

06523521

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00128646

Serial: C6523521 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

New 4/27/2007 7:24:23 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: 25TH ID 2ND STRYKER BDE COMBAT TEAM

25TH ID 2ND STRYKER BDE COMBAT TEAM

Address 1: CHRISTOPHER LEE NEWLIN

CHRISTOPHER LEE NEWLIN

Address 2: BLDG 500 FOOTE AVE S4

PO Box:

BLDG 500 FOOTE AVE S4

PO Box:

City: SCHOFIELD BARRACKS

SCHOFIELD BARRACKS

State: HI

Zip Code: 96857

Country: US

State: HI

Zip Code: 96857

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
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

4/27/2007

7:43 AM

CAPS

NUM

INS

SCRL

start

51

R...

51

M...

S...

B...

P...

A...

7:43 AM

Serial
Number:

C6523521

Model: M24 SWS



RE00128646

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523521.___0
FILE DATE AND TIME: 08/15/2007 09:43

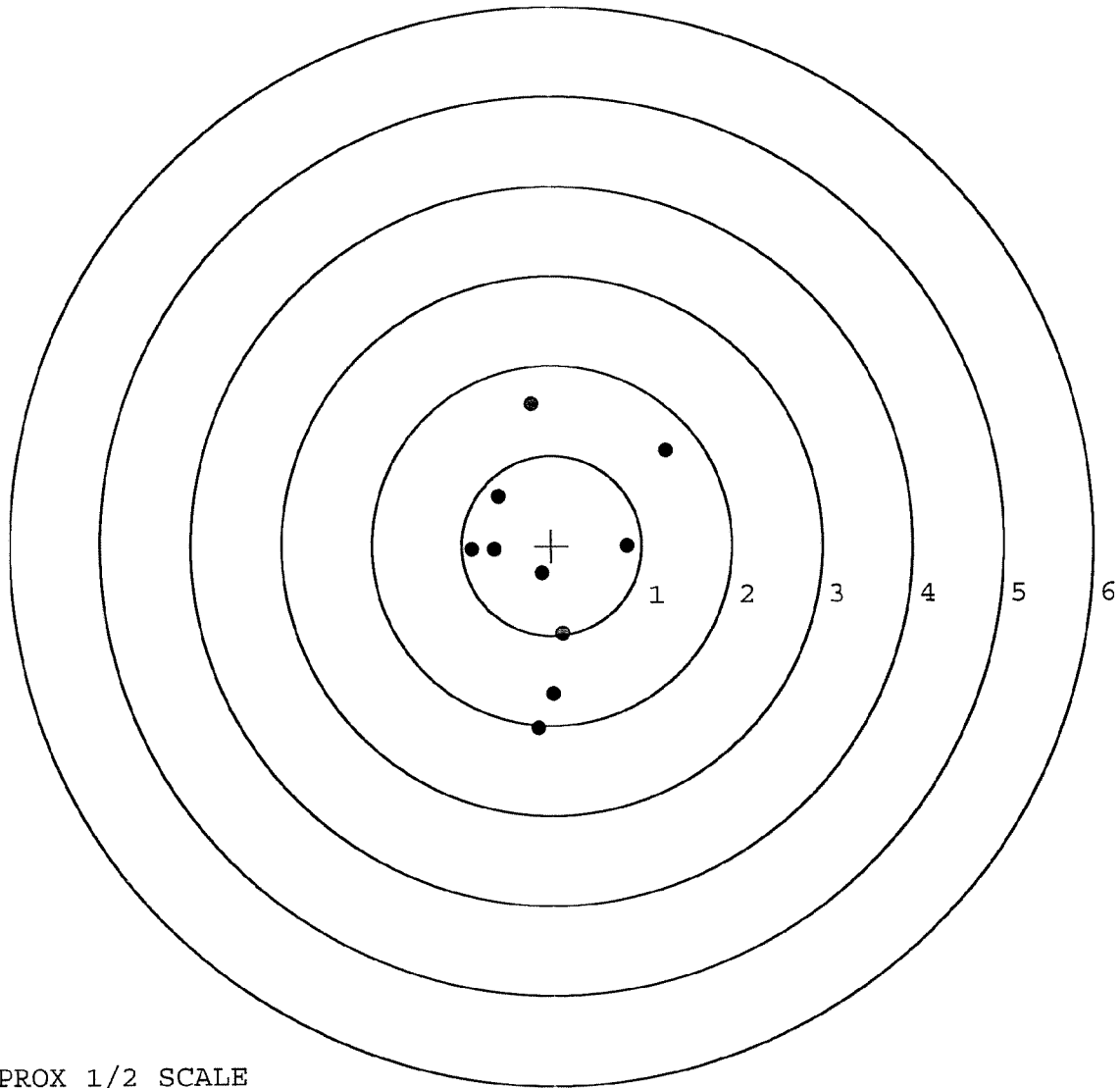
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.028
The Average Y Centroid of the Five Target Set:	-0.112
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	0.762
The Distance from POA to Centroid Target #1:	0.194
The Distance from Centroid Target #2 to Centroid Target #1:	0.236
The Distance from Centroid Target #3 to Centroid Target #1:	0.193
The Distance from Centroid Target #4 to Centroid Target #1:	0.065
The Distance from Centroid Target #5 to Centroid Target #1:	0.125

SERIAL NUMBER: C6523521. __0
 TARGET NUMBER: 1
 FILE DATE: 08/15/2007
 FILE TIME: 09:43

POINT#	X	Y
1:	1.271	1.053
2:	0.836	-0.013
3:	-0.590	0.550
4:	-0.887	-0.041
5:	-0.637	-0.041
6:	-0.108	-0.311
7:	0.122	-0.983
8:	0.020	-1.654
9:	-0.154	-2.036
10:	-0.225	1.569

X CENTROID: -0.035
 Y CENTROID: -0.191
 POA TO CENTROID: 0.194
 HORZ SPREAD: 2.158
 VERT SPREAD: 3.605
 GROUP SPREAD: 3.606
 MIN RADIUS: 0.141
 MAX RADIUS: 1.849
 MEAN RADIUS: 1.113
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0029576

SERIAL NUMBER: C6523521.____0

TARGET NUMBER: 2

FILE DATE: 08/15/2007

FILE TIME: 09:43

POINT#	X	Y
1:	1.381	-1.483
2:	0.121	-1.489
3:	0.007	-0.845
4:	0.045	-0.493
5:	0.405	0.026
6:	0.048	0.166
7:	0.123	0.554
8:	-0.361	0.172
9:	0.038	1.255
10:	-0.102	1.393

X CENTROID: 0.171

Y CENTROID: -0.074

POA TO CENTROID: 0.186

HORZ SPREAD: 1.742

VERT SPREAD: 2.882

GROUP SPREAD: 3.236

MIN RADIUS: 0.255

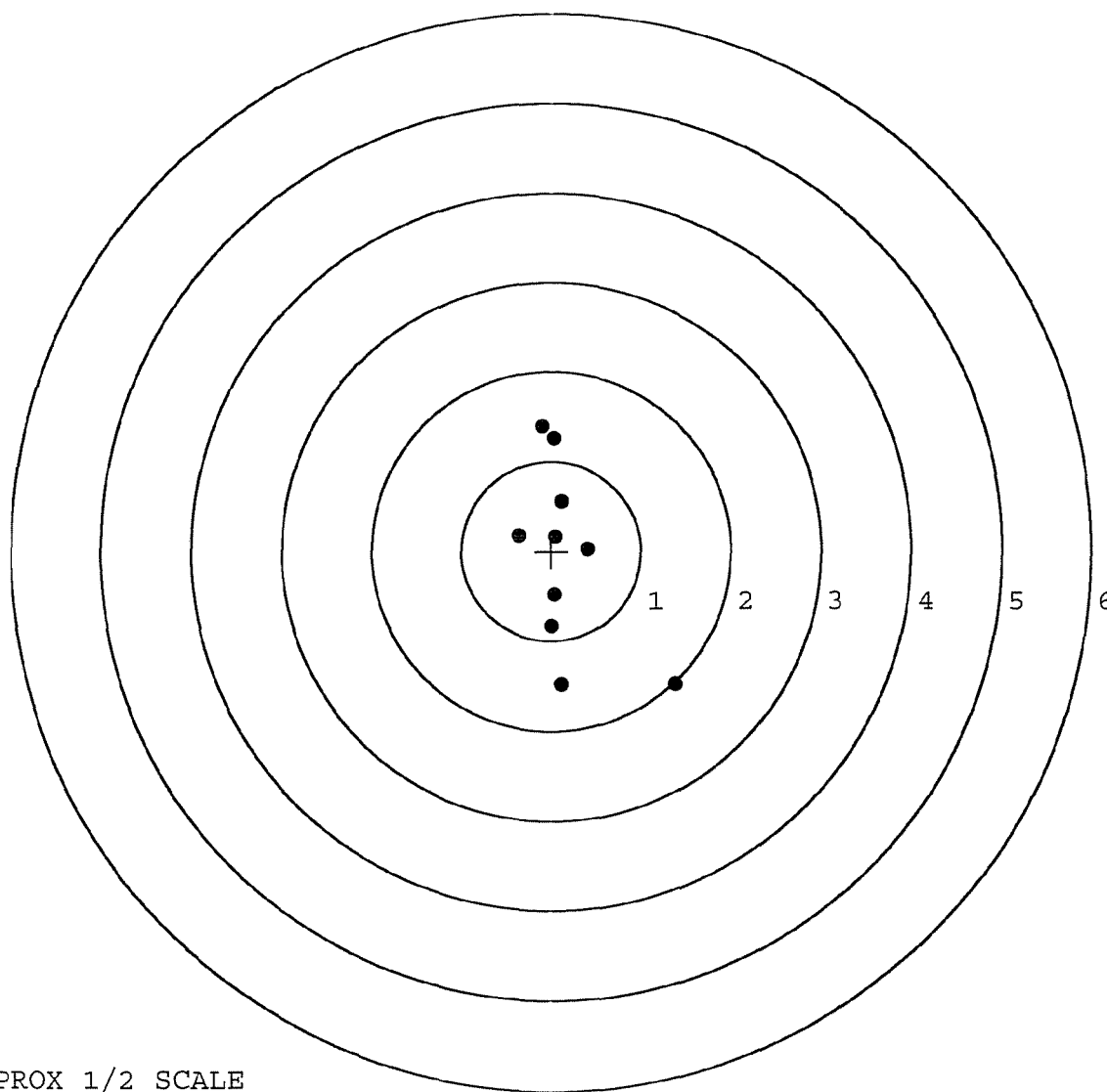
MAX RADIUS: 1.857

MEAN RADIUS: 0.907

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0029577

SERIAL NUMBER: C6523521. __0

TARGET NUMBER: 3

FILE DATE: 08/15/2007

FILE TIME: 09:43

X CENTROID: 0.131

Y CENTROID: -0.093

POA TO CENTROID: 0.161

HORZ SPREAD: 1.411

VERT SPREAD: 1.455

GROUP SPREAD: 1.565

MIN RADIUS: 0.163

MAX RADIUS: 0.904

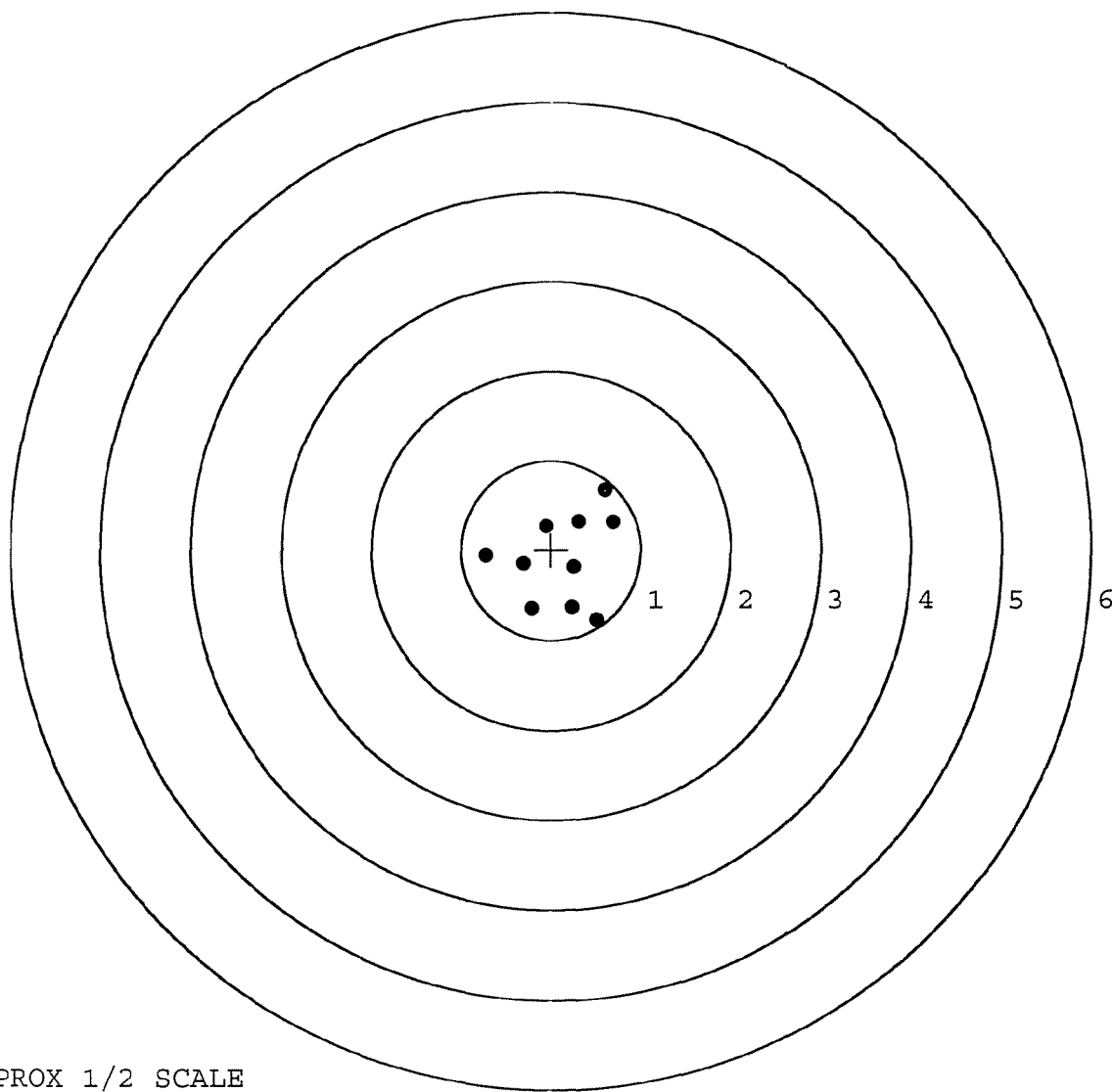
MEAN RADIUS: 0.592

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.508	-0.778
2:	0.239	-0.646
3:	-0.214	-0.657
4:	0.255	-0.198
5:	-0.306	-0.158
6:	-0.721	-0.070
7:	-0.056	0.266
8:	0.311	0.321
9:	0.690	0.315
10:	0.605	0.677



TARGET APPROX 1/2 SCALE

BARBER - M24 0029578

SERIAL NUMBER: C6523521. __0

TARGET NUMBER: 4

FILE DATE: 08/15/2007

FILE TIME: 09:43

POINT#	X	Y
--------	---	---

1:	0.131	-1.505
----	-------	--------

2:	-0.097	-0.810
----	--------	--------

3:	-0.385	-0.757
----	--------	--------

4:	0.768	-0.139
----	-------	--------

5:	-0.304	-0.145
----	--------	--------

6:	-0.409	0.045
----	--------	-------

7:	-0.943	0.476
----	--------	-------

8:	0.130	0.265
----	-------	-------

9:	0.160	0.609
----	-------	-------

10:	0.401	0.670
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X CENTROID: -0.055

Y CENTROID: -0.129

POA TO CENTROID: 0.140

HORZ SPREAD: 1.711

VERT SPREAD: 2.175

GROUP SPREAD: 2.253

MIN RADIUS: 0.250

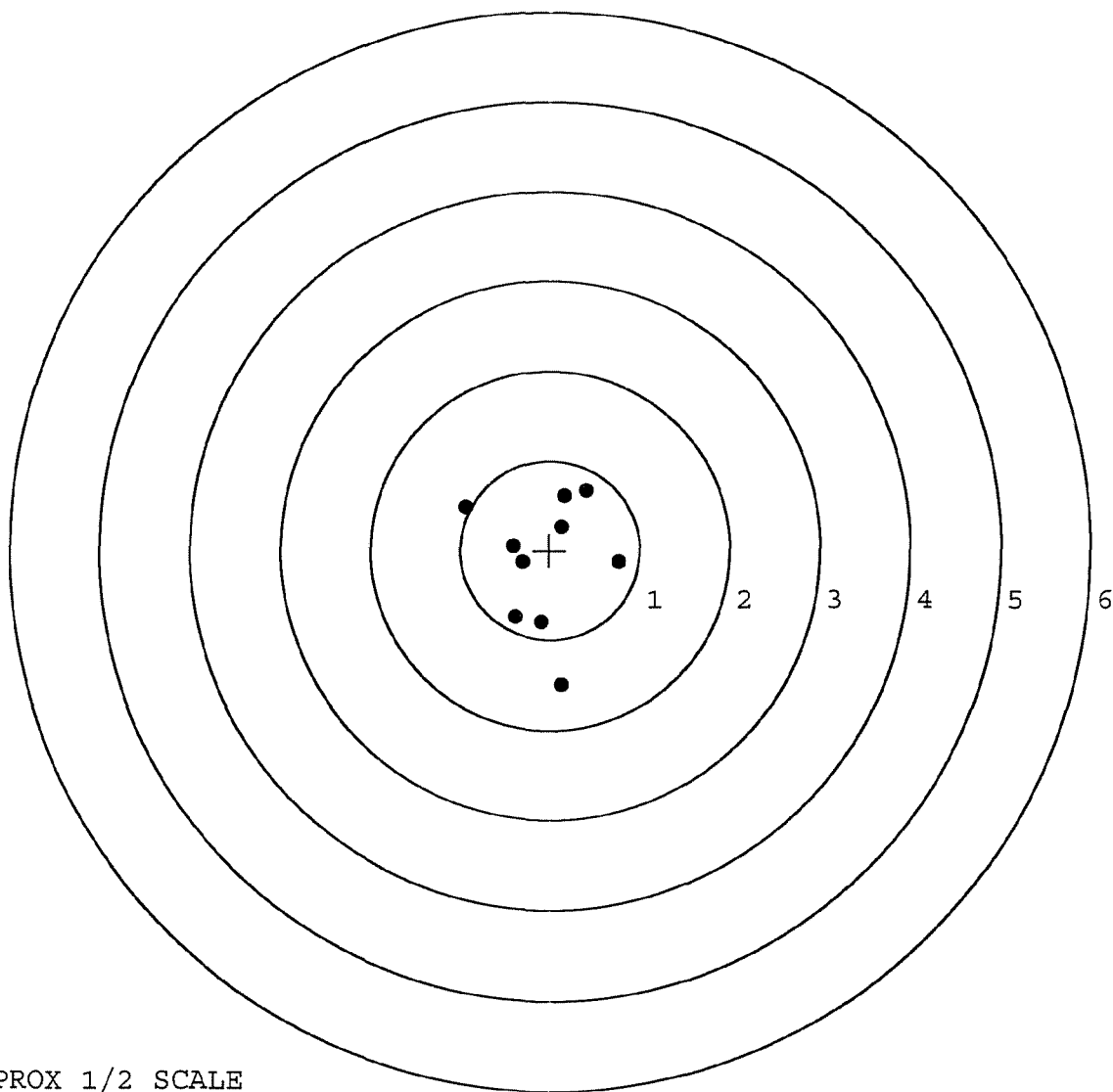
MAX RADIUS: 1.388

MEAN RADIUS: 0.745

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523521. __0

TARGET NUMBER: 5

FILE DATE: 08/15/2007

FILE TIME: 09:43

POINT#	X	Y
1:	0.722	0.028
2:	0.436	0.139
3:	0.048	0.226
4:	0.021	0.415
5:	-0.582	-0.488
6:	-0.995	-0.515
7:	0.090	-0.036
8:	0.004	-0.231
9:	-0.147	-0.057
10:	-0.311	-0.195

X CENTROID: -0.071

Y CENTROID: -0.071

POA TO CENTROID: 0.101

HORZ SPREAD: 1.717

VERT SPREAD: 0.930

GROUP SPREAD: 1.801

MIN RADIUS: 0.077

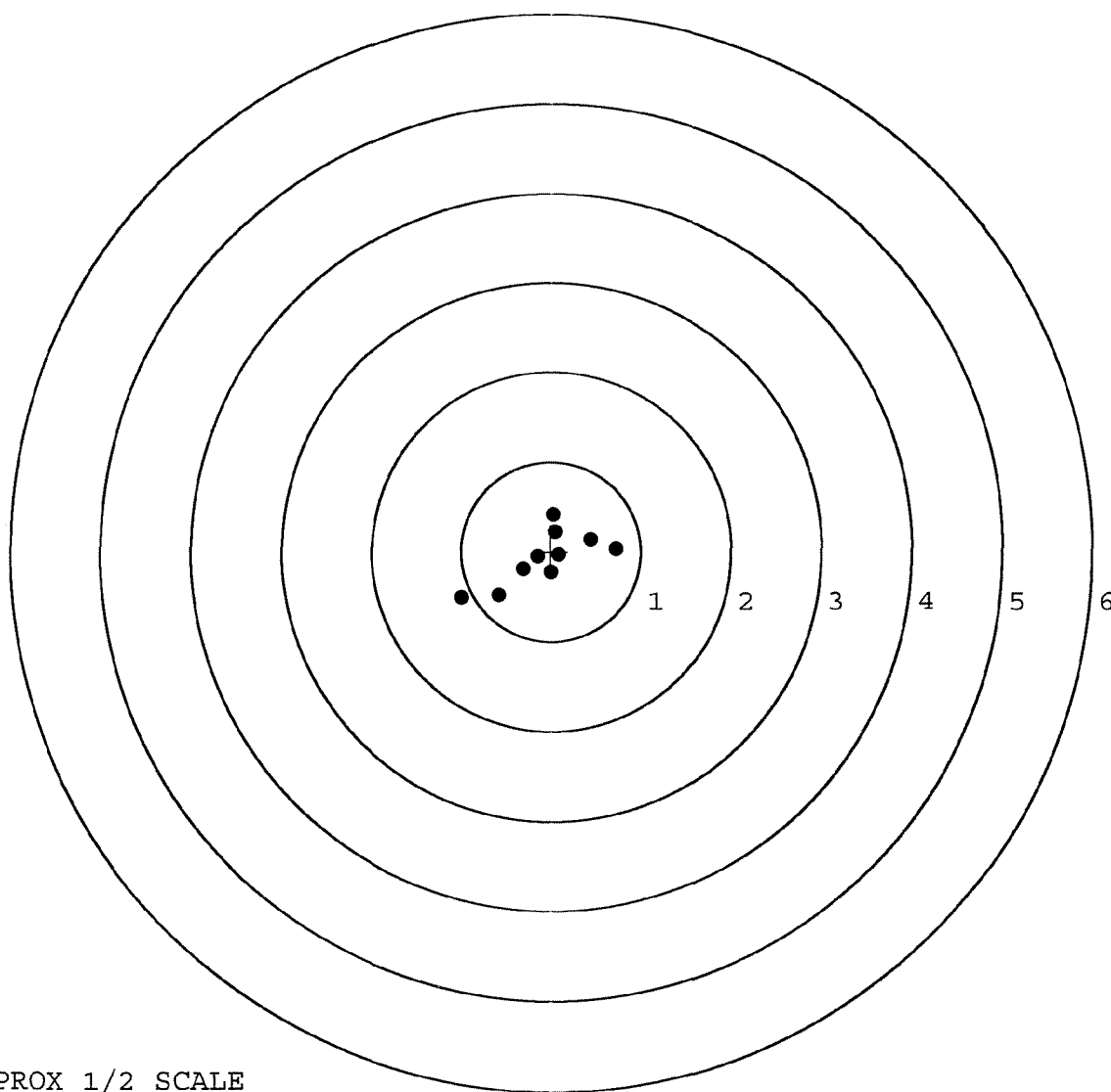
MAX RADIUS: 1.025

MEAN RADIUS: 0.454

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

5052

R & E NUMBER

128646

SERIAL NUMBER

C6523521

LOG-IN DATE

4-27-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-26-07	RIZ
505	RE-BARREL	7-31-07	RTZ
560	ASSEMBLE	7-31-07	RTZ
600	PROOF	8/1/07	RTZ
605	CHECK HEADSPACE	8/1/07	RTZ
610	DIS-ASSEMBLE GUN	8-2-07	RTZ
612	MAGNAFLUX	8-3-07	RTZ
510	DRILL AND TAP	8-2-07	TRW
615	ROLLMARK CALIBER	8-2-07	CW
618	ROTO-BLAST	8-3-07	LY
620	APPLY COATINGS	8-10-07	CM
625	FINAL ASSEMBLY	8-13-07	RTZ
640	FUNCTION TEST AND	8-14-07	TRW
650	TARGET	8-14-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-14-07	FM
	A) HEADSPACE	8-17-07	RTZ
	B) TRIGGER PULL	8-15-07	RA
680	F) SAFETY ON FORCE	8-15-07	RA
	G) SAFETY OFF FORCE	8-15-07	RA
	I) FIRING PIN INDENT	8-15-07	RA
690	PACK	8-23-07	RA

Serial Number: C652352

Model: M24 SWS



RE00089030

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523521.___0
FILE DATE AND TIME: 01/10/2005 11:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.065
The Average Y Centroid of the Five Target Set:	-0.095
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	0.703
The Distance from POA to Centroid Target #1:	0.150
The Distance from Centroid Target #2 to Centroid Target #1:	0.177
The Distance from Centroid Target #3 to Centroid Target #1:	0.081
The Distance from Centroid Target #4 to Centroid Target #1:	0.030
The Distance from Centroid Target #5 to Centroid Target #1:	0.070

SERIAL NUMBER: C6523521. __0

TARGET NUMBER: 1

FILE DATE: 01/10/2005

FILE TIME: 11:15

X CENTROID: -0.088

Y CENTROID: -0.121

POA TO CENTROID: 0.150

HORZ SPREAD: 1.964

VERT SPREAD: 1.547

GROUP SPREAD: 2.024

MIN RADIUS: 0.312

MAX RADIUS: 1.242

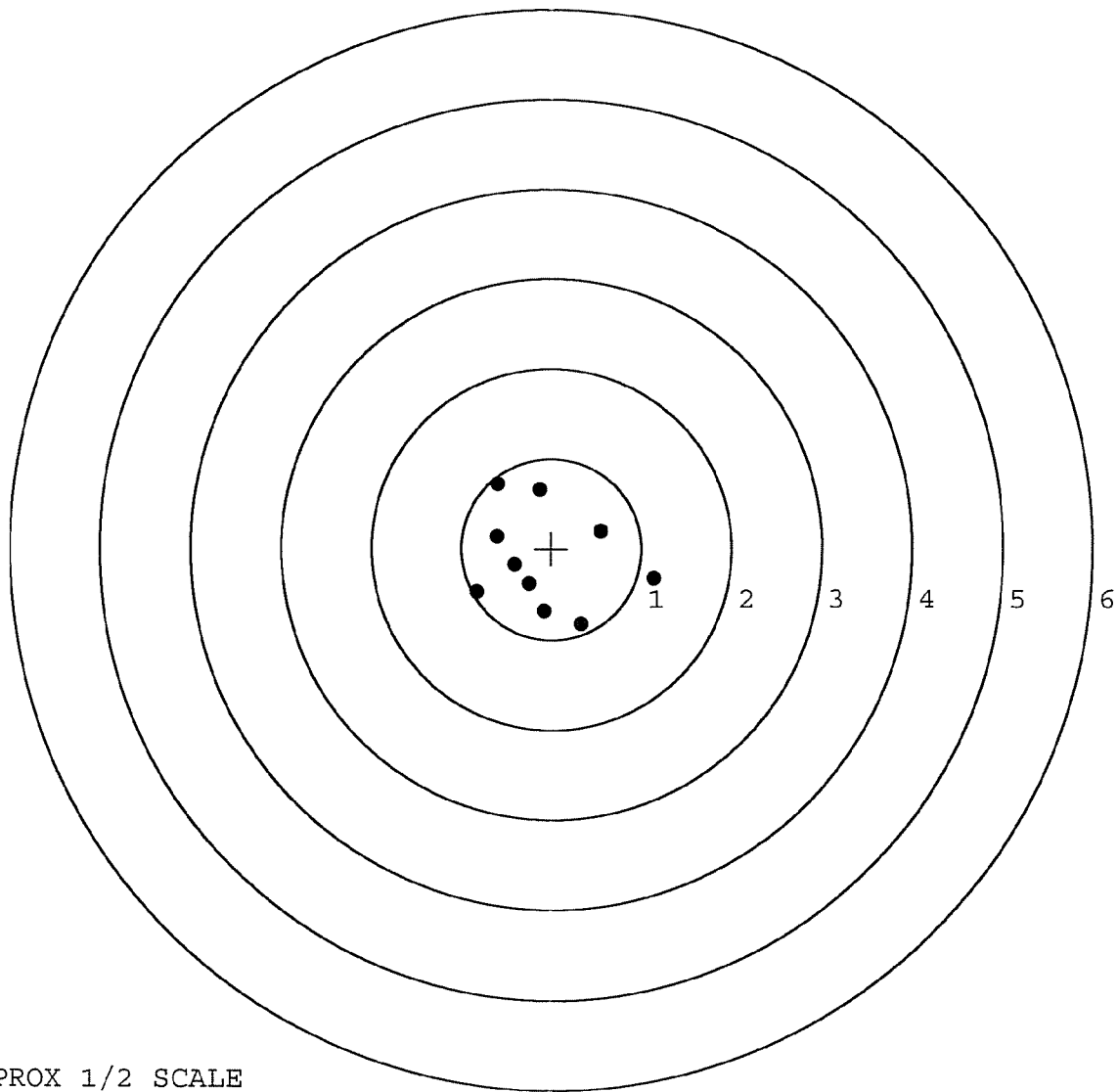
MEAN RADIUS: 0.715

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.135	-0.332
2:	0.551	0.194
3:	0.332	-0.828
4:	-0.084	-0.693
5:	-0.250	-0.387
6:	-0.829	-0.482
7:	-0.606	0.128
8:	-0.128	0.660
9:	-0.595	0.719
10:	-0.411	-0.185

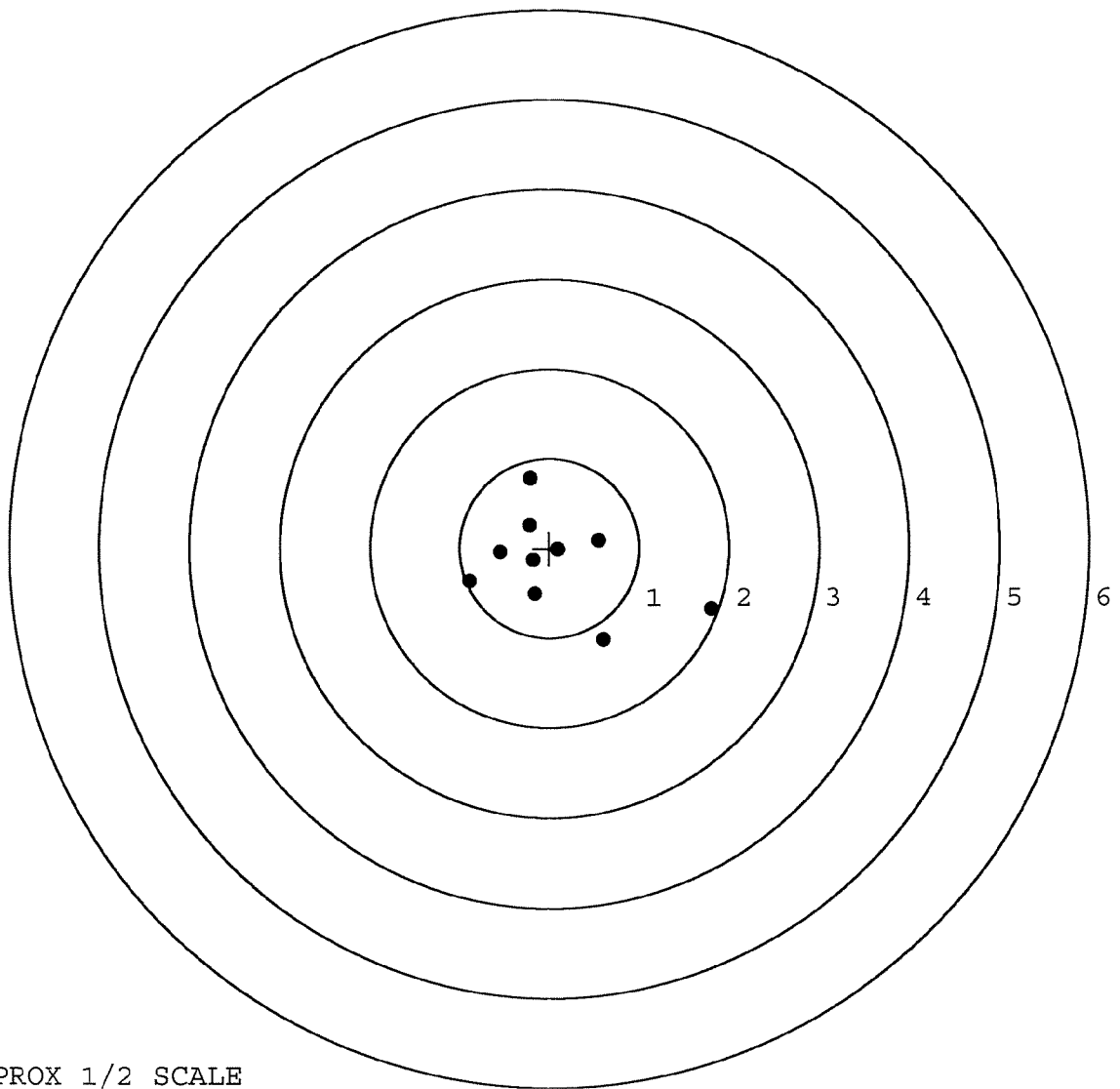


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523521. __0
 TARGET NUMBER: 2
 FILE DATE: 01/10/2005
 FILE TIME: 11:15

POINT#	X	Y
1:	1.805	-0.686
2:	0.604	-1.021
3:	0.549	0.090
4:	-0.161	-0.517
5:	-0.893	-0.379
6:	-0.219	0.779
7:	0.098	-0.017
8:	-0.185	-0.134
9:	-0.226	0.255
10:	-0.552	-0.047

X CENTROID: 0.082
 Y CENTROID: -0.168
 POA TO CENTROID: 0.187
 HORZ SPREAD: 2.698
 VERT SPREAD: 1.800
 GROUP SPREAD: 2.715
 MIN RADIUS: 0.152
 MAX RADIUS: 1.799
 MEAN RADIUS: 0.734
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523521. __0

TARGET NUMBER: 3

FILE DATE: 01/10/2005

FILE TIME: 11:15

X CENTROID: -0.107

Y CENTROID: -0.041

POA TO CENTROID: 0.115

HORZ SPREAD: 1.772

VERT SPREAD: 1.304

GROUP SPREAD: 1.836

MIN RADIUS: 0.129

MAX RADIUS: 0.992

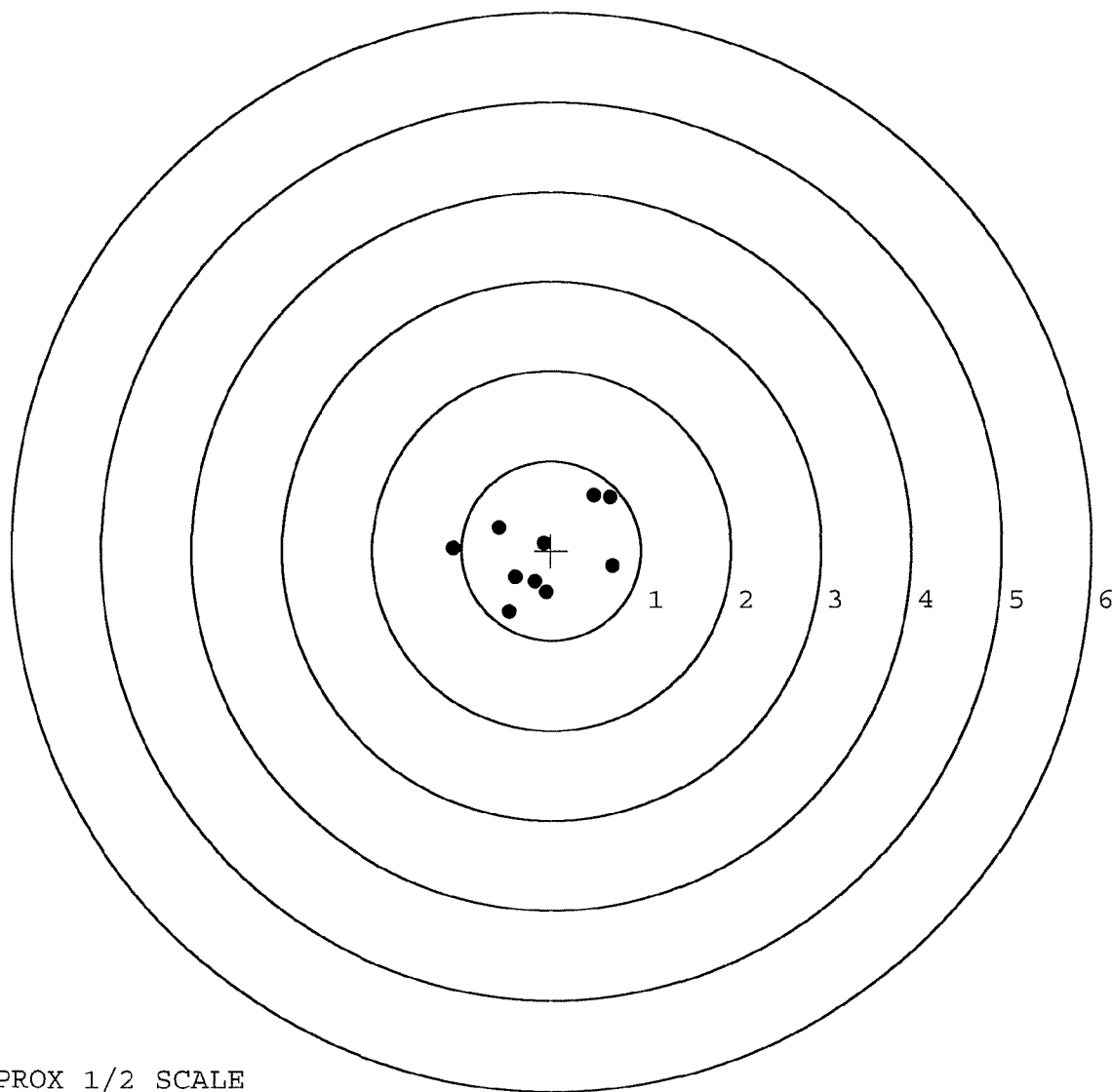
MEAN RADIUS: 0.623

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.681	-0.174
2:	0.653	0.596
3:	0.472	0.614
4:	-0.085	0.086
5:	-0.589	0.254
6:	-1.091	0.023
7:	-0.056	-0.467
8:	-0.183	-0.351
9:	-0.403	-0.305
10:	-0.473	-0.690



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523521. __0

TARGET NUMBER: 4

FILE DATE: 01/10/2005

FILE TIME: 11:15

POINT#	X	Y
1:	0.514	-0.599
2:	0.438	-0.200
3:	0.446	0.494
4:	0.196	0.252
5:	-0.212	0.302
6:	-0.596	0.131
7:	-0.850	0.815
8:	-0.093	-0.676
9:	-0.383	-0.904
10:	-0.413	-0.529

X CENTROID: -0.095

Y CENTROID: -0.091

POA TO CENTROID: 0.132

HORZ SPREAD: 1.364

VERT SPREAD: 1.719

GROUP SPREAD: 1.965

MIN RADIUS: 0.410

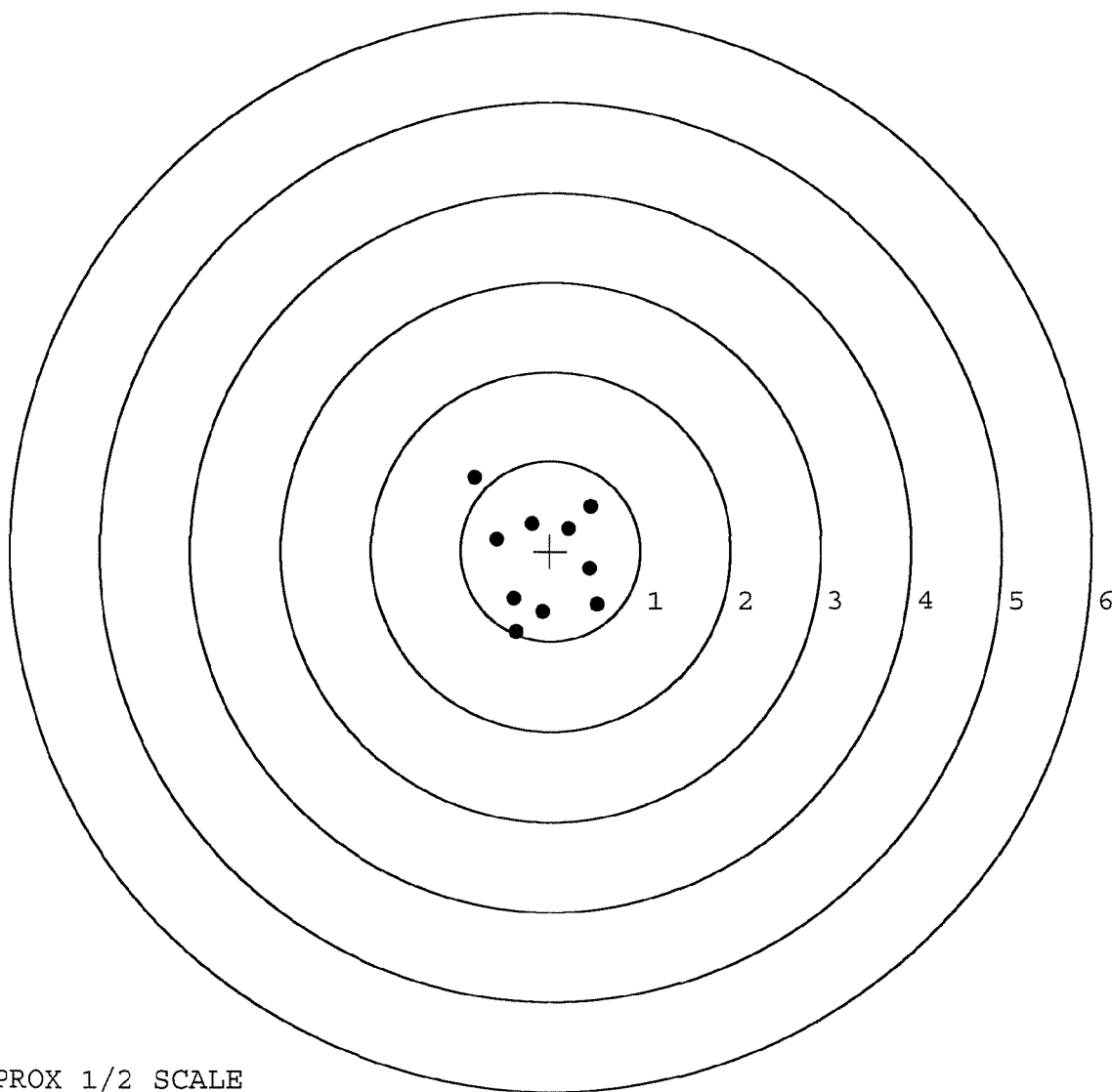
MAX RADIUS: 1.179

MEAN RADIUS: 0.671

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0029587

SERIAL NUMBER: C6523521. __0

TARGET NUMBER: 5

FILE DATE: 01/10/2005

FILE TIME: 11:15

POINT#	X	Y
1:	0.518	-1.142
2:	0.425	-0.424
3:	0.825	0.167
4:	0.232	0.334
5:	0.204	0.711
6:	-0.205	-0.159
7:	-0.448	-0.661
8:	-0.563	0.214
9:	-0.739	0.558
10:	-1.391	-0.151

X CENTROID: -0.114

Y CENTROID: -0.055

POA TO CENTROID: 0.127

HORZ SPREAD: 2.216

VERT SPREAD: 1.853

GROUP SPREAD: 2.239

MIN RADIUS: 0.138

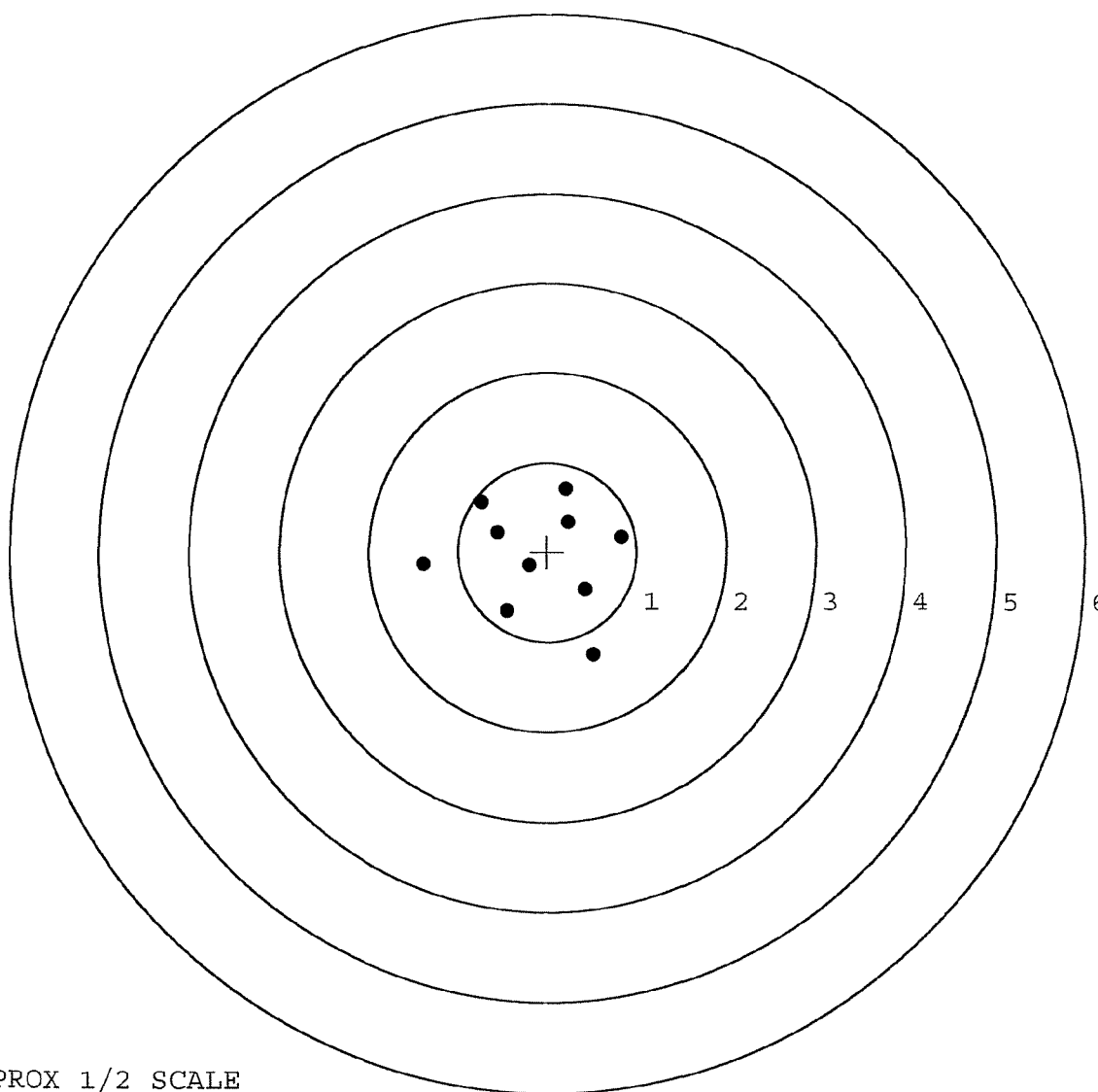
MAX RADIUS: 1.280

MEAN RADIUS: 0.773

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	89030		
SERIAL NUMBER	C6523521		
LOG-IN DATE	12-6-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-7-04	RTL
560 A	RE-BARREL	12-15-04	RTZ
B	DRILL AND TAP	12-27-04	TRLJ
575	ASSEMBLE	12-16-04	RTZ
600	PROOF	12-16-04	RTZ
605	CHECK HEADSPACE	12-16-04	RTZ
610	DIS-ASSEMBLE GUN	12-27-04	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	12-27-04	CW
618	ROTO-BLAST	12/28/04	DG
620	APPLY COATINGS	1/3/05	HP
625 A	FINAL ASSEMBLY	1-6-05	RTZ
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-10-05	AC
655	FINAL INSPECT	1-11-05	AC
660	PACK	3-1-05	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.

DUPONT

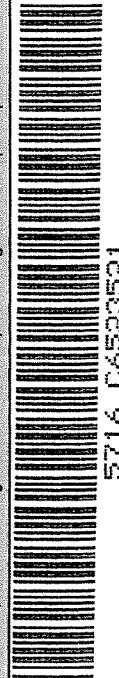
MODEL 700™ H24

SERIAL NO. C6523521

ORDER NO. 5716

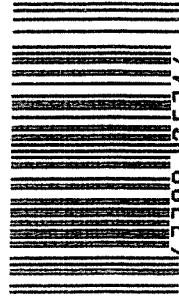
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6523521

UPC



0 47700 25716 7

MOD. M24 GA. 308 GUN #6523521
 CAL. 308

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st		
	9/12	Mag. Capacity Wrong! Wrong!	KS
	2nd	No Good!! Only a 4 shot, rounds	
	3rd	Scope Tipped	
	4th	Repaired	KA 9/14/20
		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		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 652 3521

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	KCR
	Magnaflux Bolt		8/21/90	KCR
615	Rollmark Caliber		8/21/90	GS
617	Drill and Tap Sight Holes		8/21/90	FB
618	Polish Barrel		8/21/90	WB
620	Apply Coatings (Barrel Action)		8-21-90	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9-1/90	ICS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/1/90	ICS
	C) Inspect Ejector Hole for Chamfer		9/1/90	ICS
	D) Oil Firing Pin Ass'y		9/1/90	ICS
	E) Adjust Trigger Pull to Min Setting and Stake		9/10/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/10/90	WLB
	G) Safety Off Force	3	3	3			9/10/90	WLB
	H) Trigger Pull Test & Retainability						9/10/90	WLB
	I) Firing Pin Indent	.0235	.0235	.0235			9/10/90	WLB
	J) Assemble Stock						9/10/90	KS
	K) Assemble Swivel Studs						9/18/90	JSB
	L) Attach Front and Rear Sight Assemblies						9/11/90	KA
	M) Iron Sight Alignment						9/11/90	KA
	N) Detach Front & Rear Sights & place in numbered container						9/11/90	KA
	O) Attach Scope to Rifle						9/11/90	KA
	P) Detach & Attach Scope 20 Times						9/11/90	KA
640	Gallery Target & Test						9/12/90	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						9/12/90	NF
655	Final Inspection							
	A) Headspace						9/18/90	JSB
	B) Trigger Pull	2.21	2.18	2.37	2.41	2.50	9-18-90	KA
	C) Function						9/18/90	JSB
660	Pack						12-18-90	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6523521
DATE 9/10/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.26	2.21	2.21	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.47	2.30	2.26	2.18	
PULL #3	2.54	2.21	2.24	2.37	
PULL #4	2.30	2.09	2.23	2.41	
PULL #5	2.43	2.10	2.23	2.50	
TOTAL	12.14	10.96	11.17		
AVG.	2.43	2.19	2.23		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.32		
PULL #2	3.27	3.19		
PULL #3	3.16	3.40		
PULL #4	3.19	3.25		
PULL #5	3.40	3.26		
TOTAL	16.22	16.42		
AVG.	3.24	3.28		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.10		3.82
PULL #2	4.09	4.04		3.93
PULL #3	4.05	4.10		3.86
PULL #4	4.03	4.13		3.81
PULL #5	4.00	4.07		3.86
TOTAL	20.33	20.44		19.28
AVG.	4.06	4.09		3.85

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523521
13 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.513391
1 TO	2	.344224
1 TO	3	.28873
1 TO	4	.306341
1 TO	5	.79398

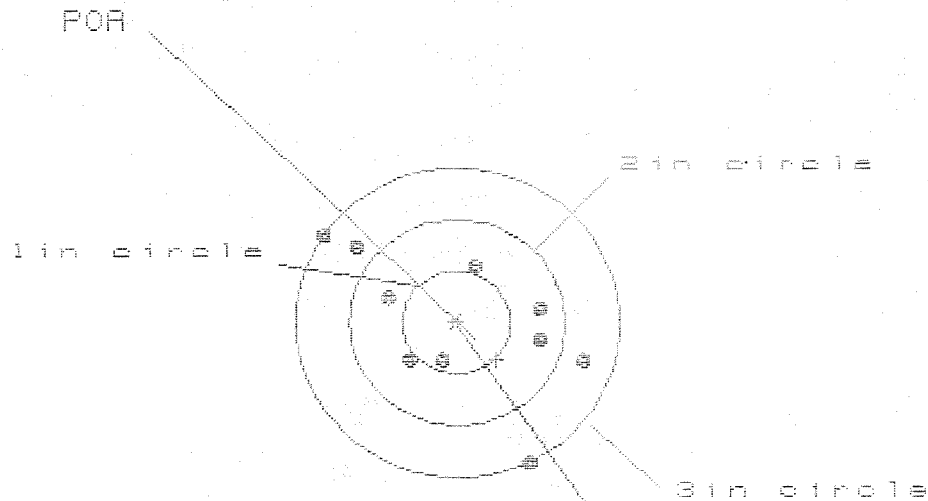
t_s <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1556
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0922
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .188865
THE AMR FOR THIS RIFLE IS: 1.00

12 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523521

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 8

HS= 2.413

VS= 2.253

GS= 2.948

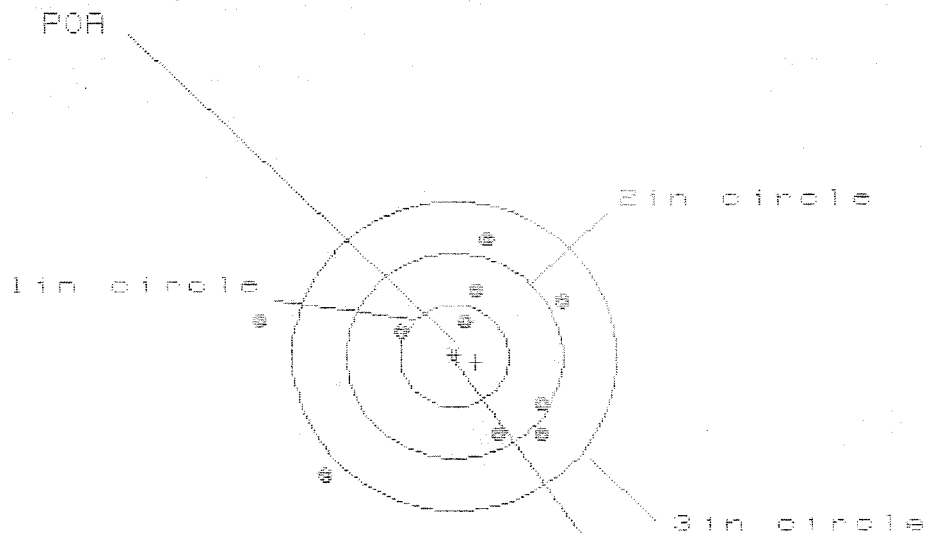
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.165	1.238	1.091
MINIMUM X	-1.248	-1.175	-1.032
MAXIMUM Y	.873	.720	.660
MINIMUM Y	-1.380	-.546	-.456
CENTROID X	-.367	-.440	-.293
CENTROID Y	.359	.512	.422
POA TO CENTROID in.	.513	.675	.514
MIN RADIUS	.377	.452	.469
MEAN RADIUS	.927	.854	.776
MAX RADIUS	1.527	1.378	1.225
HORIZONTAL SPREAD	2.413	2.413	2.123
VERTICAL SPREAD	2.253	1.266	1.116
EXTREME SPREAD	2.948	2.725	2.399
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

12 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523521

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.793

VS = 2.355

GS = 2.825

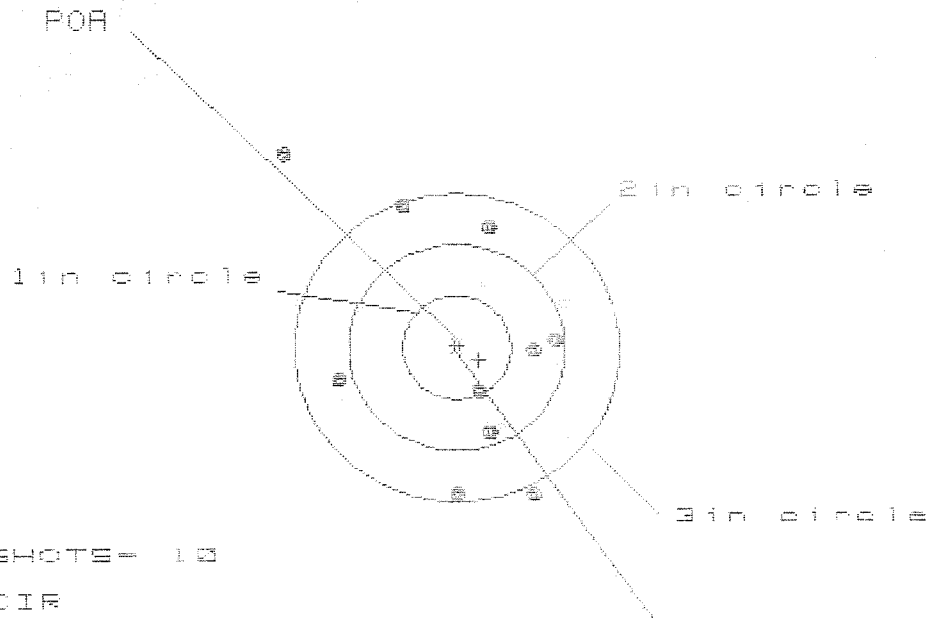
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.955	.751	.569
MINIMUM X	-1.838	-1.450	-.846
MAXIMUM Y	1.167	1.199	1.055
MINIMUM Y	-1.188	-1.156	-.914
CENTROID X	-.200	.004	.186
CENTROID Y	.058	.026	.170
POA TO CENTROID in.	.208	.026	.252
MIN RADIUS	.355	.390	.369
MEAN RADIUS	1.033	.915	.766
MAX RADIUS	1.862	1.854	1.059
HORIZONTAL SPREAD	2.793	2.201	1.415
VERTICAL SPREAD	2.355	2.355	1.969
EXTREME SPREAD	2.825	2.815	1.977
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

12 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523521

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS = 2.424

VS = 3.249

GS = 3.945

CENTROID *

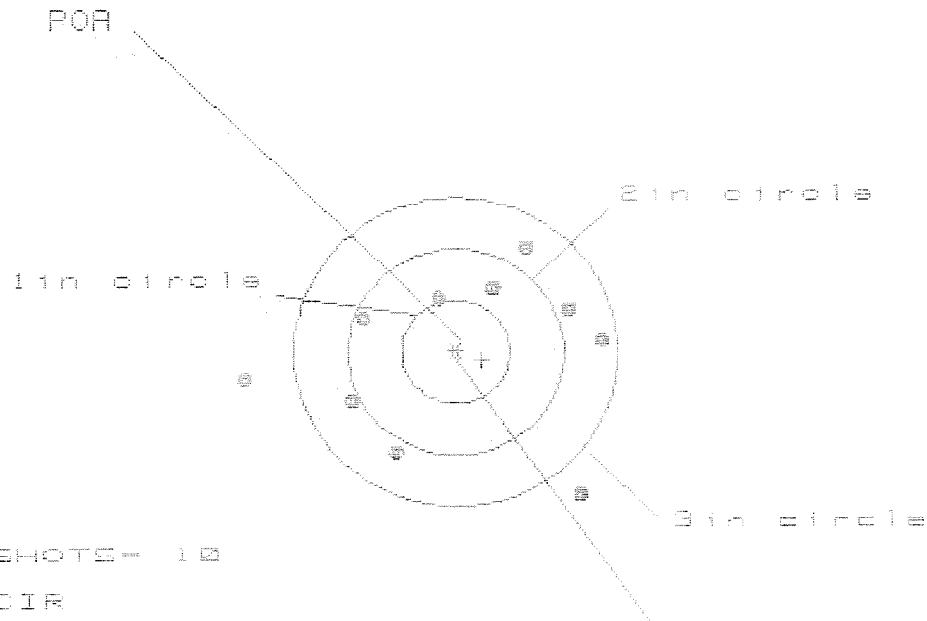
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.913	.737	.797
MINIMUM X	-1.581	-1.223	-1.163
MAXIMUM Y	1.832	1.547	1.395
MINIMUM Y	-1.417	-1.214	-1.336
CENTROID X	-.205	-.029	-.090
CENTROID Y	.120	-.004	.068
POA TO CENTROID in.	.237	.089	.112
MIN RADIUS	.451	.203	.363
MEAN RADIUS	1.202	.992	.976
MAX RADIUS	2.419	1.692	1.529
HORIZONTAL SPREAD	2.494	1.960	1.960
VERTICAL SPREAD	3.249	2.761	2.731
EXTREME SPREAD	3.945	2.997	2.789
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

12 Sep 1998

FILE: PATTERNING/CENTERFIRE_PATT/08523521

CENTERFIRE PATTERNS

4

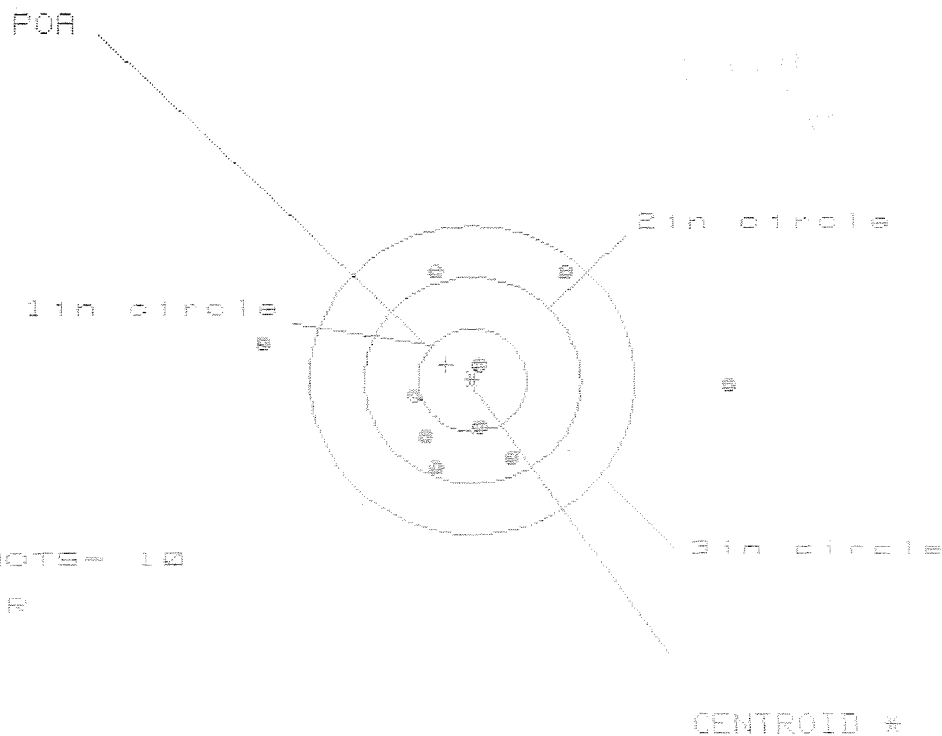


PATTERN #	4	5	6
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.389	1.169	1.286
MINIMUM X	-1.980	-1.148	-1.031
MAXIMUM Y	.975	.949	.774
MINIMUM Y	-1.366	-1.392	-1.139
CENTROID X	-.245	-.025	-.142
CENTROID Y	.078	.104	.278
POA TO CENTROID in.	.257	.107	.312
MIN RADIUS	.597	.593	.465
MEAN RADIUS	1.190	1.085	.968
MAX RADIUS	1.995	1.678	1.335
HORIZONTAL SPREAD	3.369	2.317	2.317
VERTICAL SPREAD	2.341	2.341	1.914
EXTREME SPREAD	3.394	2.659	2.407
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	3	
NUMBER IN THREE INCH CIRCLE	=	8	

12 Sep 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523521

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 4.294

VS= 1.928

GS= 4.314

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.331	1.065	.872
MINIMUM X	-1.963	-1.704	-.584
MAXIMUM Y	1.097	1.034	1.141
MINIMUM Y	-.831	-.834	-.787
CENTROID X	.239	-.020	.193
CENTROID Y	-.154	-.150	-.197
POA TO CENTROID in.	.284	.151	.276
MIN RADIUS	.197	.317	.252
MEAN RADIUS	1.050	.839	.761
MAX RADIUS	2.331	1.745	1.430
HORIZONTAL SPREAD	4.294	2.739	1.376
VERTICAL SPREAD	1.928	1.928	1.928
EXTREME SPREAD	4.314	2.878	2.246
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

COMMENTS

ORDER
R 94-18396

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN *SC0417*

SCOAE 90-0333

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94		C6523521		700 7.62 NATO
ACCESSORIES	SLING STRAP	HARD CASE	SCOPE MNTS	SCOPE BASE	

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

AL
36201-5025

CUST NO: 098397 C.d.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE _____

PROM. DATE

ESTIMATED

VIA

1. **Introduction**
 2. **Background**
 3. **Methodology**
 4. **Results**
 5. **Conclusion**
 6. **References**

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

✓ Stock	\$471.11
Trigger Assy	123.31
CTI	50.00
	\$694.45

CHECK FEEDING / COORD

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
-----------	-------	-------	------	--------	---------

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
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OFFICE COPY

RD6925 REV 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 M2400029640

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6523521

DATE _____

TESTER EW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.66	2.70	2.82		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.69	2.73	2.67		
PULL #3	2.69	2.60	2.75		
PULL #4	2.76	2.74	2.74		
PULL #5	2.64	2.70	2.71		
TOTAL	13.44	13.47	13.69		
AVG.	2.69	2.69	2.74		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.21		
PULL #2	3.12	3.18		
PULL #3	3.14	3.14		
PULL #4	3.07	3.05		
PULL #5	3.15	3.19		
TOTAL	15.76	15.77		
AVG.	3.15	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.32		4.16
PULL #2	4.08	4.27		4.17
PULL #3	4.14	4.20		4.24
PULL #4	4.14	4.16		4.21
PULL #5	4.14	4.21		4.33
TOTAL	20.55	21.16		21.11
AVG.	4.11	4.23		4.22

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523521

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock			
600	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			

op. #	BARBER - M24 0029604 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2			12/14	WB
	G) Safety Off Force	2 1/2	2 3/4	2 1/2			12/14	WB
	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	2.71	2.75	2.73	2.77	2.77	12/14	WB
	C) Function							
660	Pack							