
6:	0.205	-0.248
7:	0.325	-0.339
8:	0.863	-0.064
9:	0.747	-0.356
10:	0.070	-0.659

X CENTROID: 0.038

Y CENTROID: -0.143

POA TO CENTROID: 0.148

HORZ SPREAD: 1.743

VERT SPREAD: 1.092

GROUP SPREAD: 1.744

MIN RADIUS: 0.083

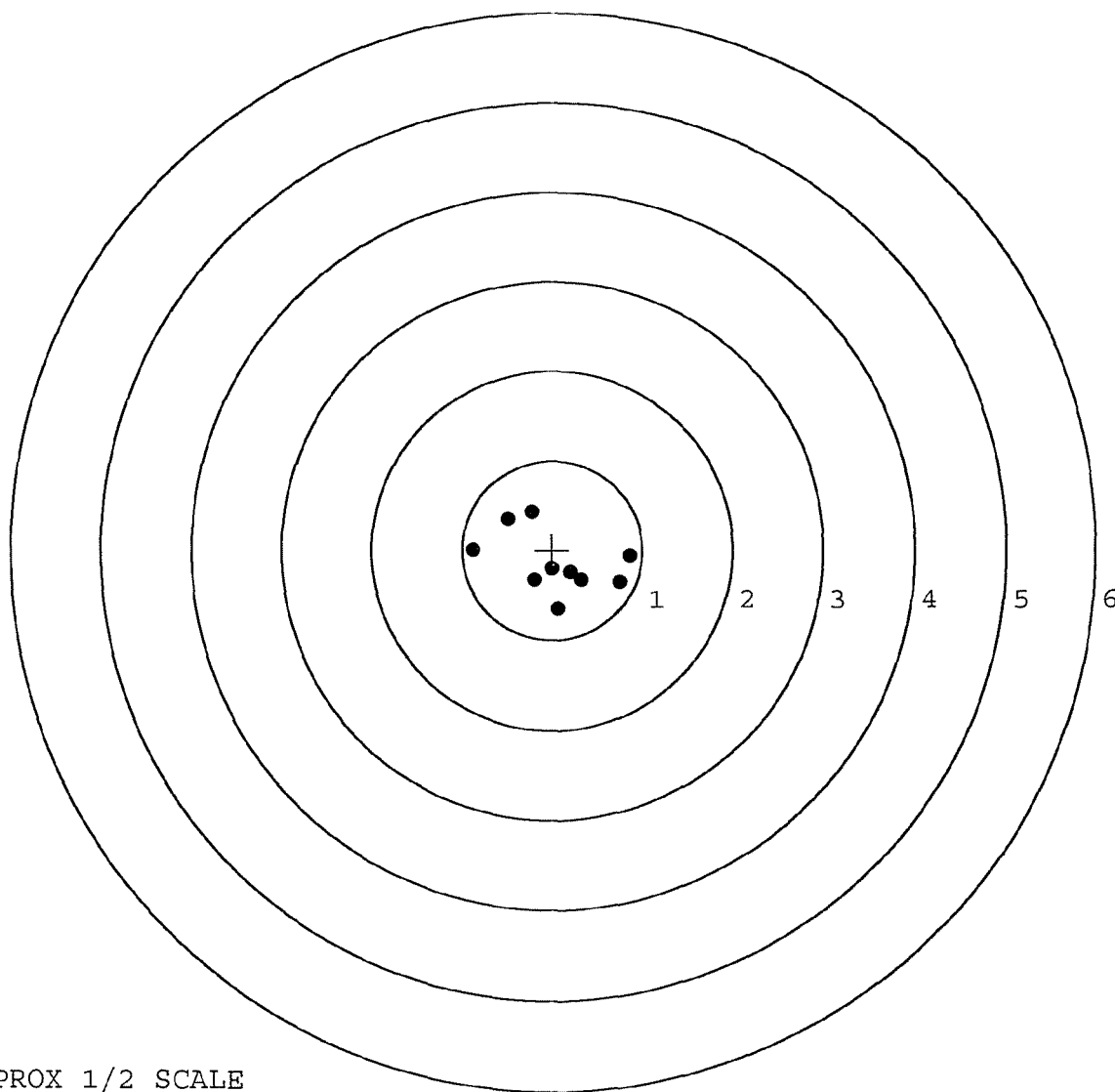
MAX RADIUS: 0.929

MEAN RADIUS: 0.532

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398. __0

TARGET NUMBER: 3

FILE DATE: 02/23/2007

FILE TIME: 23:00

POINT#	X	Y
1:	-0.029	0.866
2:	-0.064	0.688
3:	-0.032	0.490
4:	-0.251	0.350
5:	0.404	0.302
6:	0.206	0.132
7:	0.505	-0.176
8:	-0.029	-0.322
9:	-0.088	-0.629
10:	0.579	-0.794

X CENTROID: 0.120

Y CENTROID: 0.091

POA TO CENTROID: 0.151

HORZ SPREAD: 0.830

VERT SPREAD: 1.660

GROUP SPREAD: 1.768

MIN RADIUS: 0.095

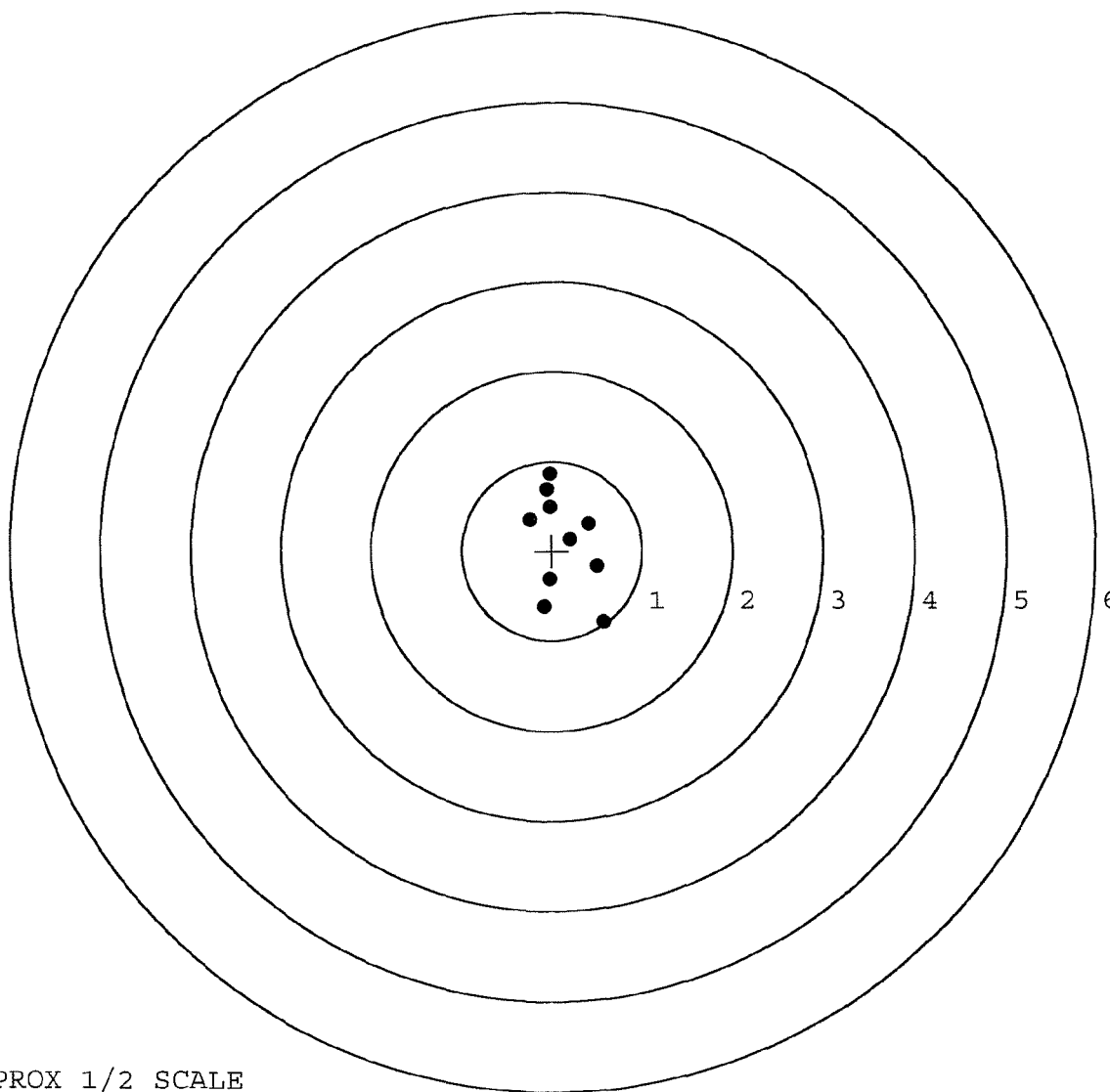
MAX RADIUS: 0.997

MEAN RADIUS: 0.540

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398. __0

TARGET NUMBER: 4

FILE DATE: 02/23/2007

FILE TIME: 23:00

X CENTROID: -0.090

Y CENTROID: -0.126

POA TO CENTROID: 0.154

HORZ SPREAD: 1.346

VERT SPREAD: 1.271

GROUP SPREAD: 1.646

MIN RADIUS: 0.075

MAX RADIUS: 0.931

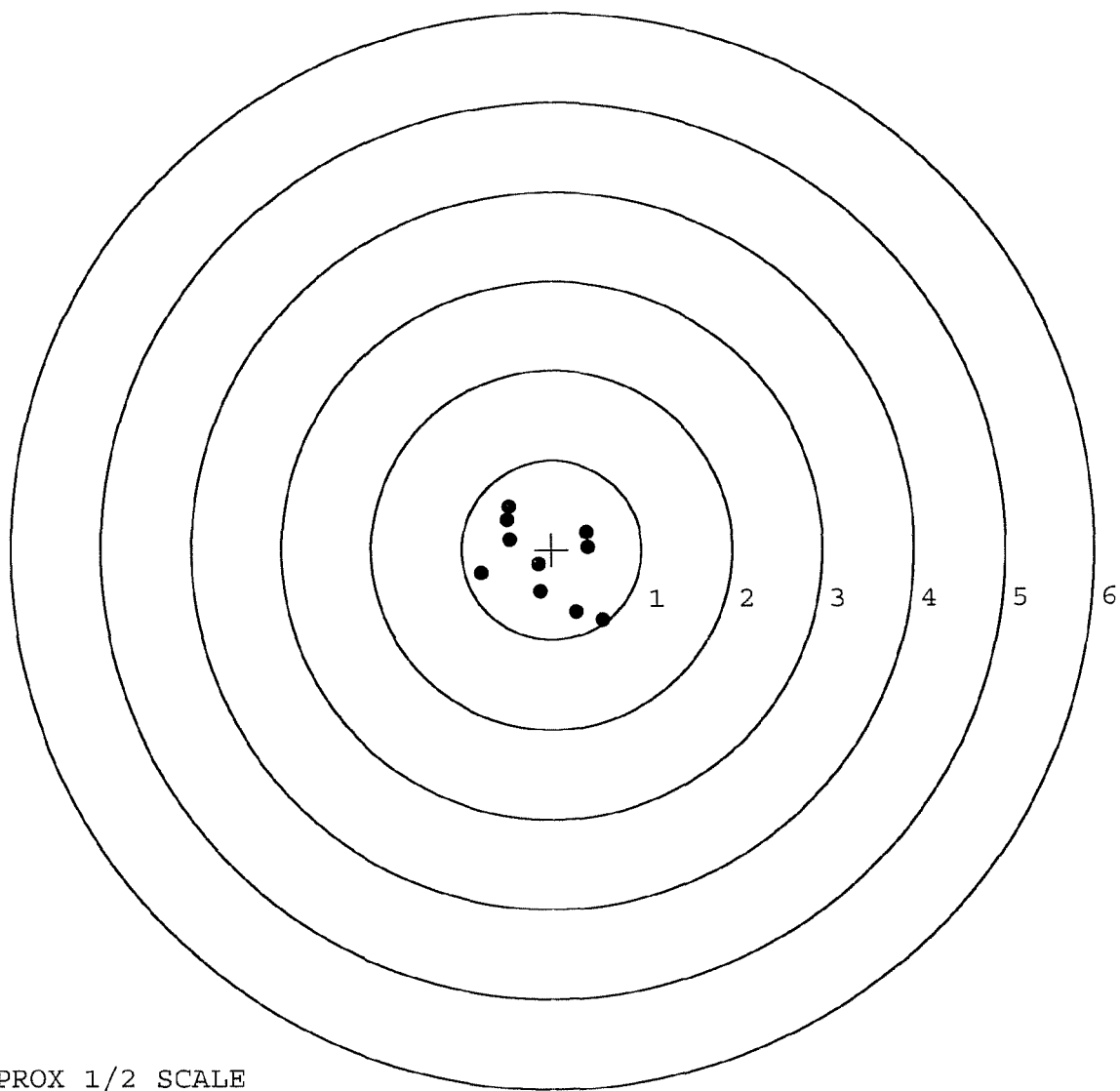
MEAN RADIUS: 0.564

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.484	0.481
2:	-0.502	0.336
3:	-0.473	0.116
4:	-0.784	-0.264
5:	-0.148	-0.173
6:	-0.130	-0.478
7:	0.270	-0.706
8:	0.562	-0.790
9:	0.404	0.029
10:	0.388	0.194



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398. 0

TARGET NUMBER: 5

FILE DATE: 02/23/2007

FILE TIME: 23:00

POINT#	X	Y
1:	-0.303	1.186
2:	0.489	1.535
3:	-0.388	0.229
4:	0.426	0.172
5:	0.292	-0.177
6:	-0.172	-0.526
7:	-0.926	-0.397
8:	-0.067	-0.904
9:	0.298	-0.982
10:	0.110	-1.402

X CENTROID: -0.024

Y CENTROID: -0.127

POA TO CENTROID: 0.129

HORZ SPREAD: 1.415

VERT SPREAD: 2.937

GROUP SPREAD: 2.961

MIN RADIUS: 0.320

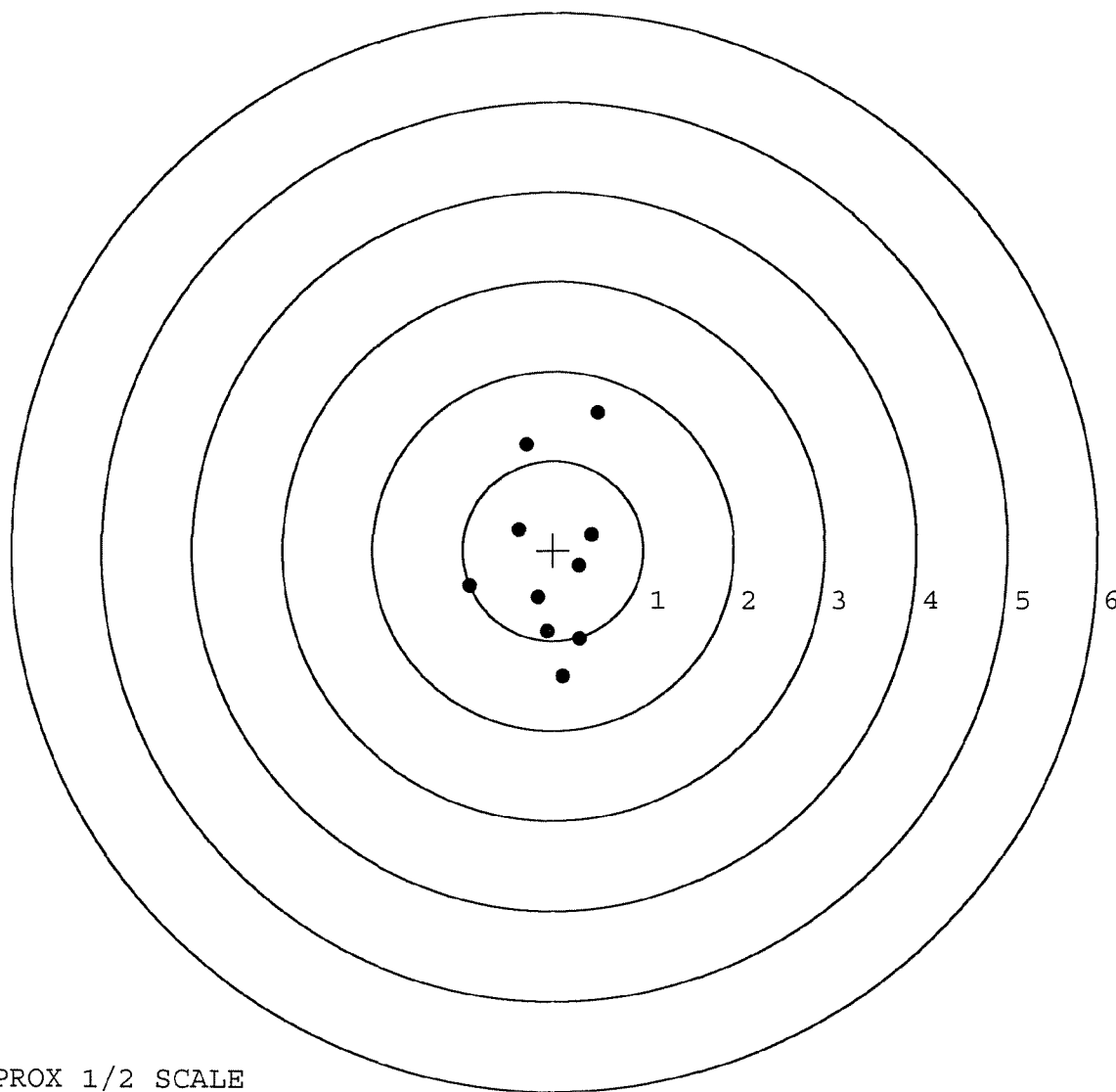
MAX RADIUS: 1.739

MEAN RADIUS: 0.879

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	124485		
SERIAL NUMBER	C6523398		
LOG-IN DATE	1-30-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-2-07	RTZ
505	RE-BARREL	2-7-07	RTZ
420	ASSEMBLE	2-7-07	RTZ
440	PROOF	2-7-07	Fm
460	CHECK HEADSPACE	INSPECTED	Fm
470	DIS-ASSEMBLE GUN	FEB 13 2007	RTZ
480	MAGNAFLUX	OPERATOR <i>APD</i>	2-13-07 APC
510	DRILL AND TAP	2-12-07	TRW
500	ROLLMARK CALIBER	2-13-07	CW
520	GOFF BLAST BBL / REC	2-13-07	LB
530 & 540	APPLY COATINGS	2-15-07	WT
560	FINAL ASSEMBLY	2-23-07	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	2/23/07 non
650	TARGET	<u>PASS</u> FAIL	2/23/07 non
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-26-07	RTZ
	A) HEADSPACE	<u>PASS</u> FAIL	2-26-07 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 232 229 222 204 211 2-26-07 RTZ	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 4.5 4.6 4.6 2-26-07 DA	
	G) SAFETY OFF FORCE	2 LBS MIN 2.9 2.6 2.2 2-26-07 DA	
	I) FIRING PIN INDENT	.020 .023 .023 .023 2-26-07 DA	
690	PACK	2-26-07	DA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00043048** Serial: C6523398 Model 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 3/11/02 10:46:29 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **HHC 1/503RD INFANTRY REGIMENT** **HHC 1/503RD INFANTRY REGIMENT**

Address 1: **UNIT 15059** **UNIT 15059**

Address 2: PO Box: PO Box:

City: **APD** **APD**

State: **CA** Zip Code: **96224** Country: **US** State: **CA** Zip Code: **96224** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Poor**

Condition Notes:

CSF Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A008	Soft Case	1
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

raglet 3/11/02 10:58 AM C4PS NUM IWS SCPL

Start Inbox SWS RAC1 SWS M-24's Arms Printsc 10:58 AM

Serial Number: **C6523398**

Model: **700**



RE00043048

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523398.__0
FILE DATE AND TIME: 03/26/2002 18:06

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.115
The Average Y Centroid of the Five Target Set:	-0.092
The Average Point of Impact of the Five Target Set:	0.147
The Average Mean Radius of the Five Target Set:	0.737
The Distance from POA to Centroid Target #1:	0.221
The Distance from Centroid Target #2 to Centroid Target #1:	0.255
The Distance from Centroid Target #3 to Centroid Target #1:	0.094
The Distance from Centroid Target #4 to Centroid Target #1:	0.231
The Distance from Centroid Target #5 to Centroid Target #1:	0.253

SERIAL NUMBER: C6523398. __0

TARGET NUMBER: 1

FILE DATE: 03/26/2002

FILE TIME: 18:06

POINT#	X	Y
1:	0.991	-0.954
2:	1.108	0.516
3:	0.024	1.676
4:	-1.112	1.040
5:	-1.541	-0.551
6:	-0.871	-0.529
7:	-0.365	-0.646
8:	-0.273	-0.353
9:	-0.423	-0.115
10:	0.281	0.295

X CENTROID: -0.218

Y CENTROID: 0.038

POA TO CENTROID: 0.221

HORZ SPREAD: 2.649

VERT SPREAD: 2.630

GROUP SPREAD: 2.802

MIN RADIUS: 0.256

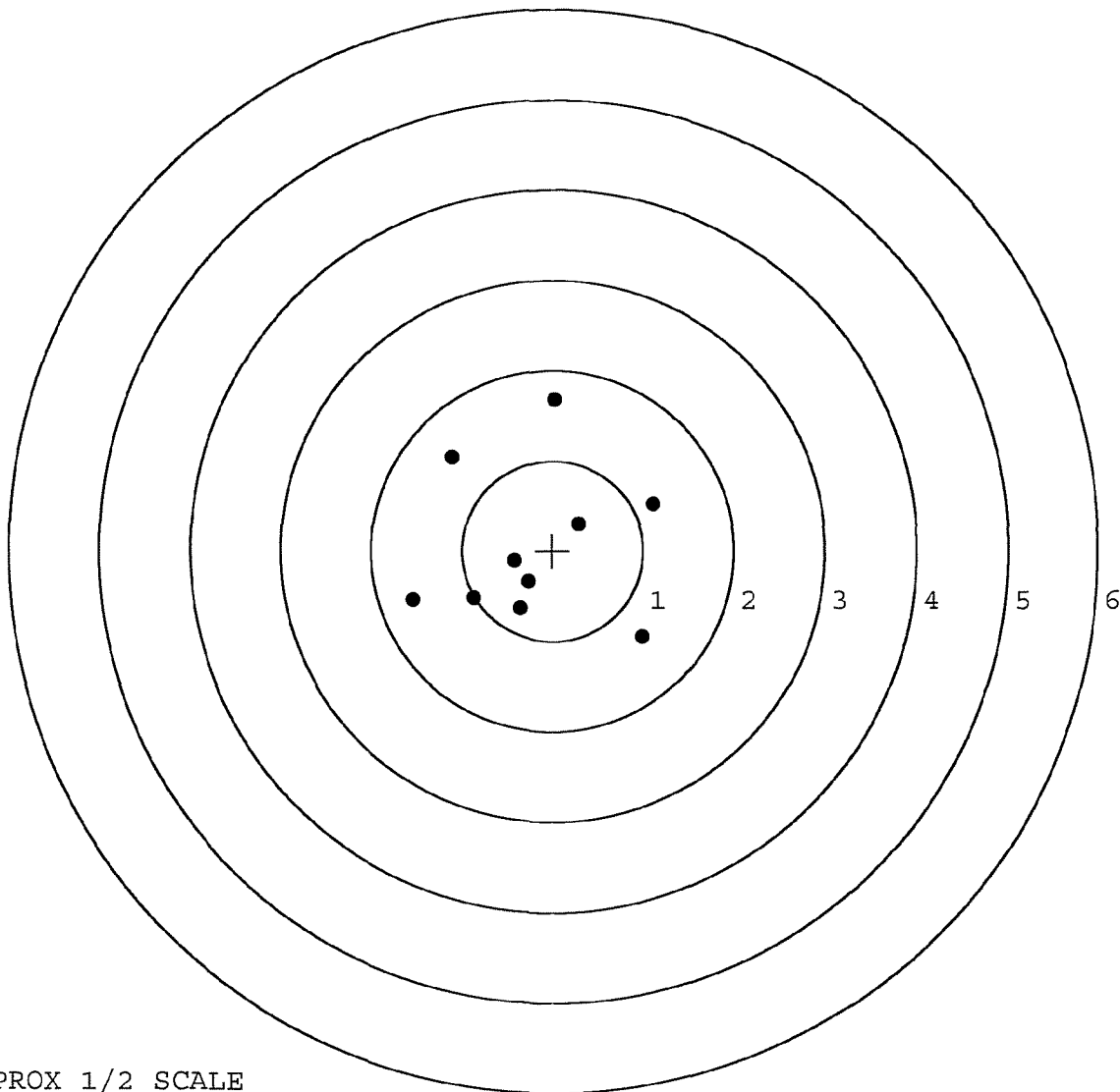
MAX RADIUS: 1.656

MEAN RADIUS: 1.020

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398. __0

TARGET NUMBER: 2

FILE DATE: 03/26/2002

FILE TIME: 18:06

POINT#	X	Y
1:	0.534	-1.806
2:	0.988	0.191
3:	-0.241	0.594
4:	-0.579	0.739
5:	-0.689	-0.189
6:	-0.443	-0.224
7:	-0.109	-0.381
8:	0.094	-0.334
9:	-0.002	-0.159
10:	-0.037	0.043

X CENTROID: -0.048

Y CENTROID: -0.153

POA TO CENTROID: 0.160

HORZ SPREAD: 1.677

VERT SPREAD: 2.545

GROUP SPREAD: 2.778

MIN RADIUS: 0.047

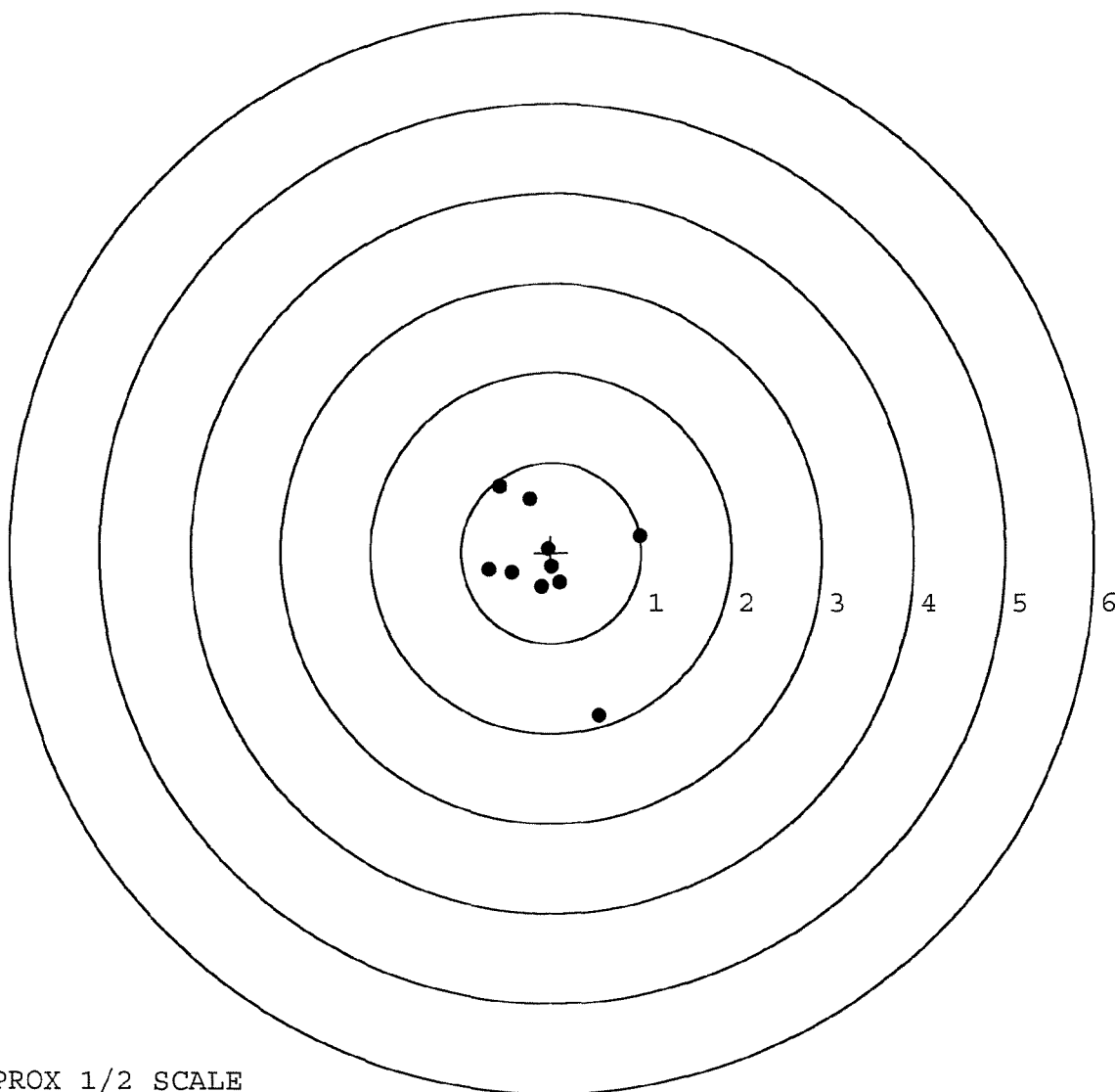
MAX RADIUS: 1.753

MEAN RADIUS: 0.641

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

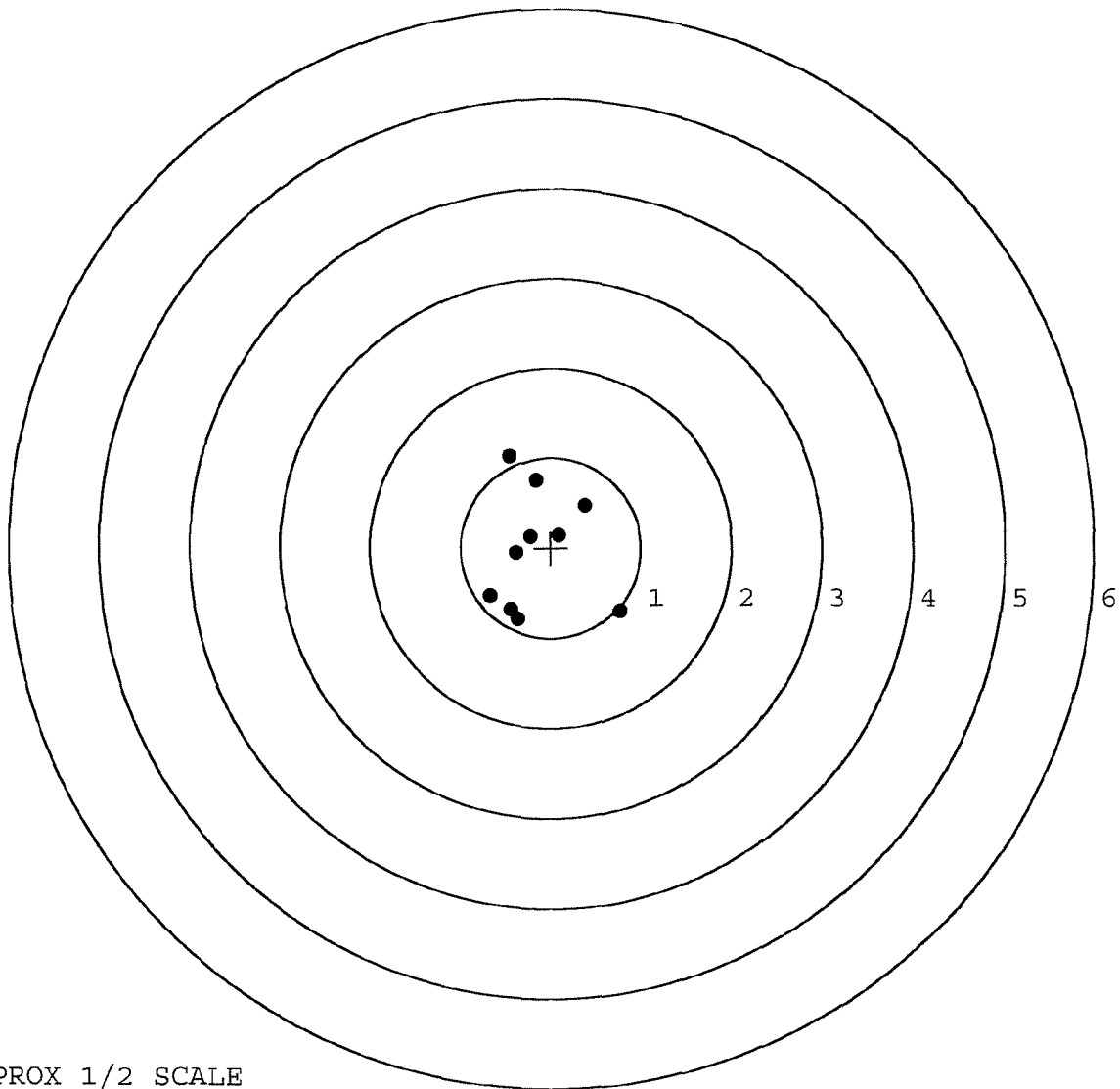


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398.___0
TARGET NUMBER: 3
FILE DATE: 03/26/2002
FILE TIME: 18:06

X CENTROID: -0.150
Y CENTROID: -0.027
POA TO CENTROID: 0.153
HORZ SPREAD: 1.442
VERT SPREAD: 1.814
GROUP SPREAD: 2.117
MIN RADIUS: 0.178
MAX RADIUS: 1.142
MEAN RADIUS: 0.670
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.768	-0.706
2:	-0.373	-0.799
3:	-0.441	-0.693
4:	-0.674	-0.534
5:	0.380	0.469
6:	-0.171	0.751
7:	-0.465	1.015
8:	-0.227	0.133
9:	-0.387	-0.056
10:	0.088	0.146



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398.___0

TARGET NUMBER: 4

FILE DATE: 03/26/2002

FILE TIME: 18:06

POINT#	X	Y
1:	0.864	-0.373
2:	0.499	-0.531
3:	0.334	-1.064
4:	-0.216	-0.458
5:	0.155	-0.018
6:	-0.403	0.100
7:	-0.697	-0.177
8:	-1.176	0.394
9:	0.088	0.912
10:	-0.109	-0.140

X CENTROID: -0.066

Y CENTROID: -0.136

POA TO CENTROID: 0.151

HORZ SPREAD: 2.040

VERT SPREAD: 1.976

GROUP SPREAD: 2.179

MIN RADIUS: 0.043

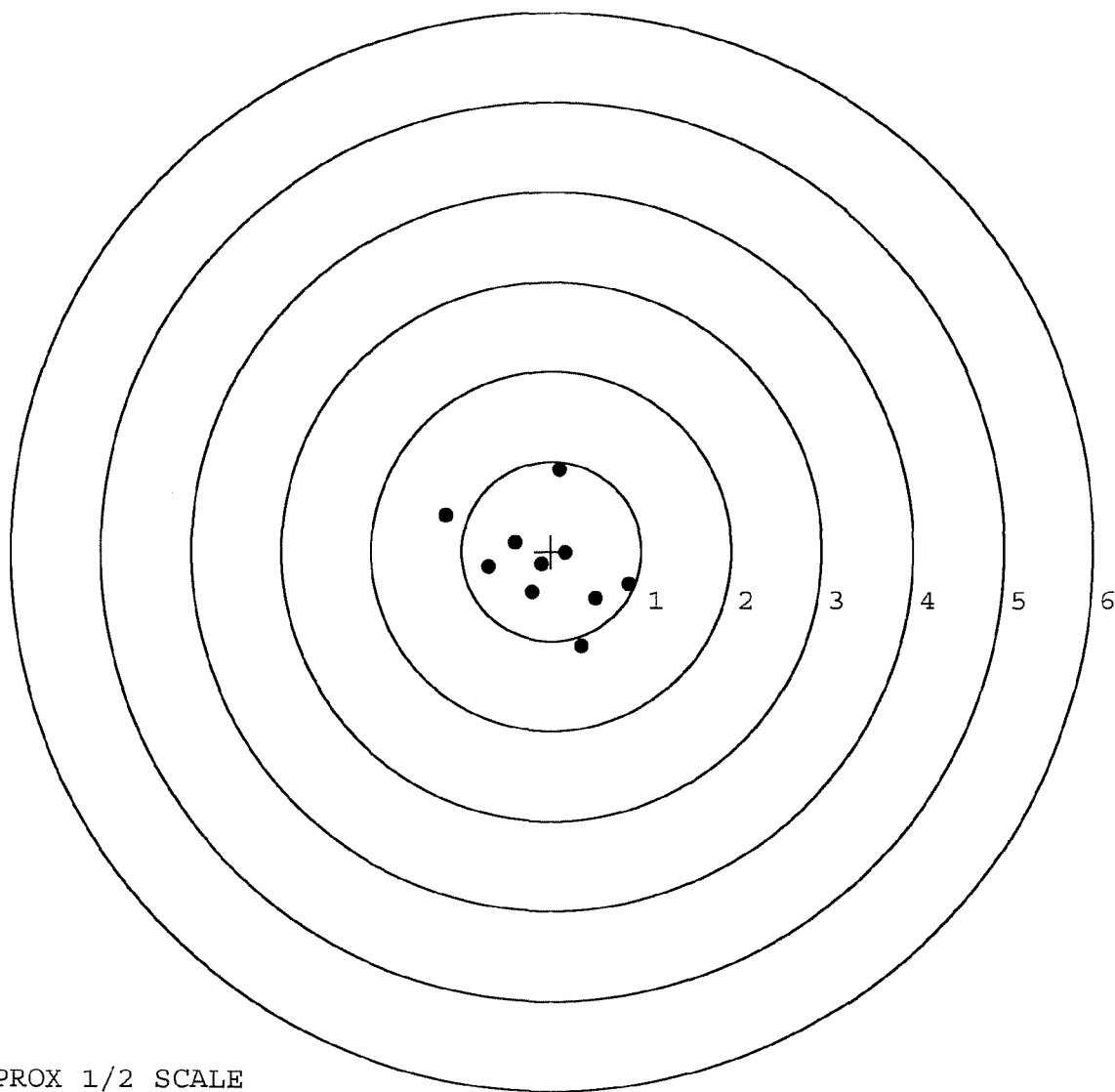
MAX RADIUS: 1.230

MEAN RADIUS: 0.664

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523398. __0

TARGET NUMBER: 5

FILE DATE: 03/26/2002

FILE TIME: 18:06

POINT#	X	Y
1:	0.862	-0.547
2:	0.335	-0.400
3:	0.031	-1.017
4:	-0.009	-0.776
5:	-0.476	-0.678
6:	-0.095	-0.388
7:	-0.320	-0.025
8:	-0.614	0.372
9:	-0.047	0.647
10:	-0.598	0.990

X CENTROID: -0.093

Y CENTROID: -0.182

POA TO CENTROID: 0.205

HORZ SPREAD: 1.476

VERT SPREAD: 2.007

GROUP SPREAD: 2.120

MIN RADIUS: 0.206

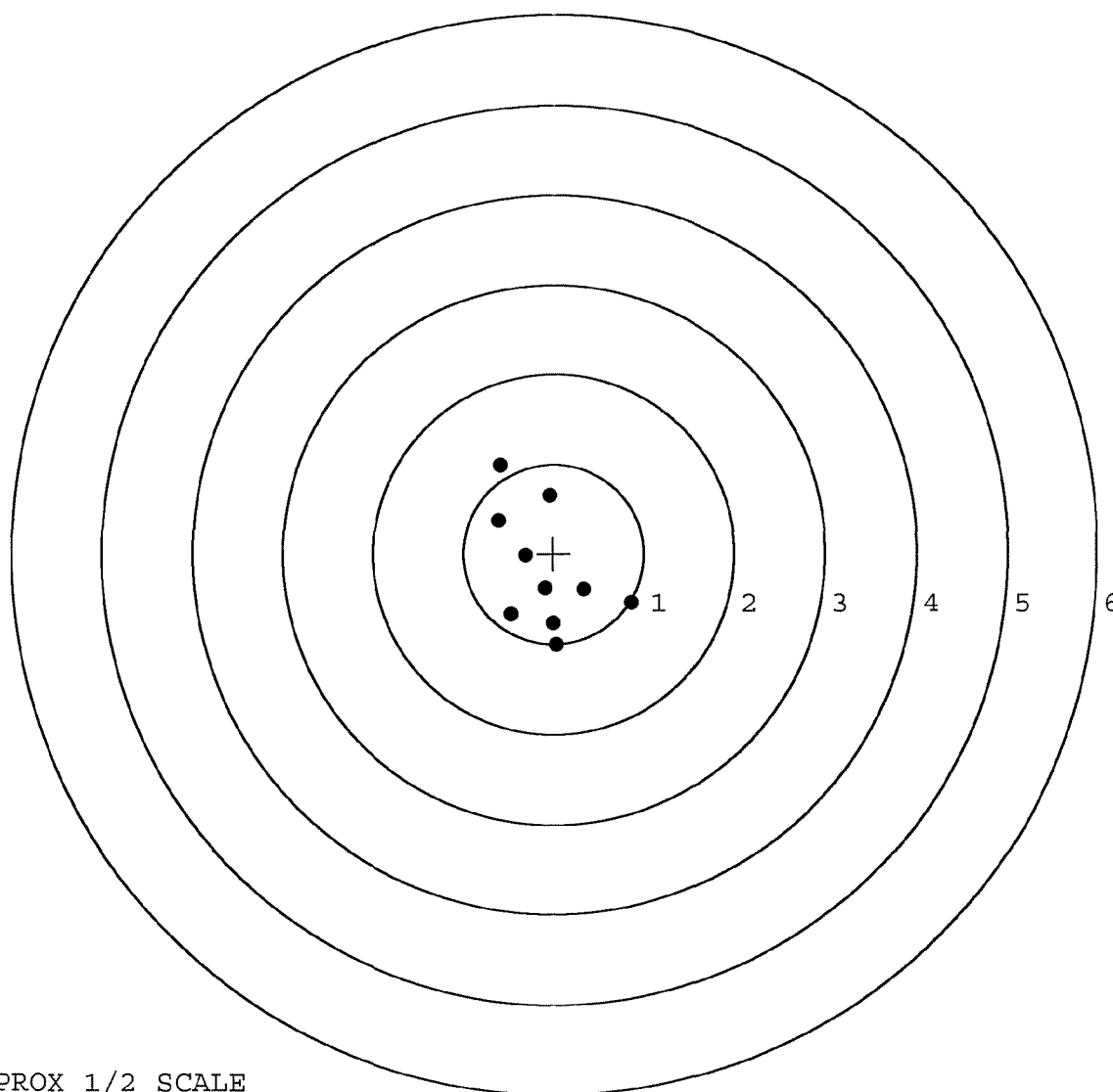
MAX RADIUS: 1.276

MEAN RADIUS: 0.692

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 43048

SERIAL NUMBER C 6523398

LOG-IN DATE 3/11/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/15/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	3/18/02	BWT
B	DRILL AND TAP	3/18/02	BWT
C	POLISH		
575	ASSEMBLE	3/18/02	RH
600	PROOF	3/18/02	RW
605	CHECK HEADSPACE	3/18/02	RW
610	DIS-ASSEMBLE GUN	3/18/02	RW
612	MAGNAFLUX		MAR 19 2002
615	ROLLMARK CALIBER	3/19/02	TD AC
618	ROTO-BLAST		
620	APPLY COATINGS	3-21-02	TA
625 A	FINAL ASSEMBLY	3/23/02	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-26-02	AC
655	FINAL INSPECT	3-27-02	RH
660	PACK	3-27-02	DA
		SHIP DATE	
		QAR INSPECTION DATE	

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

Remington[®]

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

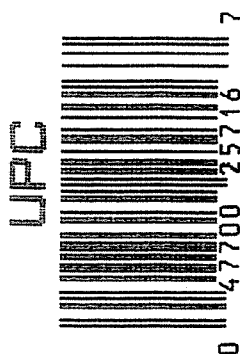
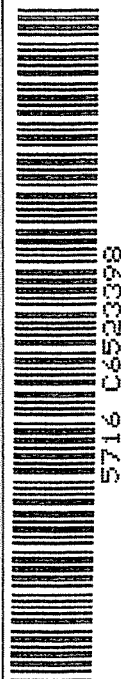
MODEL 700TM M24

SERIAL NO. C6523398

ORDER NO. 5716

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

01



CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523398
16 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.255033
1 TO	2	.122784
1 TO	3	.232768
1 TO	4	.309726
1 TO	5	.259988

34
12 <----POA

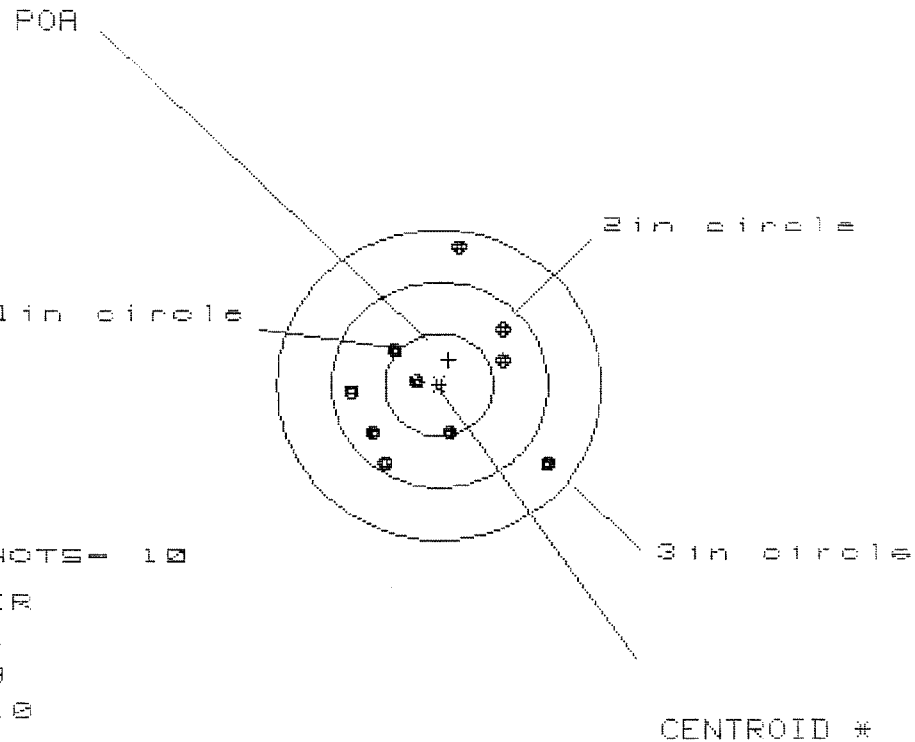
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1212
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2022
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .235742

THE AMR FOR THIS RIFLE IS: .7948

16 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523398

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 1.763

VS= 2.135

GS= 2.244

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.999	1.018	.753
MINIMUM X	:	-.764	-.745	-.618
MAXIMUM Y	:	1.330	.729	.653
MINIMUM Y	:	-.805	-.657	-.733
CENTROID X	:	-.089	-.108	-.235
CENTROID Y	:	-.239	-.387	-.311
POA TO CENTROID in.	:	.255	.401	.390
MIN RADIUS	:	.210	.280	.150
MEAN RADIUS	:	.775	.703	.616
MAX RADIUS	:	1.341	1.182	.959
HORIZONTAL SPREAD	:	1.763	1.763	1.371
VERTICAL SPREAD	:	2.135	1.386	1.386
EXTREME SPREAD	:	2.244	1.893	1.753
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

15 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523398

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 1.864

VS= 2.358

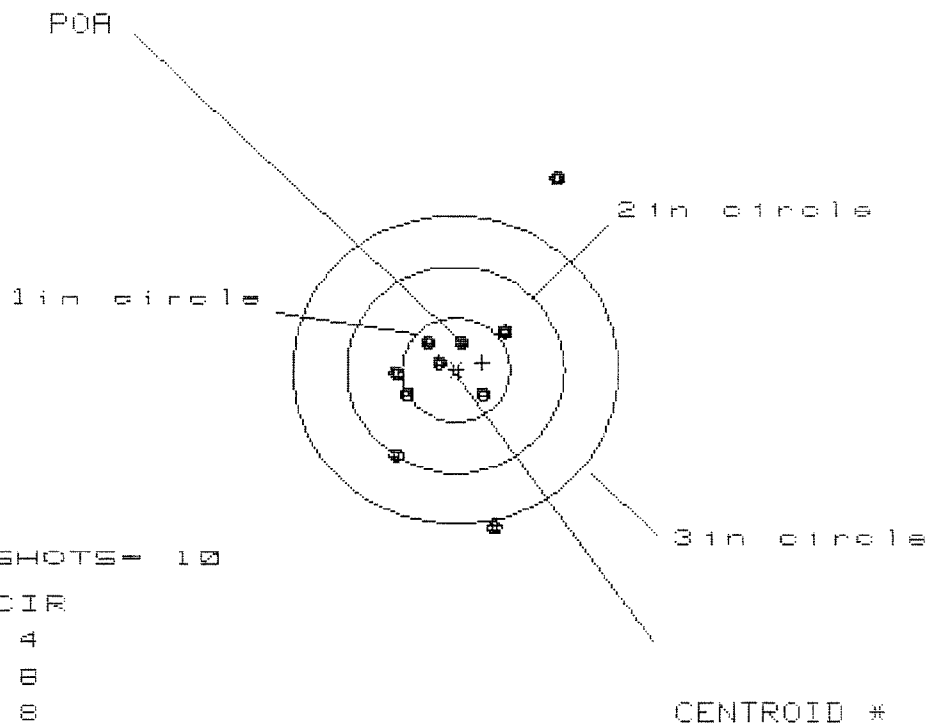
GS= 2.414

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.941	.929	.812
MINIMUM X	:	-.923	-.935	-.755
MAXIMUM Y	:	.909	.748	.615
MINIMUM Y	:	-1.449	-1.067	-.703
CENTROID X	:	-.063	-.051	.066
CENTROID Y	:	-.359	-.198	-.065
POA TO CENTROID in.	:	.364	.204	.092
MIN RADIUS	:	.357	.362	.256
MEAN RADIUS	:	.833	.729	.605
MAX RADIUS	:	1.453	1.419	.973
HORIZONTAL SPREAD	:	1.864	1.864	1.567
VERTICAL SPREAD	:	2.358	1.815	1.317
EXTREME SPREAD	:	2.414	2.048	1.841
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			10	

16 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C9523398

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 8

3in = 8

HS= 1.508

VS= 3.408

GS= 3.463

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.955
MINIMUM X	-.553
MAXIMUM Y	1.901
MINIMUM Y	-1.507
CENTROID X	-.248
CENTROID Y	-.069
POA TO CENTROID in.	.258
MIN RADIUS	.197
MEAN RADIUS	.743
MAX RADIUS	2.128
HORIZONTAL SPREAD	1.508
VERTICAL SPREAD	3.408
EXTREME SPREAD	3.463
NUMBER IN ONE INCH CIRCLE	4
NUMBER IN TWO INCH CIRCLE	8
NUMBER IN THREE INCH CIRCLE	8

18 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523358

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 3

2in = 4

3in = 9

HS = 2.719

VS = 2.031

GS = 2.747

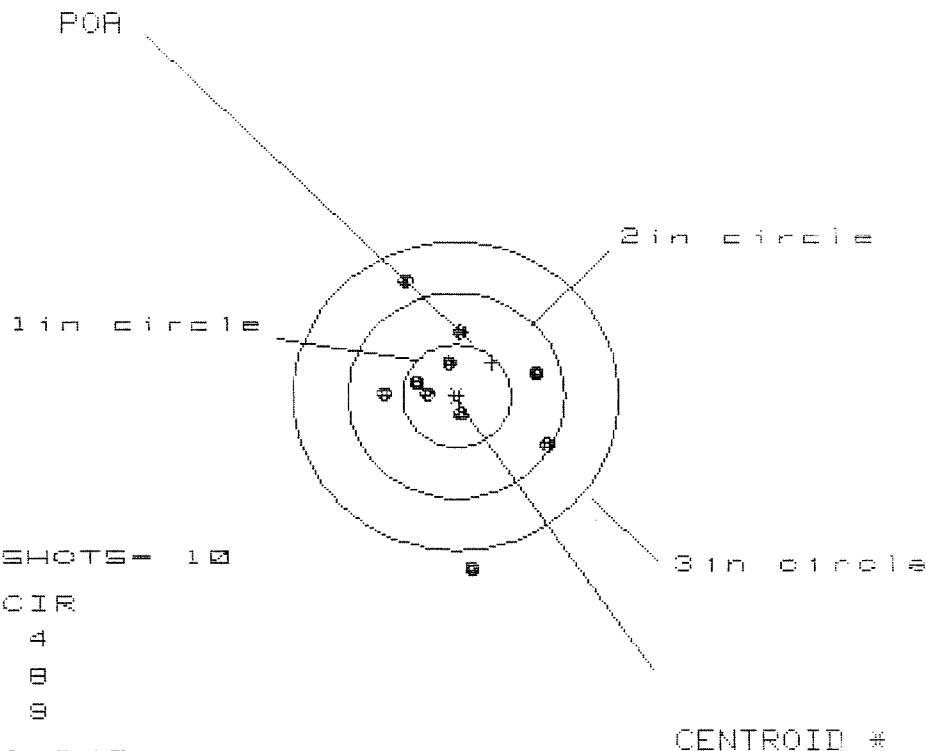
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.978	.784	.842
MINIMUM X	:	-1.741	-1.051	-.993
MAXIMUM Y	:	.991	.990	.758
MINIMUM Y	:	-1.040	-1.041	-.917
CENTROID X	:	.128	.322	.264
CENTROID Y	:	-.018	-.017	-.141
POA TO CENTROID in.	:	.129	.322	.299
MIN RADIUS	:	.278	.191	.235
MEAN RADIUS	:	.906	.786	.748
MAX RADIUS	:	1.741	1.266	1.249
HORIZONTAL SPREAD	:	2.719	1.835	1.835
VERTICAL SPREAD	:	2.031	2.031	1.675
EXTREME SPREAD	:	2.747	2.350	2.075
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523398

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 8

3 in = 9

HS = 1.848

VS = 2.847

ES = 2.918

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.855	.872	.814
MINIMUM X	:	-.694	-.677	-.735
MAXIMUM Y	:	1.148	.959	.543
MINIMUM Y	:	-1.699	-.671	-.551
CENTROID X	:	-.334	-.351	-.293
CENTROID Y	:	-.326	-.137	-.257
POA TO CENTROID in.	:	.467	.377	.390
MIN RADIUS	:	.194	.109	.236
MEAN RADIUS	:	.717	.582	.527
MAX RADIUS	:	1.706	1.101	.983
HORIZONTAL SPREAD	:	1.549	1.549	1.549
VERTICAL SPREAD	:	2.847	1.630	1.094
EXTREME SPREAD	:	2.918	2.111	1.625
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6523398

DATE 9/14/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.40	2.23	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.50	2.10	2.16	
PULL #3	2.40	2.32	2.29	2.14	
PULL #4	2.25	2.46	2.28	2.32	
PULL #5	2.33	2.31	2.30	2.44	
TOTAL	11.78	11.99	11.20	11.27	
AVG.	2.35	2.40	2.24	2.254	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	2.95		
PULL #2	3.14	3.00		
PULL #3	3.21	3.11		
PULL #4	3.25	3.08		
PULL #5	3.27	3.12		
TOTAL	16.05	16.26		
AVG.	3.21	3.25		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	3.95		4.21
PULL #2	4.00	3.85		4.11
PULL #3	4.11	3.85		4.05
PULL #4	4.15	3.90		4.16
PULL #5	4.06	3.97		4.21
TOTAL	20.47	19.52		20.74
AVG.	4.09	3.90		4.15

C A L - T E C

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 652 3398

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/21/90	KCD
	Magnaflux Bolt		8/21/90	KCD
615	Rollmark Caliber		8/21/90	GS
617	Drill and Tap Sight Holes		8/22/90	KB
618	Polish Barrel RB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8-21-90	JA
	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		9/14/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			9/14/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			9/14/90	WB
	H) Trigger Pull Test & Retainability						9/14/90	WB
	I) Firing Pin Indent	.022	.022	.022			9/14/90	WB
	J) Assemble Stock						9/14/90	KA
	K) Assemble Swivel Studs						9/17/90	PS
	L) Attach Front and Rear Sight Assemblies						9/14/90	KA
	M) Iron Sight Alignment						9/14/90	KA
	N) Detach Front & Rear Sights & place in numbered container						9/14/90	KA
	O) Attach Scope to Rifle						9/14/90	KA
	P) Detach & Attach Scope 20 Times						9/14/90	KA
640	Gallery Target & Test						9-16-90	AC
	A) Time						9-16-90	AC
	B) Malfunctions						9-16-90	AC
	C) Pierced Primers						9-16-90	AC
	D) Optical Clarity of Scope						9-16-90	AC
645	Inspect for Live Ammo						9-16-90	AC
655	Final Inspection							
	A) Headspace						9/17/90	PS
	B) Trigger Pull	2.21	2.16	2.14	2.32	2.44	9-16-90	PS
	C) Function						9/17/90	PS
660	Pack						9-19-90	DA