

C6594662

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Smead®

Repair Inquiry

Repair Number: RE00085637

Serial: C6594662 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 9/29/2004 2:36:19 PM

Address Information

Customer:

Received From

Return To

Received From

Name: C CO SPT BN 1ST SWTG A

C CO SPT BN 1ST SWTG A

Address 1: AHN ARMAMENT FACILITY

AHN ARMAMENT FACILITY

Address 2: P.O. Box:

P.O. Box:

City: FT BRAGG

FT BRAGG

State: NC Zip Code: 28310 Country: US

State: NC Zip Code: 28310 Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition:

Notes:

CSR:

Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3

Repair Search

Refresh

Close

naglej

9/20/2004

2:47 PM

CAPS

NUM

INS

SCPL

start

2

3

Arms Services R...

4

Serial Number:

~~C6594662~~

Model: M24 SWS



RE00085637

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594662.___1
FILE DATE AND TIME: 11/03/2004 09:02

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

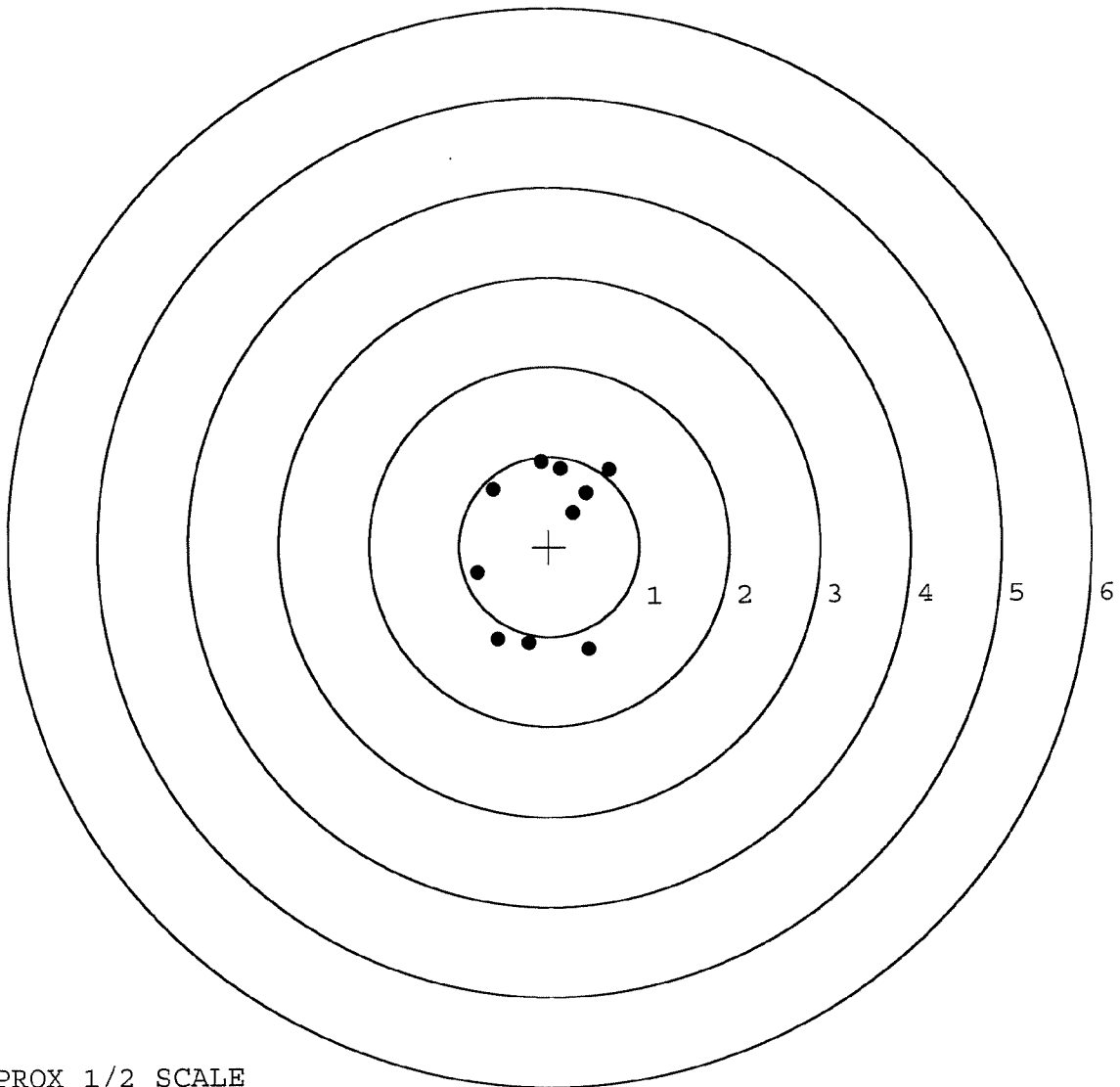
The Average X Centroid of the Five Target Set:	0.117
The Average Y Centroid of the Five Target Set:	-0.102
The Average Point of Impact of the Five Target Set:	0.155
The Average Mean Radius of the Five Target Set:	0.812
The Distance from POA to Centroid Target #1:	0.080
The Distance from Centroid Target #2 to Centroid Target #1:	0.319
The Distance from Centroid Target #3 to Centroid Target #1:	0.409
The Distance from Centroid Target #4 to Centroid Target #1:	0.179
The Distance from Centroid Target #5 to Centroid Target #1:	0.257

BARBER - M24 0021325

SERIAL NUMBER: C6594662. __1
 TARGET NUMBER: 1
 FILE DATE: 11/03/2004
 FILE TIME: 09:02

X CENTROID: -0.038
 Y CENTROID: 0.071
 POA TO CENTROID: 0.080
 HORZ SPREAD: 1.464
 VERT SPREAD: 2.095
 GROUP SPREAD: 2.160
 MIN RADIUS: 0.434
 MAX RADIUS: 1.310
 MEAN RADIUS: 0.922
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.670	0.847
2:	0.414	0.599
3:	0.271	0.376
4:	0.137	0.863
5:	-0.086	0.945
6:	-0.615	0.635
7:	-0.794	-0.292
8:	-0.577	-1.039
9:	-0.233	-1.076
10:	0.438	-1.150



TARGET APPROX 1/2 SCALE

BARBER - M24 0021326

SERIAL NUMBER: C6594662. __1

TARGET NUMBER: 2

FILE DATE: 11/03/2004

FILE TIME: 09:02

POINT#	X	Y
1:	1.502	-1.169
2:	0.653	-2.014
3:	0.201	-1.365
4:	-0.090	0.879
5:	-0.968	0.941
6:	-0.312	0.446
7:	-0.052	0.280
8:	0.073	0.117
9:	0.375	0.165
10:	0.269	-0.033

X CENTROID: 0.165

Y CENTROID: -0.175

POA TO CENTROID: 0.241

HORZ SPREAD: 2.470

VERT SPREAD: 2.955

GROUP SPREAD: 3.370

MIN RADIUS: 0.176

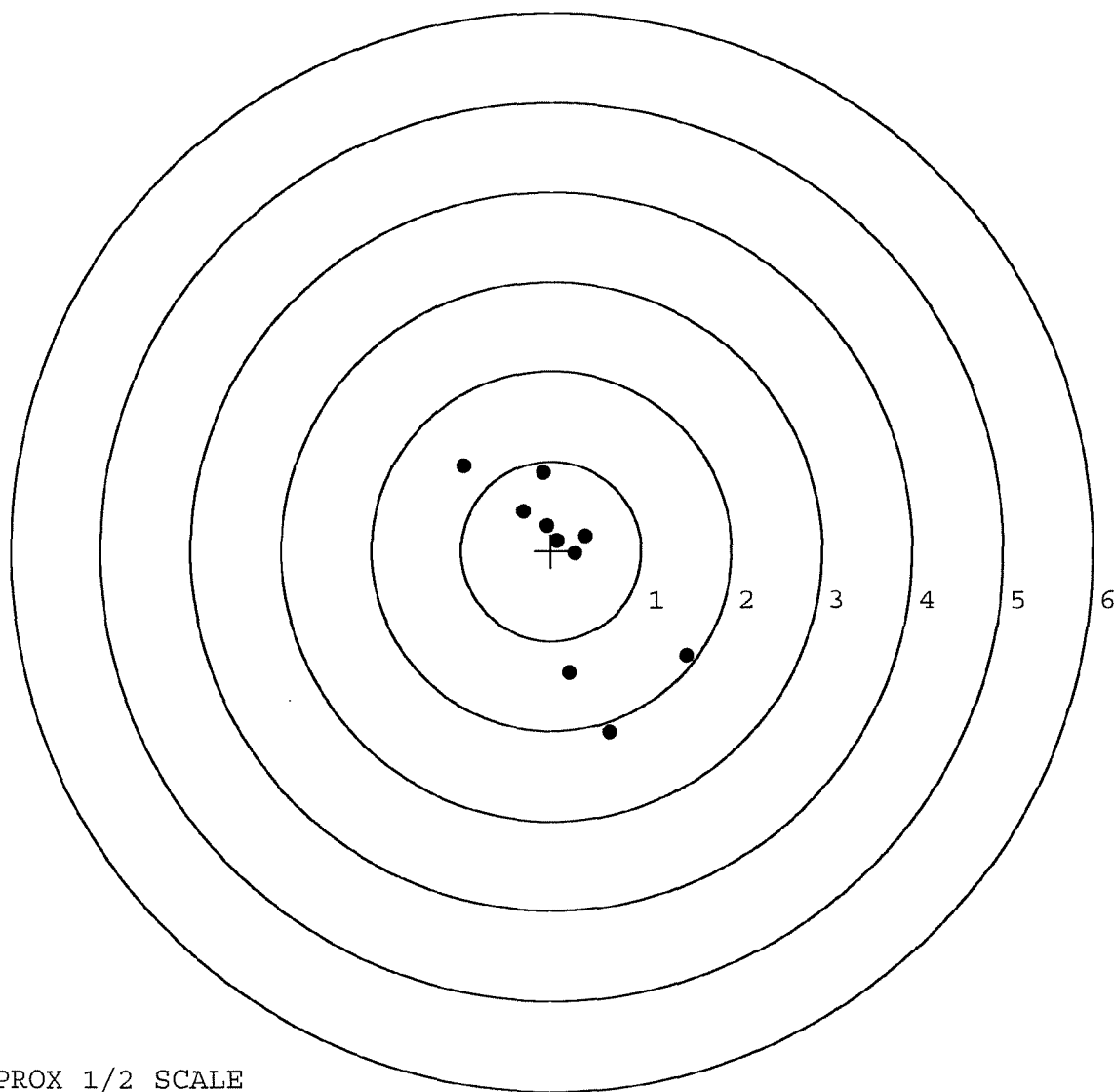
MAX RADIUS: 1.902

MEAN RADIUS: 0.960

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0021327

SERIAL NUMBER: C6594662. __1

TARGET NUMBER: 3

FILE DATE: 11/03/2004

FILE TIME: 09:02

POINT#	X	Y
1:	0.655	-0.846
2:	0.488	-0.838
3:	0.074	-0.567
4:	0.059	-0.379
5:	0.031	-0.217
6:	0.246	0.423
7:	-0.006	0.382
8:	-0.202	0.254
9:	-0.530	0.868
10:	1.562	-1.393

X CENTROID: 0.238

Y CENTROID: -0.231

POA TO CENTROID: 0.332

HORZ SPREAD: 2.092

VERT SPREAD: 2.261

GROUP SPREAD: 3.080

MIN RADIUS: 0.207

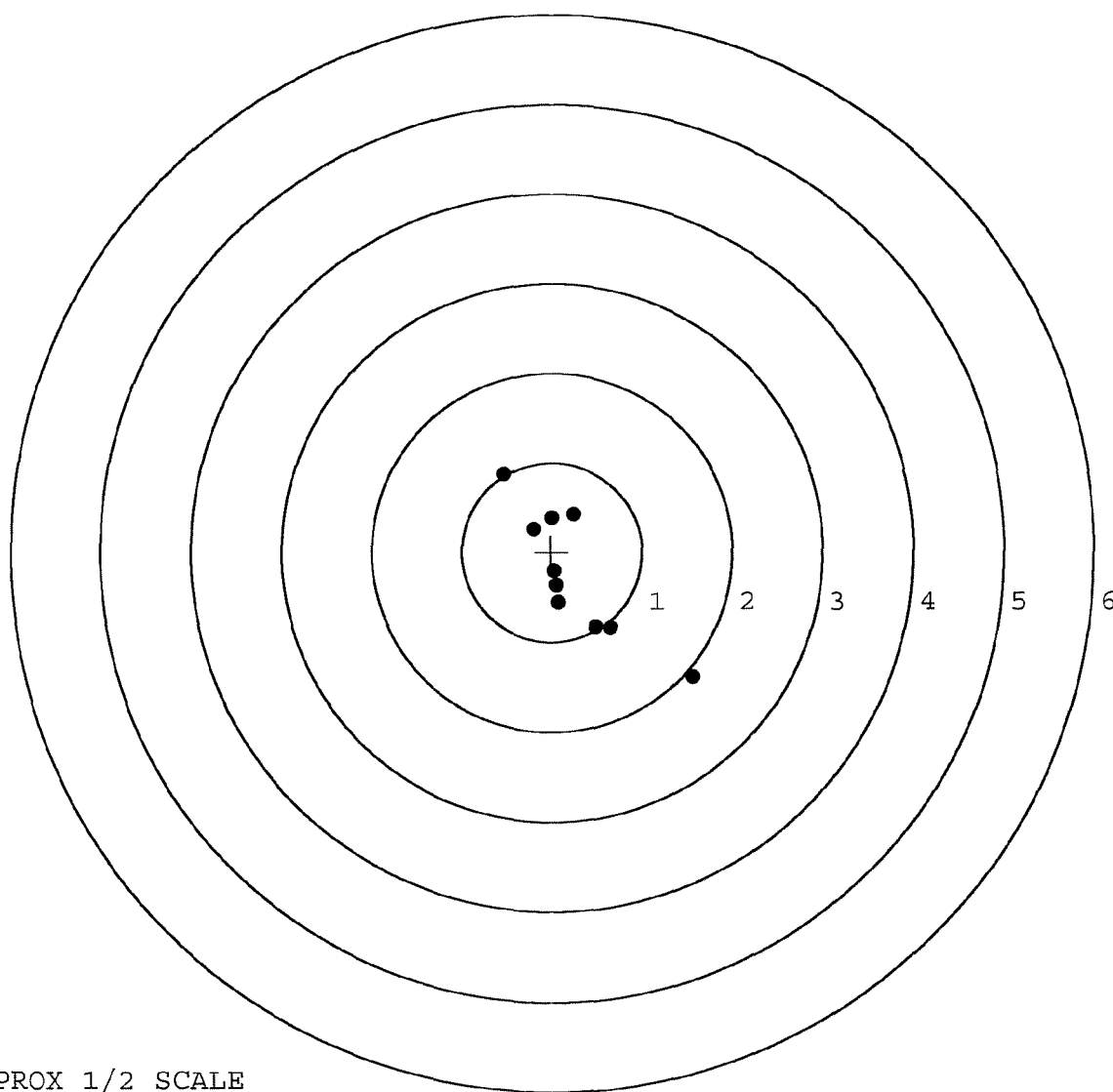
MAX RADIUS: 1.762

MEAN RADIUS: 0.728

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



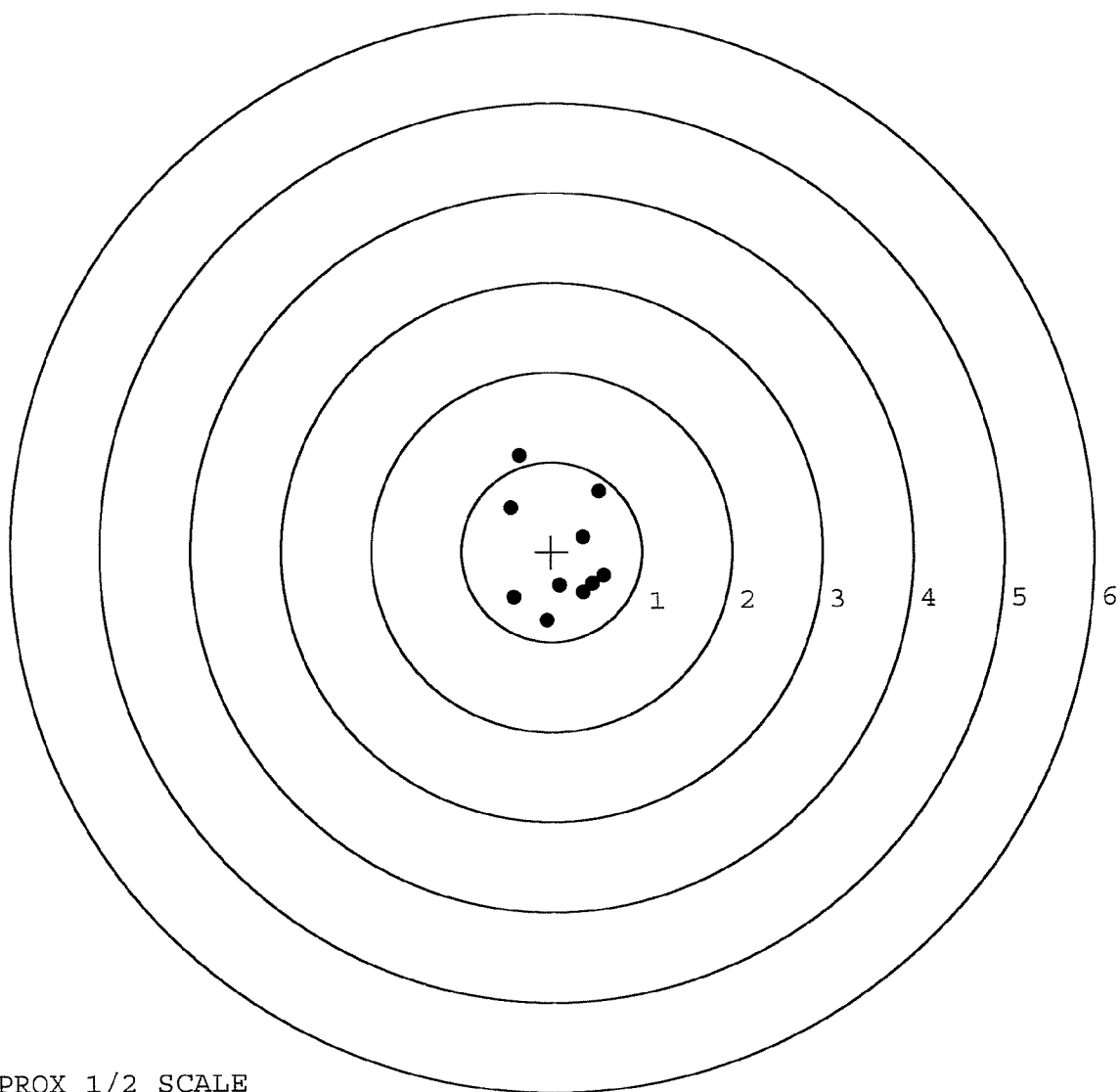
TARGET APPROX 1/2 SCALE

BARBER - M24 0021328

SERIAL NUMBER: C6594662. __1
 TARGET NUMBER: 4
 FILE DATE: 11/03/2004
 FILE TIME: 09:02

POINT#	X	Y
1:	-0.351	1.069
2:	0.529	0.669
3:	-0.448	0.491
4:	0.353	0.165
5:	-0.423	-0.513
6:	-0.054	-0.769
7:	0.091	-0.378
8:	0.352	-0.455
9:	0.448	-0.355
10:	0.578	-0.269

X CENTROID: 0.108
 Y CENTROID: -0.034
 POA TO CENTROID: 0.113
 HORZ SPREAD: 1.026
 VERT SPREAD: 1.838
 GROUP SPREAD: 1.862
 MIN RADIUS: 0.316
 MAX RADIUS: 1.195
 MEAN RADIUS: 0.639
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



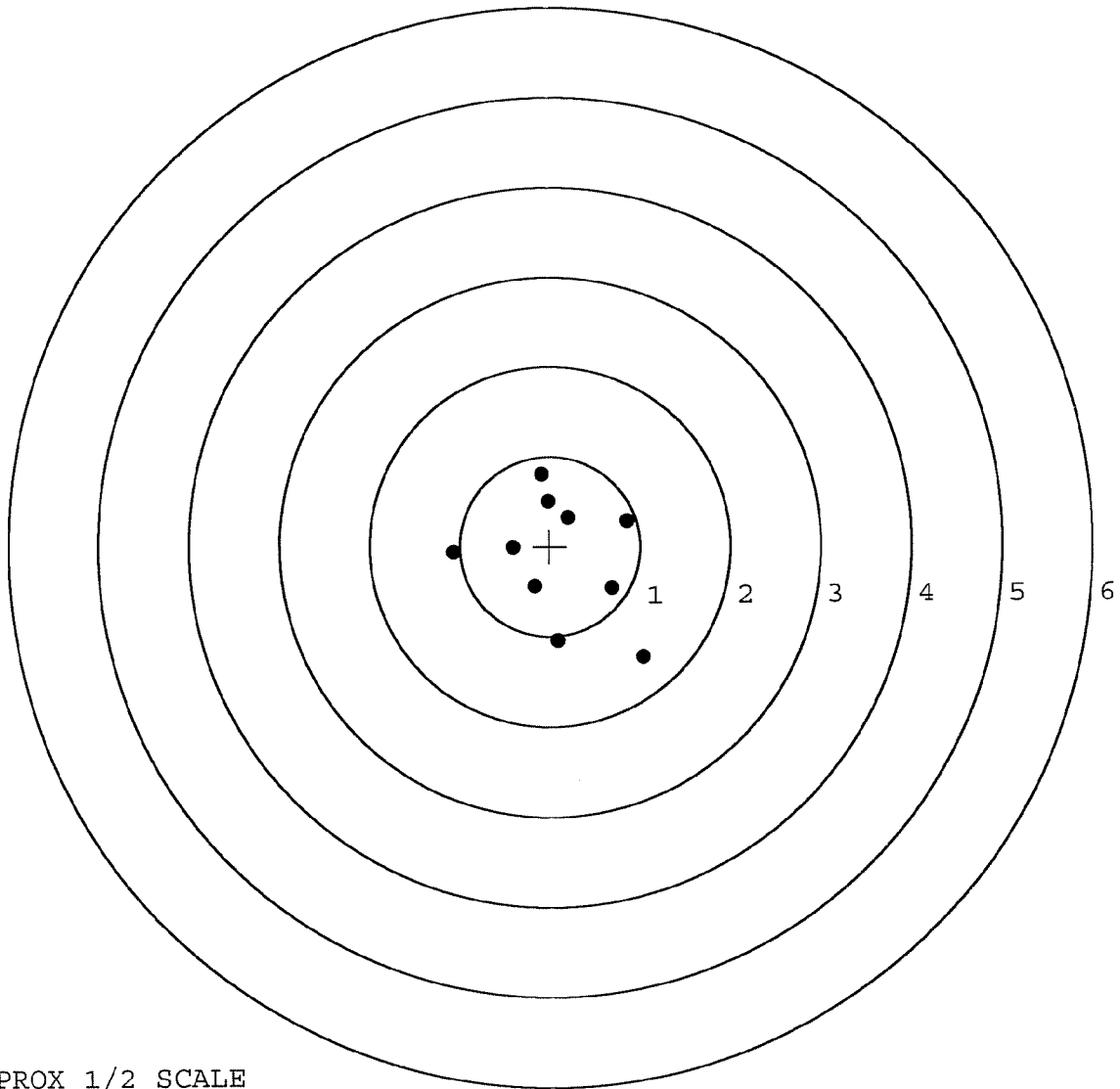
TARGET APPROX 1/2 SCALE

BARBER - M24 0021329

SERIAL NUMBER: C6594662. __1
TARGET NUMBER: 5
FILE DATE: 11/03/2004
FILE TIME: 09:02

POINT#	X	Y
1:	1.031	-1.238
2:	0.089	-1.054
3:	0.688	-0.471
4:	0.859	0.284
5:	-0.167	-0.450
6:	0.203	0.325
7:	-0.017	0.506
8:	-0.088	0.804
9:	-0.412	-0.015
10:	-1.069	-0.073

X CENTROID: 0.112
Y CENTROID: -0.138
POA TO CENTROID: 0.178
HORZ SPREAD: 2.100
VERT SPREAD: 2.042
GROUP SPREAD: 2.402
MIN RADIUS: 0.418
MAX RADIUS: 1.433
MEAN RADIUS: 0.810
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

[illegible]

AVERAGE CYCLE TESTS
 INITIAL & CYCLE TESTS
 2.50 LBS (plus or minus 0.50 LBS)
 3.00 LBS (plus or minus 0.75 LBS)
 4.00 LBS (plus or minus 1.00 LBS)

DATE 10-16-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.38	2.38		2.37	
PULL #2	2.41	2.37		2.43	
PULL #3	2.40	2.53		2.41	
PULL #4	2.37	2.54		2.46	
PULL #5	2.39	2.52		2.50	
TOTAL	11.95	12.34		12.17	
AVERAGE	2.39	2.46		2.43	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.30		
PULL #2	3.24	3.09		
PULL #3	3.25	3.11		
PULL #4	3.23	3.15		
PULL #5	3.18	3.16		
TOTAL	16.09	15.81		
AVERAGE	3.21	3.16		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.25	4.08		4.36
PULL #2	4.25	4.15		4.50
PULL #3	4.25	4.18		4.45
PULL #4	4.26	4.17		4.49
PULL #5	4.29	4.16		4.45
TOTAL	21.30	20.74		22.25
AVERAGE	4.26	4.14		4.45

R & E NUMBER	85637		
SERIAL NUMBER	C6594662 OK		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-6-04	AC
560 A	RE-BARREL	10-7-04	AC
B	DRILL AND TAP	10-12-04	TRW
575	ASSEMBLE	10-8-04	RTZ
600	PROOF	10-11-04	AC
605	CHECK HEADSPACE	10-12-04	RTZ
610	DIS-ASSEMBLE GUN	10-12-04	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10/13/04	CD
618	ROTO-BLAST	10/14/04	LB
620	APPLY COATINGS	10/25/04	HP
625 A	FINAL ASSEMBLY	10-27-04	RTZ
B	TRIGGER PULL TEST	11-4-04	AC
C	SAFETY "ON" FORCE	11-4-04	AC
D	SAFETY "OFF" FORCE	11-4-04	AC
E	FIRING PIN INDENT	11-4-04	AC
640	TARGET	11-3-04	TRW
655	FINAL INSPECT	11-4-04	AC
660	PACK	11-5-04	RTZ
		SHIP DATE	
		QAR INSPECTION DATE	

Serial Number: C6594662
Model: 700



RE00042310

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

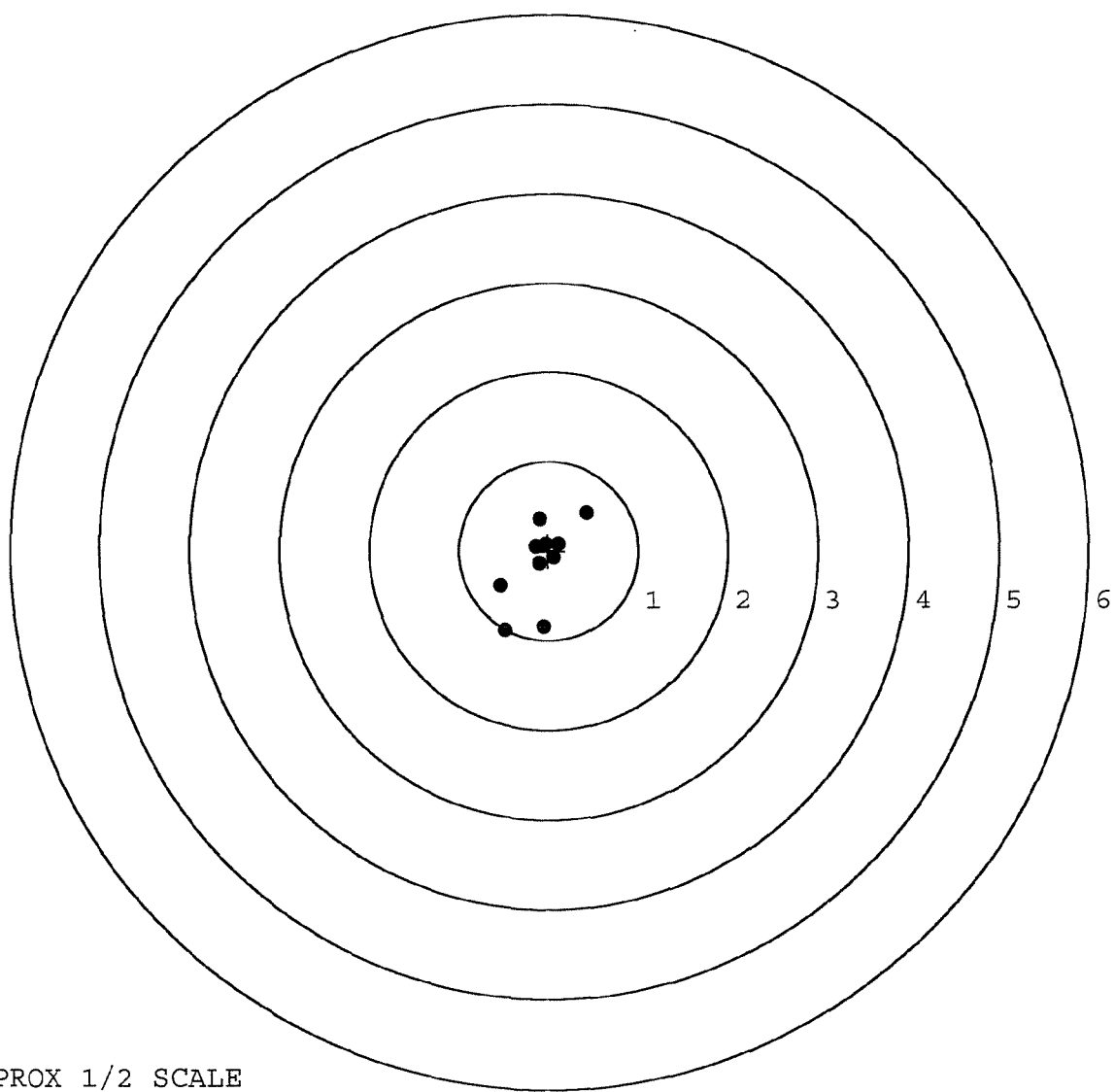
FIREARM SERIAL NUMBER / DATASET NAME: C6594662.___0
FILE DATE AND TIME: 03/13/2002 03:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.156
The Average Y Centroid of the Five Target Set:	0.015
The Average Point of Impact of the Five Target Set:	0.157
The Average Mean Radius of the Five Target Set:	0.511
The Distance from POA to Centroid Target #1:	0.163
The Distance from Centroid Target #2 to Centroid Target #1:	0.159
The Distance from Centroid Target #3 to Centroid Target #1:	0.504
The Distance from Centroid Target #4 to Centroid Target #1:	0.184
The Distance from Centroid Target #5 to Centroid Target #1:	0.161

BARBER - M24 0021335

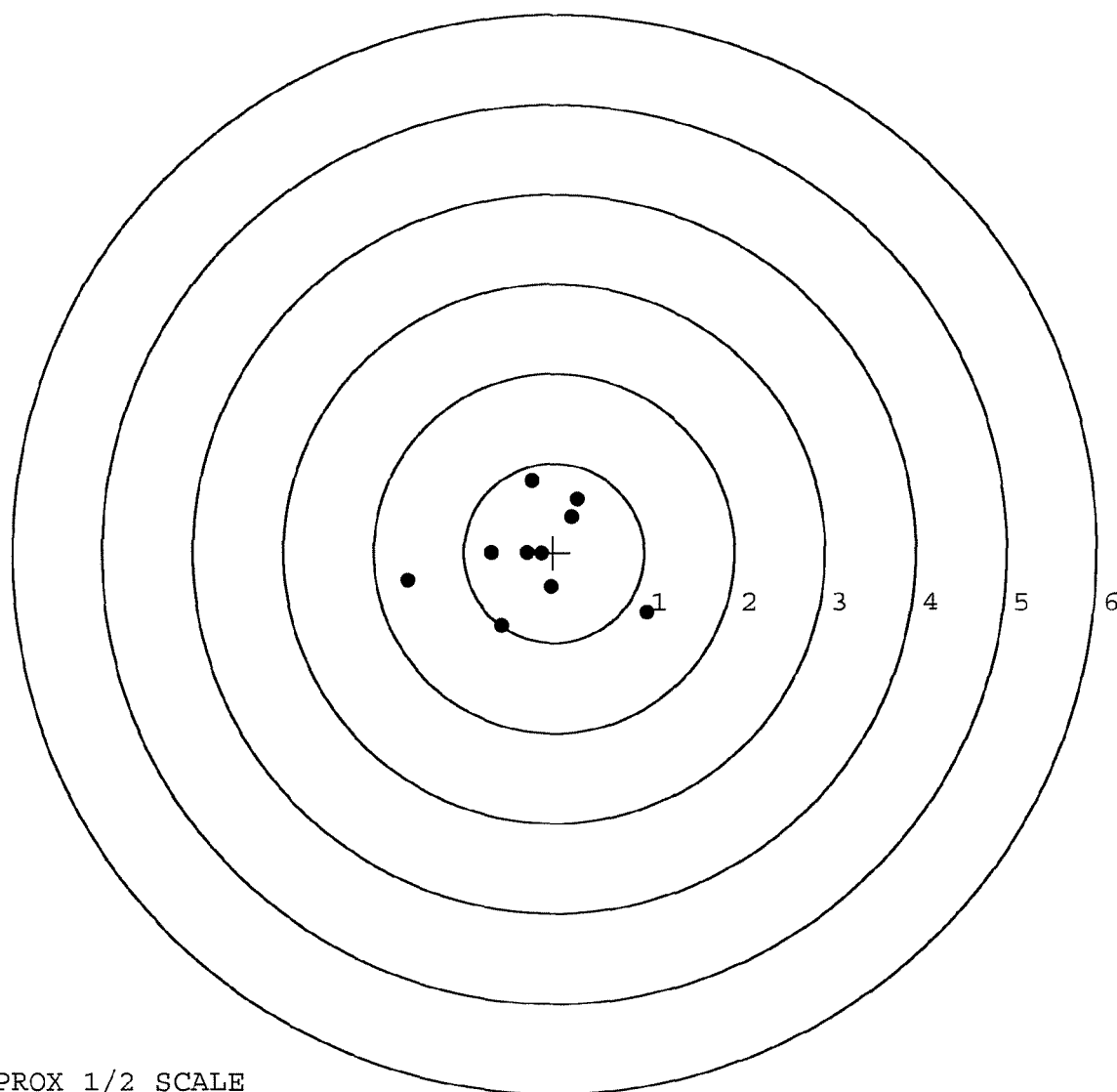
SERIAL NUMBER: C6594662. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	-0.538	-0.398
FILE DATE: 03/13/2002	2:	-0.482	-0.899
FILE TIME: 03:07	3:	-0.051	-0.857
	4:	0.421	0.425
X CENTROID: -0.086	5:	-0.103	0.360
Y CENTROID: -0.138	6:	-0.142	0.051
POA TO CENTROID: 0.163	7:	-0.106	-0.143
HORZ SPREAD: 0.959	8:	0.060	-0.074
VERT SPREAD: 1.324	9:	0.115	0.074
GROUP SPREAD: 1.603	10:	-0.032	0.079
MIN RADIUS: 0.021			
MAX RADIUS: 0.858			
MEAN RADIUS: 0.425			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0021336

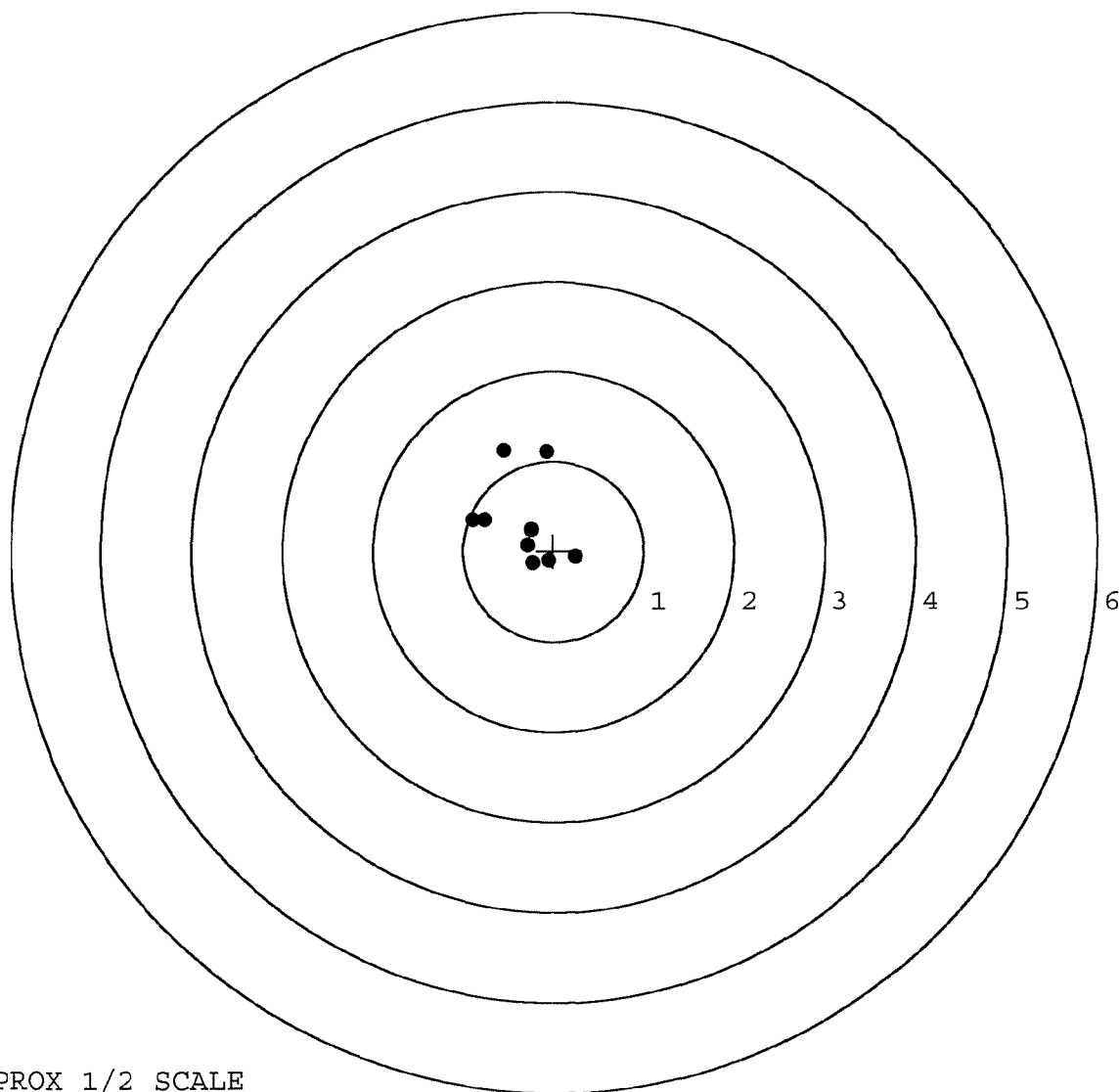
SERIAL NUMBER: C6594662. 0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.241	0.804
FILE DATE: 03/13/2002	2:	-1.620	-0.321
FILE TIME: 03:07	3:	-0.690	-0.001
	4:	0.265	0.600
X CENTROID: -0.210	5:	0.200	0.405
Y CENTROID: -0.040	6:	1.031	-0.673
POA TO CENTROID: 0.214	7:	-0.032	-0.383
HORZ SPREAD: 2.651	8:	-0.579	-0.822
VERT SPREAD: 1.626	9:	-0.138	-0.007
GROUP SPREAD: 2.674	10:	-0.298	-0.001
MIN RADIUS: 0.079			
MAX RADIUS: 1.438			
MEAN RADIUS: 0.699			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0021337

SERIAL NUMBER: C6594662. 0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.075	1.103
FILE DATE: 03/13/2002	2:	-0.547	1.119
FILE TIME: 03:07	3:	-0.895	0.346
	4:	-0.761	0.342
X CENTROID: -0.309	5:	-0.252	0.232
Y CENTROID: 0.314	6:	-0.229	-0.136
POA TO CENTROID: 0.441	7:	0.251	-0.062
HORZ SPREAD: 1.146	8:	-0.047	-0.108
VERT SPREAD: 1.255	9:	-0.290	0.060
GROUP SPREAD: 1.425	10:	-0.249	0.240
MIN RADIUS: 0.095			
MAX RADIUS: 0.840			
MEAN RADIUS: 0.478			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



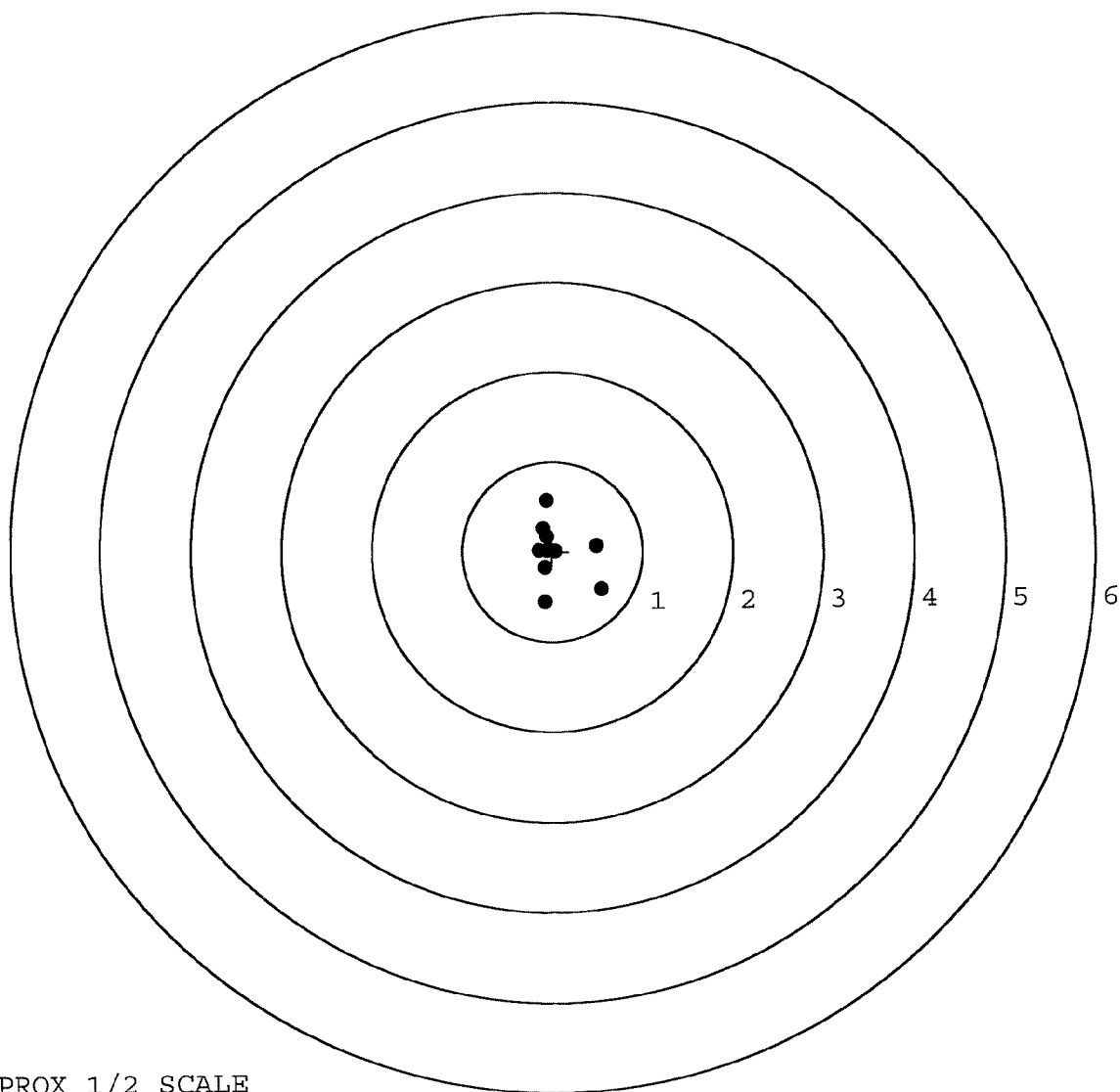
TARGET APPROX 1/2 SCALE

BARBER - M24 0021338

SERIAL NUMBER: C6594662. __0
 TARGET NUMBER: 4
 FILE DATE: 03/13/2002
 FILE TIME: 03:07

POINT#	X	Y
1:	0.487	0.060
2:	0.543	-0.421
3:	-0.085	-0.566
4:	-0.065	0.570
5:	-0.101	0.259
6:	-0.148	0.011
7:	0.036	0.002
8:	-0.084	-0.183
9:	-0.064	0.163
10:	-0.065	0.013

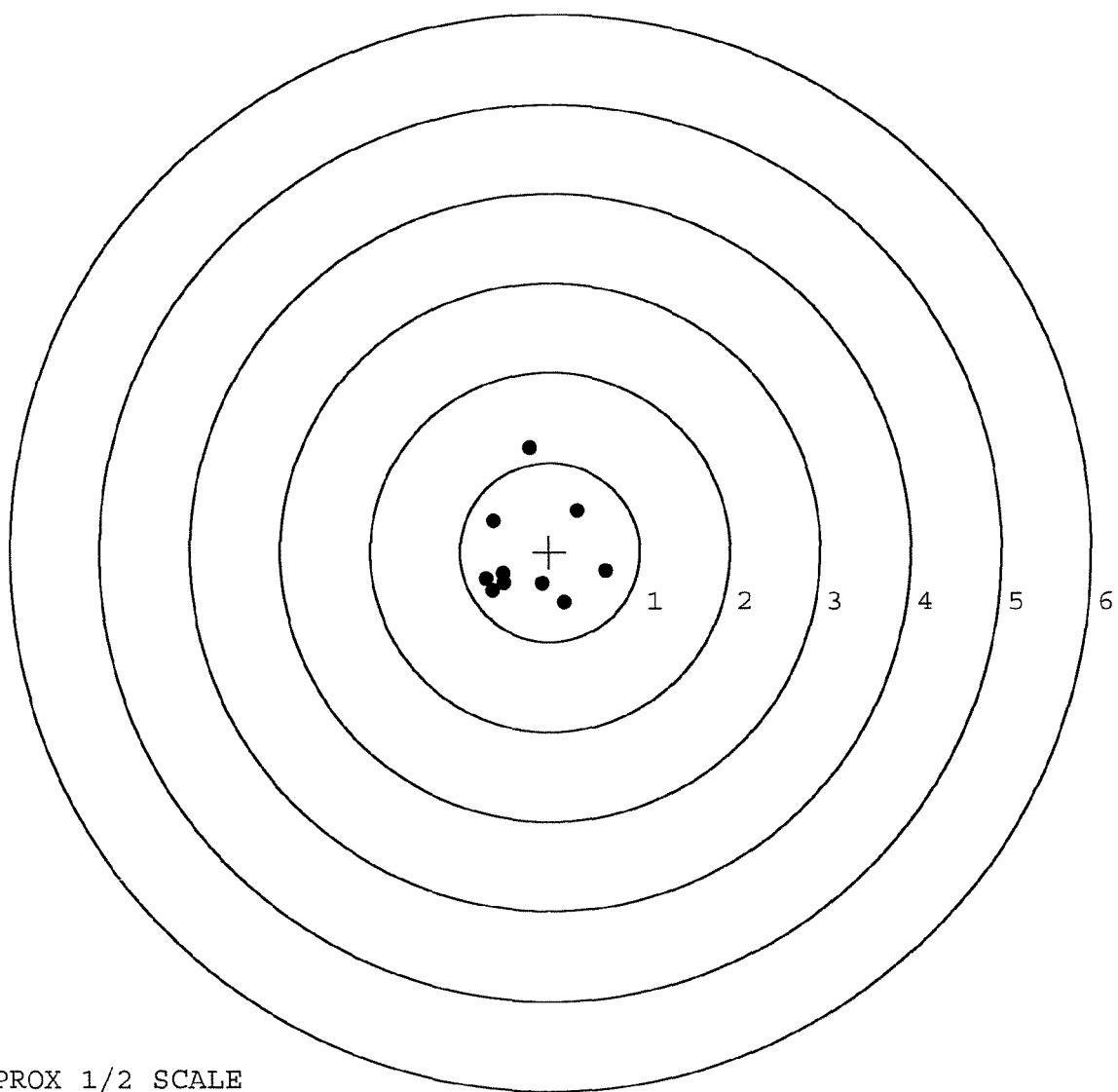
X CENTROID: 0.045
 Y CENTROID: -0.009
 POA TO CENTROID: 0.046
 HORZ SPREAD: 0.691
 VERT SPREAD: 1.136
 GROUP SPREAD: 1.163
 MIN RADIUS: 0.015
 MAX RADIUS: 0.646
 MEAN RADIUS: 0.330
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0021339

SERIAL NUMBER: C6594662. 0	POINT#	X	Y
TARGET NUMBER: 5	1:	-0.228	1.165
FILE DATE: 03/13/2002	2:	-0.627	0.345
FILE TIME: 03:07	3:	0.301	0.464
	4:	0.623	-0.207
X CENTROID: -0.222	5:	0.166	-0.569
Y CENTROID: -0.052	6:	-0.085	-0.354
POA TO CENTROID: 0.228	7:	-0.517	-0.250
HORZ SPREAD: 1.330	8:	-0.707	-0.310
VERT SPREAD: 1.734	9:	-0.637	-0.446
GROUP SPREAD: 1.778	10:	-0.510	-0.357
MIN RADIUS: 0.332			
MAX RADIUS: 1.217			
MEAN RADIUS: 0.625			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 42300

SERIAL NUMBER C6594662

LOG-IN DATE 2/26/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3/1/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	3/5/02	RH
B	DRILL AND TAP	3/5/02	RH
C	POLISH		
575	ASSEMBLE	3/6/02	RH
600	PROOF	3-6-02	MAGNA-FLUX
605	CHECK HEADSPACE	3-6-02	INSPECTED
610	DIS-ASSEMBLE GUN	3/6/02	RH 7 2002
612	MAGNAFLUX		OPERATOR RH
615	ROLLMARK CALIBER	3/7/02	TRW
618	ROTO-BLAST	3/8	TRW
620	APPLY COATINGS	3-8	TRW
625 A	FINAL ASSEMBLY	3-12-02	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-13-02	TRW
655	FINAL INSPECT	3-14-02	RH
660	PACK	3-14-02	TRW
		SHIP DATE	
QAR INSPECTION DATE			

C-6594662

SCOPE S/N 88-1220

Repair Inquiry

Repair Number: **RE00000763** Serial: C6594662 Model 700 Center Fire Caliber: 762 SWS M-24 150F18 Repairman: Status: New 12/15/99 1:21:44 PM

Address Information

Customer: Received From: Return To: Received From:

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

Address 1: **XVIII AIRBORNE CORPS AND FORT BRAGG** **XVIII AIRBORNE CORPS AND FORT BRAGG**

Address 2: **BUILDING J-2050** PO Box: **BUILDING J-2050** PO Box:

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Pool:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A016	Scope Mounts	2
A017	Scope Base	1
A026	Scope	1
Z000	BI-POD	1

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

BBL 96003

Remington**TRACKING DOCUMENT**

Repair Order Number



Repair Order Numbe

RE00000763

Description/Serial

C6594662

Repairman -

Date Received 12/15/1999

Account # - R-

Model 700 Center Fire Caliber: 762

Estimate Date

SWS M-24 15OF18

Current Date - 12/16/1999

CustomerTRANSPORTATION OFFICER
XVIII AIRBORNE CORPS AND FORT B
BUILDING J-2050
FORT BRAGG NC 28310 USReturn ToTRANSPORTATION OFFICER
XVIII AIRBORNE CORPS AND FORT
BUILDING J-2050
FORT BRAGG NC 28310 US

Phone (H)

Fax

Phone (W)

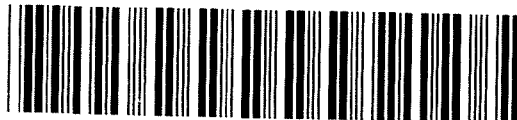
Email

ProblemsReportedFound**Repair**Material # MaterialDescQuantity
NeededQuantity
FromQuantity
FromWarranty
(Y/N)

Total:

Serial Number: C6594662

Model ID: 700

**RE00000763**

Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

BARBER - M24 0021343

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6594662
5 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2354
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1472
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .277635

THE AMR FOR THIS RIFLE IS: 1.047

CENTROIDAL DISTANCES

0 TO 1	.495198
1 TO 2	.123693
1 TO 3	.363341
1 TO 4	.48006
1 TO 5	.486236

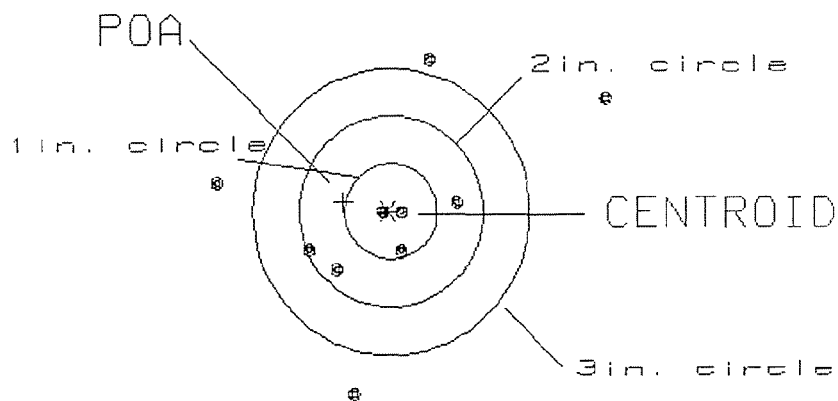
4
5 21 <----POA
3

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .495
 MIN RADIUS : .067
 MEAN RADIUS : 1.104
 MAX RADIUS : 2.601
 CENTROID X : .486
 CENTROID Y : -.095

5 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594662

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.14

3

VS= 3.42

6

GS= 4.25

6

BARBER - M24 0021345

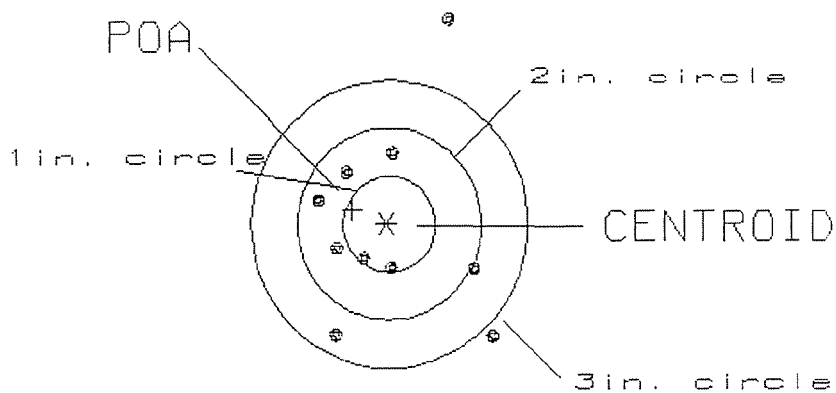
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
POA TO CENTROID: .399
MIN RADIUS : .419
MEAN RADIUS : .992
MAX RADIUS : 2.273
CENTROID X : .372
CENTROID Y : -.143

5 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594662

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 1.89

1

VS= 3.30

7

GS= 3.50

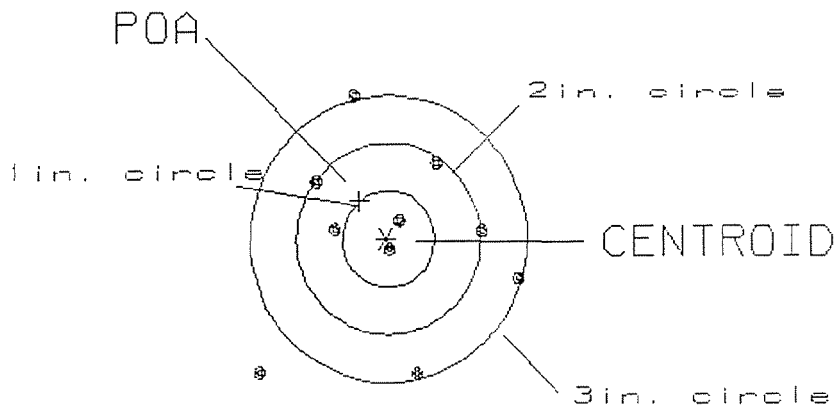
8

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .491
 MIN RADIUS : .068
 MEAN RADIUS : 1.030
 MAX RADIUS : 1.949
 CENTROID X : .287
 CENTROID Y : -.399

5 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594662

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.77

2

VS= 2.97

5

GS= 3.07

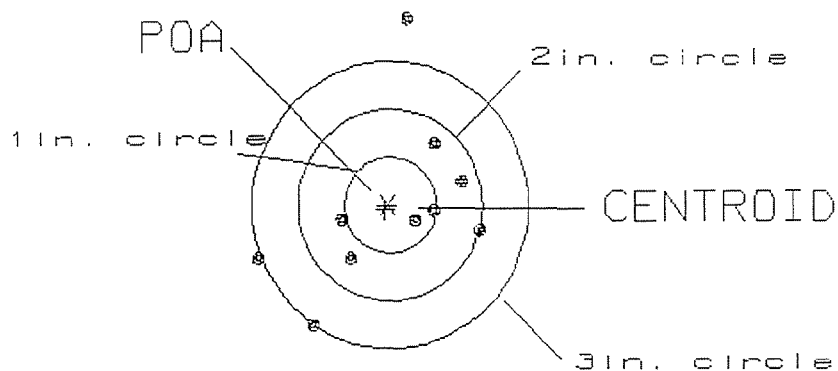
8

PATTERN #: 4
 POA TO CENTROID: .060
 MIN RADIUS : .368
 MEAN RADIUS : .966
 MAX RADIUS : 1.999
 CENTROID X : .029
 CENTROID Y : .052

5 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594662

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

H3= 2.40

2

US= 3.19

6

GS= 3.38

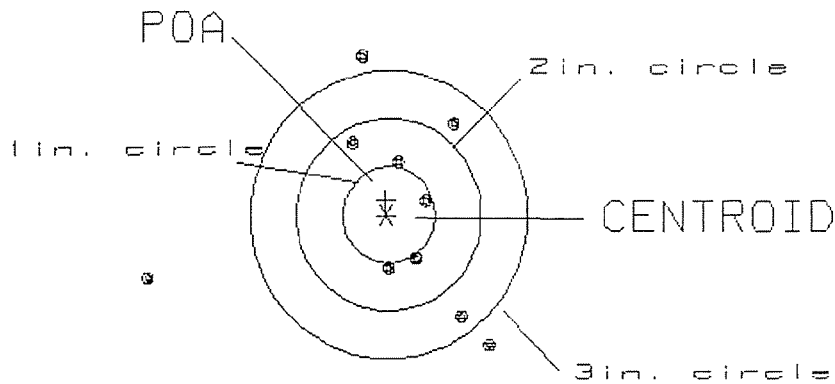
8

PATTERN #: 5
 POA TO CENTROID: .151
 MIN RADIUS : .375
 MEAN RADIUS : 1.145
 MAX RADIUS : 2.706
 CENTROID X : .003
 CENTROID Y : -.151

5 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6594662

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.77

1

US= 2.94

5

GS= 3.84

7

Final Inspection

Sn: C6594662

DATE REC'D: 12-12-99

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:

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C65.94662

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	12-24-99	RW
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-12-00	RW
605	CHECK HEADSPACE	1-12-00	RW
610	DIS-ASSEMBLE		
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	4-5-00	RO
655	FINAL INSPECT	4-10-00	RW
660	PACK		

QAR INSPECTION

SHIP DATE

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

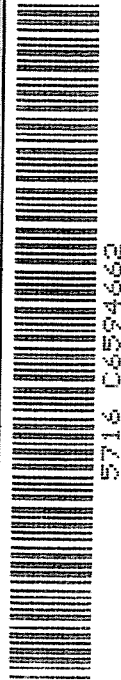
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM H24

SERIAL NO.
C6594662

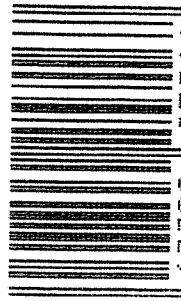
ORDER NO.
5716

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



5716 C6594662

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594662

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action	1 18 91		KR
	Magnaflux Bolt	1 18 91		KR
615	Rollmark Caliber	1 18 91		LB
617	Drill and Tap Sight Holes	1 24 91		FB
618	Polish Barrel	1 24 91		WB
620	Apply Coatings (Barrel Action)		2-15-91	HA
	Apply Coating (Bolt)			
625	Final Assembly		3/5/91	KL
	A) Clean inside of Bolt Assembly		3/5/91	KL
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/5/91	KL
	C) Inspect Ejector Hole for Chamfer		3/5/91	KL
	D) Oil Firing Pin Ass'y		3/5/91	KL
	E) Adjust Trigger Pull to Min Setting and Stake		3/7/91	KL

BARBER - M24 0021353		READINGS					DATE	INIT
op. #	OP. NAME							
625 cont.	F) Safety On Force	5	5	5			3/7/91	WB
	G) Safety Off Force	2	2	2			3/7/91	WB
	H) Trigger Pull Test & Retainability						3-7-91	JP
	I) Firing Pin Indent	.0215	.0217	.0215			3/7/91	WB
	J) Assemble Stock						3/7/91	KL
	K) Assemble Swivel Studs						3-11-91	DH
	L) Attach Front and Rear Sight Assemblies						3/7/91	KL
	M) Iron Sight Alignment						3/7/91	KL
	N) Detach Front & Rear Sights & place in numbered container						3/7/91	KL
	O) Attach Scope to Rifle						3/7/91	KL
	P) Detach & Attach Scope 20 Times						3/7/91	KL
640	Gallery Target & Test						3-8-91	DH
	A) Time						3-8-91	DH
	B) Malfunctions						3-8-91	DH
	C) Pierced Primers						3-8-91	DH
	D) Optical Clarity of Scope						3-8-91	DH
645	Inspect for Live Ammo						3-8-91	DH
655	Final Inspection							
	A) Headspace						3-11-91	DH
	B) Trigger Pull	2.18	2.15	2.48	2.30	2.46	3/11/91	JP
	C) Function						3-11-91	DH
660	Pack						3-20-91	DH

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

SERIAL NO. C6594662DATE 3-7-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.51	2.28	2.18	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.51	2.28	2.15	
PULL #3	2.46	2.22	2.38	2.48	
PULL #4	2.45	2.26	2.30	2.50	
PULL #5	2.49	2.27	2.31	2.46	
TOTAL			2.31		
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.38	3.23		
PULL #2	3.29	3.28		
PULL #3	3.29	3.28		
PULL #4	3.26	3.21		
PULL #5	3.25	3.24		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.34		4.32
PULL #2	4.26	4.34		4.18
PULL #3	4.20	4.29		4.31
PULL #4	4.50	4.31		4.31
PULL #5	4.40	4.31		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594662
8 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.289043
1 TO	2	.31712
1 TO	3	.326057
1 TO	4	.151162
1 TO	5	.137117

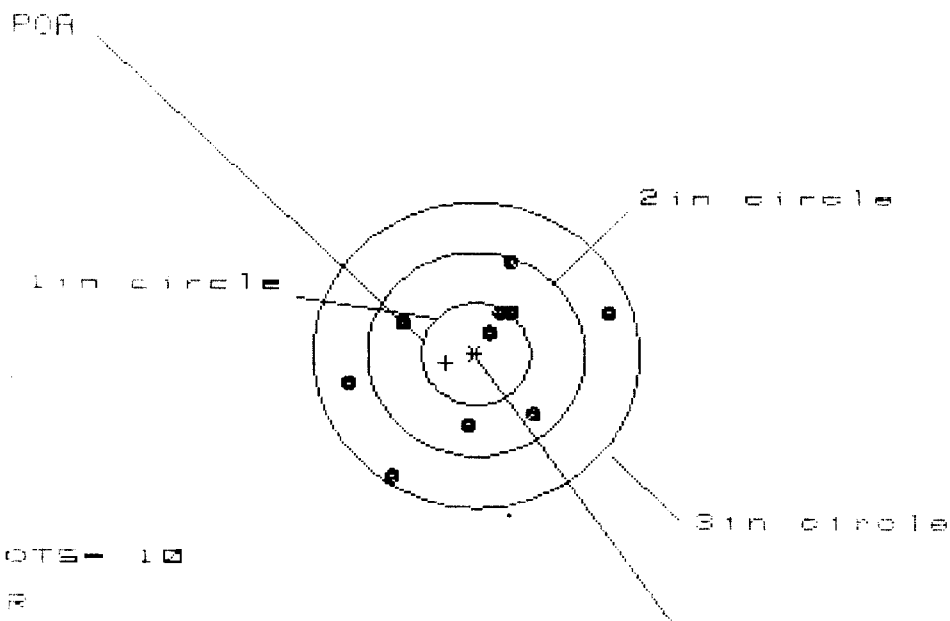
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1818
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.036
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .18533
THE AMR FOR THIS RIFLE IS: .8728

8 Mar 1951

FILE:/PATTERNING/CENTERFIRE_PATT/C6594662

CENTERFIRE PATTERNS 1



+ OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in - 10

HS= 2.336

VS= 2.063

GS= 2.575

CENTROID #

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.198	1.107	.566
MINIMUM X	:	-1.139	-1.229	-1.091
MAXIMUM Y	:	.862	.729	.762
MINIMUM Y	:	-1.201	-.773	-.740
CENTROID X	:	.275	.366	.228
CENTROID Y	:	.089	.222	.189
POA TO CENTROID in.	:	.290	.429	.296
MIN RADIUS	:	.219	.061	.178
MEAN RADIUS	:	.823	.709	.673
MAX RADIUS	:	1.453	1.285	1.143
HORIZONTAL SPREAD	:	2.336	2.336	1.657
VERTICAL SPREAD	:	2.063	1.502	1.502
EXTREME SPREAD	:	2.575	2.423	1.862
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594862

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.290

VS= 2.742

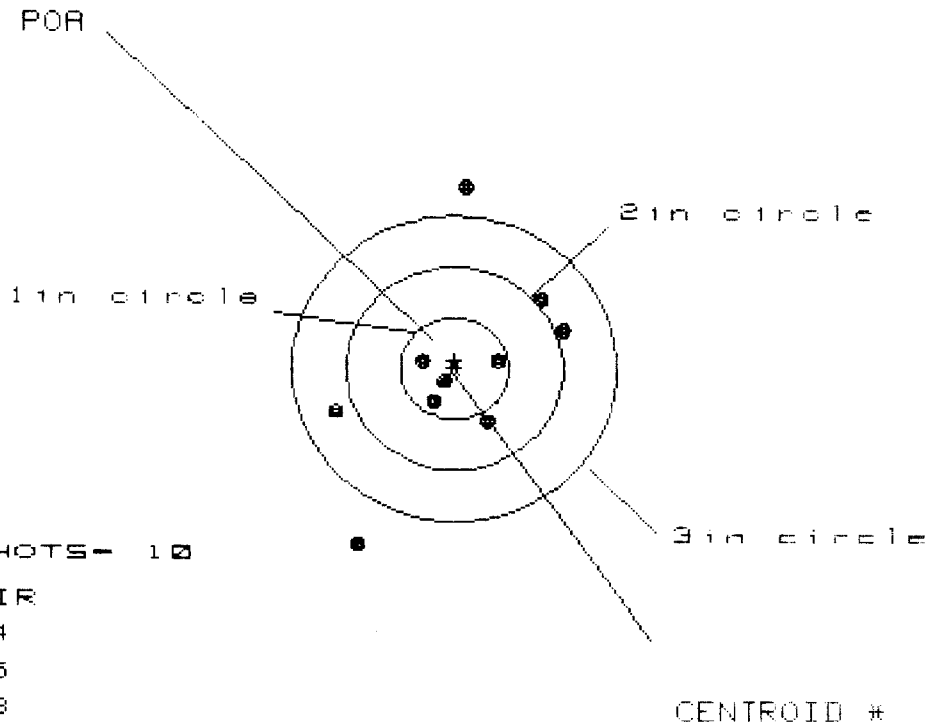
GS= 2.843

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.043	.923	.974
MINIMUM X	:	-1.247	-1.131	-1.080
MAXIMUM Y	:	1.216	1.024	.850
MINIMUM Y	:	-1.526	-1.391	-.716
CENTROID X	:	.213	.097	.046
CENTROID Y	:	-.222	-.357	-.183
POA TO CENTROID in.	:	.307	.370	.188
MIN RADIUS	:	.224	.208	.159
MEAN RADIUS	:	.918	.846	.738
MAX RADIUS	:	1.602	1.450	1.209
HORIZONTAL SPREAD	:	2.290	2.054	2.054
VERTICAL SPREAD	:	2.742	2.415	1.566
EXTREME SPREAD	:	2.843	2.540	2.119
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594662

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 5

3in = 8

HS= 2.015

VS= 3.449

GS= 3.575

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.963	.965	.859
MINIMUM X	:	-1.052	-1.150	-1.156
MAXIMUM Y	:	1.734	1.543	.725
MINIMUM Y	:	-1.715	-.670	-.477
CENTROID X	:	-.002	.096	.102
CENTROID Y	:	-.083	.108	-.085
POA TO CENTROID in.	:	.083	.144	.132
MIN RADIUS	:	.175	.341	.262
MEAN RADIUS	:	.881	.782	.646
MAX RADIUS	:	1.931	1.544	1.238
HORIZONTAL SPREAD	:	2.015	2.015	2.015
VERTICAL SPREAD	:	3.449	2.213	1.202
EXTREME SPREAD	:	3.575	2.444	2.195
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594662

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 2.425

VS= 2.313

GS= 2.701

CENTROID *

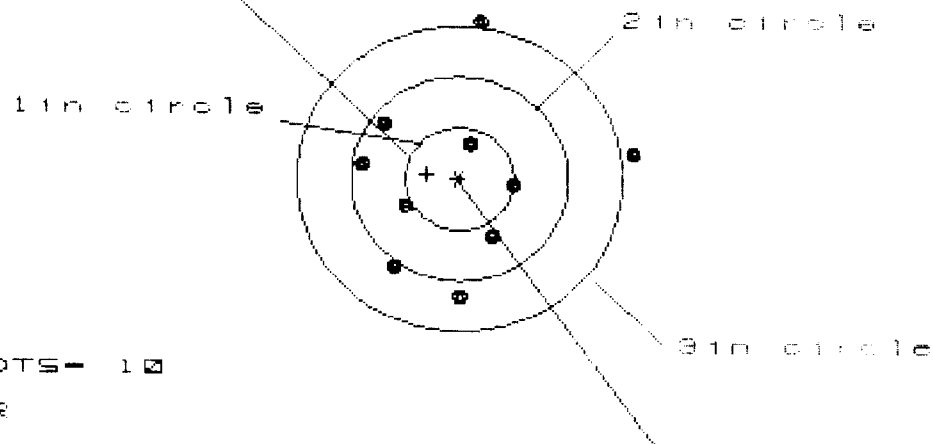
PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.330	.532	.533
MINIMUM X	:	-1.095	-.947	-.881
MAXIMUM Y	:	1.423	1.522	.854
MINIMUM Y	:	-.890	-.791	-.601
CENTROID X	:	.124	-.024	-.090
CENTROID Y	:	.082	-.017	-.207
POA TO CENTROID in.	:	.149	.029	.226
MIN RADIUS	:	.229	.222	.220
MEAN RADIUS	:	.820	.710	.558
MAX RADIUS	:	1.603	1.612	1.007
HORIZONTAL SPREAD	:	2.425	1.479	1.414
VERTICAL SPREAD	:	2.313	2.313	1.455
EXTREME SPREAD	:	2.701	2.478	1.673
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06534662

CENTERFIRE PATTERNS # 5

POR



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in - 8

HS- 2.550

VS- 2.642

GS- 2.654

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.632
MINIMUM X	-.918
MAXIMUM Y	1.515
MINIMUM Y	-1.127
CENTROID X	.299
CENTROID Y	-.046
POR TO CENTROID in.	.303
MIN RADIUS	.376
MEAN RADIUS	.922
MAX RADIUS	1.656
HORIZONTAL SPREAD	2.550
VERTICAL SPREAD	2.642
EXTREME SPREAD	2.654
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	8