

C6611751

MODEL 700TM M24

Model SMS TM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: **RE00061179**Serial: C6611751 Model 700 Center Fire Caliber:
7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 2/5/2003 5:12:31 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **CO C SUPPORT BATTALION****CO C SUPPORT BATTALION**Address 1: **1 ST SWTG (A)****1 ST SWTG (A)**Address 2: **ATTN ARMAMENT FAC**

PO Box:

ATTN ARMAMENT FAC

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

Poor

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

naglatj

2/6/2003

8:08 AM

CAPS

NUM

INS

SCPL

start

Index - Microsoft

Calendar - Microsoft

Share Show? - M...

Arms Services R...

8:08 AM

Serial Number: **C6611751**Model: **700****RE00061179**

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611751.___0

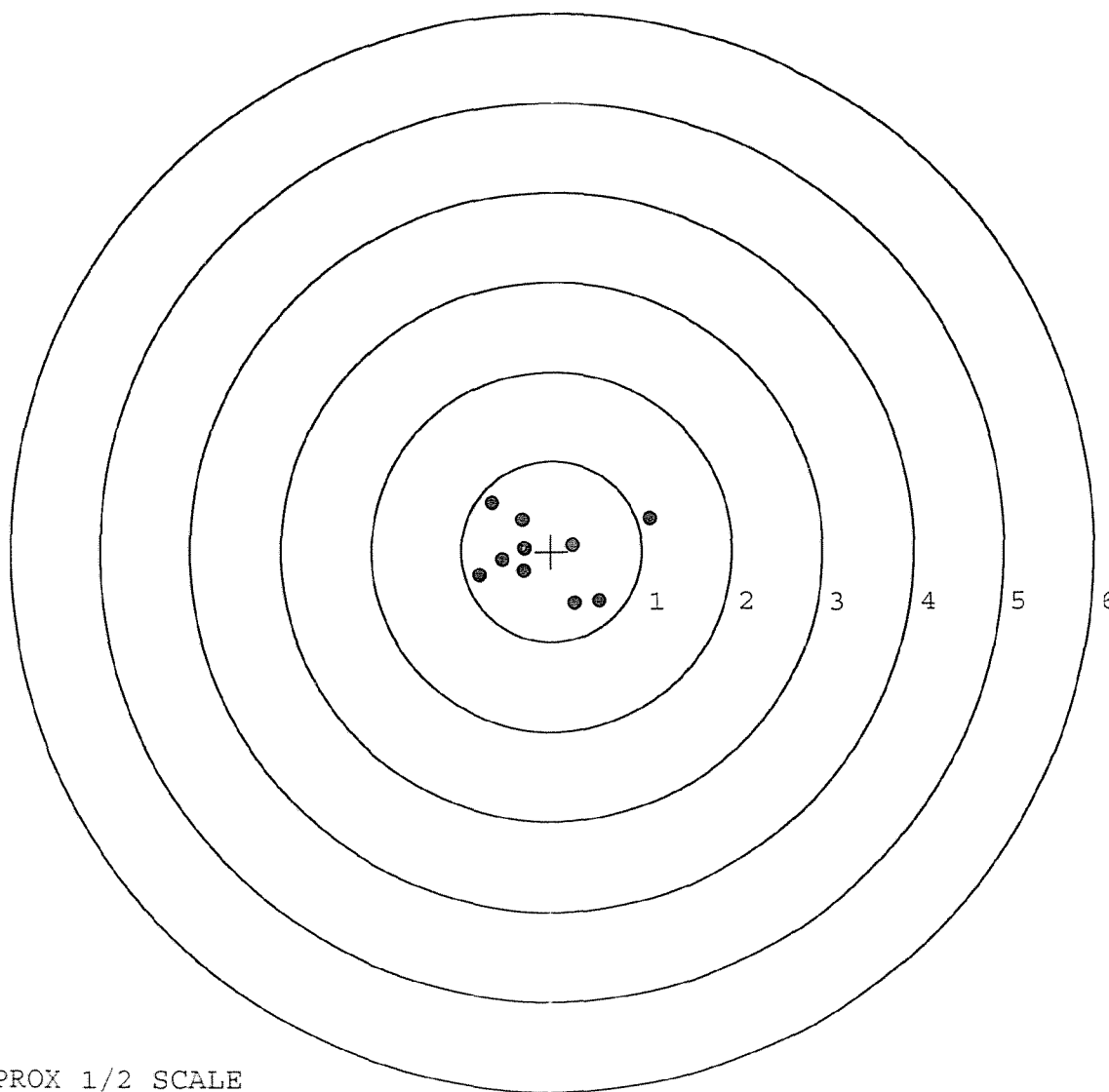
FILE DATE AND TIME: 03/11/2003 11:28

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.031
The Average Y Centroid of the Five Target Set:	-0.043
The Average Point of Impact of the Five Target Set:	0.053
The Average Mean Radius of the Five Target Set:	0.568
The Distance from POA to Centroid Target #1:	0.092
The Distance from Centroid Target #2 to Centroid Target #1:	0.073
The Distance from Centroid Target #3 to Centroid Target #1:	0.099
The Distance from Centroid Target #4 to Centroid Target #1:	0.082
The Distance from Centroid Target #5 to Centroid Target #1:	0.171

BARBER - M24 0035351

SERIAL NUMBER: C6611751. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.528	-0.548
FILE DATE: 03/11/2003	2:	0.259	-0.578
FILE TIME: 11:28	3:	0.239	0.068
	4:	1.085	0.361
X CENTROID: -0.084	5:	-0.661	0.527
Y CENTROID: -0.037	6:	-0.331	0.348
POA TO CENTROID: 0.092	7:	-0.799	-0.268
HORZ SPREAD: 1.884	8:	-0.544	-0.099
VERT SPREAD: 1.105	9:	-0.312	-0.216
GROUP SPREAD: 1.986	10:	-0.305	0.037
MIN RADIUS: 0.233			
MAX RADIUS: 1.235			
MEAN RADIUS: 0.601			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



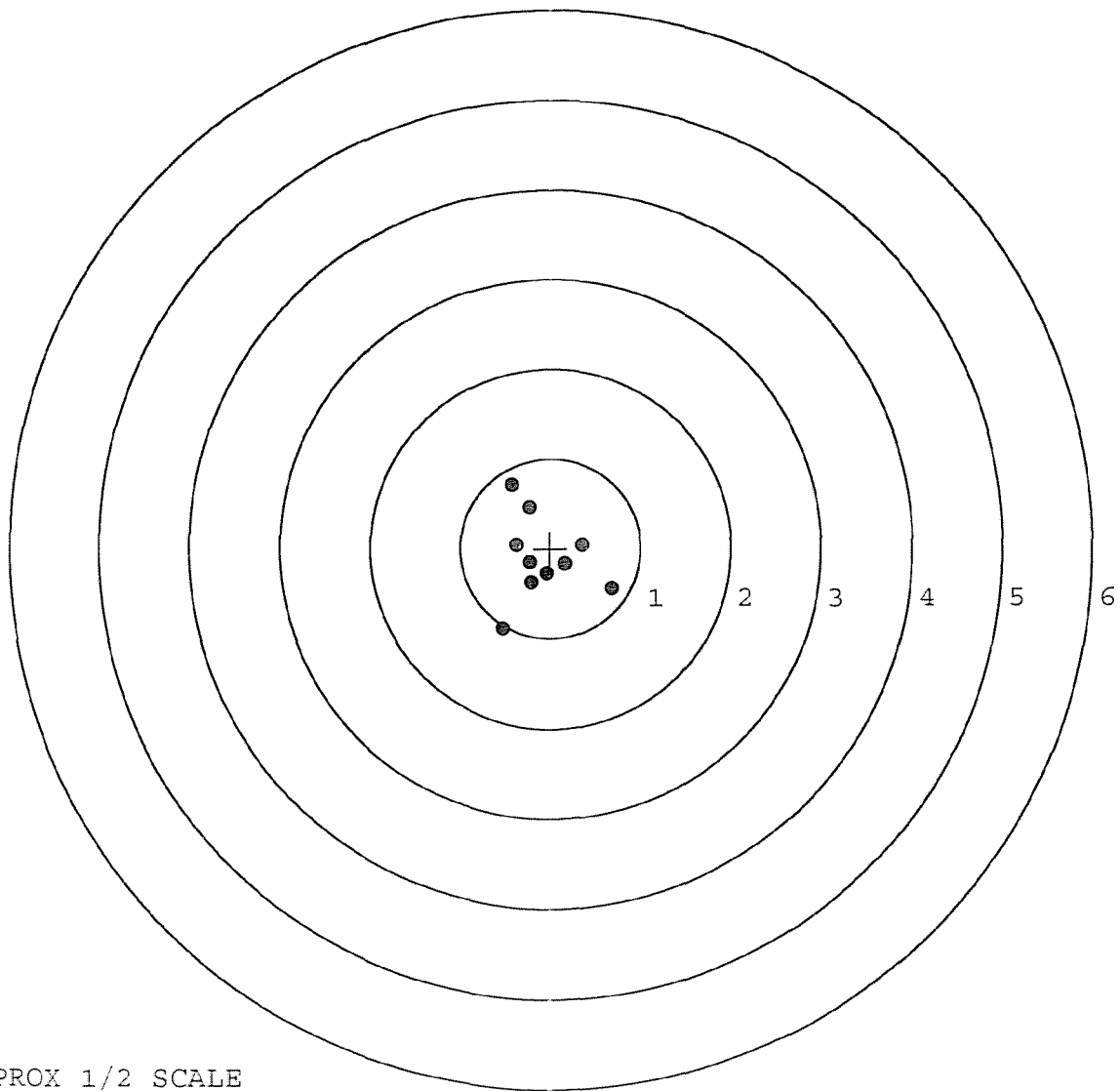
TARGET APPROX 1/2 SCALE

BARBER - M24 0035352

SERIAL NUMBER: C6611751. __0
 TARGET NUMBER: 2
 FILE DATE: 03/11/2003
 FILE TIME: 11:28

POINT#	X	Y
1:	0.684	-0.450
2:	0.355	0.045
3:	0.166	-0.177
4:	-0.532	-0.895
5:	-0.234	0.456
6:	-0.431	0.709
7:	-0.379	0.044
8:	-0.233	-0.156
9:	-0.214	-0.385
10:	-0.040	-0.285

X CENTROID: -0.086
 Y CENTROID: -0.109
 POA TO CENTROID: 0.139
 HORZ SPREAD: 1.216
 VERT SPREAD: 1.604
 GROUP SPREAD: 1.607
 MIN RADIUS: 0.154
 MAX RADIUS: 0.903
 MEAN RADIUS: 0.492
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611751. __ 0

TARGET NUMBER: 3

FILE DATE: 03/11/2003

FILE TIME: 11:28

POINT#	X	Y
1:	0.809	-0.407
2:	0.400	0.240
3:	0.208	0.444
4:	0.028	0.552
5:	-0.504	0.544
6:	-0.841	0.091
7:	-0.584	-0.126
8:	-0.205	-0.241
9:	-0.048	-0.122
10:	0.181	-0.391

X CENTROID: -0.056

Y CENTROID: 0.058

POA TO CENTROID: 0.081

HORZ SPREAD: 1.650

VERT SPREAD: 0.959

GROUP SPREAD: 1.724

MIN RADIUS: 0.181

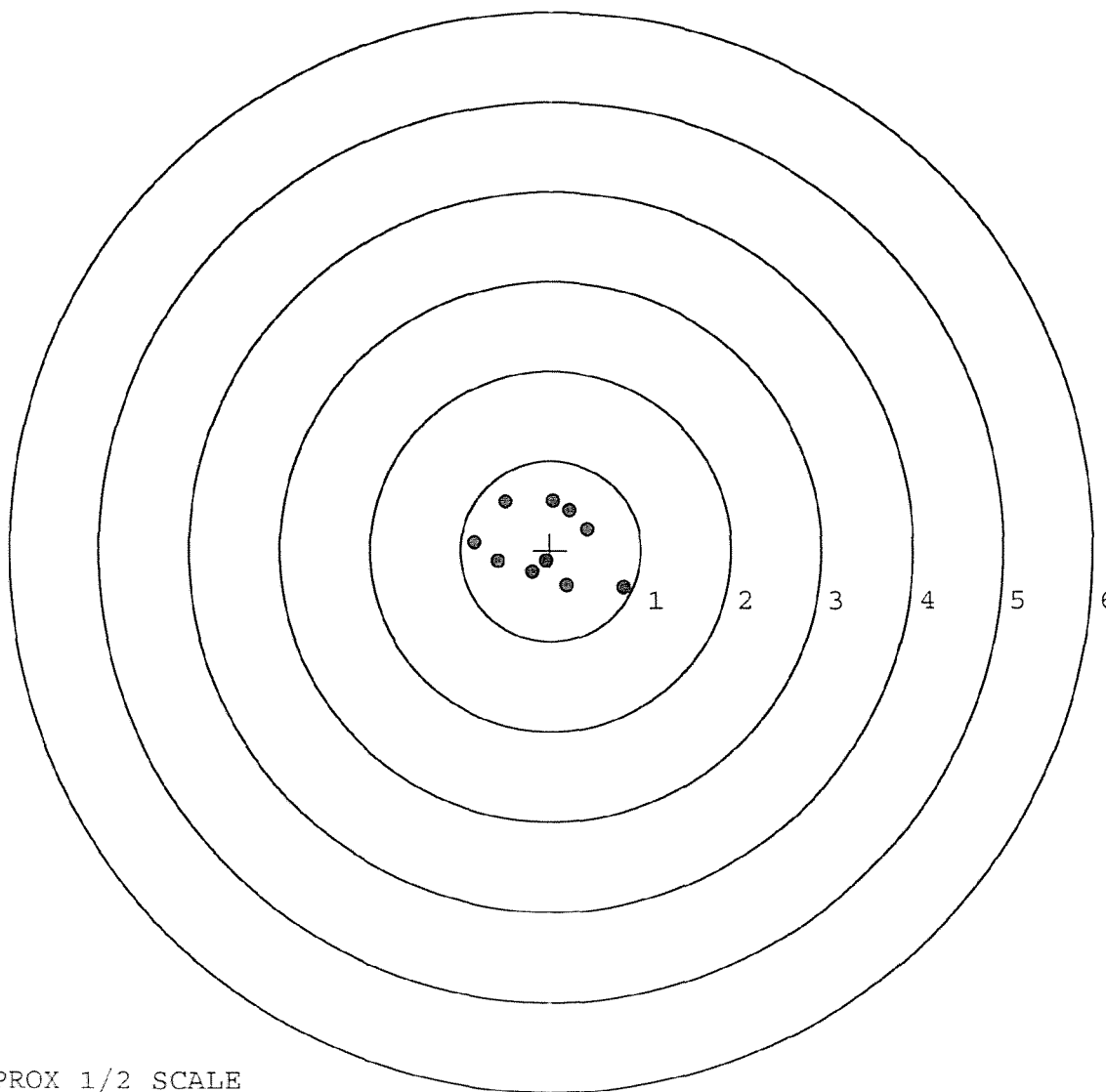
MAX RADIUS: 0.982

MEAN RADIUS: 0.547

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



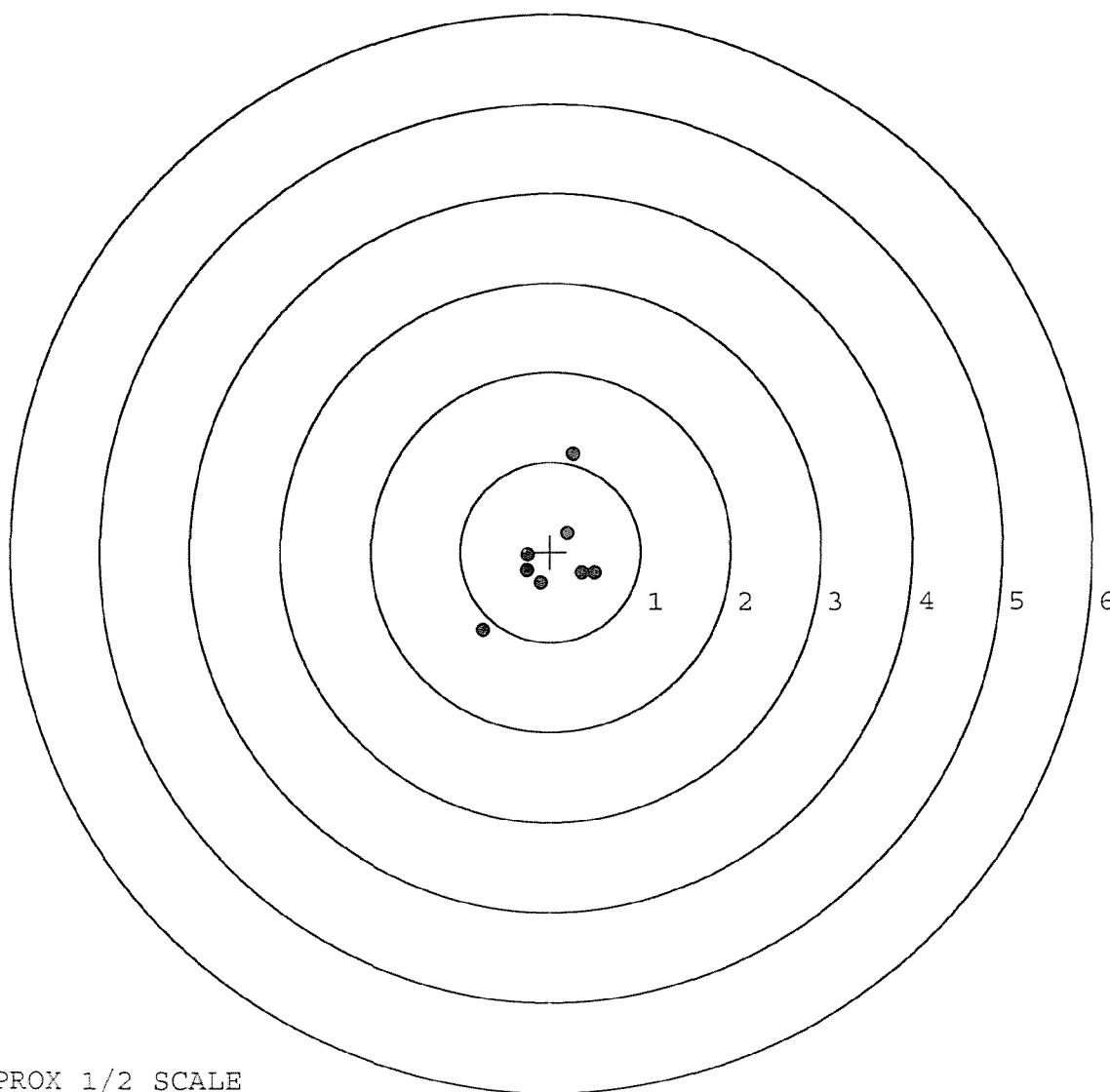
TARGET APPROX 1/2 SCALE

BARBER - M24 0035354

SERIAL NUMBER: C6611751. __0
 TARGET NUMBER: 4
 FILE DATE: 03/11/2003
 FILE TIME: 11:28

POINT#	X	Y
1:	-0.752	-0.873
2:	0.347	-0.237
3:	0.487	-0.236
4:	0.186	0.212
5:	0.247	1.087
6:	-0.254	-0.037
7:	-0.266	-0.210
8:	-0.112	-0.349

X CENTROID: -0.015
 Y CENTROID: -0.080
 POA TO CENTROID: 0.082
 HORZ SPREAD: 1.239
 VERT SPREAD: 1.960
 GROUP SPREAD: 2.200
 MIN RADIUS: 0.243
 MAX RADIUS: 1.196
 MEAN RADIUS: 0.546
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

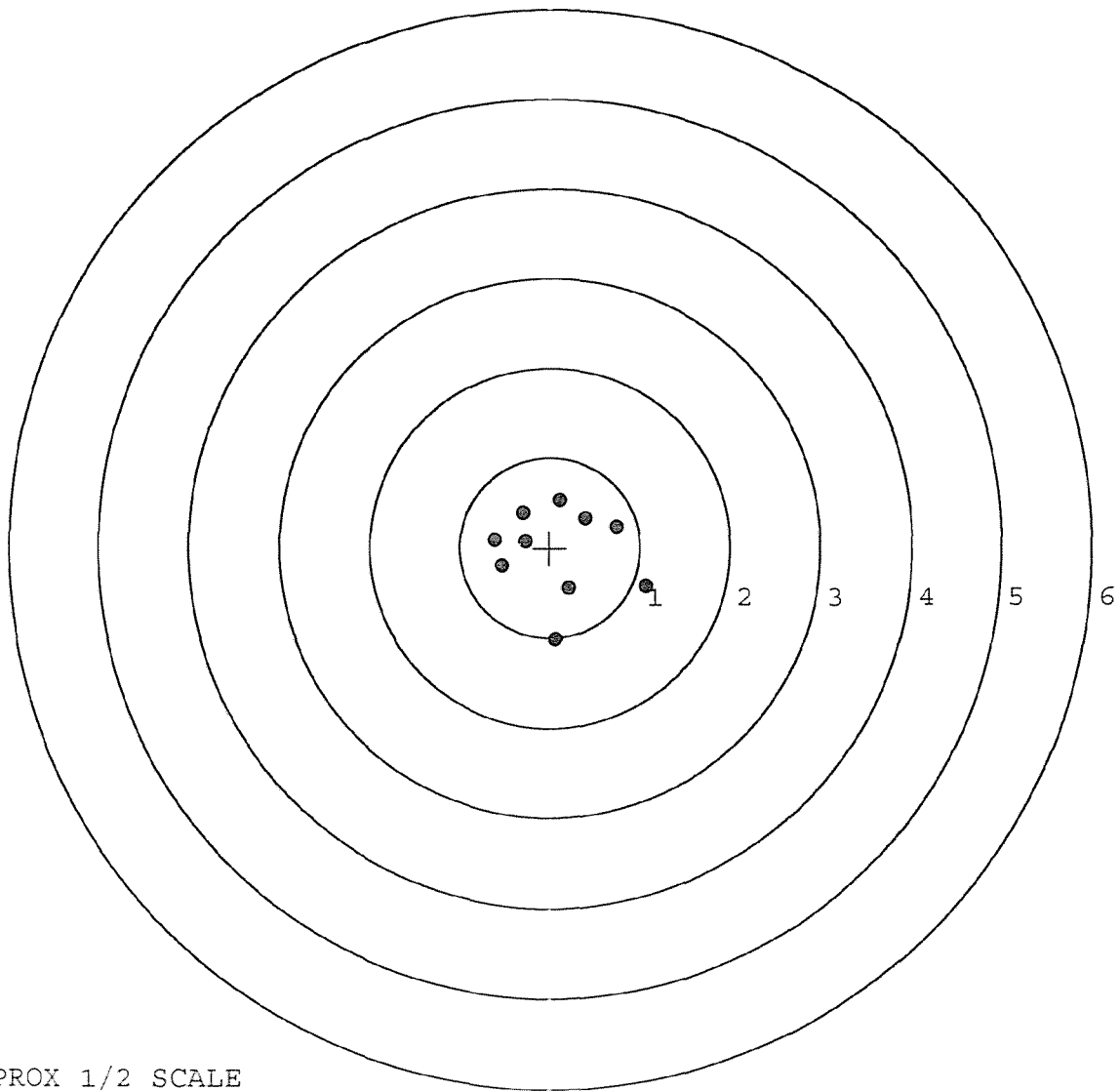


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611751. __0
 TARGET NUMBER: 5
 FILE DATE: 03/11/2003
 FILE TIME: 11:28

POINT#	X	Y
1:	1.062	-0.430
2:	0.066	-1.024
3:	0.212	-0.453
4:	0.734	0.227
5:	0.389	0.332
6:	0.112	0.529
7:	-0.301	0.392
8:	-0.272	0.075
9:	-0.608	0.089
10:	-0.530	-0.201

X CENTROID: 0.086
 Y CENTROID: -0.046
 POA TO CENTROID: 0.098
 HORZ SPREAD: 1.670
 VERT SPREAD: 1.553
 GROUP SPREAD: 1.749
 MIN RADIUS: 0.378
 MAX RADIUS: 1.048
 MEAN RADIUS: 0.652
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0035395 INSPECTION CHECKLIST M-24 REPAIRS
CONTRACT #: DAAE-20-02-D-0127

SERIAL # C661751

INSPECTED BY: RJL

DATE REC'D: 2-5-03

DATE RET'D: 3-10-03

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☒ SCOPE
☒ SCOPE RINGS
☒ MOUNTING SCREWS
☒ MOUNTING BASE
☒ SCREWS
☒ FINISH
☒ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☒ SCOPE CASE
☒ IRON SIGHTS
☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

INITIAL & CYCLE TESTS

BARBER - M24 0035357

3.00# ± .75#

4.00# ± 1.00#

DATE 2-10-03

TESTER

TRL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.18		2.13	MIN. SETTING
PULL #2	2.60	2.26		2.15	NO AVG. OF 5
PULL #3	2.38	2.34		2.14	READINGS ACCEPT
PULL #4	2.45	2.43		2.15	ABLE LESS THAN
PULL #5	2.41	2.28		2.23	
TOTAL	12.23	11.49		10.80	
AVG.	2.44	2.29		2.16	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.20		
PULL #2	3.20	3.18		
PULL #3	3.18	3.09		
PULL #4	3.24	3.37		
PULL #5	3.21	3.27		
TOTAL	16.04	16.11		
AVG.	3.20	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# & TARGET & ACCU
PULL #1	4.37	4.11		4.14
PULL #2	4.10	4.06		4.22
PULL #3	4.16	4.20		4.32
PULL #4	4.25	4.11		4.20
PULL #5	4.27	4.06		4.14
TOTAL	21.15	20.54		21.02
AVG.	4.23	4.10		4.20

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

R & E NUMBER	61179		
SERIAL NUMBER	C6611751		
LOG-IN DATE	2-5-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-10-03	RW
560 A	RE-BARREL	2-11-03	RTL
B	DRILL AND TAP	2-20-03	TRW
575	ASSEMBLE	2-13-03	RTL
600	PROOF	2-13-03	AC
605	CHECK HEADSPACE	2-13-03	AC
610	DIS-ASSEMBLE GUN	2-14-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	2/19/03	BS
618	ROTO-BLAST	2-26-03	ATG
620	APPLY COATINGS	3-3	TH
625 A	FINAL ASSEMBLY	3-6-03	RTL
B	TRIGGER PULL TEST	3-10-03	RTL
C	SAFETY "ON" FORCE	3-10-03	RTL
D	SAFETY "OFF" FORCE	3-10-03	RTL
E	FIRING PIN INDENT		
640	TARGET	3-10-03	AC
655	FINAL INSPECT	3-10-03	RTL
660	PACK	3-11-03	RA
		SHIP DATE	
QAR INSPECTION DATE			

Remington[®]

MODEL 700[™] 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.

DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6611751

ORDER NO.
5716

UPC

0 47700 25716 7

5716 C6611751

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611751

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10 91		RW
600	Proof	1 10 91		RW
607	Check Headspace	1 10 91		RW
610	Dis-assemble Gun	1 10 91		RW
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	LS
617	Drill and Tap Sight Holes	1 17 91		LB
618	Polish Barrel	1 17 91		WB
620	Apply Coatings (Barrel Action)		2-12-91	TD
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3-6-91	SM

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			3/6/91	WB
	G) Safety Off Force	7 1/2	7 1/2	7 1/2			3/6/91	WB
	H) Trigger Pull Test & Retainability						3-6-91	9H
	I) Firing Pin Indent	.022	.0225	.022			3/6/91	WB
	J) Assemble Stock						3/6/91	RW
	K) Assemble Swivel Studs						3-12-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/6/91	RW
	M) Iron Sight Alignment						3/6/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/6/91	RW
	O) Attach Scope to Rifle						3/6/91	RW
	P) Detach & Attach Scope 20 Times						3/6/91	RW
640	Gallery Target & Test						3/6/91	KJ
	A) Time							12
	B) Malfunctions							12
	C) Pierced Primers							12
	D) Optical Clarity of Scope							12
645	Inspect for Live Ammo						3/6/91	12
655	Final Inspection							
	A) Headspace						3-12-91	D/H
	B) Trigger Pull	2.27	2.27	2.27	2.32	2.36	3/11/91	9H.
	C) Function						3-12-91	D/H
660	Pack						3-20-91	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611751

DATE 3-6-91

TESTER JFF

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.48	2.50	2.27	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.49	2.48	2.27	
PULL #3	2.50	2.46	2.46	2.27	
PULL #4	2.47	2.47	2.46	2.32	
PULL #5	2.49	2.51	2.50	2.36	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.38		
PULL #2	3.42	3.35		
PULL #3	3.36	3.35		
PULL #4	3.36	3.36		
PULL #5	3.34	3.32		
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	4.17		4.37
PULL #2	4.15	4.16		4.42
PULL #3	4.22	4.19		4.45
PULL #4	4.15	4.18		4.46
PULL #5	4.20	4.20		4.45
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611751
2 Mar 1991

CENTROIDAL DISTANCES

0 TO 1	.105019
1 TO 2	.24287
1 TO 3	.44911
1 TO 4	.0733348
1 TO 5	.149013

←--- POA

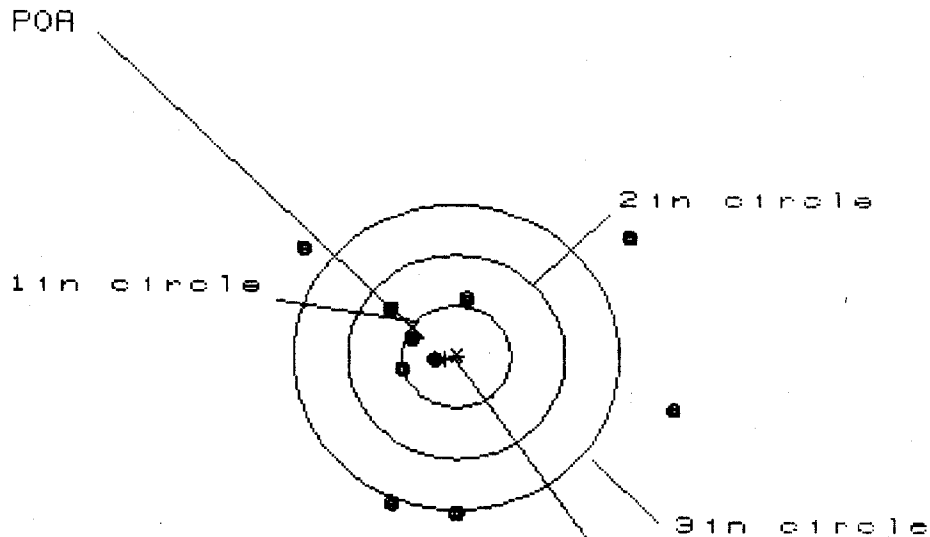
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0046
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1242
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .124285

THE AMP FOR THIS RIFLE IS: 1.065

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611751

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 6

HS= 3.428

VS= 2.665

GS= 3.785

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.001	1.827	.587
MINIMUM X	:	-1.427	-1.205	-.976
MAXIMUM Y	:	1.171	1.117	1.202
MINIMUM Y	:	-1.494	-1.548	-1.408
CENTROID X	:	.102	-.120	-.349
CENTROID Y	:	.025	.079	-.061
POA TO CENTROID in.	:	.105	.144	.354
MIN RADIUS	:	.219	.074	.057
MEAN RADIUS	:	1.153	.974	.816
MAX RADIUS	:	2.060	2.142	1.548
HORIZONTAL SPREAD	:	3.428	3.032	1.563
VERTICAL SPREAD	:	2.665	2.665	2.610
EXTREME SPREAD	:	3.785	3.460	2.981
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611751

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 2

3 in = 6

HS = 2.700

VS = 4.562

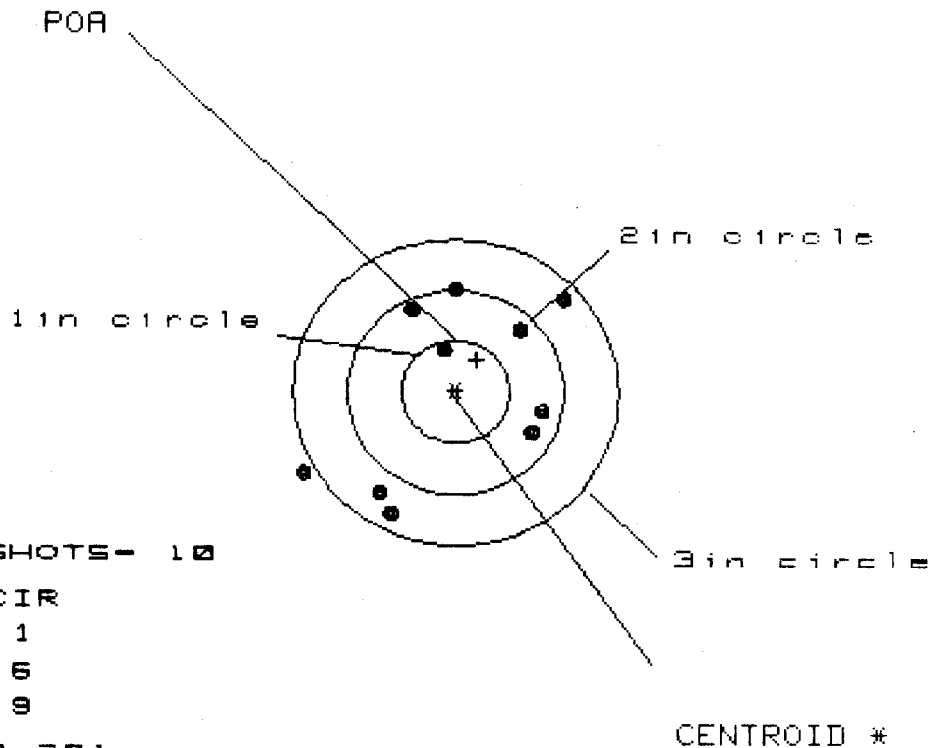
GS = 4.624

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.419	1.360	1.192
MINIMUM X	:	-1.281	-1.340	-1.485
MAXIMUM Y	:	1.990	1.705	.851
MINIMUM Y	:	-2.571	-1.239	-1.026
CENTROID X	:	-.003	.055	.223
CENTROID Y	:	-.194	.092	-.121
POA TO CENTROID in.	:	.194	.107	.253
MIN RADIUS	:	.448	.265	.258
MEAN RADIUS	:	1.409	1.240	1.108
MAX RADIUS	:	2.625	2.168	1.541
HORIZONTAL SPREAD	:	2.700	2.700	2.677
VERTICAL SPREAD	:	4.562	2.944	1.877
EXTREME SPREAD	:	4.624	3.907	2.946
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		6	

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611751

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.381

VS= 2.208

QS= 2.919

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.014	.863	.768
MINIMUM X	:	-1.367	-.875	-.970
MAXIMUM Y	:	.983	.891	.727
MINIMUM Y	:	-1.225	-1.317	-1.254
CENTROID X	:	-.196	-.045	.050
CENTROID Y	:	-.311	-.220	-.056
POA TO CENTROID in.	:	.368	.225	.075
MIN RADIUS	:	.395	.390	.379
MEAN RADIUS	:	1.022	.925	.811
MAX RADIUS	:	1.593	1.520	1.586
HORIZONTAL SPREAD	:	2.381	1.738	1.738
VERTICAL SPREAD	:	2.208	2.208	1.981
EXTREME SPREAD	:	2.919	2.649	2.551
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CG611751

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS = 1.752

VS = 2.779

GS = 2.815

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.336	1.370	.260
MINIMUM X	:	-.416	-.382	-.211
MAXIMUM Y	:	1.011	.815	.800
MINIMUM Y	:	-1.768	-1.112	-1.127
CENTROID X	:	.109	.075	-.096
CENTROID Y	:	-.048	.148	.163
POA TO CENTROID in.	:	.119	.166	.189
MIN RADIUS	:	.252	.144	.043
MEAN RADIUS	:	.759	.582	.418
MAX RADIUS	:	1.794	1.375	1.141
HORIZONTAL SPREAD	:	1.752	1.752	.471
VERTICAL SPREAD	:	2.779	1.927	1.927
EXTREME SPREAD	:	2.815	1.930	1.930
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		

6 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611751

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS = 2.231

VS = 2.460

GS = 3.082

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.029	.895	.958
MINIMUM X	:	-1.202	-.978	-.866
MAXIMUM Y	:	1.212	1.027	.930
MINIMUM Y	:	-1.248	-1.113	-1.210
CENTROID X	:	.011	.145	.033
CENTROID Y	:	-.093	-.228	-.131
POA TO CENTROID in.	:	.094	.270	.135
MIN RADIUS	:	.129	.274	.161
MEAN RADIUS	:	.984	.908	.847
MAX RADIUS	:	1.707	1.291	1.232
HORIZONTAL SPREAD	:	2.231	1.873	1.824
VERTICAL SPREAD	:	2.460	2.140	2.140
EXTREME SPREAD	:	3.082	2.477	2.216
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	4		
NUMBER IN THREE INCH CIRCLE	=	9		