

C6611466

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in. chamber.



Still
Shooting

Repair Inquiry

Repair Number: RE00062745

Serial: C6611466 Model 700 Center Fire Caliber:
308 M24 SWS

Repairman:

Verify Repair

Status:

Closed 3/7/2003 12:03:40 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: P.B.O. MAT MGMT SEC PMB RLBC

P.B.O. MAT MGMT SEC PMB RLBC

Address 1: 2105 9TH ST BLDG 4189 BAY C DOOR 12

2105 9TH ST BLDG 4189 BAY C DOOR 12

Address 2: PO Box:

PO Box:

City: FORT SAM HOUSTON

FORT SAM HOUSTON

State: TX

Zip Code: 78234

Country: US

State: TX

Zip Code: 78234

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Herd Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
B000	FRONT AND REAR B.	1
B001	CLEANING KIT	1

Repair Search

Refresh

Close

naglelj

3/7/2003

1:05 PM

CAPS

NUM

INS

SCRL

start

S-Micro

S-Inter

Part Sear...

Arms Ser...

S-Micro

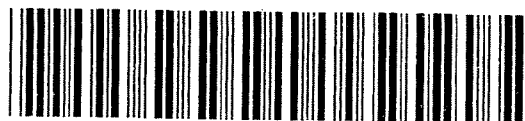
Microsoft

1:05 PM

Serial
Number:

C6611466

Model: 700



RE00062745

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611466.___0
FILE DATE AND TIME: 03/22/2003 10:58

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

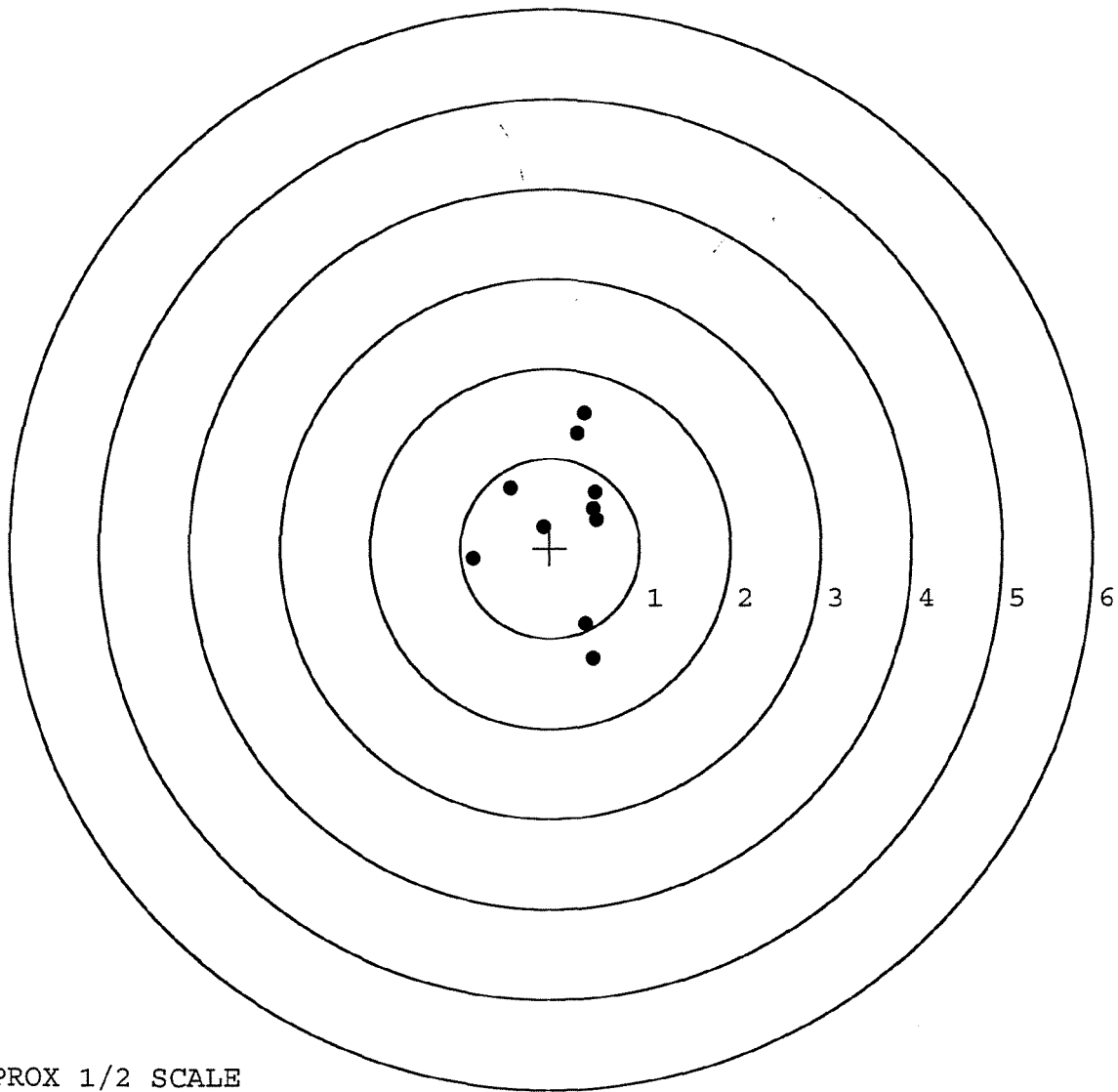
The Average X Centroid of the Five Target Set:	0.002
The Average Y Centroid of the Five Target Set:	0.029
The Average Point of Impact of the Five Target Set:	0.029
The Average Mean Radius of the Five Target Set:	0.727
The Distance from POA to Centroid Target #1:	0.337
The Distance from Centroid Target #2 to Centroid Target #1:	0.473
The Distance from Centroid Target #3 to Centroid Target #1:	0.318
The Distance from Centroid Target #4 to Centroid Target #1:	0.416
The Distance from Centroid Target #5 to Centroid Target #1:	0.381

BARBER - M24 0077378

SERIAL NUMBER: C6611466. __0
 TARGET NUMBER: 1
 FILE DATE: 03/22/2003
 FILE TIME: 10:58

POINT#	X	Y
1:	-0.446	0.669
2:	-0.067	0.235
3:	0.377	1.504
4:	0.503	0.632
5:	0.485	0.441
6:	0.519	0.326
7:	0.398	-0.844
8:	0.492	-1.226
9:	-0.854	-0.114
10:	0.306	1.282

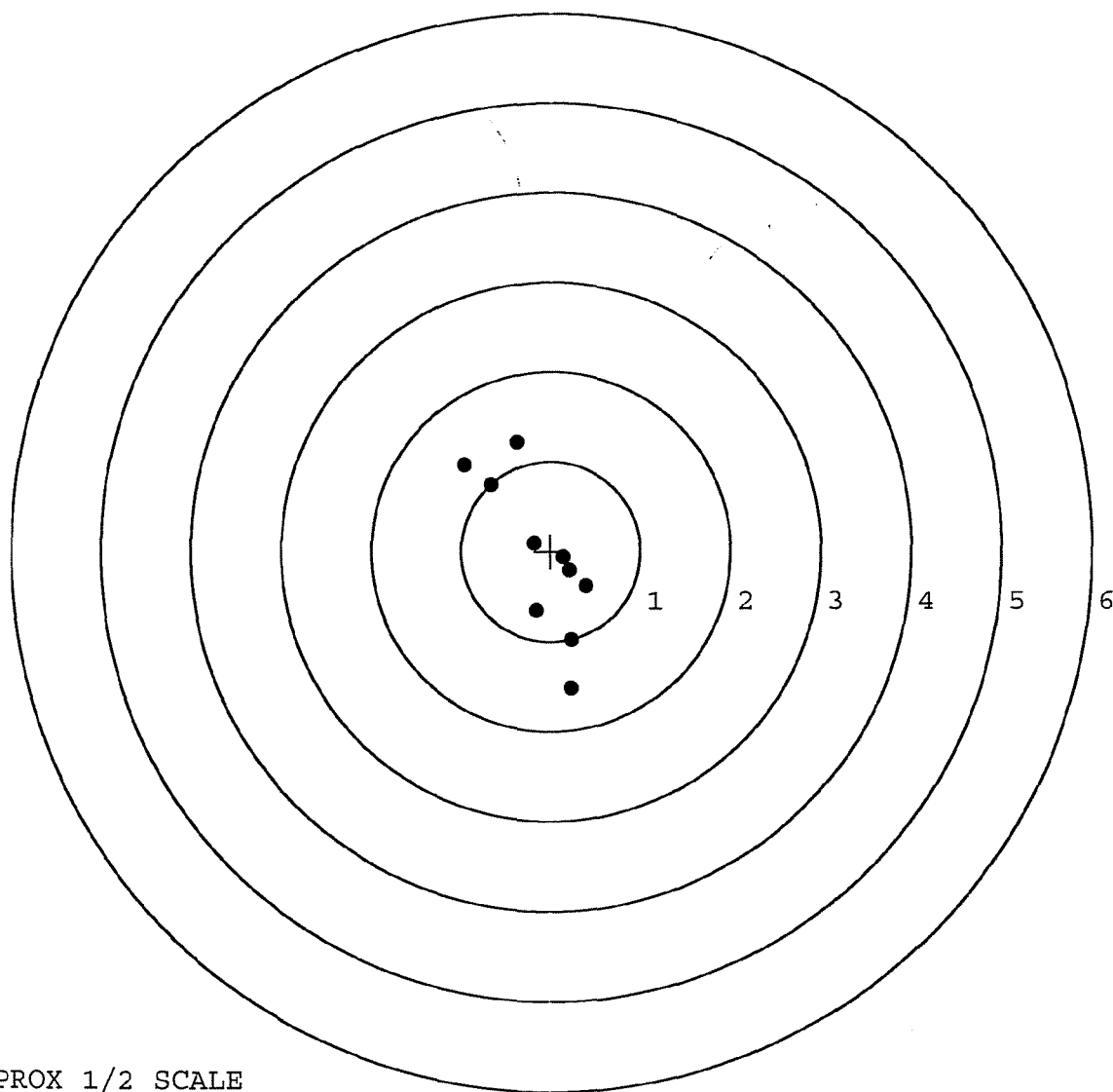
X CENTROID: 0.171
 Y CENTROID: 0.290
 POA TO CENTROID: 0.337
 HORZ SPREAD: 1.373
 VERT SPREAD: 2.730
 GROUP SPREAD: 2.732
 MIN RADIUS: 0.245
 MAX RADIUS: 1.550
 MEAN RADIUS: 0.818
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0077379

SERIAL NUMBER: C6611466. 0	POINT#	X	Y
TARGET NUMBER: 2	1:	0.229	-1.529
FILE DATE: 03/22/2003	2:	0.235	-0.990
FILE TIME: 10:58	3:	-0.162	-0.662
	4:	-0.960	0.955
X CENTROID: -0.115	5:	-0.673	0.737
Y CENTROID: -0.086	6:	-0.386	1.216
POA TO CENTROID: 0.144	7:	-0.183	0.091
HORZ SPREAD: 1.354	8:	0.146	-0.072
VERT SPREAD: 2.745	9:	0.208	-0.216
GROUP SPREAD: 2.813	10:	0.394	-0.390
MIN RADIUS: 0.190			
MAX RADIUS: 1.483			
MEAN RADIUS: 0.809			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0077380

SERIAL NUMBER: C6611466. 0

TARGET NUMBER: 3

FILE DATE: 03/22/2003

FILE TIME: 10:58

POINT#	X	Y
1:	0.898	-0.037
2:	0.358	-0.926
3:	0.098	0.106
4:	-0.570	-0.281
5:	-0.568	-0.837
6:	-1.156	-0.263
7:	-0.255	0.590
8:	0.488	0.711
9:	0.287	0.743
10:	0.147	0.620

X CENTROID: -0.027

Y CENTROID: 0.043

POA TO CENTROID: 0.051

HORZ SPREAD: 2.054

VERT SPREAD: 1.669

GROUP SPREAD: 2.066

MIN RADIUS: 0.140

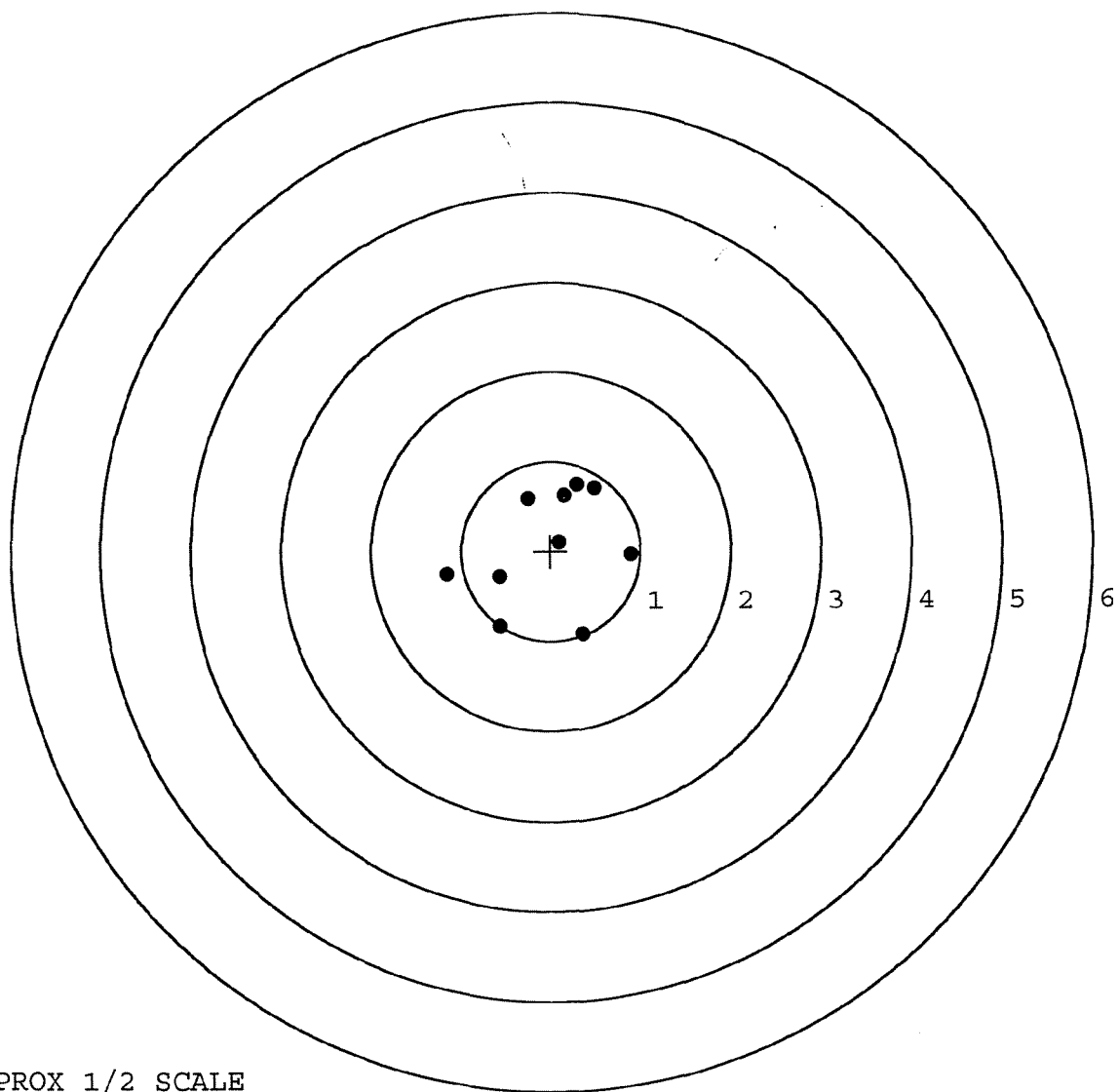
MAX RADIUS: 1.169

MEAN RADIUS: 0.775

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

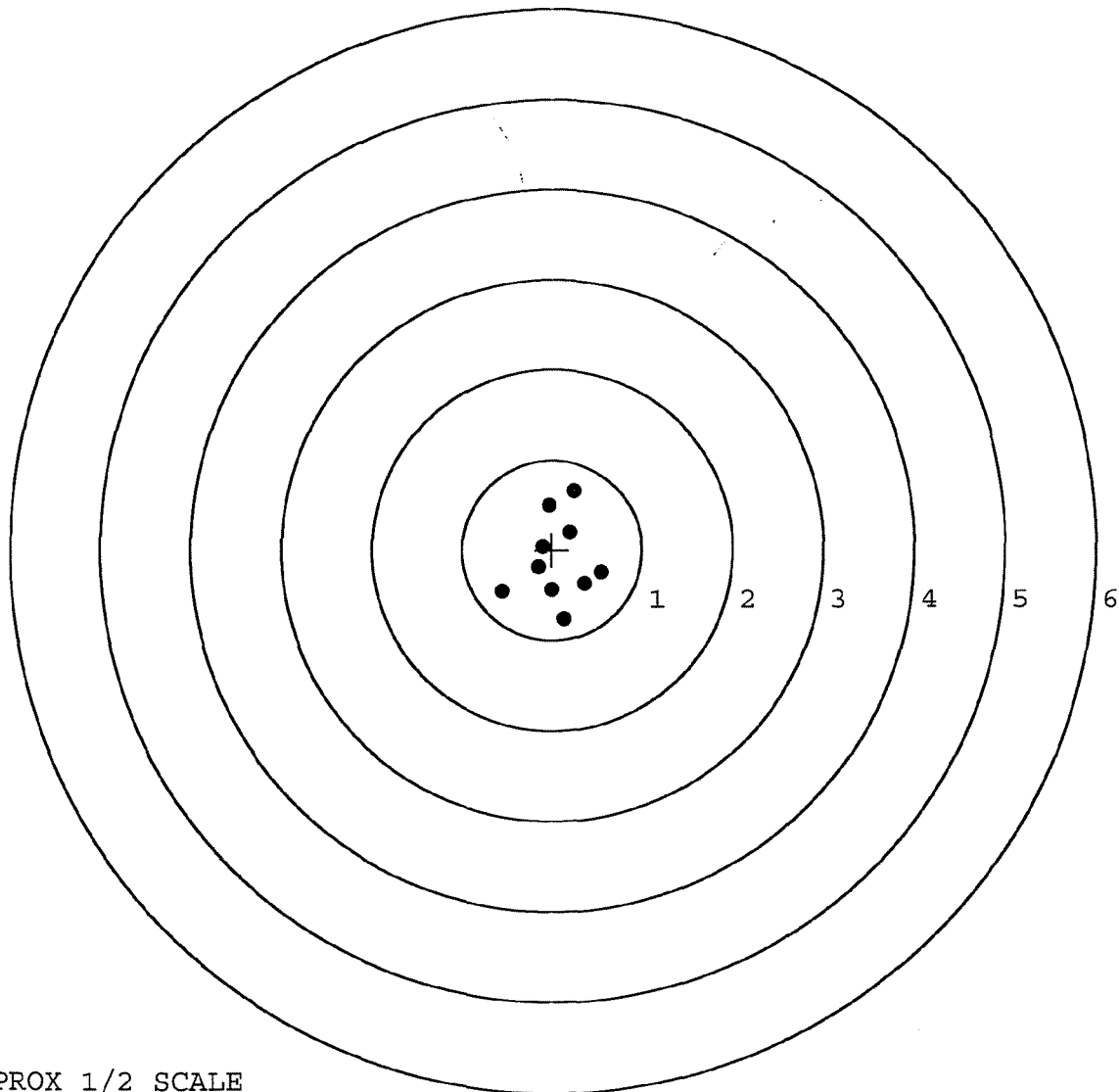
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

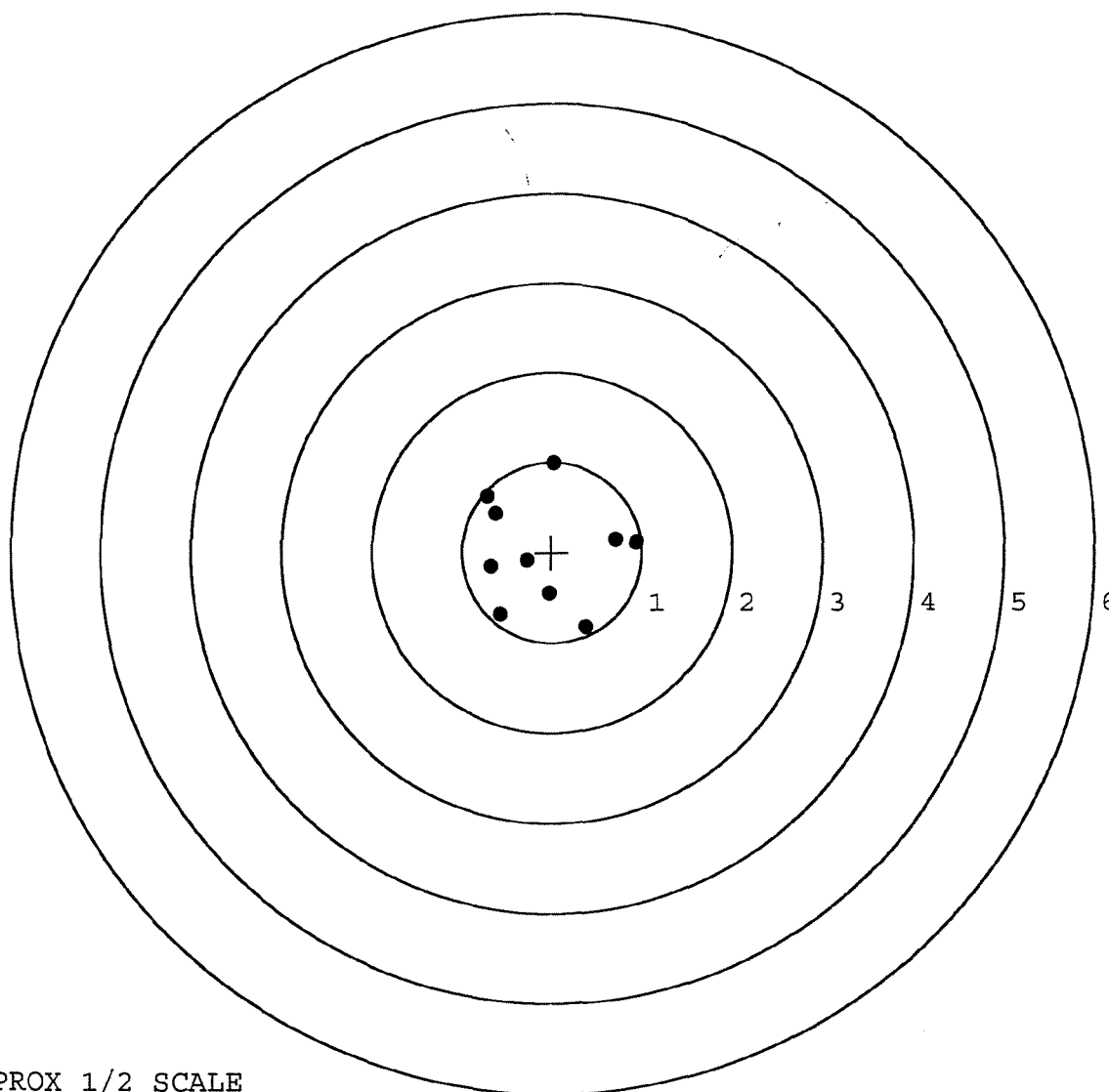
BARBER - M24 0077381

SERIAL NUMBER: C6611466. 0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.134	-0.774
FILE DATE: 03/22/2003	2:	0.547	-0.249
FILE TIME: 10:58	3:	0.362	-0.379
	4:	0.005	-0.449
X CENTROID: 0.064	5:	-0.554	-0.464
Y CENTROID: -0.112	6:	-0.149	-0.196
POA TO CENTROID: 0.129	7:	-0.103	0.038
HORZ SPREAD: 1.101	8:	0.199	0.196
VERT SPREAD: 1.433	9:	-0.040	0.498
GROUP SPREAD: 1.437	10:	0.243	0.659
MIN RADIUS: 0.225			
MAX RADIUS: 0.791			
MEAN RADIUS: 0.482			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611466. __0	POINT#	X	Y
TARGET NUMBER: 5	1:	0.385	-0.830
FILE DATE: 03/22/2003	2:	-0.027	-0.455
FILE TIME: 10:58	3:	-0.276	-0.087
	4:	-0.578	-0.692
X CENTROID: -0.085	5:	-0.676	-0.155
Y CENTROID: 0.009	6:	-0.632	0.431
POA TO CENTROID: 0.086	7:	-0.726	0.622
HORZ SPREAD: 1.672	8:	0.021	0.990
VERT SPREAD: 1.820	9:	0.712	0.149
GROUP SPREAD: 1.746	10:	0.946	0.118
MIN RADIUS: 0.214			
MAX RADIUS: 1.037			
MEAN RADIUS: 0.752			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.46		2.18	MIN. SETTING,
PULL #2	2.32	2.33		2.09	NO AVG. OF 5
PULL #3	2.39	2.26		2.12	READINGS ACCEPT
PULL #4	2.40	2.20		2.16	ABLE LESS THAN
PULL #5	2.34	2.15		2.12	
TOTAL	11.79	11.40		10.67	
AVG.	2.35	2.28		2.13	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.32	3.39		
PULL #2	3.02	3.32		
PULL #3	3.28	3.22		
PULL #4	3.18	3.14		
PULL #5	3.26	3.12		
TOTAL	16.06	16.19		
AVG.	3.21	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# TARGET & ACCU
PULL #1	4.19	4.45		4.24
PULL #2	4.11	4.42		4.21
PULL #3	4.00	4.28		4.04
PULL #4	3.98	4.24		4.39
PULL #5	4.10	4.25		4.34
TOTAL	20.38	21.64		21.22
AVG.	4.07	4.32		4.24

R & E NUMBER	62743		
SERIAL NUMBER	C6611466		
LOG-IN DATE	3-7-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-11-03	RTL
560 A	RE-BARREL	3-12-03	RTL
B	DRILL AND TAP	3-12-03	TRW
575	ASSEMBLE	3-12-03	RTL
600	PROOF	3-12-03	AC
605	CHECK HEADSPACE	3-12-03	AC
610	DIS-ASSEMBLE GUN	3-12-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	3-11-03	RTL
618	ROTO-BLAST	3-14-03	DG
620	APPLY COATINGS	3-18	TA
625 A	FINAL ASSEMBLY	3-20-03	RTL
B	TRIGGER PULL TEST	3-21-03	TRW
C	SAFETY "ON" FORCE	716s 3-21-03	AC
D	SAFETY "OFF" FORCE	416s 3-21-03	AC
E	FIRING PIN INDENT	022 3-21-03	AC
640	TARGET	3-21-03	TRW
655	FINAL INSPECT	3-22-03	RTL
660	PACK	3-22-03	PA
		SHIP DATE	
QAR INSPECTION DATE			

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6611466

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/12/91	K.S.
600	Proof		3/12/91	K.S.
607	Check Headspace		3/12/91	K.S.
610	Dis-assemble Gun		3/12/91	K.S.
612	Magnaflux Barrel Action		3/27/91	K.R.
	Magnaflux Bolt		11	K.R.
615	Rollmark Caliber		3/27/91	GS
617	Drill and Tap Sight Holes	APR	3 1991	KB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-18-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/30/91	FS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/30/91	KS
	C) Inspect Ejector Hole for Chamfer		4/30/91	KS
	D) Oil Firing Pin Ass'y		4/30/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5/3/91	DL

op.	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/3/91	SL
	G) Safety Off Force	4	4	4			5/3/91	SL
	H) Trigger Pull Test & Retainability						5/3/91	SL
	I) Firing Pin Indent	.0215	.022	.022			5/3/91	SL
	J) Assemble Stock						5/4/91	KS
	K) Assemble Swivel Studs						5-10-91	AC
	L) Attach Front and Rear Sight Assemblies						5/4/91	KS
	M) Iron Sight Alignment						5/4/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/4/91	KS
	O) Attach Scope to Rifle						5/4/91	KS
	P) Detach & Attach Scope 20 Times						5/4/91	KS
640	Gallery Target & Test						5-7-91	AC
	A) Time						5-7-91	AC
	B) Malfunctions						5-7-91	AC
	C) Pierced Primers						5-7-91	AC
	D) Optical Clarity of Scope						5-7-91	AC
645	Inspect for Live Ammo						5-7-91	AC
655	Final Inspection							
	A) Headspace						5-10-91	AC
	B) Trigger Pull	2.25	2.20	2.17	2.17	2.19	5/10/91	SL
	C) Function						5-10-91	AC
660	Pack						6-19-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C-6611466

DATE 5/3/91

TESTER QCL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.54	2.48	2.40	2.25	MIN. SETTING,
PULL #2	2.59	2.43	2.38	2.20	NO AVG. OF 5
PULL #3	2.55	2.37	2.36	2.17	READINGS ACCEPT-
PULL #4	2.53	2.42	2.45	2.17	ABLE LESS THAN 2#
PULL #5	2.56	2.43	2.46	2.19	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.41	3.51			
PULL #2	3.51	3.23			
PULL #3	3.43	3.23			
PULL #4	3.48	3.29			
PULL #5	3.54	3.19			
TOTAL					
AVG.					

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.48		4.28
PULL #2	4.50	4.38		4.33
PULL #3	4.42	4.40		4.30
PULL #4	4.45	4.47		4.45
PULL #5	4.42	4.24		4.34
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611466
7 May 1991

CENTROIDAL DISTANCES

0 TO	1	.208521
1 TO	2	.190379
1 TO	3	.526104
1 TO	4	.182888
1 TO	5	.58849

4.5 <----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .104
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .104
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .104
THE AMR FOR THIS RIFLE IS: .8792

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611466

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.577

VS= 1.958

GS= 2.590

CENTROID

PATTERN #

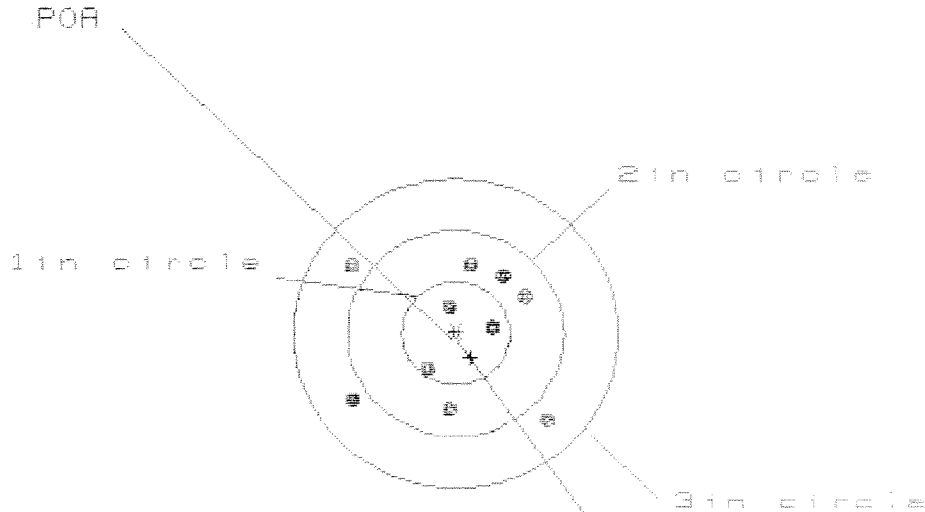
1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.069	1.900	1.100
MINIMUM X	-1.516	-1.827	-1.500
MAXIMUM Y	.709	.576	.100
MINIMUM Y	-1.249	-1.587	-1.100
CENTROID X	-.200	-.080	-.100
CENTROID Y	.059	.190	.100
POA TO CENTROID in.	.200	.113	.113
MIN RADIUS	.361	.308	.300
MEAN RADIUS	.847	.742	.700
MAX RADIUS	1.565	1.610	1.600
HORIZONTAL SPREAD	2.577	2.577	2.400
VERTICAL SPREAD	1.958	1.137	1.100
EXTREME SPREAD	2.590	2.590	2.400
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	8	

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CGB11466

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.855

VS= 1.477

GS= 2.359

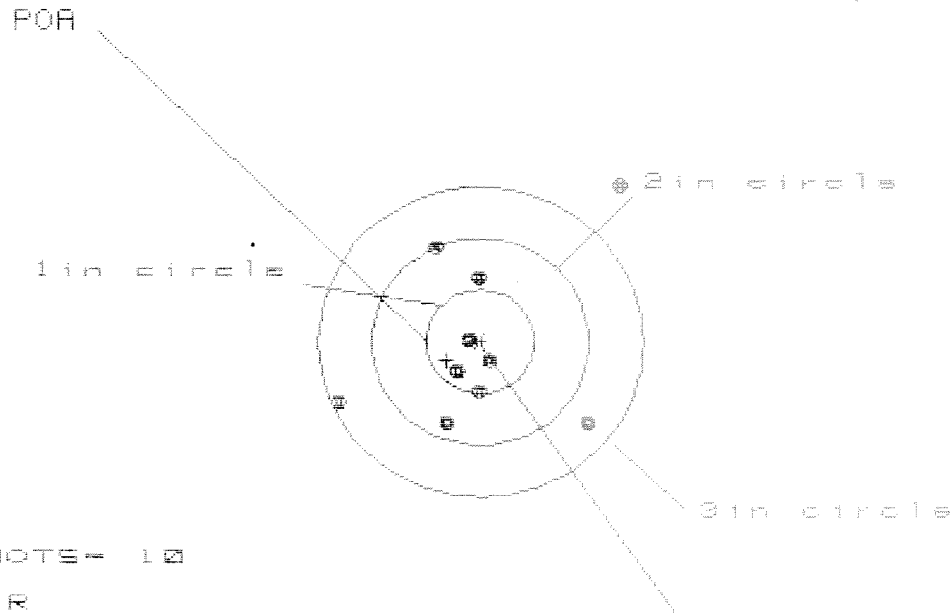
CENTROID +

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.862	.732	.812
MINIMUM X	-1.007	-.912	-.848
MAXIMUM Y	.651	.589	.627
MINIMUM Y	-.826	-.793	-.822
CENTROID X	-.138	-.233	-.119
CENTROID Y	.239	.331	.287
POA TO CENTROID in.	.276	.435	.297
MIN RADIUS	.281	.168	.281
MEAN RADIUS	.743	.686	.627
MAX RADIUS	1.194	1.113	1.161
HORIZONTAL SPREAD	1.869	1.644	1.564
VERTICAL SPREAD	1.477	1.352	1.352
EXTREME SPREAD	2.359	1.875	1.875
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611486

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS = 2.595

VS = 2.348

GS = 3.329

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.314	1.115	.977
MINIMUM X	-1.281	-1.135	-1.412
MAXIMUM Y	1.528	1.096	1.047
MINIMUM Y	-.828	-.668	-.709
CENTROID X	.312	.166	.308
CENTROID Y	.180	.012	.061
POA TO CENTROID in.	.361	.167	.314
MIN RADIUS	.101	.138	.111
MEAN RADIUS	.834	.666	.592
MAX RADIUS	2.009	1.277	1.182
HORIZONTAL SPREAD	2.595	2.254	1.389
VERTICAL SPREAD	2.348	1.756	1.756
EXTREME SPREAD	3.329	2.265	2.265
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

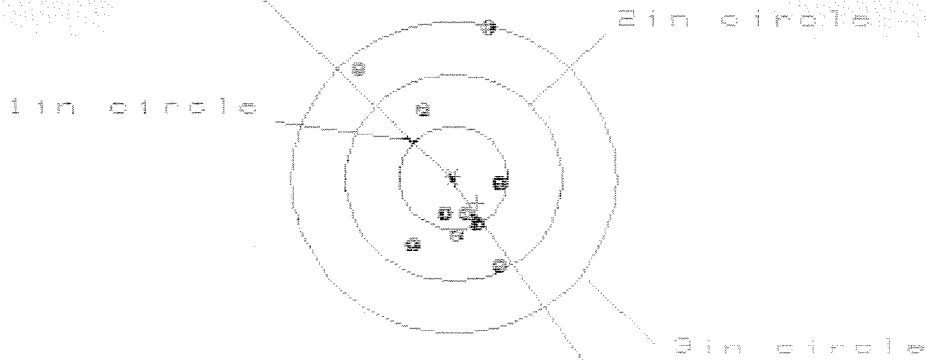
7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611486

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS- 1.303

VS- 2.316

GS- 2.321

CENTROID #

PATTERN #	:	4	9	9
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	.458	.492	.391
MINIMUM X	:	-.845	-.811	-.421
MAXIMUM Y	:	1.490	1.199	.987
MINIMUM Y	:	-.827	-.661	-.511
CENTROID X	:	-.218	-.252	-.151
CENTROID Y	:	.241	.076	-.074
POA TO CENTROID in.	:	.326	.253	.168
MIN RADIUS	:	.383	.194	.078
MEAN RADIUS	:	.742	.596	.412
MAX RADIUS	:	1.520	1.447	1.031
HORIZONTAL SPREAD	:	1.303	1.093	.813
VERTICAL SPREAD	:	2.316	1.860	1.498
EXTREME SPREAD	:	2.321	2.271	1.649
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

7 May 1991

FILE: PATTERNING/CENTERFIRE_PATT/CG511456

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 7

HS= 2.771

VS= 3.353

GS= 3.534

CENTROID #

PATTERN #	5	6	7
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.762	1.878	1.934
MINIMUM X	-1.009	-1.813	-1.733
MAXIMUM Y	1.644	1.521	1.529
MINIMUM Y	-1.789	-1.532	-1.738
CENTROID X	.364	.158	.058
CENTROID Y	.227	.056	.242
POA TO CENTROID in.	.425	.175	.249
MIN RADIUS	.488	.569	.649
MEAN RADIUS	1.258	1.020	.931
MAX RADIUS	2.375	1.886	1.634
HORIZONTAL SPREAD	2.771	1.691	1.641
VERTICAL SPREAD	3.353	3.353	2.387
EXTREME SPREAD	3.534	3.534	2.613
NUMBER IN ONE INCH CIRCLE =	1	1	1
NUMBER IN TWO INCH CIRCLE =	5	5	5
NUMBER IN THREE INCH CIRCLE =	7	7	7

Remington
REG. U.S. PAT. & TM. OFF.

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

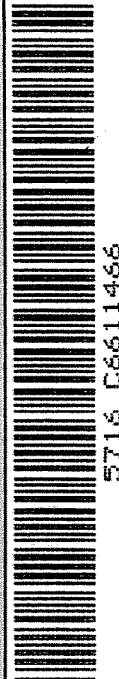
MODEL 700™ H24

SERIAL NO.
 C6611466

ORDER NO.
5716

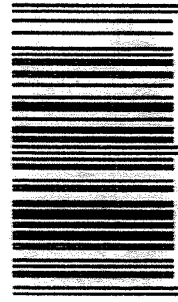
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

20



5716 C6611466

UPC



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