

CE348923

MODEL 760™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



naqletj	1/26/2009	11:32 AM	CAPS	NUM	INS	SCRL
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RE001 5865 1

R & E NUMBER

158651

SERIAL NUMBER

C6348923

LOG-IN DATE

1-13-09

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-28-09	RT
505	RE-BARREL	1-29-09	RT
560	ASSEMBLE	1-29-09	RT
600	PROOF	1-29-09	RT
605	CHECK HEADSPACE	1-29-09	RT
610	DIS-ASSEMBLE GUN	1-29-09	RT
612	MAGNAFLUX	2/2/09	(R)
510	DRILL AND TAP	1-30-09	SP
615	ROLLMARK CALIBER	2/3/09	RT
618	ROTO-BLAST	2/3/09	RT
620	APPLY COATINGS	2-5-09	RT
625	FINAL ASSEMBLY	2-6-09	RT
640	FUNCTION TEST AND	2-6-09	RT
650	TARGET	2-6-09	RT
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-9-09	RT
	A) HEADSPACE	PASS FAIL	RT
	B) TRIGGER PULL	2.31 2.31 2.36 2.39 2.39	2-9-09 RT
680	F) SAFETY ON FORCE	40 40 30	2-9-09 RT
	G) SAFETY OFF FORCE	40 40 40	2-9-09 RT
	I) FIRING PIN INDENT	.021 .021 .021	2-9-09 RT
690	PACK	2/10/09	Fm

BARBER - M24 0041897

APD

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348923.___0
FILE DATE AND TIME: 02/09/2009 05:50

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.096
The Average Y Centroid of the Five Target Set:	-0.031
The Average Point of Impact of the Five Target Set:	0.100
The Average Mean Radius of the Five Target Set:	1.049
The Distance from POA to Centroid Target #1:	0.189
The Distance from Centroid Target #2 to Centroid Target #1:	0.164
The Distance from Centroid Target #3 to Centroid Target #1:	0.465
The Distance from Centroid Target #4 to Centroid Target #1:	0.204
The Distance from Centroid Target #5 to Centroid Target #1:	0.417

BARBER - M24 0041700

SERIAL NUMBER: C6348923. __0

TARGET NUMBER: 1

FILE DATE: 02/09/2009

FILE TIME: 05:50

POINT#	X	Y
1:	-2.463	1.592
2:	0.214	1.361
3:	2.199	0.728
4:	0.926	0.873
5:	0.103	0.373
6:	0.445	-0.264
7:	0.453	-0.914
8:	-0.246	-0.458
9:	-0.267	-0.676
10:	-1.337	-0.729

X CENTROID: 0.003

Y CENTROID: 0.189

POA TO CENTROID: 0.189

HORZ SPREAD: 4.662

VERT SPREAD: 2.506

GROUP SPREAD: 4.741

MIN RADIUS: 0.210

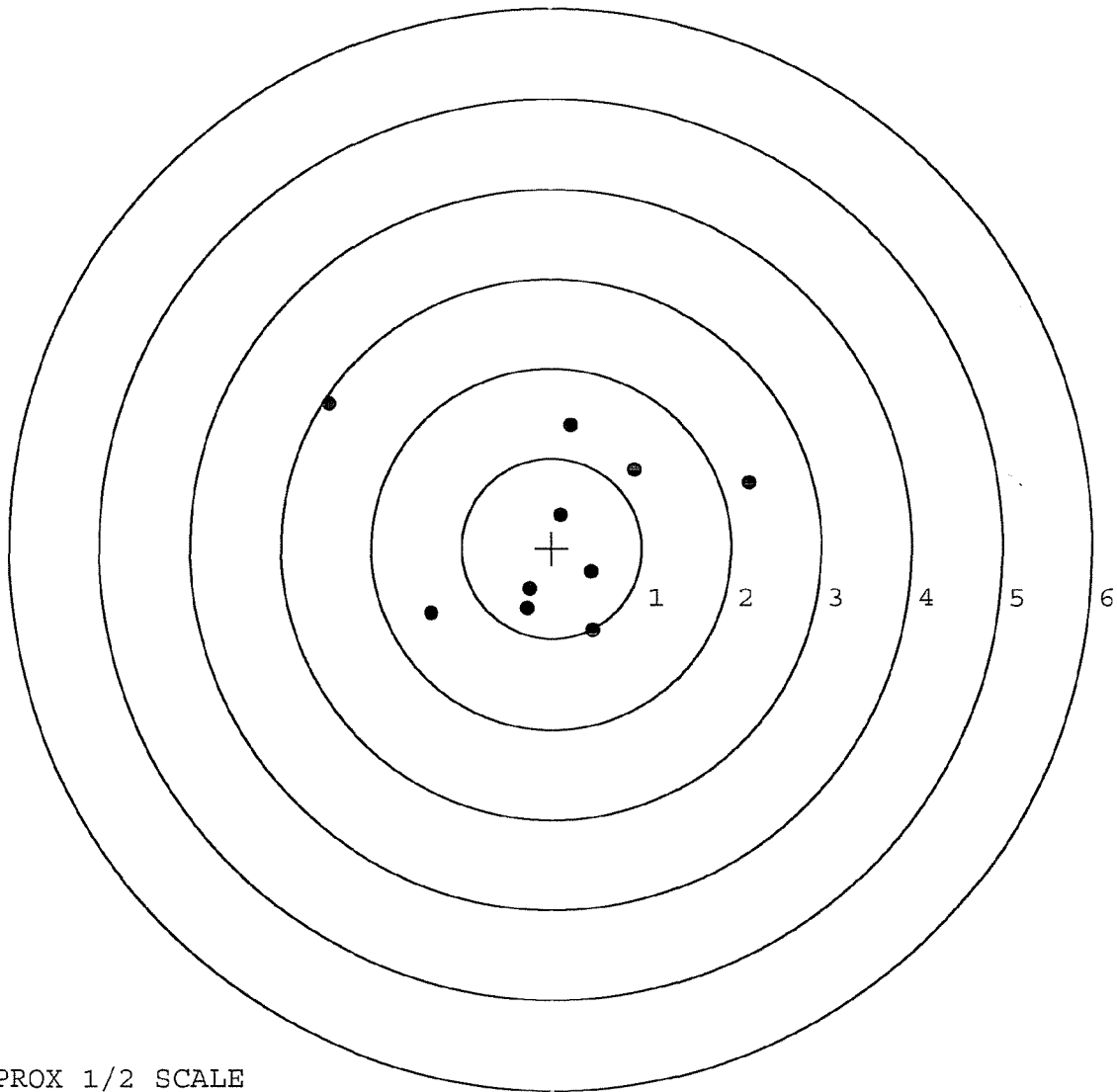
MAX RADIUS: 2.837

MEAN RADIUS: 1.270

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0041701

SERIAL NUMBER: C6348923. __0

TARGET NUMBER: 2

FILE DATE: 02/09/2009

FILE TIME: 05:50

POINT#	X	Y
1:	-1.120	1.440
2:	-1.028	0.348
3:	-0.346	0.606
4:	0.408	0.430
5:	0.367	-0.087
6:	0.103	-0.060
7:	0.212	-0.612
8:	0.160	-0.363
9:	-0.242	-0.289
10:	2.008	-1.086

X CENTROID: 0.052

Y CENTROID: 0.033

POA TO CENTROID: 0.062

HORZ SPREAD: 3.128

VERT SPREAD: 2.526

GROUP SPREAD: 4.021

MIN RADIUS: 0.106

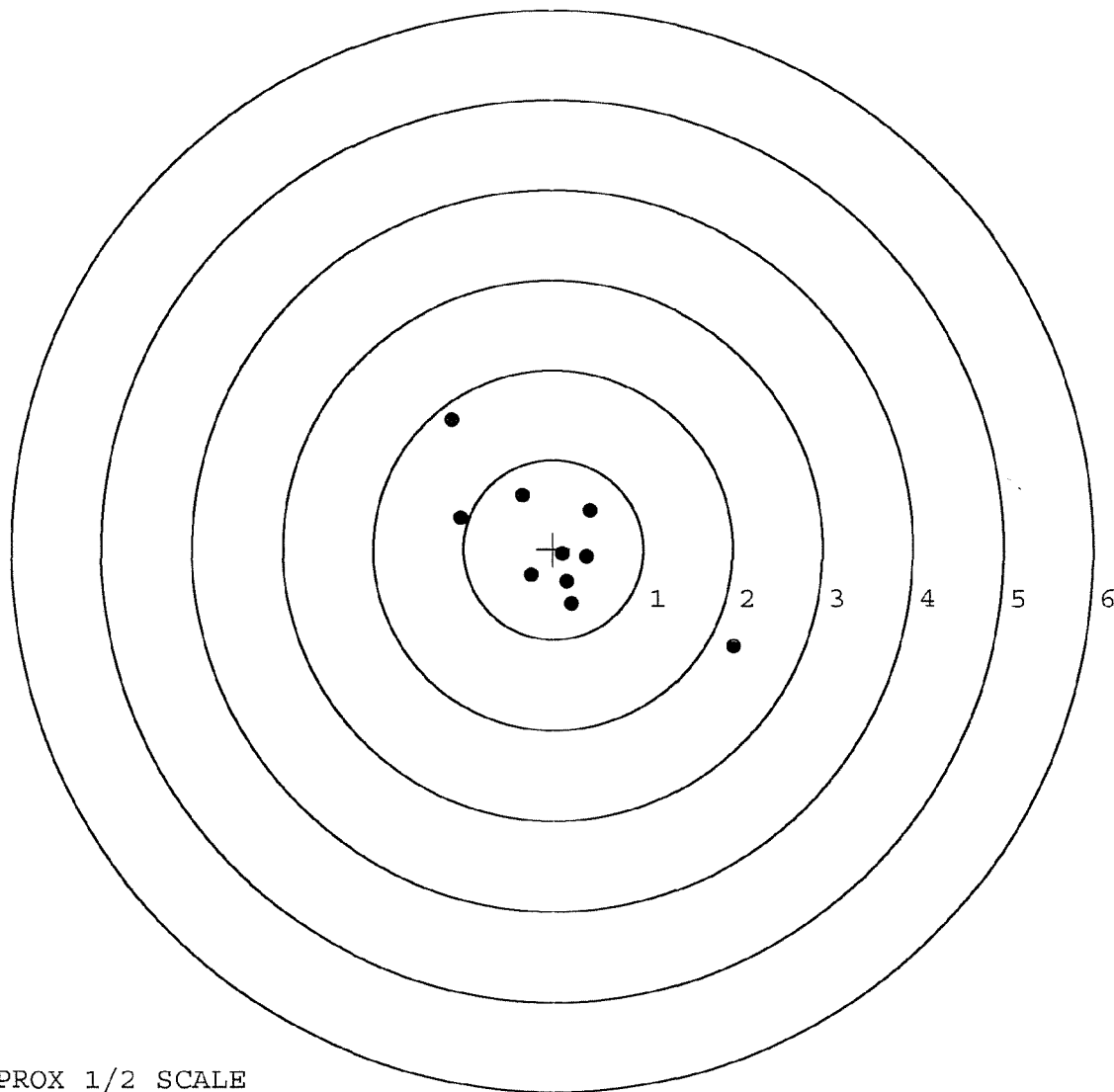
MAX RADIUS: 2.253

MEAN RADIUS: 0.839

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0041702

SERIAL NUMBER: C6348923. 0

TARGET NUMBER: 3

FILE DATE: 02/09/2009

FILE TIME: 05:50

X CENTROID: -0.221

Y CENTROID: -0.219

POA TO CENTROID: 0.311

HORZ SPREAD: 1.957

VERT SPREAD: 4.280

GROUP SPREAD: 4.281

MIN RADIUS: 0.339

MAX RADIUS: 2.180

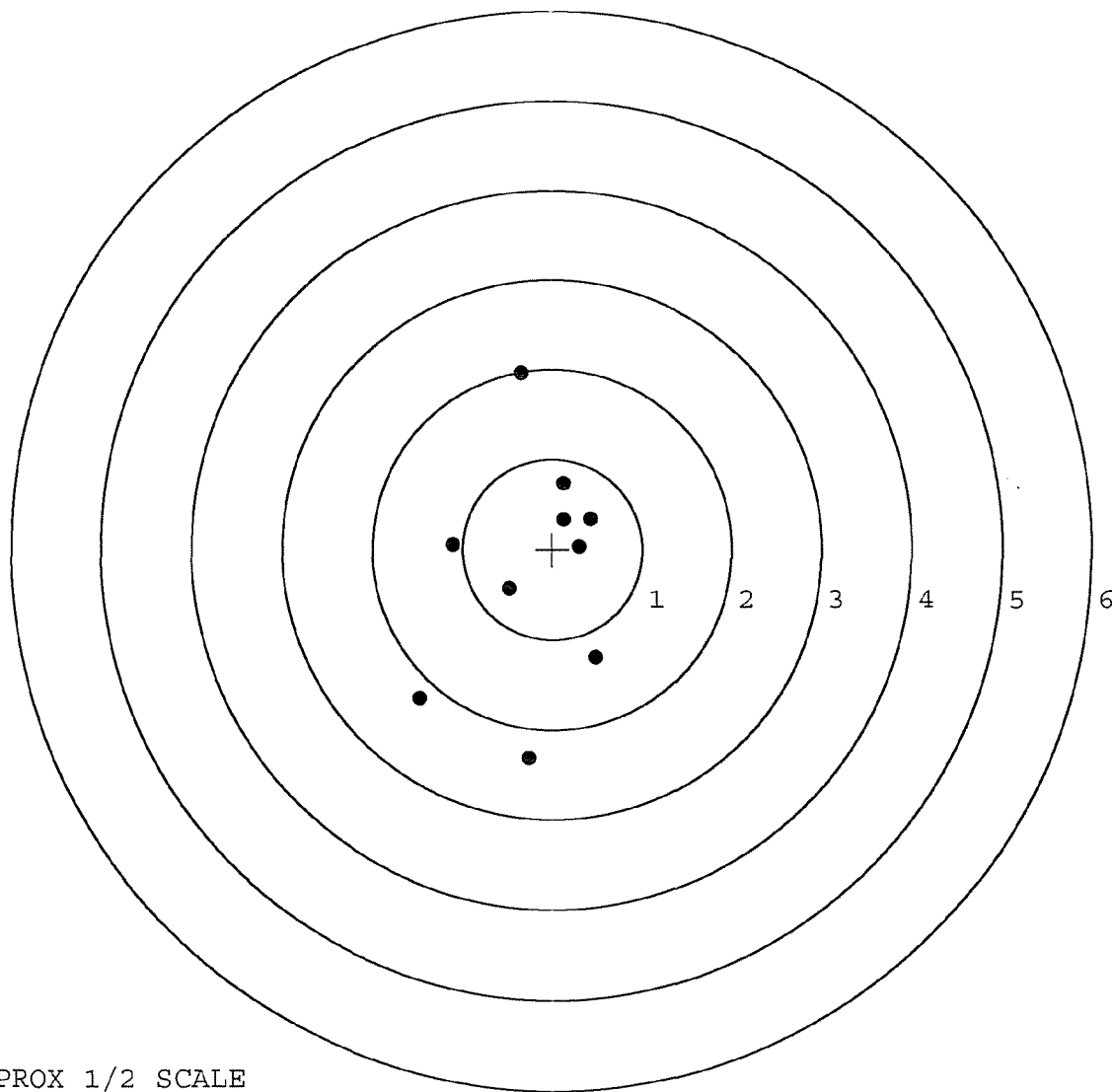
MEAN RADIUS: 1.175

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7

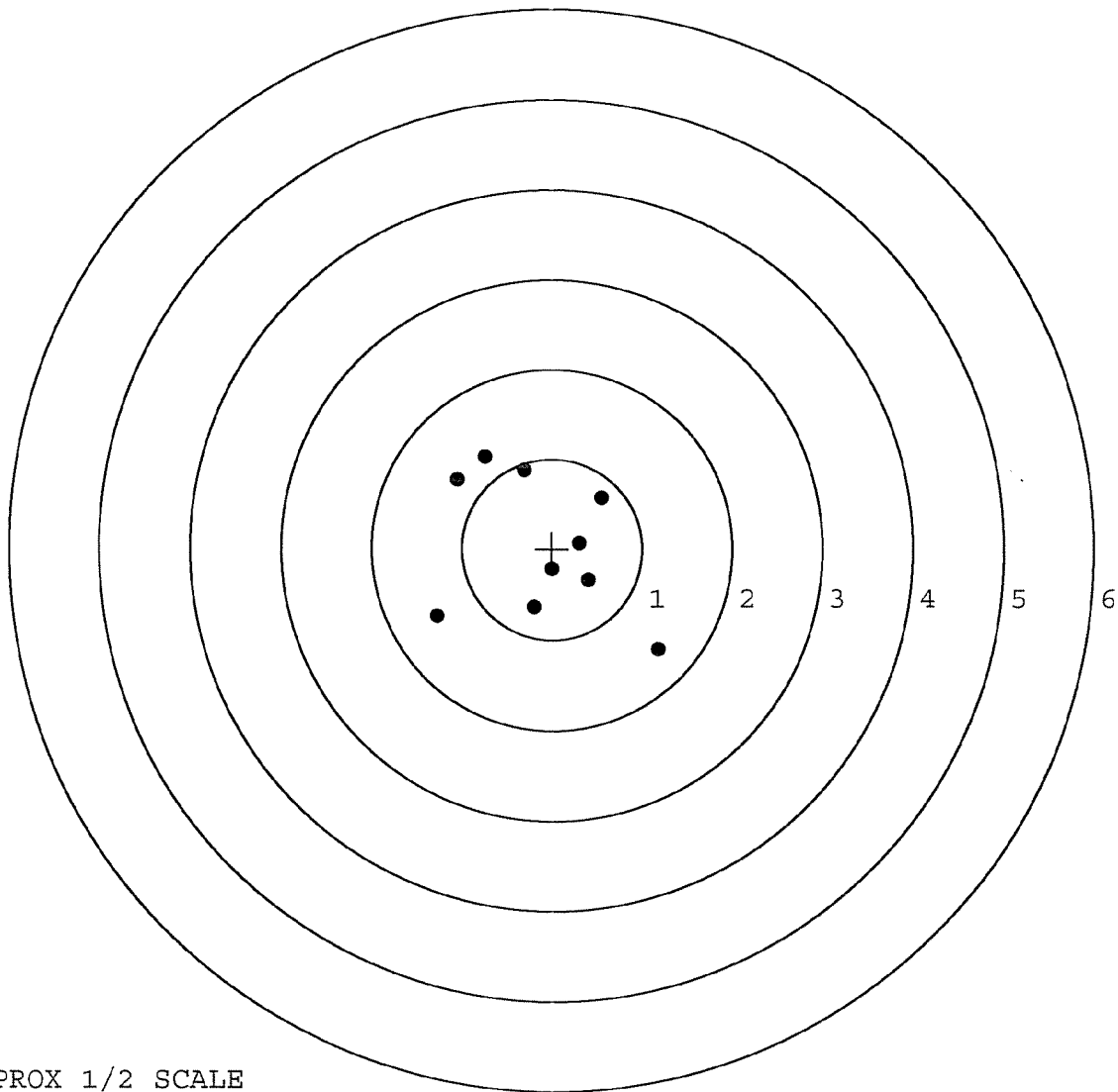
POINT#	X	Y
1:	0.127	0.733
2:	0.130	0.328
3:	0.425	0.334
4:	0.296	0.027
5:	0.483	-1.204
6:	-0.480	-0.437
7:	-1.107	0.053
8:	-0.266	-2.322
9:	-1.474	-1.657
10:	-0.345	1.958



TARGET APPROX 1/2 SCALE

BARBER - M24 0041703

SERIAL NUMBER: C6348923. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	-1.052	0.770
FILE DATE: 02/09/2009	2:	-0.744	1.026
FILE TIME: 05:50	3:	-0.312	0.874
	4:	-1.279	-0.747
X CENTROID: -0.115	5:	0.552	0.573
Y CENTROID: 0.022	6:	1.177	-1.110
POA TO CENTROID: 0.117	7:	-0.205	-0.651
HORZ SPREAD: 2.456	8:	0.402	-0.350
VERT SPREAD: 2.136	9:	0.004	-0.230
GROUP SPREAD: 2.916	10:	0.306	0.062
MIN RADIUS: 0.278			
MAX RADIUS: 1.718			
MEAN RADIUS: 0.925			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0041704

SERIAL NUMBER: C6348923. __0

TARGET NUMBER: 5

FILE DATE: 02/09/2009

FILE TIME: 05:50

POINT#	X	Y
1:	-2.382	-0.277
2:	-1.379	-1.364
3:	1.691	-0.366
4:	-0.381	0.800
5:	-0.297	0.448
6:	-0.735	-0.326
7:	0.490	0.094
8:	0.613	-0.266
9:	0.375	-0.408
10:	0.036	-0.114

X CENTROID: -0.197

Y CENTROID: -0.178

POA TO CENTROID: 0.265

HORZ SPREAD: 4.073

VERT SPREAD: 2.164

GROUP SPREAD: 4.074

MIN RADIUS: 0.242

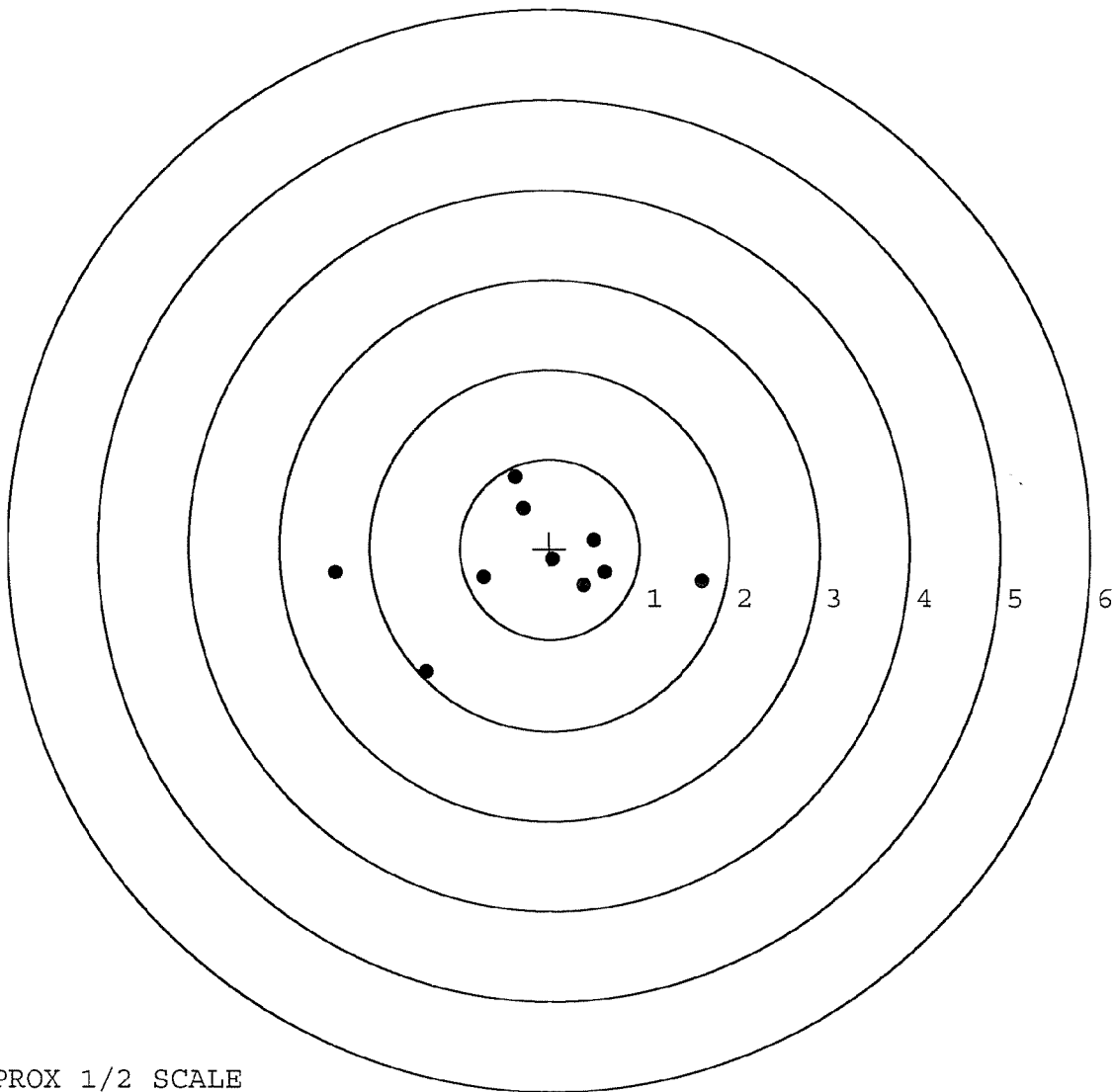
MAX RADIUS: 2.187

MEAN RADIUS: 1.036

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00111021**

Serial: C6348923 Model: 700 Center Fire Caliber: 7.62 NATO M/24 (SWS)

Repairman:

Verify Repair:

High Priority

Status:

Closed 4/12/2006 11:28:19 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: **HHC 1ST BN <ABN> 508TH IN**

HHC 1ST BN <ABN> 508TH IN

Address 1: **UNIT 31401 BOX 53**

UNIT 31401 BOX 53

Address 2: PO Box:

PO Box:

City: **APD**

APD

State: **CT** Zip Code: **09630**

Country: **US**

State: **CT** Zip Code: **09630**

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
A045	Bi Pod	1
A055	Deployment Kit	1
A057	Fit and Rear Sgt Base	1
C000	SCOPE CASE	1

Repair Search

Refresh

Close

maglet

4/12/2006

1:14 PM

CAPS

NUM

INS

SCRL

start

5 M

Ar...

31

3 M

MI...

P...

P...

S...

1:14 PM

Serial Number: **C6348923**
Model: **700**

RE00111021

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348923.___0
FILE DATE AND TIME: 05/02/2006 08:29

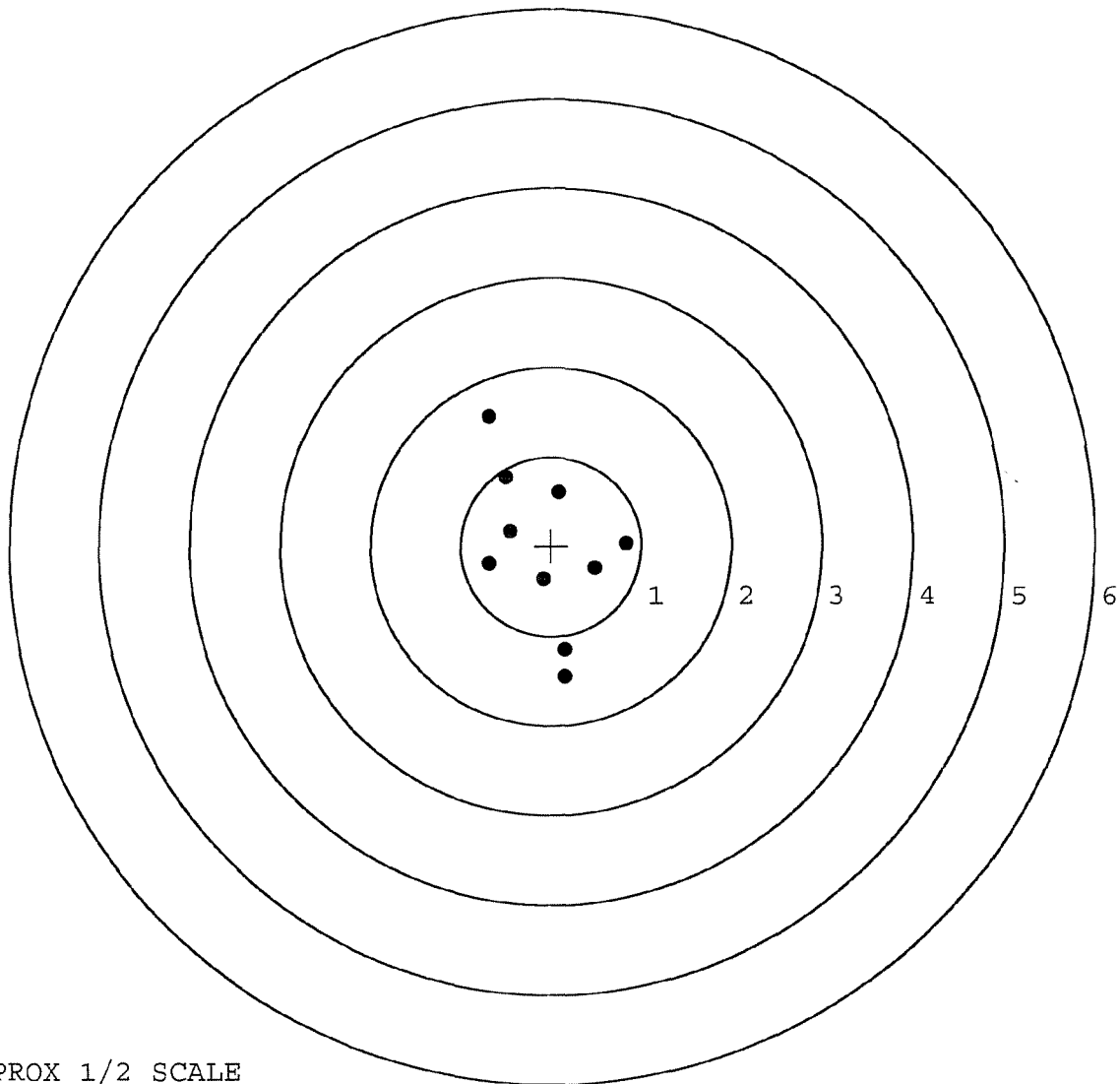
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.014
The Average Y Centroid of the Five Target Set:	-0.075
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.801
The Distance from POA to Centroid Target #1:	0.081
The Distance from Centroid Target #2 to Centroid Target #1:	0.135
The Distance from Centroid Target #3 to Centroid Target #1:	0.296
The Distance from Centroid Target #4 to Centroid Target #1:	0.148
The Distance from Centroid Target #5 to Centroid Target #1:	0.172

BARBER - M24 0041707

SERIAL NUMBER: C6348923. __0
 TARGET NUMBER: 1
 FILE DATE: 05/02/2006
 FILE TIME: 08:29

	POINT#	X	Y
	1:	0.164	-1.448
	2:	0.155	-1.147
	3:	0.493	-0.251
	4:	0.830	0.031
X CENTROID:	5:	-0.085	-0.377
Y CENTROID:	6:	-0.683	-0.205
POA TO CENTROID:	7:	-0.459	0.160
HORZ SPREAD:	8:	0.090	0.601
VERT SPREAD:	9:	-0.501	0.772
GROUP SPREAD:	10:	-0.698	1.448
MIN RADIUS:		0.336	
MAX RADIUS:		1.617	
MEAN RADIUS:		0.867	
# IN 1 IN DIAMETER:		2	
# IN 2 IN DIAMETER:		7	
# in 3 IN DIAMETER:		9	



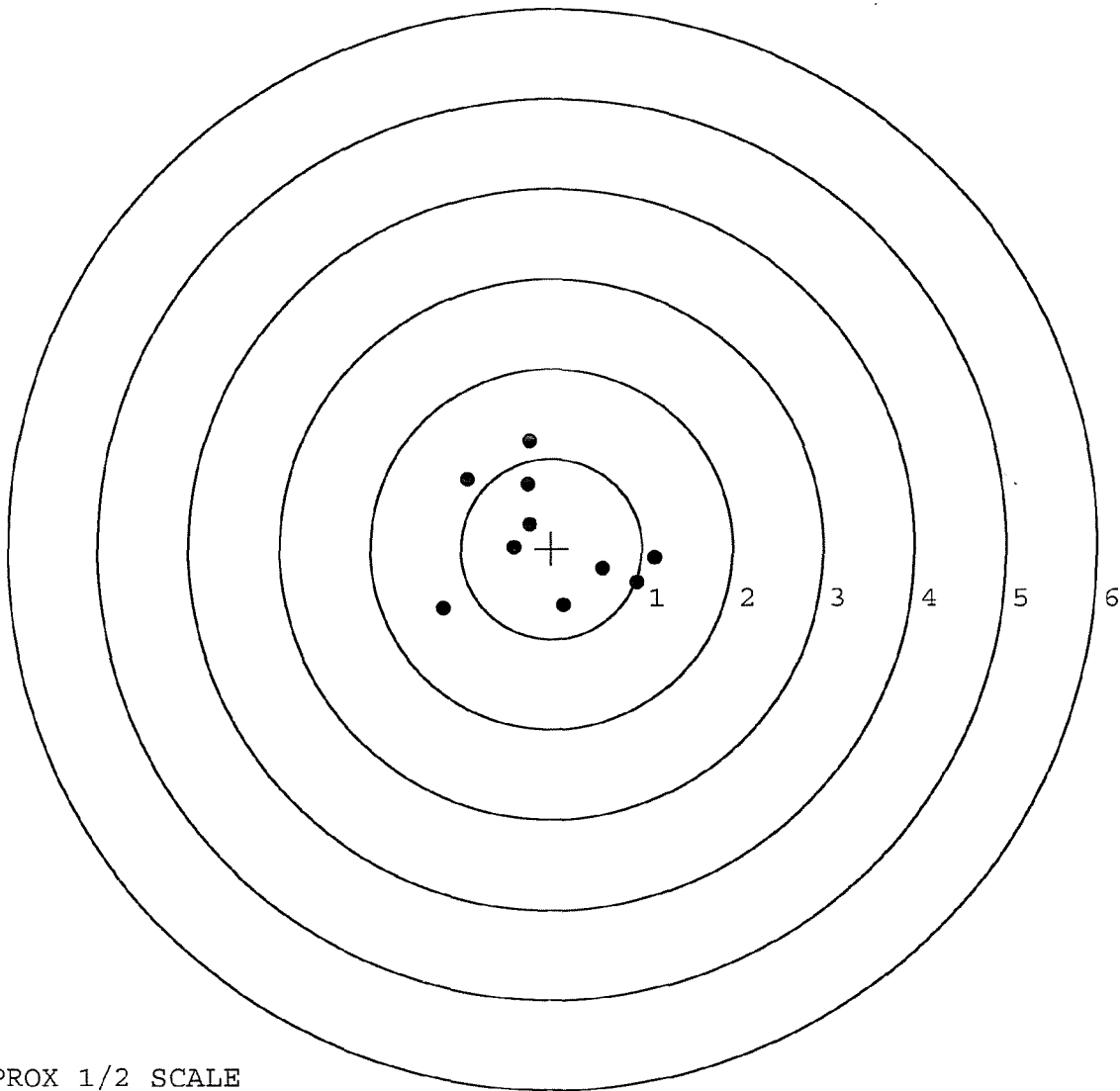
TARGET APPROX 1/2 SCALE

BARBER - M24 0041708

SERIAL NUMBER: C6348923. 0
 TARGET NUMBER: 2
 FILE DATE: 05/02/2006
 FILE TIME: 08:29

X CENTROID: -0.049
 Y CENTROID: 0.091
 POA TO CENTROID: 0.104
 HORZ SPREAD: 2.336
 VERT SPREAD: 1.869
 GROUP SPREAD: 2.403
 MIN RADIUS: 0.262
 MAX RADIUS: 1.376
 MEAN RADIUS: 0.866
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 10

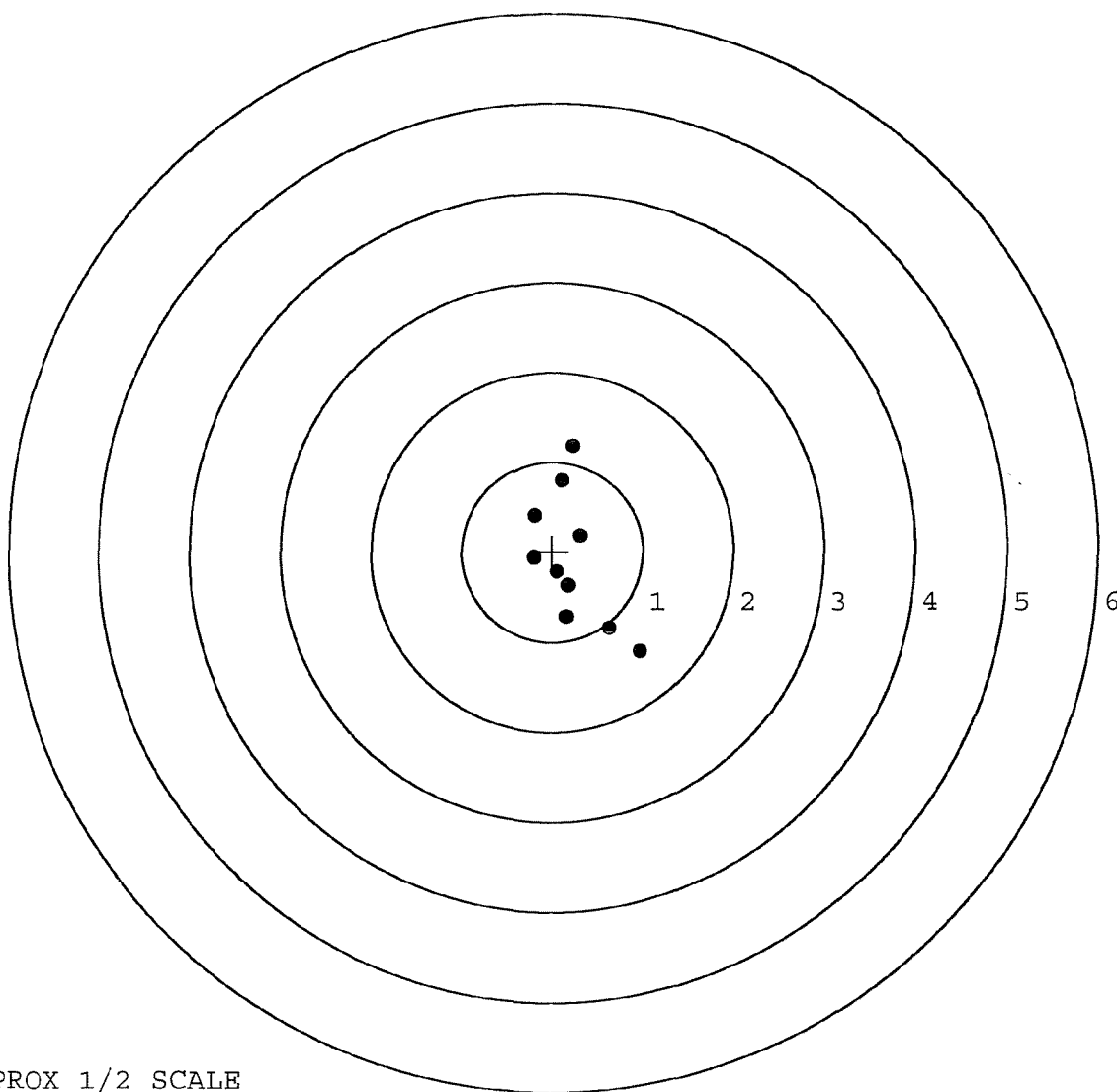
POINT#	X	Y
1:	0.949	-0.380
2:	1.145	-0.112
3:	0.570	-0.226
4:	0.138	-0.632
5:	-1.191	-0.677
6:	-0.419	0.012
7:	-0.246	0.265
8:	-0.261	0.712
9:	-0.929	0.761
10:	-0.248	1.192



TARGET APPROX 1/2 SCALE

BARBER - M24 0041709

SERIAL NUMBER: C6348923. 0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.970	-1.113
FILE DATE: 05/02/2006	2:	0.633	-0.848
FILE TIME: 08:29	3:	0.162	-0.721
	4:	0.182	-0.378
X CENTROID: 0.224	5:	0.055	-0.225
Y CENTROID: -0.079	6:	-0.202	-0.070
POA TO CENTROID: 0.238	7:	0.304	0.184
HORZ SPREAD: 1.172	8:	-0.202	0.401
VERT SPREAD: 2.293	9:	0.111	0.799
GROUP SPREAD: 2.409	10:	0.231	1.180
MIN RADIUS: 0.224			
MAX RADIUS: 1.275			
MEAN RADIUS: 0.680			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



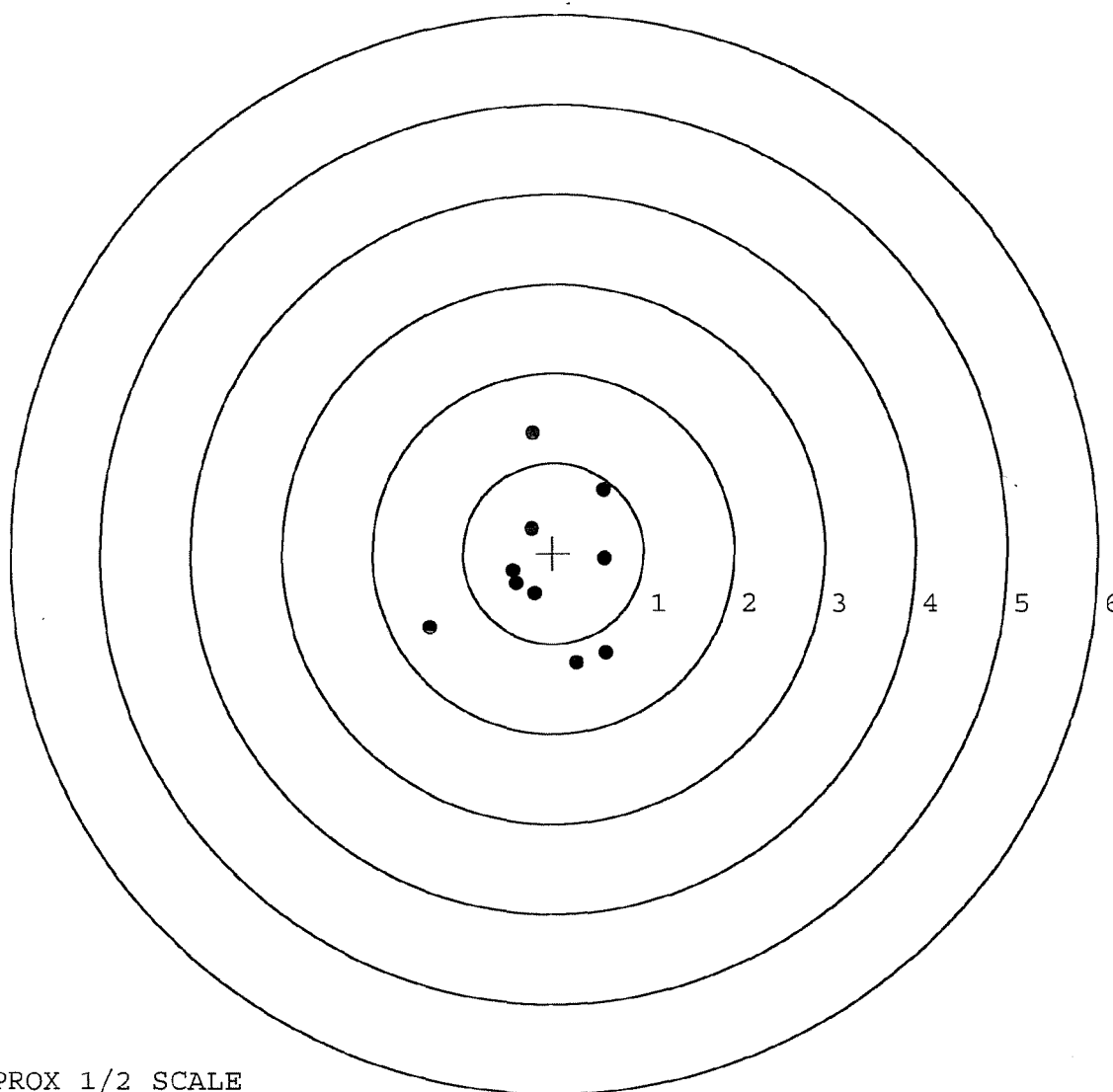
TARGET APPROX 1/2 SCALE

BARBER - M24 0041710

SERIAL NUMBER: C6348923. __0
 TARGET NUMBER: 4
 FILE DATE: 05/02/2006
 FILE TIME: 08:29

POINT#	X	Y
1:	0.587	-1.106
2:	0.263	-1.220
3:	-0.203	-0.452
4:	-0.446	-0.194
5:	-1.363	-0.832
6:	-0.245	0.269
7:	0.571	-0.057
8:	0.556	0.712
9:	-0.234	1.339
10:	-0.410	-0.334

X CENTROID: -0.092
 Y CENTROID: -0.187
 POA TO CENTROID: 0.209
 HORZ SPREAD: 1.950
 VERT SPREAD: 2.559
 GROUP SPREAD: 2.607
 MIN RADIUS: 0.287
 MAX RADIUS: 1.533
 MEAN RADIUS: 0.845
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



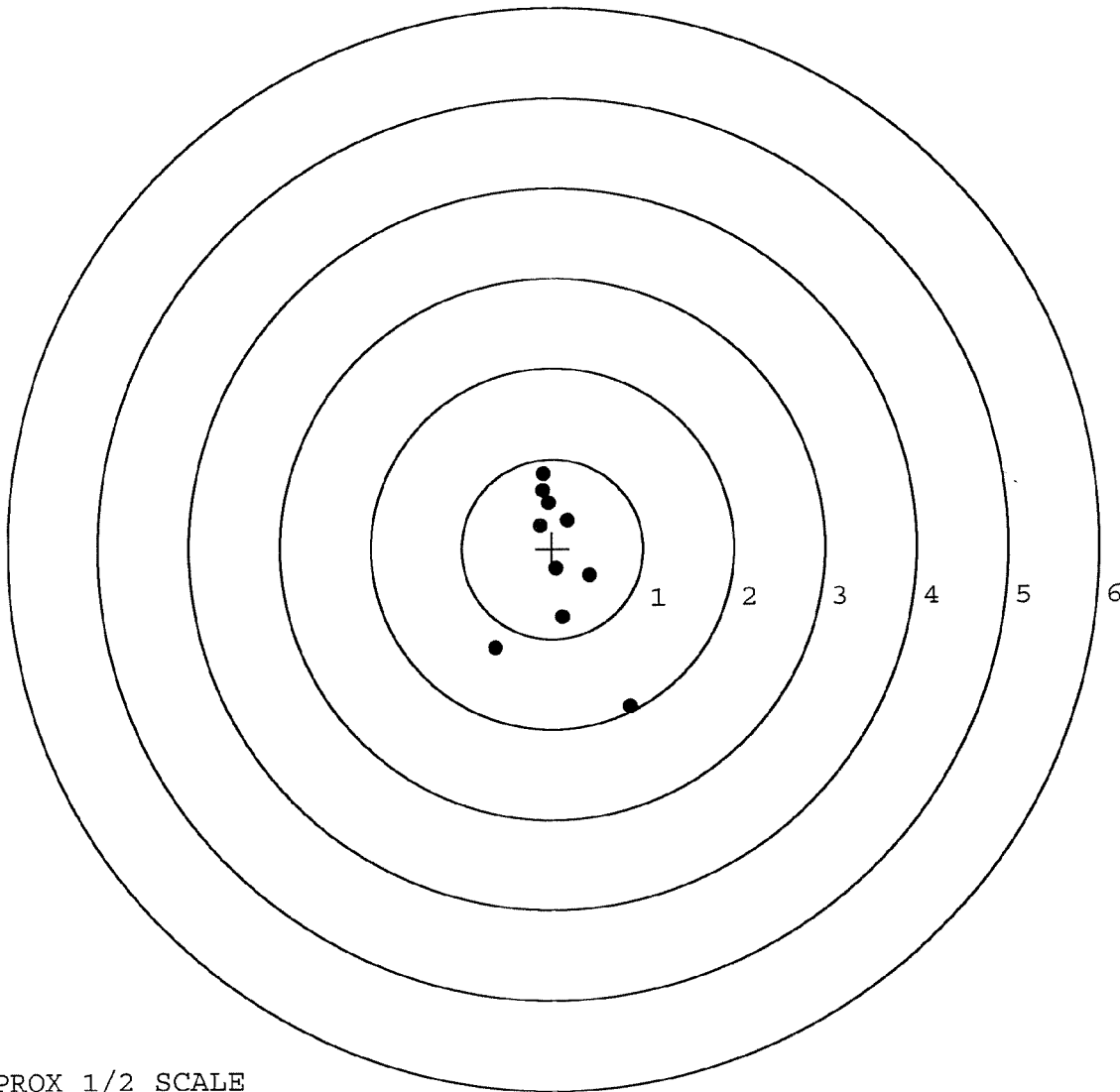
TARGET APPROX 1/2 SCALE

BARBER - M24 0041711

SERIAL NUMBER: C6348923. __0
 TARGET NUMBER: 5
 FILE DATE: 05/02/2006
 FILE TIME: 08:29

X CENTROID: 0.057
 Y CENTROID: -0.157
 POA TO CENTROID: 0.167
 HORZ SPREAD: 1.479
 VERT SPREAD: 2.591
 GROUP SPREAD: 2.760
 MIN RADIUS: 0.065
 MAX RADIUS: 1.785
 MEAN RADIUS: 0.746
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.852	-1.756
2:	-0.627	-1.102
3:	0.111	-0.763
4:	0.408	-0.303
5:	0.041	-0.220
6:	0.173	0.317
7:	-0.138	0.259
8:	-0.045	0.508
9:	-0.103	0.653
10:	-0.099	0.835



TARGET APPROX 1/2 SCALE

R & E NUMBER	111021		
SERIAL NUMBER	C6348923		
LOG-IN DATE	4/12-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-17-06	RTL
505	RE-BARREL	4-20-06	RTL
560	ASSEMBLE	4-20-06	RTL
600	PROOF	4-20-06	RTL
605	CHECK HEADSPACE	4-20-06	RTL
610	DIS-ASSEMBLE GUN	4-20-06	RTL
612	MAGNAFLUX	4/21/06	mm
510	DRILL AND TAP	4-21-06	TRW
615	ROLLMARK CALIBER	4-21-06	CW
618	ROTO-BLAST	4-21-06	CB
620	APPLY COATINGS	4/25/06	EB
625	FINAL ASSEMBLY	4-27-06	RTL
640	FUNCTION TEST AND	PASS FAIL	5-2-06 TRW
650	TARGET	PASS FAIL	5-2-06 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		5/21-06 R.B.
	A) HEADSPACE	PASS FAIL	5-2-06 AC
	B) TRIGGER PULL		N/A AC
680	F) SAFETY ON FORCE	4 lbs 4 lbs 4 lbs	A
	G) SAFETY OFF FORCE	2 lbs 2 lbs 2 lbs	A
	I) FIRING PIN INDENT	.022 .022 .022	A
690	PACK		5-10-06 N/A

C 634 8923

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: **RE00006512** Serial: C6348923 Model: 700 Center Fire Caliber: 7.62 NATO M/24 (SWS) Repairman: Status: Closed 3/16/00 8:28:34 AM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: **COMMANDER, 509TH SIGNAL BATTALION, ISB** **COMMANDER, 509TH SIGNAL BATTALION, ISB**

Address 1: **UNIT 31401 BOX 47** **UNIT 31401 BOX 47**

Address 2: PD Box: PD Box:

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

State: **AE** Zip Code: **09630** Country: **IT** State: **AE** Zip Code: **09630** Country: **IT**

IFL: [] [] [] [] [] [] [] []

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: []

Fax: []

Email: []

Comments: []

Received Condition

Condition: **Fair**

Condition Notes: []

CSR Notes: []

Accessories Received

Code	Desc	QTY
A007	With Stud, & SWIVEL	2
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1

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

Start 3/16/00 10:23 AM CAPS NUM INS SCPL 10:23 AM

BBL - 96003
 BOIT - 96005
 EXTRACTOR - 91816

BARBER - M24 0041714

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348923
9 Jun 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0502
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.566
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .568222

THE AMR FOR THIS RIFLE IS: 1.131

CENTROIDAL DISTANCES

0 TO 1	.196003
1 TO 2	.63276
1 TO 3	.707707
1 TO 4	.870979
1 TO 5	.958129

+ 1 <----POA

4₅ 2 3

BARBER - M24 0041715

REMINGTON CENTERFIRE ACCURACY TEST

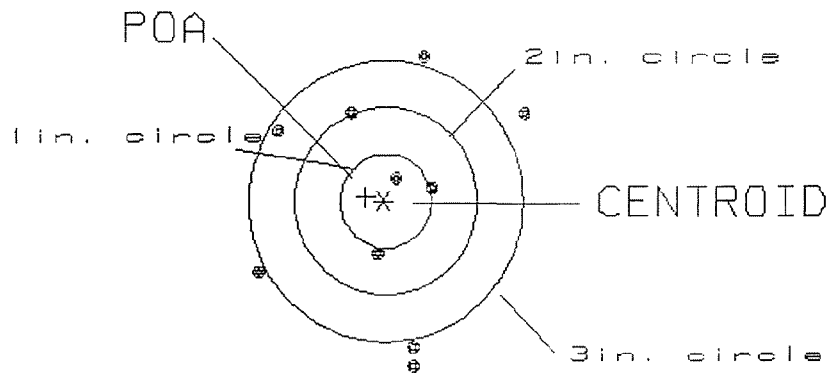
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .196
MIN RADIUS : .286
MEAN RADIUS : 1.222
MAX RADIUS : 1.793
CENTROID X : .191
CENTROID Y : -.044

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348923

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.90
VS= 3.31
GS= 3.35

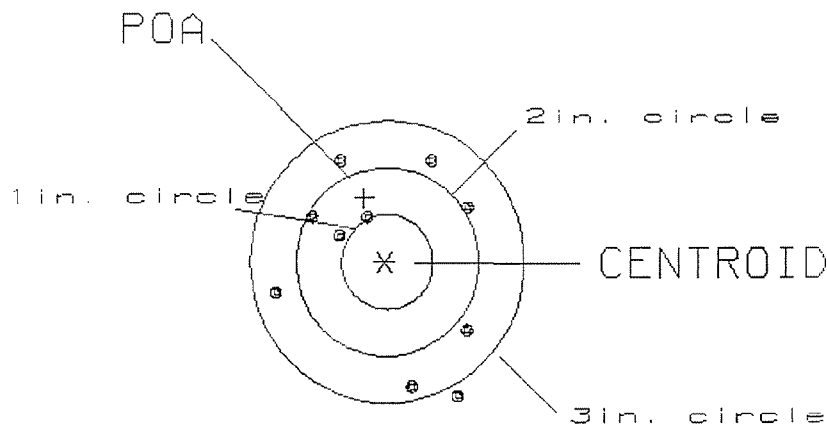
1
4
5

PATTERN #: 2
 POA TO CENTROID: .712
 MIN RADIUS : .497
 MEAN RADIUS : 1.085
 MAX RADIUS : 1.626
 CENTROID X : .222
 CENTROID Y : -.676

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348923

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.08
 VS= 2.55
 GS= 2.85

1
 3
 9

BARBER - M24 0041717

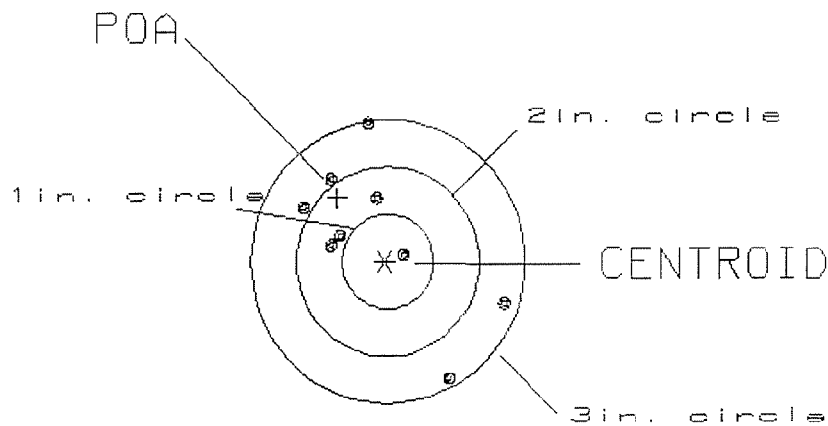
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 030
POA TO CENTROID: .849
MIN RADIUS : .190
MEAN RADIUS : 1.115
MAX RADIUS : 2.600
CENTROID X : .523
CENTROID Y : -.669

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348923

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 2.24
VS= 3.90
GS= 4.07

1
4
9

BARBER - M24 0041718

REMINGTON CENTERFIRE ACCURACY TEST

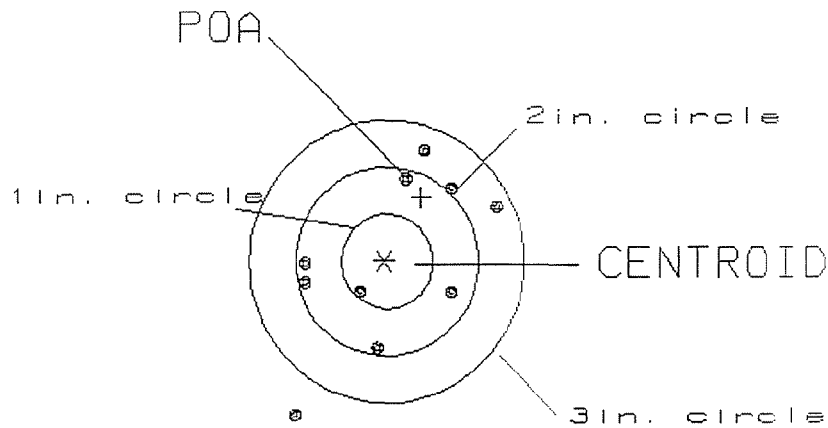
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .791
 MIN RADIUS : .468
 MEAN RADIUS : 1.047
 MAX RADIUS : 1.881
 CENTROID X : -.403
 CENTROID Y : -.681

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348923

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.16
 US= 2.82
 GS= 3.15

1
 6
 9

BARBER - M24 0041719

REMINGTON CENTERFIRE ACCURACY TEST

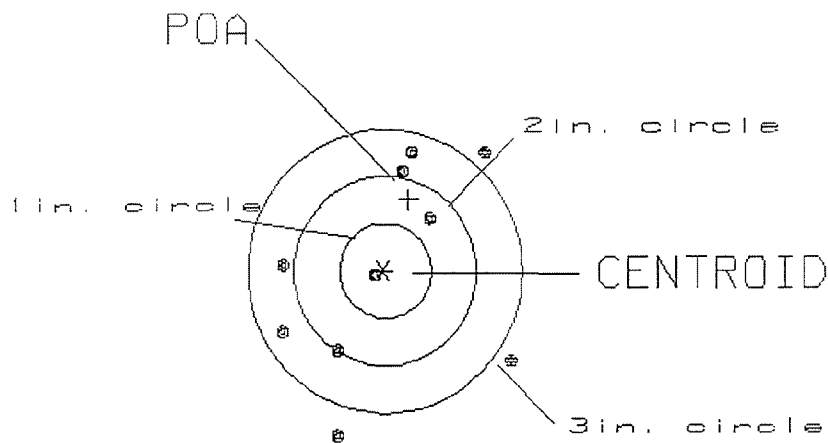
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .810
 MIN RADIUS : .171
 MEAN RADIUS : 1.187
 MAX RADIUS : 1.806
 CENTROID X : -.282
 CENTROID Y : -.760

9 Jun 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348923

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.52
 VS= 3.03
 GS= 3.39

1
 2
 7

Final Inspection

Sn: 06348923

DATE REC'D: 3-9-00

DATE RET'D:

AUDITOR: RW

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		00006512	
SERIAL NUMBER		C6348923	
LOG-IN DATE		3-9-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-6-00	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	4-24-00	RW
605	CHECK HEADSPACE	4-24-00	RW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-8-00	RW
655	FINAL INSPECT	6-12-00	RW
660	PACK		
		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™ M24

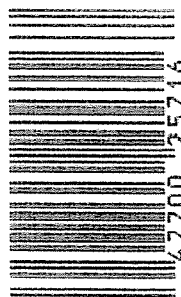
SERIAL NO.
C6348923

ORDER NO.
5716

Q1

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


5716 C6348923

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348923

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 30	89	DW
600	Proof	8 30	89	DW
607	Check Headspace	8 30	89	DW
610	Dis-assemble Gun	8 30	89	DW
612	Magnaflux Barrel Action		8/31/89	KCR
	Magnaflux Bolt		8/31/89	KCR
615	Rollmark Caliber		8/31/89	JS
7	Drill and Tap Sight Holes	9 1	89	FB
618	Polish Barrel RB	9 1	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		16 Sept 89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/27/89	94
	G) Safety Off Force	3	3	3			9/27/89	94
	H) Trigger Pull Test & Retainability						20 Sept 89	92
	I) Firing Pin Indent	.021	.0215	.021			9/27/89	94
	J) Assemble Stock						9/27/89	94
	K) Assemble Swivel Studs						20 Sept 89	92
	L) Attach Front and Rear Sight Assemblies						9/27/89	94
	M) Iron Sight Alignment						9/27/89	94
	N) Detach Front & Rear Sights & place in numbered container						9/27/89	94
	O) Attach Scope to Rifle						9/27/89	94
	P) Detach & Attach Scope 20 Times						9/27/89	94
640	Gallery Target & Test						9-28-89	94
	A) Time						9-28-89	94
	B) Malfunctions						9-28-89	94
	C) Pierced Primers						9-28-89	94
	D) Optical Clarity of Scope						9-28-89	94
645	Inspect for Live Ammo						9-28-89	94
655	Final Inspection						20 Sept 89	92
	A) Headspace						20 Sept 89	92
	B) Trigger Pull	2.44	2.76	2.74	2.62	2.56	20 Sept 89	92
	C) Function						20 Sept 89	92
660	Pack						15 Oct 89	92

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

SERIAL NO. Q6348953

DATE 13 MAR 90

TESTER JD

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	236	242		228	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	224	231		220	
PULL #3	230	233		218	
PULL #4	232	233		229	
PULL #5	231	231		233	
TOTAL	1159	1170			
AVG.	2318	234			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	285	289		
PULL #2	290	284		
PULL #3	287	281		
PULL #4	292	280		
PULL #5	285	284		
TOTAL	1439	1418		
AVG.	2878	2836		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	401	404		
PULL #2	408	396		
PULL #3	393	396		
PULL #4	408	392		
PULL #5	403	399		
TOTAL	2013	1987		
AVG.	4026	3974		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348923
28 Sep 1989

CENTROIDAL DISTANCES

0 TO	1	.784725
1 TO	2	.409273
1 TO	3	.227482
1 TO	4	.356926
1 TO	5	.0970618

+2.5 ←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6806
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0794
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .685216

THE AMK FOR THIS RIFLE IS: 1.166

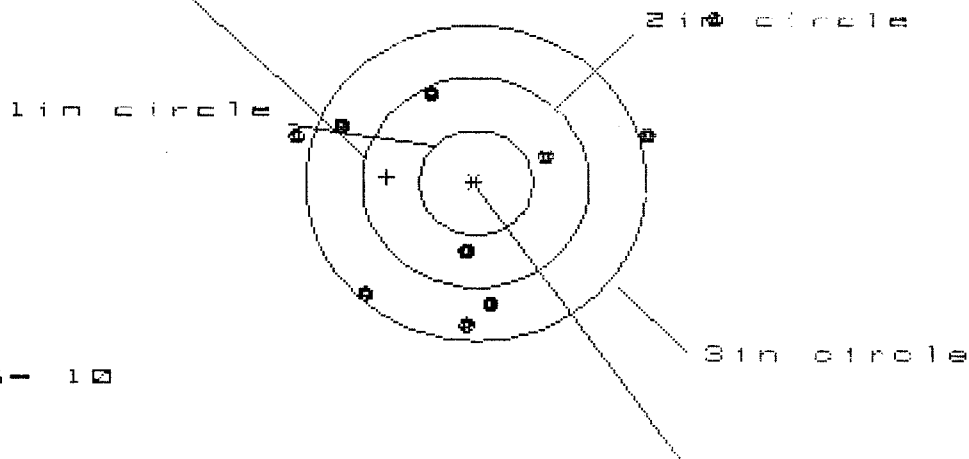
28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348923

CENTERFIRE PATTERNS

1

POA



OF SHOTS- 10

IN CIR

1in - 1

2in - 3

3in - 7

HS- 3.662

VS- 2.897

GS- 4.032

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.085	1.733	1.565
MINIMUM X	-1.577	-1.345	-1.089
MAXIMUM Y	1.559	1.066	1.140
MINIMUM Y	-1.338	-1.165	-1.091
CENTROID X	.783	.551	.719
CENTROID Y	-.052	-.225	-.299
POA TO CENTROID in.	.784	.595	.779
MIN RADIUS	.696	.532	.437
MEAN RADIUS	1.339	1.160	1.102
MAX RADIUS	2.603	1.857	1.732
HORIZONTAL SPREAD	3.662	3.078	2.654
VERTICAL SPREAD	2.897	2.231	2.231
EXTREME SPREAD	4.032	3.079	2.939
NUMBER IN ONE INCH CIRCLE =	1	3	7
NUMBER IN TWO INCH CIRCLE =	3	7	8
NUMBER IN THREE INCH CIRCLE =	7	8	8

28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346923

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 4.485

VS= 3.098

GS= 4.498

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.047	1.776	.974
MINIMUM X	:	-2.433	-1.568	-1.346
MAXIMUM Y	:	1.691	1.668	1.682
MINIMUM Y	:	-1.407	-1.430	-1.416
CENTROID X	:	.403	.674	.452
CENTROID Y	:	.100	.123	.109
POA TO CENTROID in.	:	.415	.685	.465
MIN RADIUS	:	.299	.447	.320
MEAN RADIUS	:	1.297	1.148	1.057
MAX RADIUS	:	2.447	2.122	1.954
HORIZONTAL SPREAD	:	4.485	3.344	2.320
VERTICAL SPREAD	:	3.098	3.098	3.098
EXTREME SPREAD	:	4.498	3.682	3.459
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

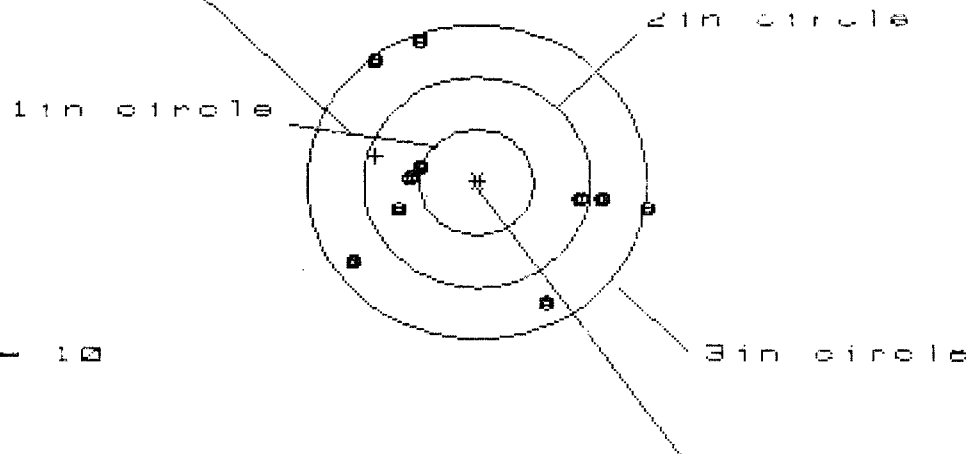
28 Sep 1989

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CENTERFIRE PATTERNS

3

POA



OF SHOTS- 10

IN CIR

1in = 0

2in = 4

3in = 9

HS= 2.602

VS= 2.506

GS= 2.795

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.535	1.290	1.199
MINIMUM X	:	-1.067	-.896	-.987
MAXIMUM Y	:	1.332	1.307	1.447
MINIMUM Y	:	-1.174	-1.199	-1.059
CENTROID X	:	.895	.724	.815
CENTROID Y	:	-.250	-.225	-.365
POA TO CENTROID in.	:	.929	.758	.893
MIN RADIUS	:	.511	.343	.493
MEHN RADIUS	:	1.099	1.010	.980
MAX RADIUS	:	1.552	1.447	1.500
HORIZONTAL SPREAD	:	2.602	2.186	2.186
VERTICAL SPREAD	:	2.506	2.506	2.506
EXTREME SPREAD	:	2.795	2.786	2.742
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B923

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 1

2 in - 6

3 in - 7

HS - 2.309

VS = 3.160

GS = 3.453

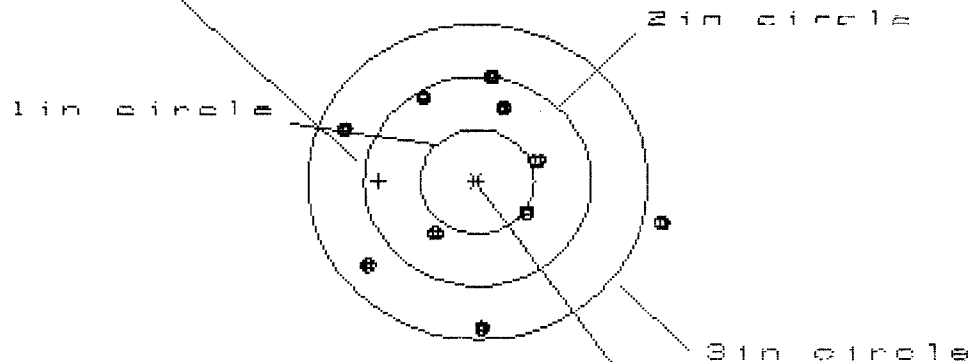
PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.940	1.009	.851
MINIMUM X	:	-1.369	-1.265	-.994
MAXIMUM Y	:	1.598	1.317	.916
MINIMUM Y	:	-1.562	-1.384	-1.219
CENTROID X	:	.453	.349	.507
CENTROID Y	:	-.188	-.366	-.531
POA TO CENTROID in.	:	.491	.506	.734
MIN RADIUS	:	.416	.521	.439
MEAN RADIUS	:	1.095	1.015	.896
MAX RADIUS	:	1.854	1.826	1.321
HORIZONTAL SPREAD	:	2.309	2.274	1.845
VERTICAL SPREAD	:	3.160	2.701	2.135
EXTREME SPREAD	:	3.453	3.122	2.149
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	7		

28 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B923

CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1in - 1

2in - 5

3in - 9

HS - 2.824

VS - 2.428

GS - 2.963

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.607	.734	.756
MINIMUM X	:	-1.217	-1.038	-1.016
MAXIMUM Y	:	1.052	1.013	.836
MINIMUM Y	:	-1.376	-1.415	-.974
CENTROID X	:	.869	.690	.668
CENTROID Y	:	-.007	.032	.209
POA TO CENTROID in.	:	.869	.691	.700
MIN RADIUS	:	.465	.592	.657
MEAN RADIUS	:	1.001	.930	.852
MAX RADIUS	:	1.645	1.427	1.243
HORIZONTAL SPREAD	:	2.824	1.772	1.772
VERTICAL SPREAD	:	2.428	2.428	1.810
EXTREME SPREAD	:	2.963	2.433	2.130
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	