

C6594523

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: RE00144826

Serial: C6594523 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 4/24/2008 10:57:12 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: B/210TH BSB

B/210TH BSB

Address 1: 2 BCT

2 BCT

Address 2: 10 TH MTN DIV

PO Box:

10 TH MTN DIV

PO Box:

City: FORT DRUM

FORT DRUM

State: NY

Zip Code: 13602

Country: US

State: NY

Zip Code: 13602

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
A026	Scope	1
A057	Fit and Rear Sgt Base	1

nagletj

4/24/2008

12:25 PM

NUM

Serial
Number:

C6594523

Model: M24 SWS



RE00144826

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594523.__0
FILE DATE AND TIME: 05/28/2008 05:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.014
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.015
The Average Mean Radius of the Five Target Set:	0.659
The Distance from POA to Centroid Target #1:	0.052
The Distance from Centroid Target #2 to Centroid Target #1:	0.194
The Distance from Centroid Target #3 to Centroid Target #1:	0.165
The Distance from Centroid Target #4 to Centroid Target #1:	0.130
The Distance from Centroid Target #5 to Centroid Target #1:	0.056

SERIAL NUMBER: C6594523. __ 0

TARGET NUMBER: 1

FILE DATE: 05/28/2008

FILE TIME: 05:32

X CENTROID: 0.045

Y CENTROID: -0.027

POA TO CENTROID: 0.052

HORZ SPREAD: 2.174

VERT SPREAD: 1.553

GROUP SPREAD: 2.314

MIN RADIUS: 0.177

MAX RADIUS: 1.211

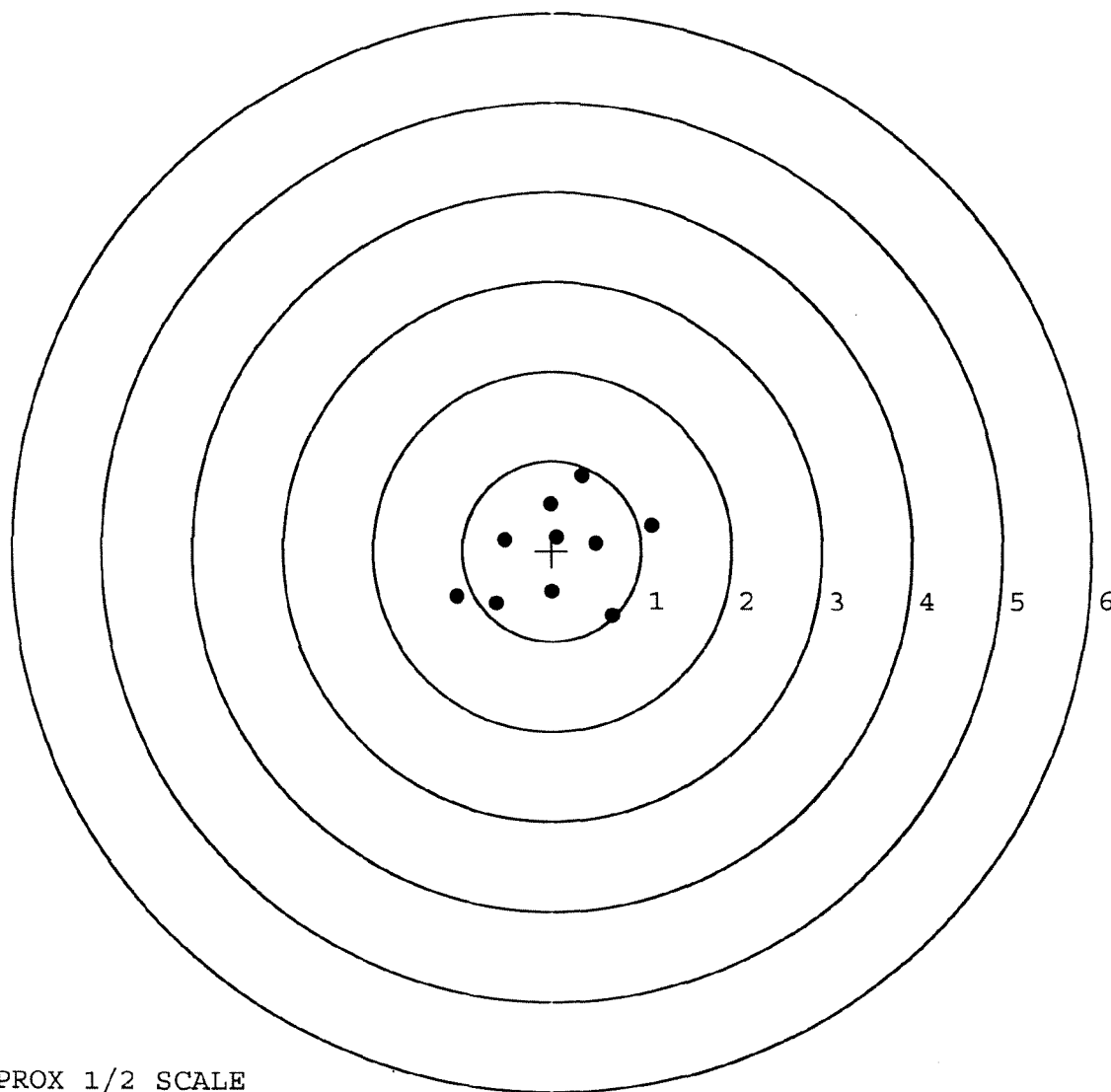
MEAN RADIUS: 0.724

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.674	-0.717
2:	1.108	0.283
3:	0.498	0.092
4:	-0.003	-0.459
5:	0.058	0.150
6:	-0.017	0.514
7:	0.338	0.836
8:	-0.521	0.125
9:	-0.622	-0.585
10:	-1.066	-0.509



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594523. __0

TARGET NUMBER: 2

FILE DATE: 05/28/2008

FILE TIME: 05:32

X CENTROID: -0.137

Y CENTROID: -0.096

POA TO CENTROID: 0.167

HORZ SPREAD: 1.516

VERT SPREAD: 1.901

GROUP SPREAD: 2.032

MIN RADIUS: 0.256

MAX RADIUS: 1.079

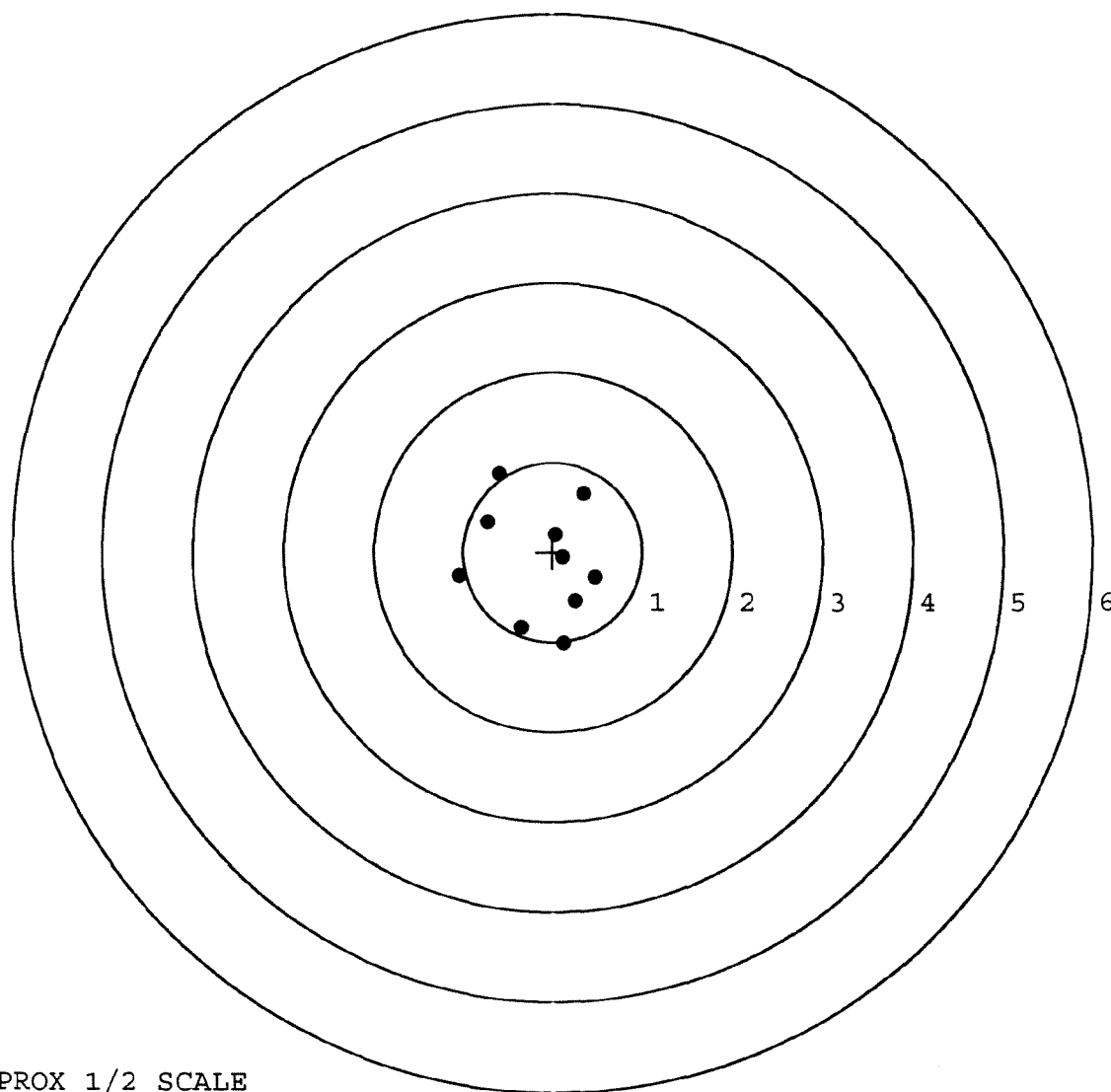
MEAN RADIUS: 0.721

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.121	-1.021
2:	0.255	-0.550
3:	0.475	-0.284
4:	-0.358	-0.845
5:	0.353	0.658
6:	-0.728	0.342
7:	-1.041	-0.271
8:	-0.596	0.880
9:	0.034	0.198
10:	0.118	-0.066



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594523. __ 0

TARGET NUMBER: 3

FILE DATE: 05/28/2008

FILE TIME: 05:32

X CENTROID: 0.071

Y CENTROID: 0.136

POA TO CENTROID: 0.154

HORZ SPREAD: 1.795

VERT SPREAD: 2.031

GROUP SPREAD: 2.204

MIN RADIUS: 0.409

MAX RADIUS: 1.153

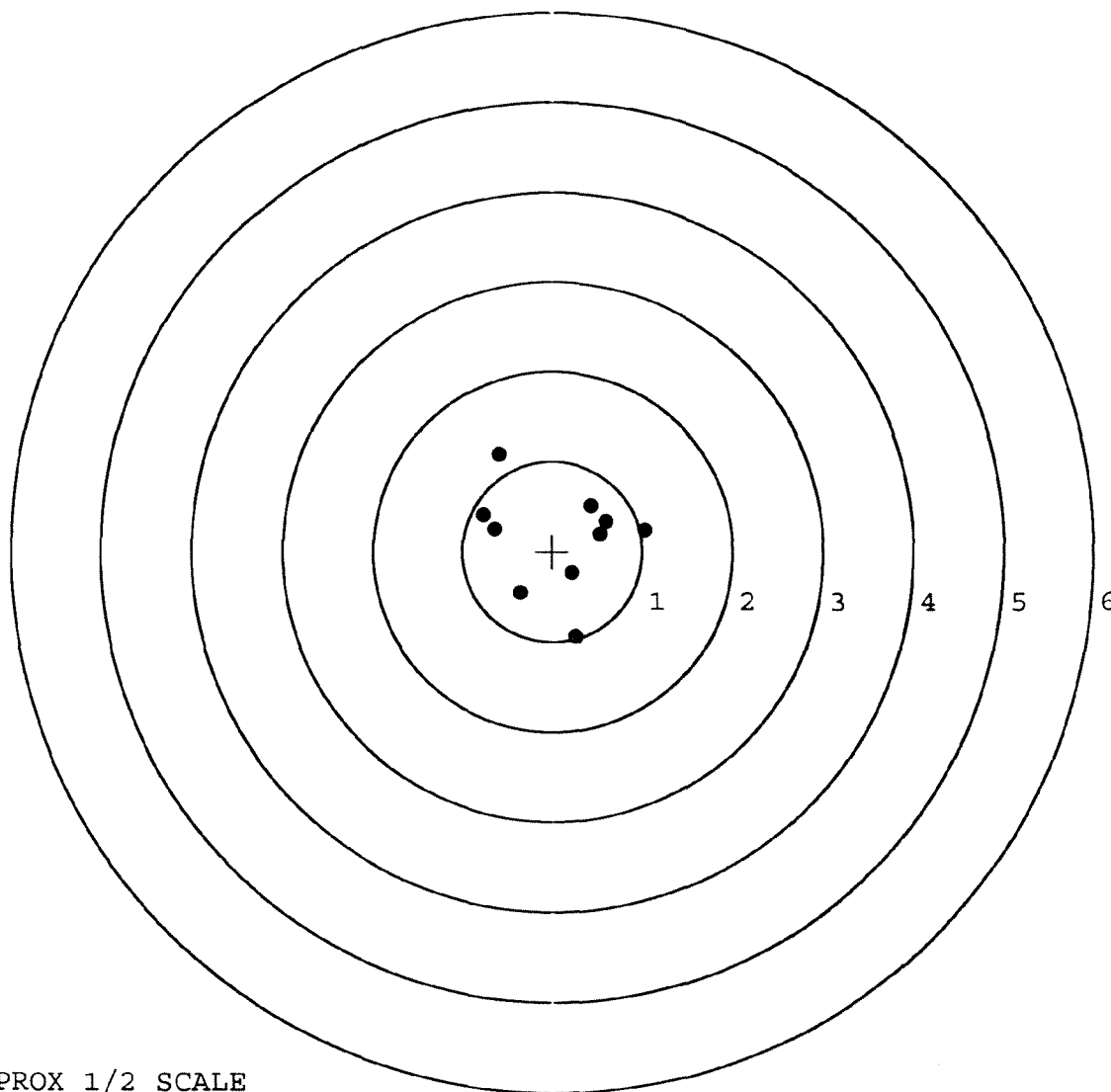
MEAN RADIUS: 0.752

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.591	1.080
2:	-0.768	0.411
3:	-0.645	0.249
4:	-0.358	-0.463
5:	0.266	-0.951
6:	0.224	-0.243
7:	1.027	0.236
8:	0.429	0.512
9:	0.598	0.337
10:	0.531	0.194



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594523.___0

TARGET NUMBER: 4

FILE DATE: 05/28/2008

FILE TIME: 05:32

X CENTROID: -0.043

Y CENTROID: 0.069

POA TO CENTROID: 0.081

HORZ SPREAD: 1.409

VERT SPREAD: 1.035

GROUP SPREAD: 1.420

MIN RADIUS: 0.152

MAX RADIUS: 0.744

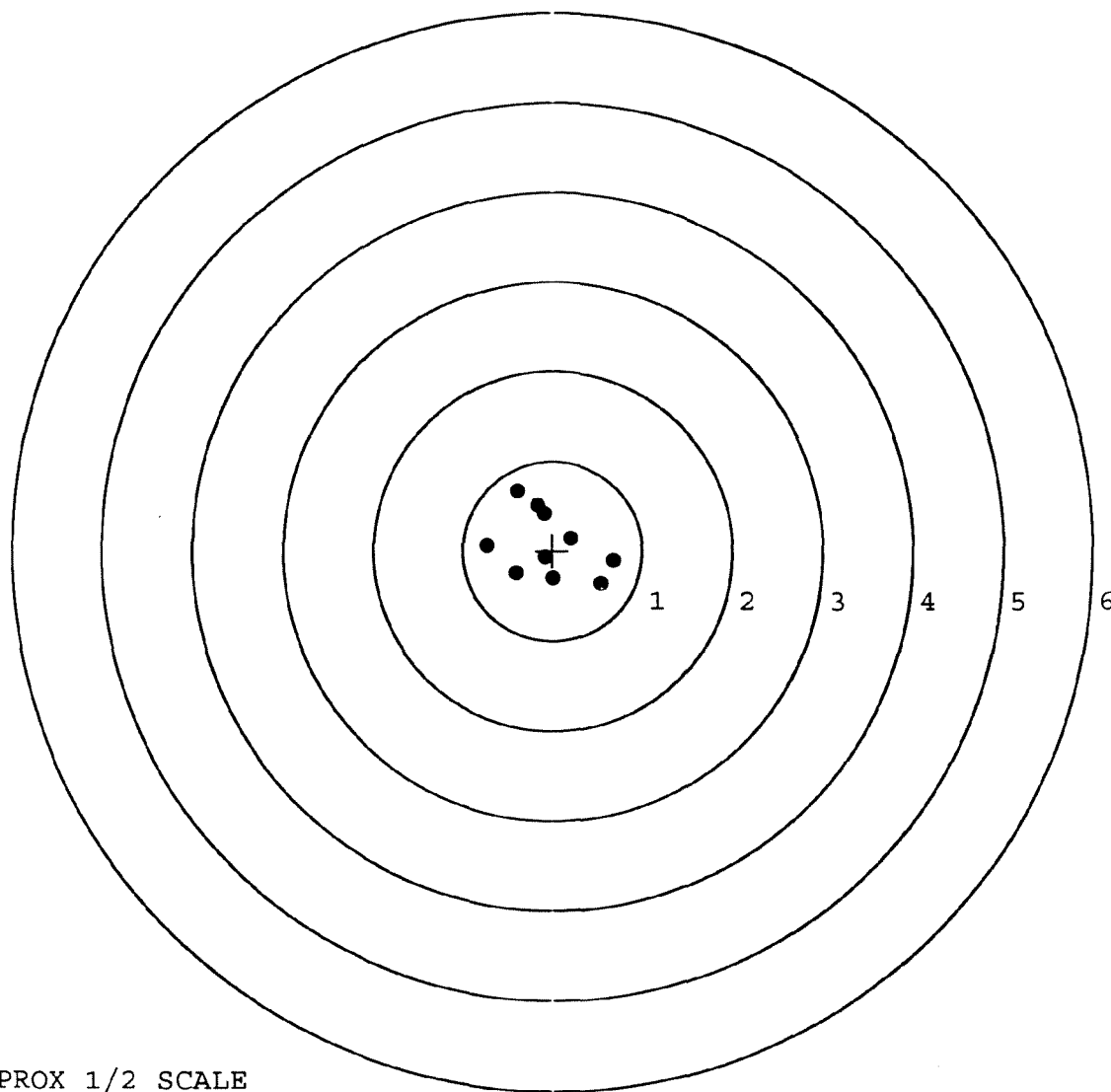
MEAN RADIUS: 0.495

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.680	-0.108
2:	0.546	-0.366
3:	0.010	-0.311
4:	-0.085	-0.077
5:	-0.403	-0.252
6:	0.205	0.139
7:	-0.096	0.420
8:	-0.167	0.513
9:	-0.389	0.669
10:	-0.729	0.065



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594523. __ 0

TARGET NUMBER: 5

FILE DATE: 05/28/2008

FILE TIME: 05:32

X CENTROID: -0.005

Y CENTROID: -0.053

POA TO CENTROID: 0.053

HORZ SPREAD: 1.207

VERT SPREAD: 1.843

GROUP SPREAD: 1.872

MIN RADIUS: 0.071

MAX RADIUS: 1.004

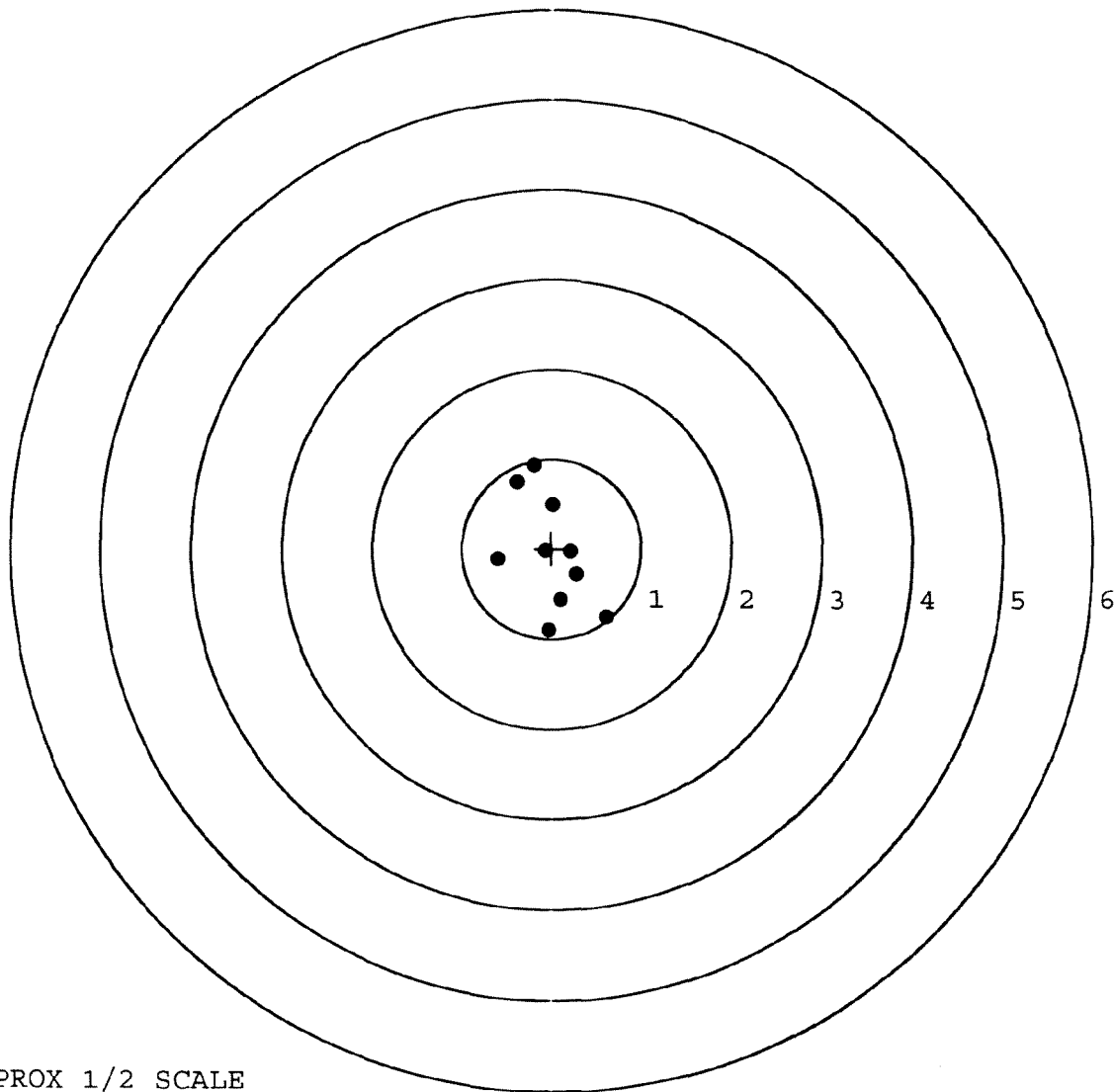
MEAN RADIUS: 0.601

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.611	-0.757
2:	-0.036	-0.910
3:	0.106	-0.569
4:	0.283	-0.290
5:	0.214	-0.037
6:	-0.071	-0.027
7:	-0.596	-0.114
8:	0.018	0.493
9:	-0.381	0.745
10:	-0.194	0.933



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 00144826

SERIAL NUMBER C6594523

LOG-IN DATE 4-24-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-28-08	TRW
505	RE-BARREL		
560	ASSEMBLE	4-30-08	TRW
600	PROOF	4-30-08	TRW
605	CHECK HEADSPACE	4-30-08	TRW
610	DIS-ASSEMBLE GUN	4-30-08	TRW
612	MAGNAFLUX	5-1-08	TRW
510	DRILL AND TAP	5-1-08	TRW
615	ROLLMARK CALIBER	5-1-08	CW
618	ROTO-BLAST	5-1-08	CG
620	APPLY COATINGS	5-1-08	CW
625	FINAL ASSEMBLY	5-27-08	RTZ
640	FUNCTION TEST AND	5-27-08	SD
650	TARGET	5-27-08	SD
	MALFUNCTION 18 clicks left		
	MALFUNCTION		
	MALFUNCTION		
	MALFUNCTION		
670	FINAL INSPECTION	5/28/08	Fm
	A) HEADSPACE	5/28/08	Fm
	B) TRIGGER PULL	2.42 2.37 2.36 2.34 2.35 5-28-08	TRW
680	F) SAFETY ON FORCE	4- 4- 4- 5/28/08	Fm
	G) SAFETY OFF FORCE	3 2.5 2.5 5/28/08	Fm
	I) FIRING PIN INDENT	.020 .020 .020 5/28/08	Fm
690	PACK	5/29/08	Fm

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: **RE00106042** Serial: C6594523 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 1/4/2006 10:24:47 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **CHRIS SHAFFER** **CHRIS SHAFFER**

Address 1: **B CO 210TH BSB** **B CO 210TH BSB**

Address 2: PO Box: PO Box:

City: **FORT DRUM** **FORT DRUM**

State: **NY** Zip Code: **13602** Country: **US** State: **NY** Zip Code: **13602** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

☒ Contact / Condition
 ☐ Problems
 ☐ Estimate
 ☐ History / Status
 ☐ Shipping / Billing

Contact Information:

Phone: **315.772.7286**

Fax:

Email:

Comments: **REM FILE #004302**

Received Condition:

Fair

Condition Notes:

CSR Notes:

Accessories Received:

Code	Desc.	Qty
A007	With Stud	2
A008	With Swivel	1
A009	Soft Case	1
A017	Scope Base	1
A042	Adjustable Butt Pad	1
A057	Fit and Rear Sgt Base	1

naglet 1/4/2006 12:47 PM CARS NUM INS SCPL

start 3 3

Serial Number: **C6594523**

Model: **M24 SWS**



RE00106042

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594523.__0
FILE DATE AND TIME: 01/17/2006 11:44

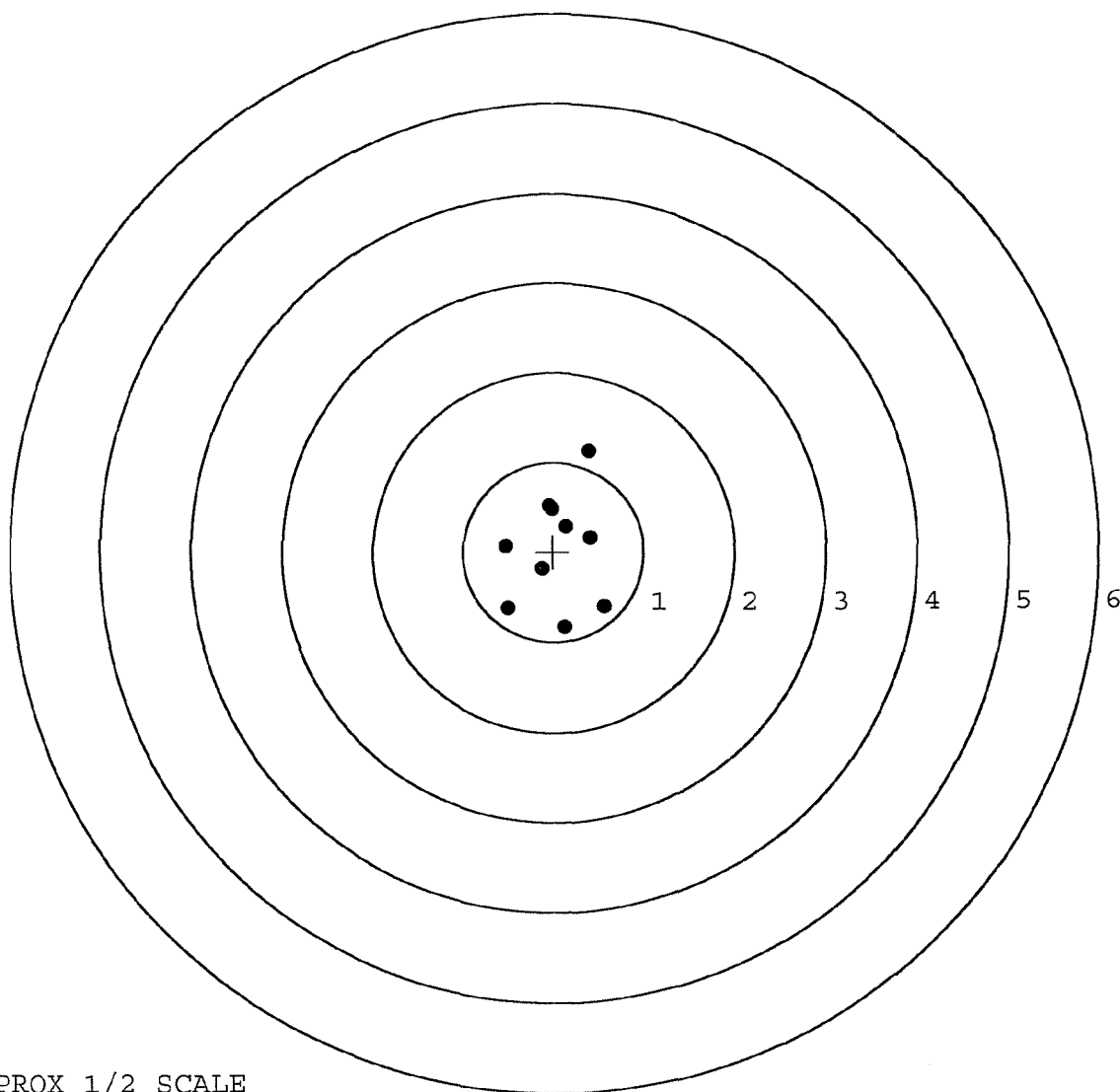
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.094
The Average Y Centroid of the Five Target Set:	-0.088
The Average Point of Impact of the Five Target Set:	0.129
The Average Mean Radius of the Five Target Set:	0.765
The Distance from POA to Centroid Target #1:	0.057
The Distance from Centroid Target #2 to Centroid Target #1:	0.144
The Distance from Centroid Target #3 to Centroid Target #1:	0.350
The Distance from Centroid Target #4 to Centroid Target #1:	0.281
The Distance from Centroid Target #5 to Centroid Target #1:	0.032

SERIAL NUMBER: C6594523. 0
TARGET NUMBER: 1
FILE DATE: 01/17/2006
FILE TIME: 11:44

X CENTROID: 0.043
Y CENTROID: 0.037
POA TO CENTROID: 0.057
HORZ SPREAD: 1.089
VERT SPREAD: 1.975
GROUP SPREAD: 1.993
MIN RADIUS: 0.267
MAX RADIUS: 1.149
MEAN RADIUS: 0.617
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.565	-0.610
2:	0.131	-0.846
3:	-0.503	-0.628
4:	-0.126	-0.192
5:	-0.524	0.067
6:	0.411	0.166
7:	0.145	0.283
8:	-0.049	0.515
9:	0.400	1.129
10:	-0.018	0.482

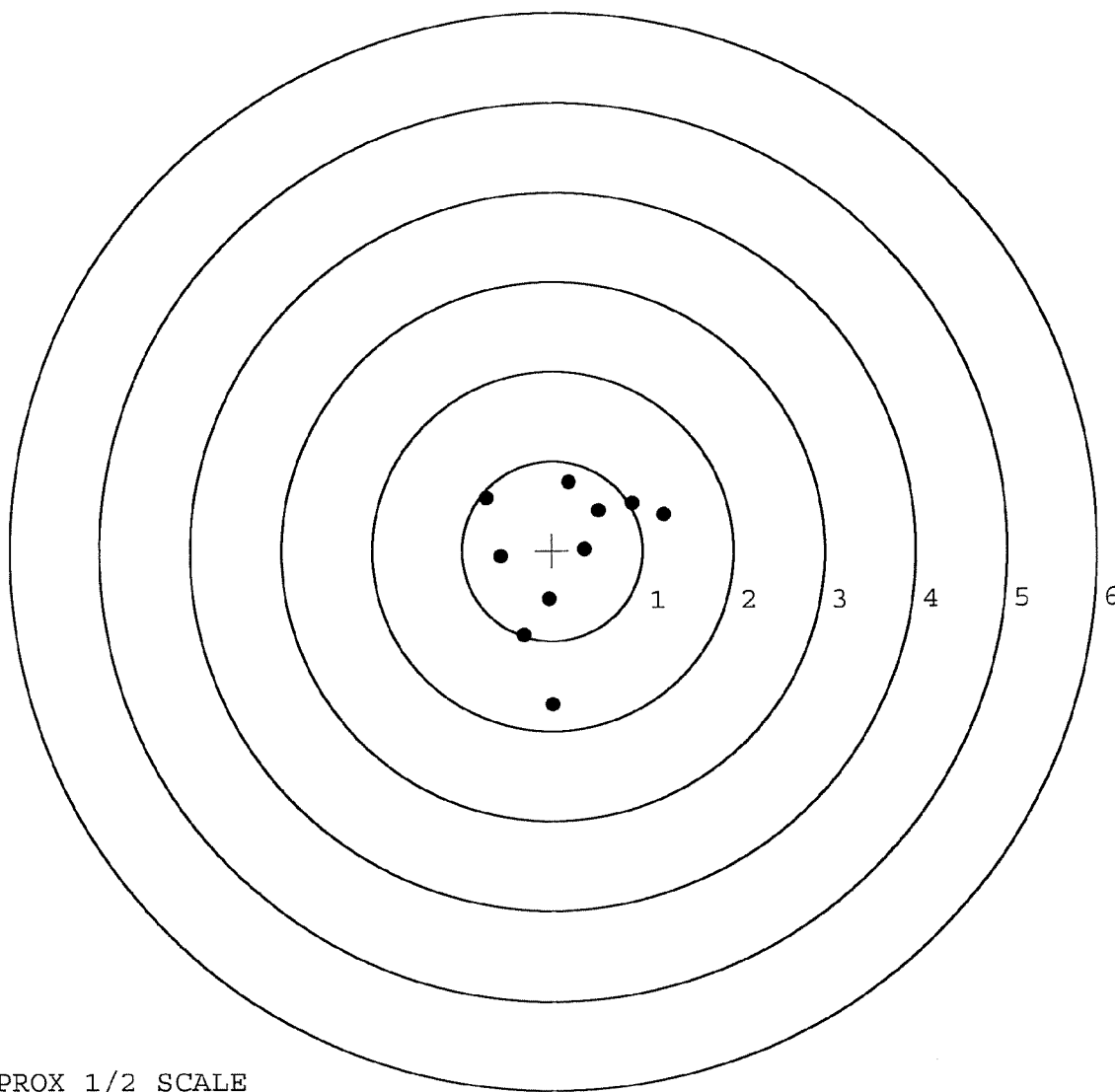


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594523. __0
TARGET NUMBER: 2
FILE DATE: 01/17/2006
FILE TIME: 11:44

X CENTROID: 0.154
Y CENTROID: -0.055
POA TO CENTROID: 0.164
HORZ SPREAD: 1.966
VERT SPREAD: 2.479
GROUP SPREAD: 2.486
MIN RADIUS: 0.219
MAX RADIUS: 1.670
MEAN RADIUS: 0.878
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.006	-1.719
2:	-0.319	-0.942
3:	-0.037	-0.544
4:	-0.573	-0.073
5:	-0.730	0.592
6:	1.236	0.396
7:	0.890	0.523
8:	0.516	0.442
9:	0.362	0.013
10:	0.190	0.760

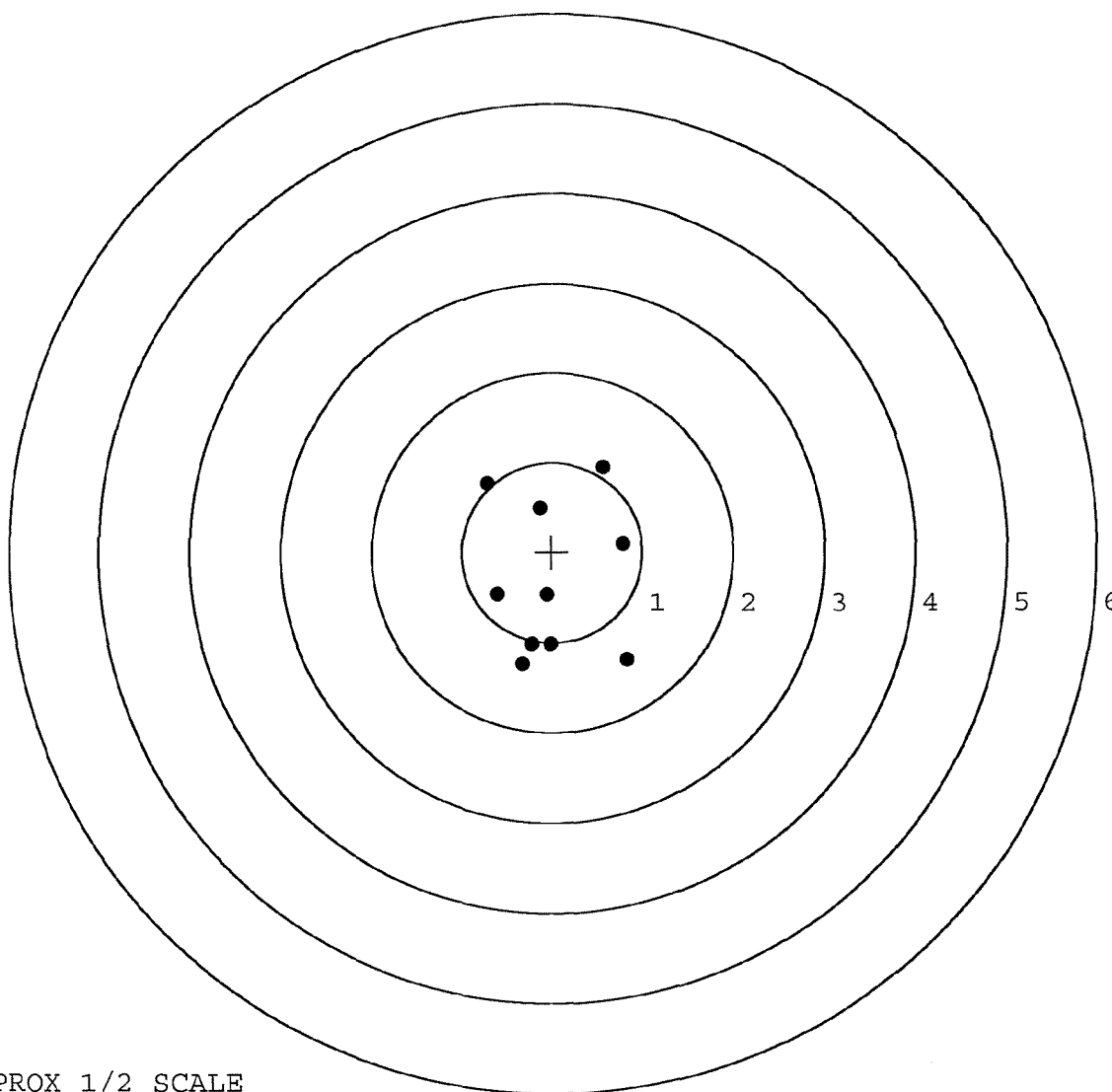


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594523. 0
TARGET NUMBER: 3
FILE DATE: 01/17/2006
FILE TIME: 11:44

X CENTROID: 0.012
Y CENTROID: -0.312
POA TO CENTROID: 0.312
HORZ SPREAD: 1.553
VERT SPREAD: 2.193
GROUP SPREAD: 2.367
MIN RADIUS: 0.179
MAX RADIUS: 1.379
MEAN RADIUS: 0.884
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.835	-1.188
2:	0.791	0.094
3:	0.569	0.949
4:	-0.139	0.489
5:	-0.718	0.772
6:	-0.055	-0.478
7:	-0.604	-0.472
8:	-0.020	-1.022
9:	-0.221	-1.022
10:	-0.323	-1.244



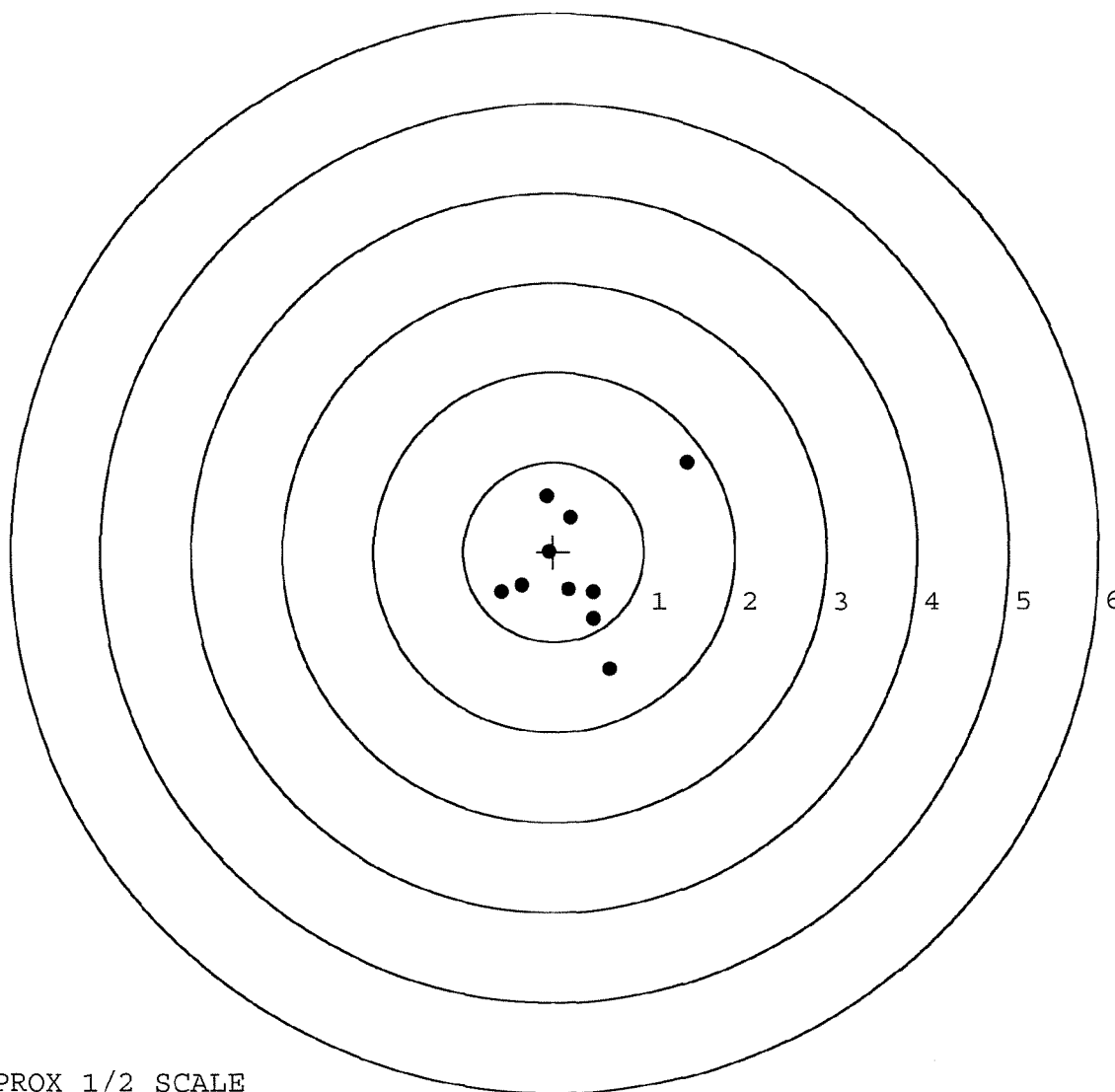
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594523. __0
TARGET NUMBER: 4
FILE DATE: 01/17/2006
FILE TIME: 11:44

X CENTROID: 0.229
Y CENTROID: -0.174
POA TO CENTROID: 0.288
HORZ SPREAD: 2.051
VERT SPREAD: 2.305
GROUP SPREAD: 2.511
MIN RADIUS: 0.255
MAX RADIUS: 1.711
MEAN RADIUS: 0.733

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.474	1.000
2:	0.622	-1.305
3:	0.445	-0.744
4:	0.442	-0.452
5:	0.173	-0.423
6:	-0.349	-0.378
7:	-0.577	-0.448
8:	-0.049	0.002
9:	0.192	0.381
10:	-0.080	0.622

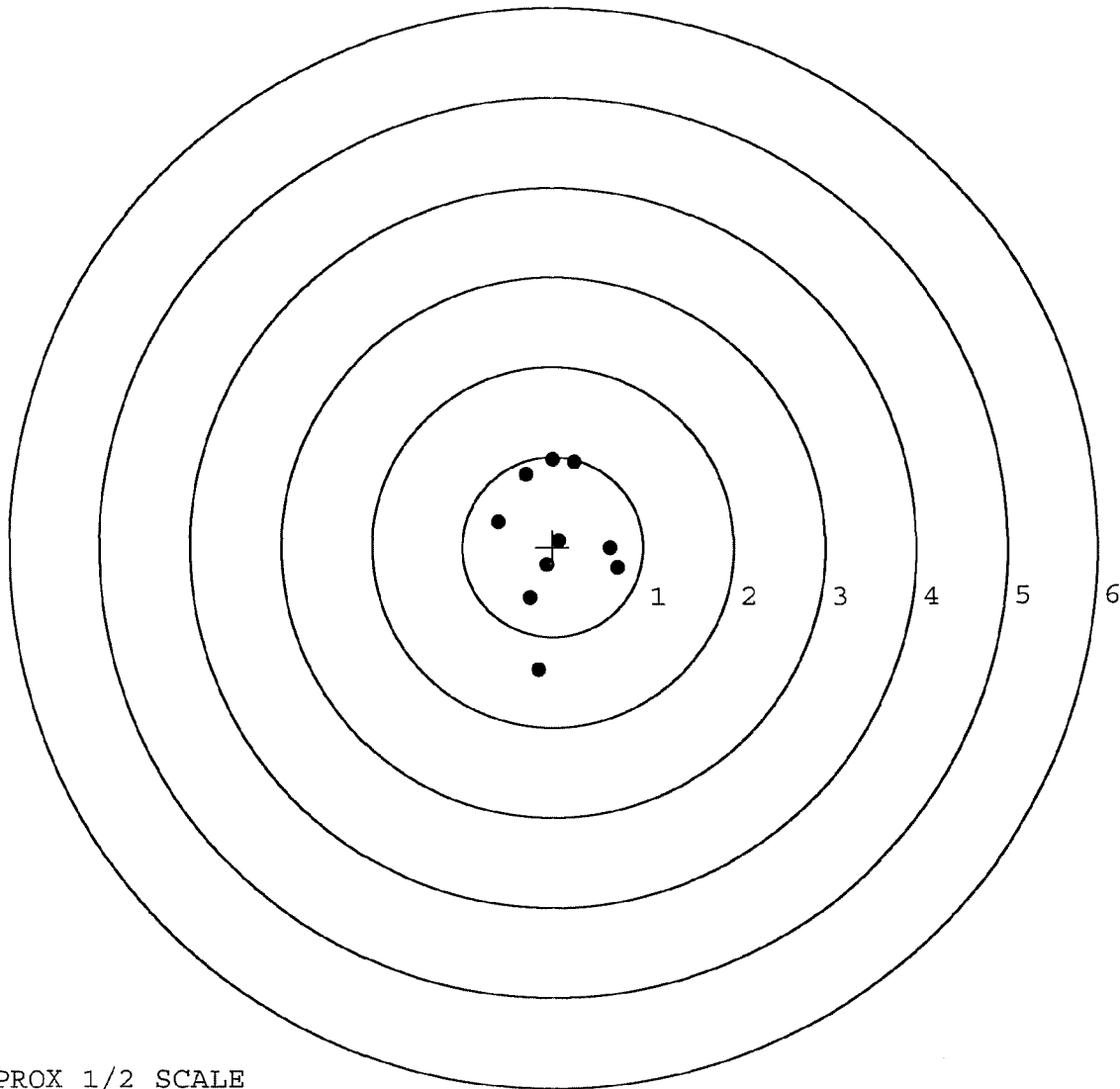


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594523. __0
TARGET NUMBER: 5
FILE DATE: 01/17/2006
FILE TIME: 11:44

X CENTROID: 0.031
Y CENTROID: 0.066
POA TO CENTROID: 0.073
HORZ SPREAD: 1.317
VERT SPREAD: 2.349
GROUP SPREAD: 2.354
MIN RADIUS: 0.040
MAX RADIUS: 1.454
MEAN RADIUS: 0.712
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.720	-0.239
2:	-0.159	-1.376
3:	0.637	-0.017
4:	0.070	0.071
5:	-0.068	-0.205
6:	-0.247	-0.570
7:	-0.597	0.279
8:	-0.292	0.803
9:	-0.002	0.973
10:	0.246	0.941



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	106042		
SERIAL NUMBER	C6594523		
LOG-IN DATE	1-4-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-5-06	RJC
505	RE-BARREL	1-6-06	RJC
560	ASSEMBLE	1-6-06	RJC
600	PROOF	MAGNA-FLUX INSPECTED JAN 10 2006	BG
605	CHECK HEADSPACE	1-6-06	AC
610	DIS-ASSEMBLE GUN	1-6-06	AC
612	MAGNAFLUX	OPERATOR <u>unint</u>	1/10/06 <u>unint</u>
510	DRILL AND TAP	1-10-06	TRW
615	ROLLMARK CALIBER	1-10-06	CW
618	ROTO-BLAST	1-10-06	CB
620	APPLY COATINGS	1/11/06	HP
625	FINAL ASSEMBLY	1-13-06	BG
640	FUNCTION TEST AND	PASS FAIL	1-17-06 TRW
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	1-17-06	TRW
	A) HEADSPACE	PASS FAIL	1-23-06 <u>AC</u>
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>N/A</u>
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	4 lbs 4 lbs 4 lbs <u>AC</u>
	G) SAFETY OFF FORCE	2 LBS	3 lbs 3 lbs 3 lbs <u>AC</u>
	I) FIRING PIN INDENT	.020	
690	PACK		1-24-06 <u>HP</u>

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM M24

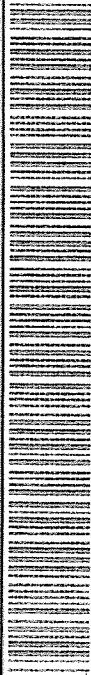
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO. C6594523

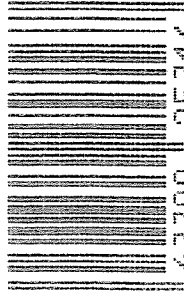
ORDER NO. 5716

20



5716 C6594523

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594523

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228	90	RW
600	Proof	1228	90	RW
607	Check Headspace	1228	90	RW
610	Dis-assemble Gun	1228	90	RW
612	Magnaflux Barrel Action		1-7-91	KA
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GS
617	Drill and Tap Sight Holes	1	10 91	FB
618	Polish Barrel	1	10 91	WB
620	Apply Coatings (Barrel Action)		1-18-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/91	RW
	C) Inspect Ejector Hole for Chamfer		1/19/91	RW
	D) Oil Firing Pin Ass'y		1/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-22-91	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			1/22/91	WB
	G) Safety Off Force	2	2	2			1/22/91	WB
	H) Trigger Pull Test & Retainability						1-22-91	81
	I) Firing Pin Indent	.0205	.020	.020			1/22/91	WB
	J) Assemble Stock						1/24/91	RW
	K) Assemble Swivel Studs						2-6-91	DH
	L) Attach Front and Rear Sight Assemblies						1/24/91	RW
	M) Iron Sight Alignment						1/24/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/24/91	RW
	O) Attach Scope to Rifle						1/24/91	RW
	P) Detach & Attach Scope 20 Times						1/24/91	RW
640	Gallery Target & Test						1/24/91	KJ
	A) Time						"	KJ
	B) Malfunctions						"	KJ
	C) Pierced Primers						"	KJ
	D) Optical Clarity of Scope						"	KJ
645	Inspect for Live Ammo						1/24/91	KJ
655	Final Inspection							
	A) Headspace						2-6-91	DH
	B) Trigger Pull	2.48	2.36	2.38	2.37	2.35	2-1-91	81
	C) Function						2-6-91	DH
660	Pack						3-19-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594523

DATE 1-22-91

TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.39	2.30	2.48	MIN. SETTING, NO AVG. OF 5" READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.37	2.38	2.36	
PULL #3	2.38	2.45	2.41	2.38	
PULL #4	2.45	2.34	2.36	2.37	
PULL #5	2.45	2.39	2.38	2.35	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.40		
PULL #2	3.38	3.48		
PULL #3	3.40	3.39		
PULL #4	3.34	3.50		
PULL #5	3.47	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.13		4.35
PULL #2	4.26	4.28		4.33
PULL #3	4.27	4.15		4.33
PULL #4	4.22	4.30		4.35
PULL #5	4.30	4.38		4.30
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594523
25 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.207183
1 TO	2	.294009
1 TO	3	.146113
1 TO	4	.281299
1 TO	5	.410951

42
50

<----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0774
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0396
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .086942
THE AMR FOR THIS RIFLE IS: .9692

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594523

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR . . .

1in = 3

2in = 5

3in = 8

HS= 2.351

VS= 2.306

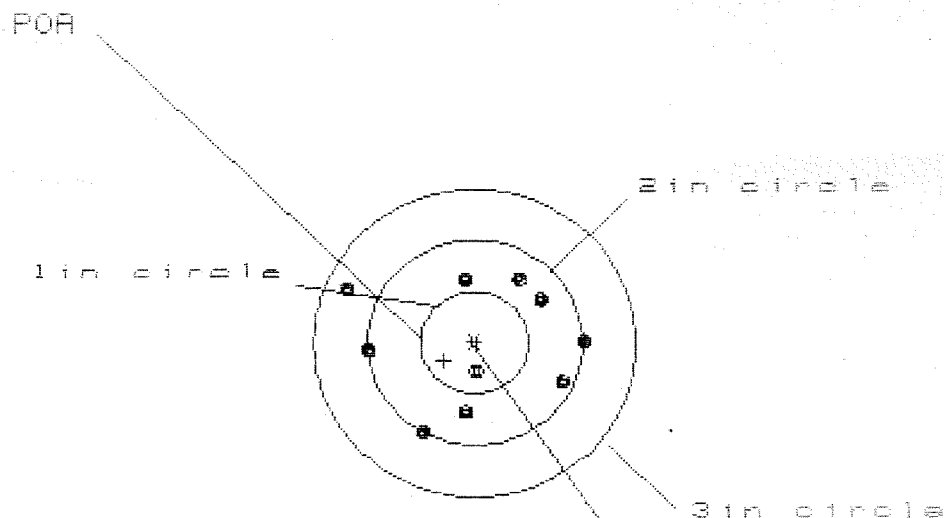
GS= 2.642

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.931	.457	.293
MINIMUM X	-1.420	-1.317	-.836
MAXIMUM Y	1.041	.901	.876
MINIMUM Y	-1.265	-1.144	-1.169
CENTROID X	.182	.079	.243
CENTROID Y	-.099	.041	.066
POA TO CENTROID in.	.207	.089	.252
MIN RADIUS	.355	.269	.274
MEAN RADIUS	.880	.803	.705
MAX RADIUS	1.570	1.332	1.174
HORIZONTAL SPREAD	2.351	1.774	1.129
VERTICAL SPREAD	2.306	2.045	2.045
EXTREME SPREAD	2.642	2.074	2.074
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8534523

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 10

HS = 2.2000

VS = 1.517

GS = 2.265

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	1.017	.885	.758
MINIMUM X	:	-1.183	-1.125	-1.014
MAXIMUM Y	:	.634	.695	.704
MINIMUM Y	:	-.893	-.822	-.813
CENTROID X	:	.286	.418	.307
CENTROID Y	:	.176	.115	.106
POA TO CENTROID in.	:	.336	.433	.325
MIN RADIUS	:	.266	.253	.199
MEAN RADIUS	:	.831	.762	.741
MAX RADIUS	:	1.304	1.125	1.014
HORIZONTAL SPREAD	:	2.200	2.010	1.772
VERTICAL SPREAD	:	1.517	1.517	1.517
EXTREME SPREAD	:	2.265	2.012	1.791
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594523

CENTERFIRE PATTERNS # 3

POA

1in circle

.2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.768

VS= 3.916

GS= 3.948

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.716

.754

.596

MINIMUM X

-1.052

-1.014

-.928

MAXIMUM Y

1.289

.997

1.117

MINIMUM Y

-2.627

-1.131

-1.011

CENTROID X

.039

.001

-.093

CENTROID Y

-.129

.163

.043

POA TO CENTROID in.

.135

.163

.102

MIN RADIUS

.186

.171

.212

MEAN RADIUS

1.070

.876

.818

MAX RADIUS

2.649

1.233

1.169

HORIZONTAL SPREAD

1.768

1.768

1.516

VERTICAL SPREAD

3.916

2.128

2.128

EXTREME SPREAD

3.948

2.221

2.221

NUMBER IN ONE INCH CIRCLE =

2

NUMBER IN TWO INCH CIRCLE =

5

NUMBER IN THREE INCH CIRCLE =

9

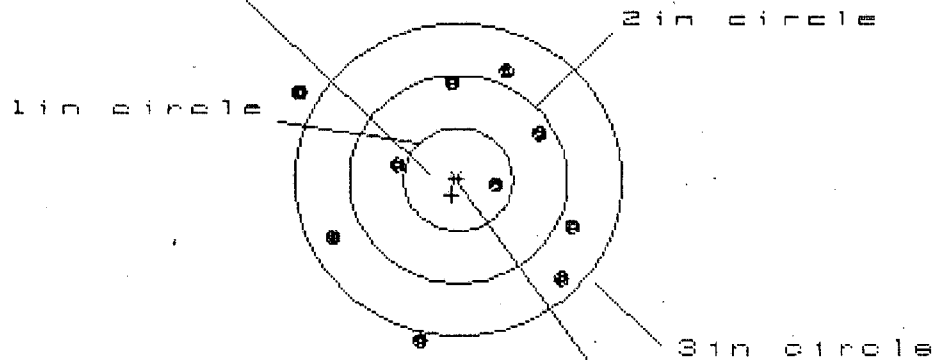
25 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594523

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 8

IS= 2.500

VS= 2.615

GS= 3.061

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.042	.879	.812
MINIMUM X	-1.467	-1.350	-1.417
MAXIMUM Y	1.055	1.153	.970
MINIMUM Y	-1.560	-1.462	-1.045
CENTROID X	.057	.220	.287
CENTROID Y	.153	.055	.238
POA TO CENTROID in.	.163	.226	.373
MIN RADIUS	.377	.216	.196
MEAN RADIUS	1.115	1.027	.927
MAX RADIUS	1.711	1.558	1.555
HORIZONTAL SPREAD	2.509	2.229	2.229
VERTICAL SPREAD	2.615	2.615	2.015
EXTREME SPREAD	3.061	2.747	2.309
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

25 Jan 1981

FILE:/PATTERNING/CENTERFIRE_PATT/C6594523

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 3.795

VS= 2.277

GS= 3.956

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.301
MINIMUM X	-2.494
MAXIMUM Y	.894
MINIMUM Y	-1.383
CENTROID X	-.177
CENTROID Y	-.299
POA TO CENTROID in.	.347
MIN RADIUS	.216
MEAN RADIUS	.950
MAX RADIUS	2.553
HORIZONTAL SPREAD	3.795
VERTICAL SPREAD	2.277
EXTREME SPREAD	3.956
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	9