

C6611466

MODEL 700™ M24

Model **SMS**™

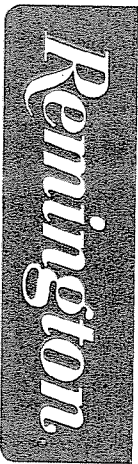
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in. chamber.



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

naglej

3/7/2003

1:05 PM

CAPS

NUM

INS

SCPL

start

S-Micro

S-Inter

Part Sear...

Arms Ser...

S-Micro

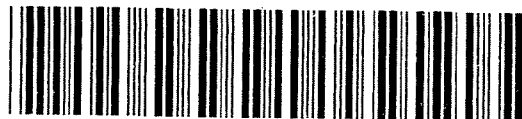
Microsoft

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

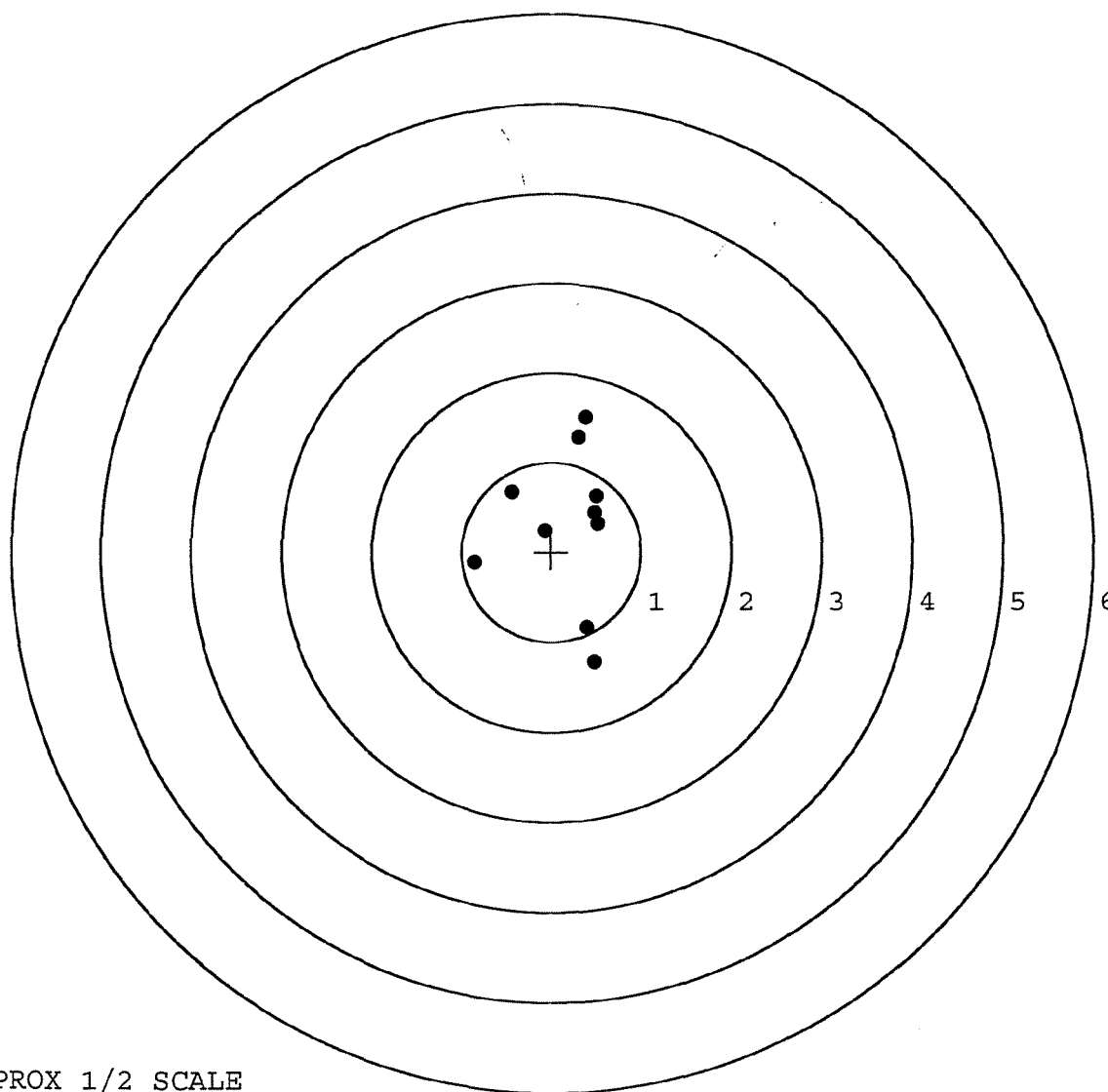
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

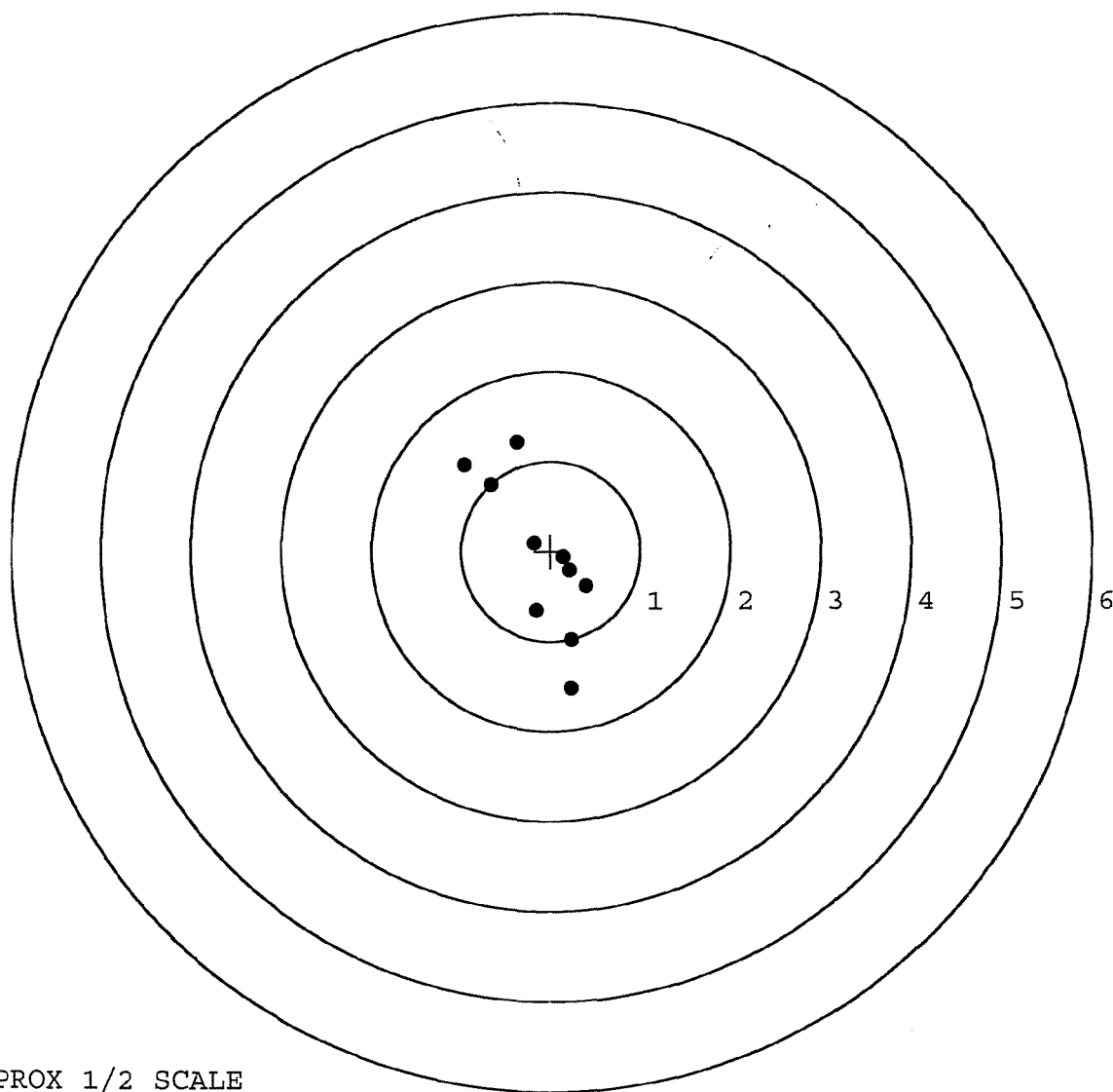


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611466. 0
TARGET NUMBER: 2
FILE DATE: 03/22/2003
FILE TIME: 10:58

POINT#	X	Y
1:	0.229	-1.529
2:	0.235	-0.990
3:	-0.162	-0.662
4:	-0.960	0.955
5:	-0.673	0.737
6:	-0.386	1.216
7:	-0.183	0.091
8:	0.146	-0.072
9:	0.208	-0.216
10:	0.394	-0.390

X CENTROID: -0.115
Y CENTROID: -0.086
POA TO CENTROID: 0.144
HORZ SPREAD: 1.354
VERT SPREAD: 2.745
GROUP SPREAD: 2.813
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

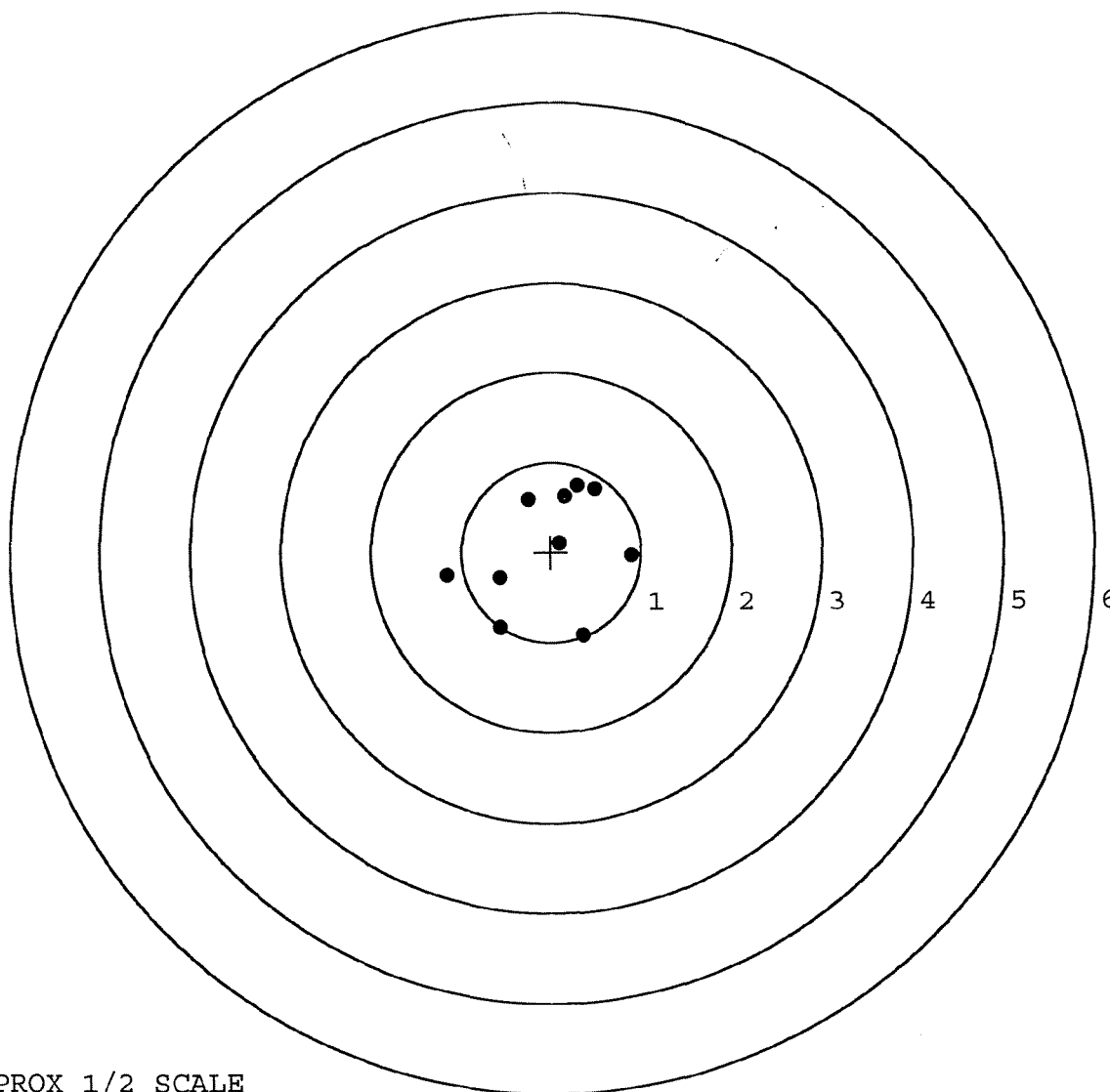


TARGET APPROX 1/2 SCALE

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

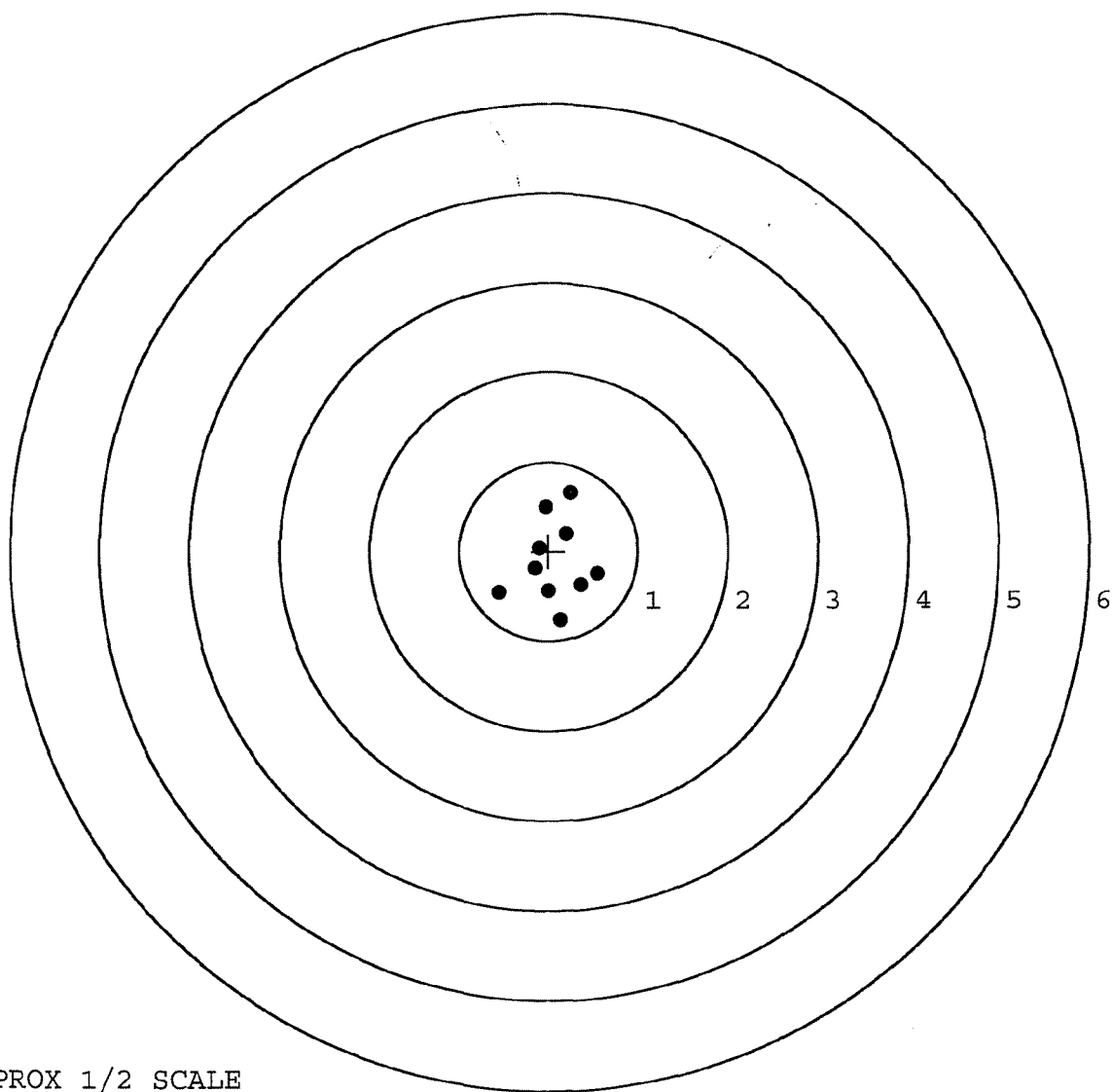


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611466. 0
TARGET NUMBER: 4
FILE DATE: 03/22/2003
FILE TIME: 10:58

POINT#	X	Y
1:	0.134	-0.774
2:	0.547	-0.249
3:	0.362	-0.379
4:	0.005	-0.449
5:	-0.554	-0.464
6:	-0.149	-0.196
7:	-0.103	0.038
8:	0.199	0.196
9:	-0.040	0.498
10:	0.243	0.659

X CENTROID: 0.064
Y CENTROID: -0.112
POA TO CENTROID: 0.129
HORZ SPREAD: 1.101
VERT SPREAD: 1.433
GROUP SPREAD: 1.437
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

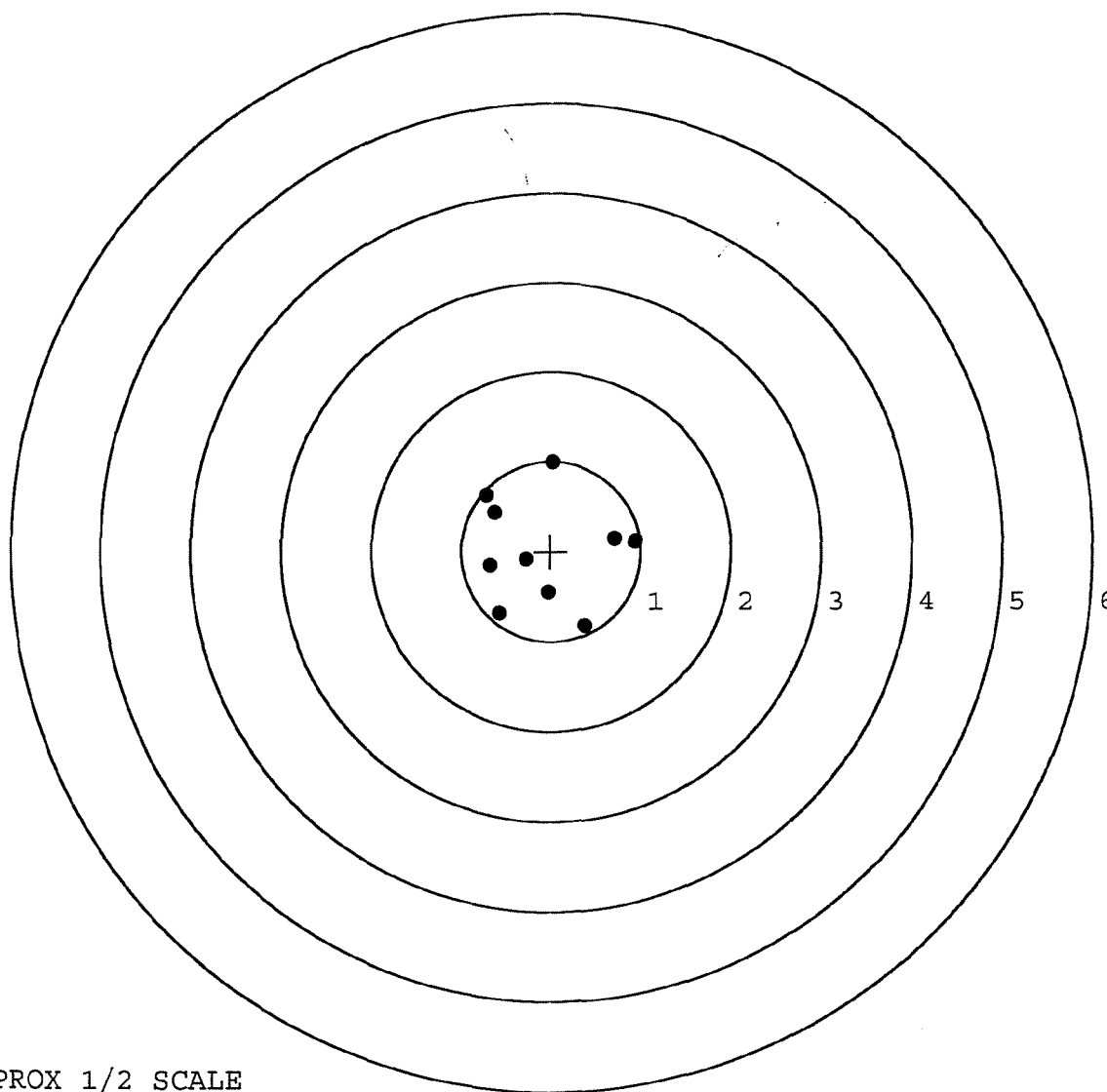


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611466. __0
TARGET NUMBER: 5
FILE DATE: 03/22/2003
FILE TIME: 10:58

POINT#	X	Y
1:	0.385	-0.830
2:	-0.027	-0.455
3:	-0.276	-0.087
4:	-0.578	-0.692
5:	-0.676	-0.155
6:	-0.632	0.431
7:	-0.726	0.622
8:	0.021	0.990
9:	0.712	0.149
10:	0.946	0.118

X CENTROID: -0.085
Y CENTROID: 0.009
POA TO CENTROID: 0.086
HORZ SPREAD: 1.672
VERT SPREAD: 1.820
GROUP SPREAD: 1.746
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# + .50#
3.00# + .75#
4.00# + 1.00#

TESTER

TRW

	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

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

R & E NUMBER	62745		
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	G.S.
617	Drill and Tap Sight Holes	APR	3 1991	K.B.
618	Polish Barrel	APR	3 1991	W.B.
620	Apply Coatings (Barrel Action)		4-18-91	DA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/30/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/30/91	K.S.
	C) Inspect Ejector Hole for Chamfer		4/30/91	K.S.
	D) Oil Firing Pin Ass'y		4/30/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5/3/91	DL

op. #	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	AF

SWS TRIGGER PULL TEST

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

$\bar{x}$ <----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 #

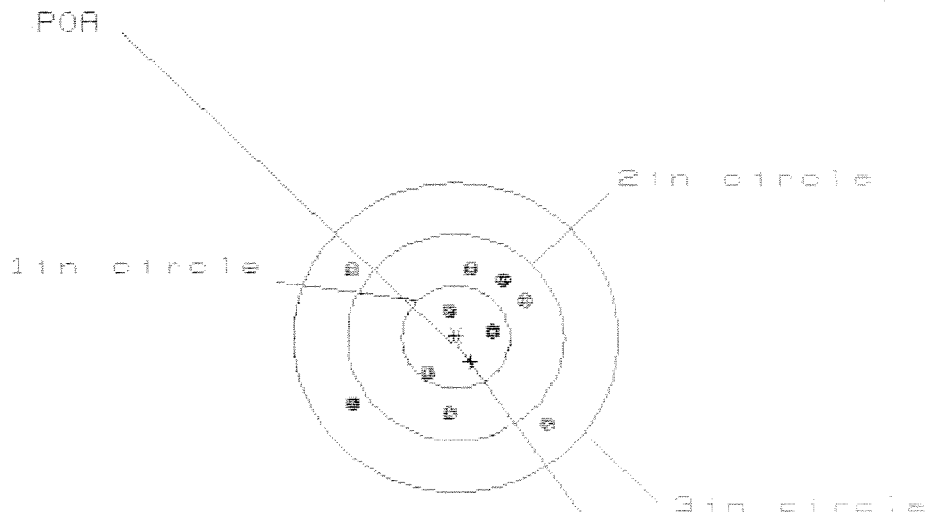
1

SHOTS (BEST OF)	1	9	0
MAXIMUM X	1.069	1.900	1.000
MINIMUM X	-1.516	-1.827	-1.000
MAXIMUM Y	.709	.576	.100
MINIMUM Y	-1.249	-1.587	-1.000
CENTROID X	-.200	-.080	-.100
CENTROID Y	.059	.190	.100
POA TO CENTROID in.	.200	.113	.113
MIN RADIUS	.361	.308	.308
MEAN RADIUS	.847	.742	.742
MAX RADIUS	1.565	1.610	1.610
HORIZONTAL SPREAD	2.577	2.577	2.577
VERTICAL SPREAD	1.958	1.137	1.137
EXTREME SPREAD	2.590	2.590	2.590
NUMBER IN ONE INCH CIRCLE	=	2	2
NUMBER IN TWO INCH CIRCLE	=	7	7
NUMBER IN THREE INCH CIRCLE	=	8	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

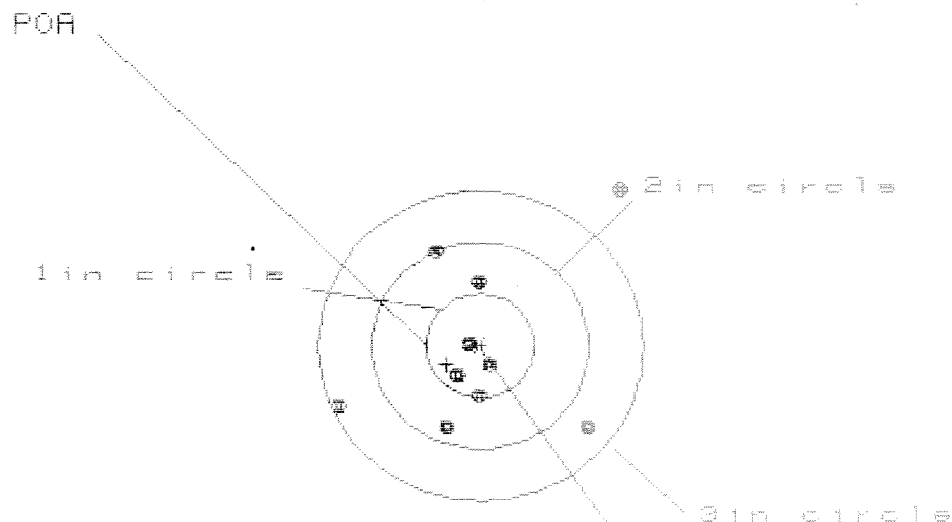
GS= 2.359

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	3	3
NUMBER IN TWO INCH CIRCLE =	:	7	7	7
NUMBER IN THREE INCH CIRCLE =	:	10	10	10

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611486

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.595

VS= 2.348

GS= 3.329

CENTROID #

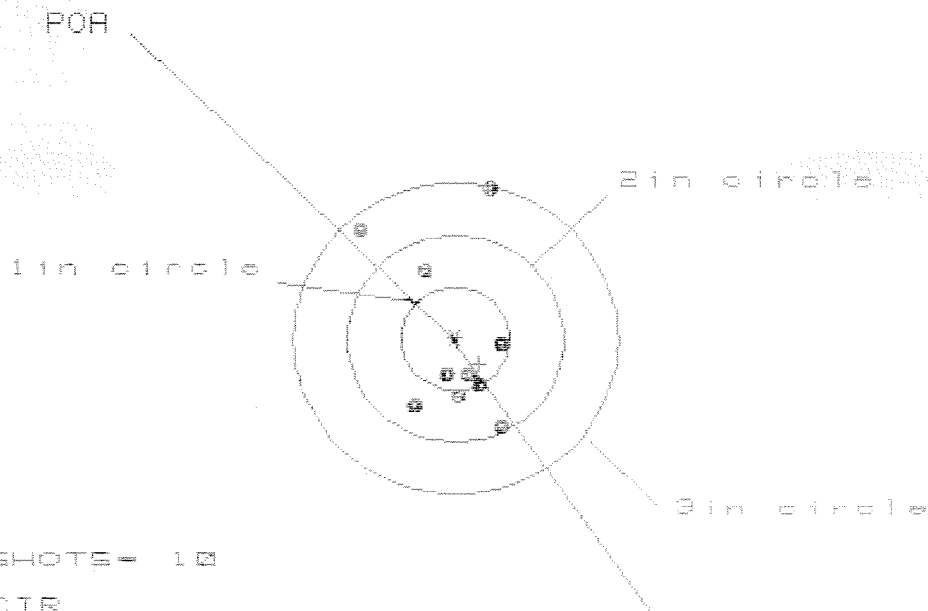
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.314	1.115	.977
MINIMUM X	:	-1.281	-1.135	-1.412
MAXIMUM Y	:	1.528	1.096	1.047
MINIMUM Y	:	-.828	-.668	-.709
CENTROID X	:	.312	.166	.308
CENTROID Y	:	.180	.012	.061
POA TO CENTROID in.	:	.361	.167	.314
MIN RADIUS	:	.101	.138	.111
MEAN RADIUS	:	.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	4	4
NUMBER IN TWO INCH CIRCLE	=	6	6	6
NUMBER IN THREE INCH CIRCLE	=	9	9	9

7 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611486

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 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/C6511456

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	9	2
SHOTS (BEST OF)	10	9	2
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	.958
CENTROID Y	.227	.856	.242
POA TO CENTROID in.	.425	.175	.149
MIN RADIUS	.488	.569	.649
MEAN RADIUS	1.258	1.020	.931
MAX RADIUS	2.875	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® **DUPONT**®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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.
 C6611466

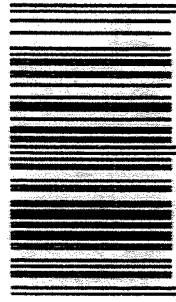
ORDER NO.
 5716

20



5716 C6611466

UPC



0 47700 25716 7