

C6611484

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington

Repair Inquiry

Repair Number: RE00092464

Serial: C6611484 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1991

Repairman:

Status:

Closed 2/4/2005 9:37:42 AM

Verify Repair

Address Information

Customer

☒ Received From

Return To

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

City: ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

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	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/7/2005

11:27 AM

CAPS

NUM

INS

SCRL

start

3

3

Arms Services

3

M

Serial Number: C6611484

Model: M24 SWS



RE00092464

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611484.___0

FILE DATE AND TIME: 05/04/2005 06:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

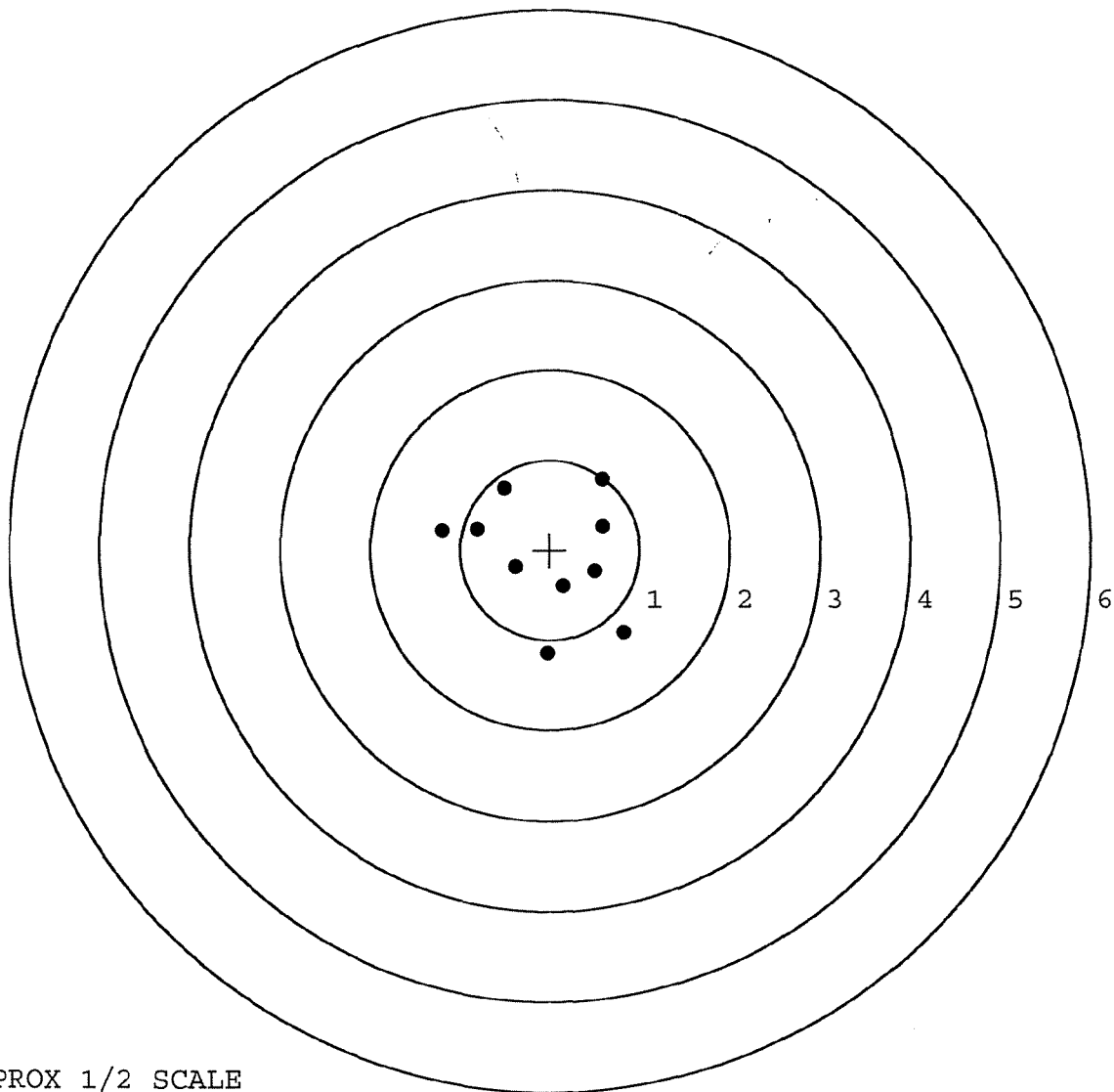
The Average X Centroid of the Five Target Set:	-0.047
The Average Y Centroid of the Five Target Set:	-0.019
The Average Point of Impact of the Five Target Set:	0.050
The Average Mean Radius of the Five Target Set:	0.900
The Distance from POA to Centroid Target #1:	0.076
The Distance from Centroid Target #2 to Centroid Target #1:	0.119
The Distance from Centroid Target #3 to Centroid Target #1:	0.187
The Distance from Centroid Target #4 to Centroid Target #1:	0.144
The Distance from Centroid Target #5 to Centroid Target #1:	0.156

BARBER - M24 0077652

SERIAL NUMBER: C6611484. 0
TARGET NUMBER: 1
FILE DATE: 05/04/2005
FILE TIME: 06:37

POINT#	X	Y
1:	0.824	-0.922
2:	-0.026	-1.160
3:	0.506	-0.239
4:	0.153	-0.401
5:	0.593	0.265
6:	0.592	0.791
7:	-0.386	-0.190
8:	-0.508	0.691
9:	-0.816	0.239
10:	-1.203	0.218

X CENTROID: -0.027
Y CENTROID: -0.071
POA TO CENTROID: 0.076
HORZ SPREAD: 2.027
VERT SPREAD: 1.951
GROUP SPREAD: 2.326
MIN RADIUS: 0.376
MAX RADIUS: 1.211
MEAN RADIUS: 0.833
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



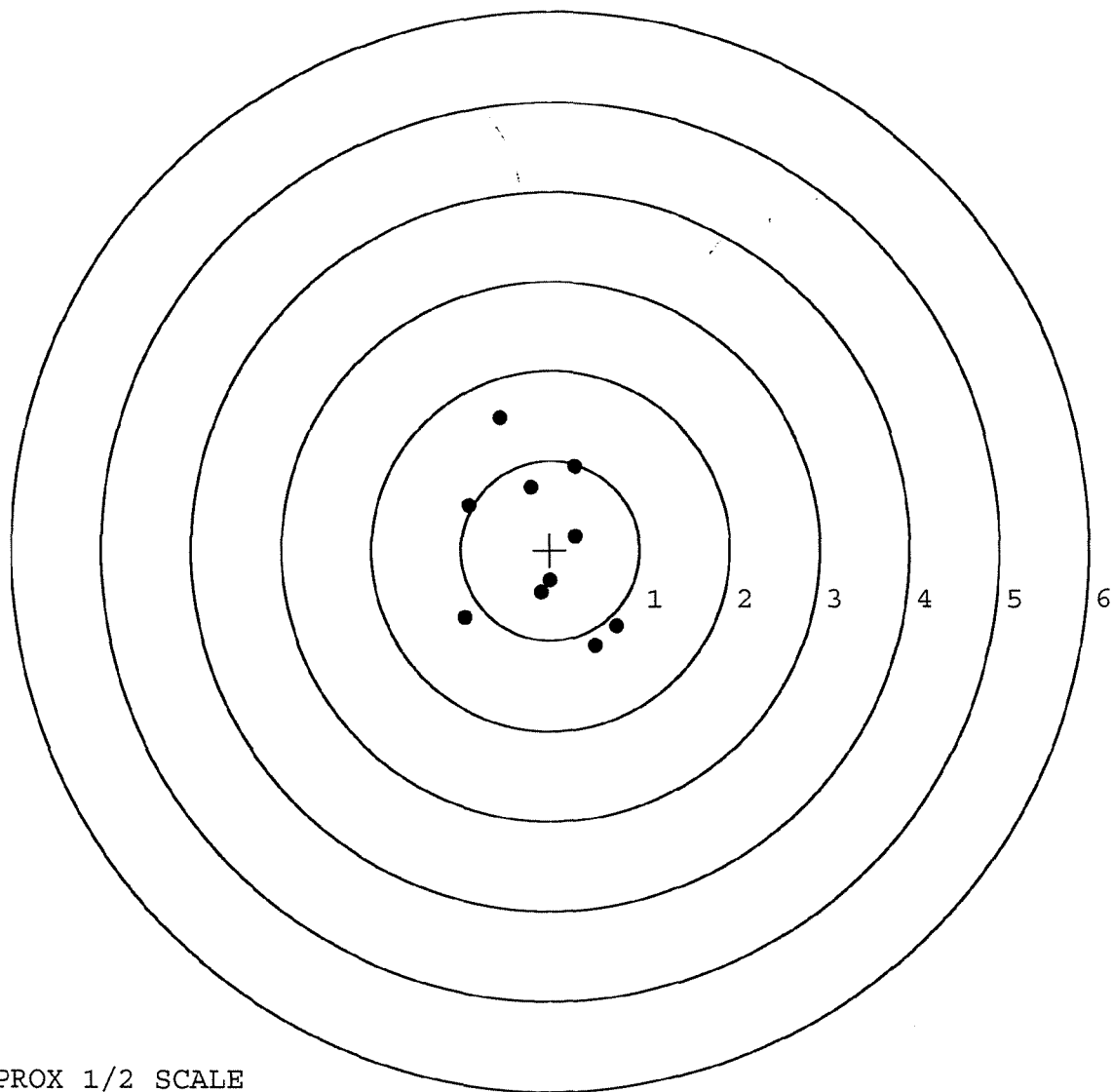
TARGET APPROX 1/2 SCALE

BARBER - M24 0077653

SERIAL NUMBER: C6611484. __0
 TARGET NUMBER: 2
 FILE DATE: 05/04/2005
 FILE TIME: 06:37

POINT#	X	Y
1:	0.508	-1.063
2:	0.741	-0.849
3:	-0.103	-0.476
4:	0.004	-0.342
5:	0.281	0.158
6:	0.284	0.934
7:	-0.216	0.703
8:	-0.564	1.477
9:	-0.907	0.501
10:	-0.954	-0.759

X CENTROID: -0.093
 Y CENTROID: 0.028
 POA TO CENTROID: 0.097
 HORZ SPREAD: 1.695
 VERT SPREAD: 2.540
 GROUP SPREAD: 2.757
 MIN RADIUS: 0.383
 MAX RADIUS: 1.523
 MEAN RADIUS: 0.904
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



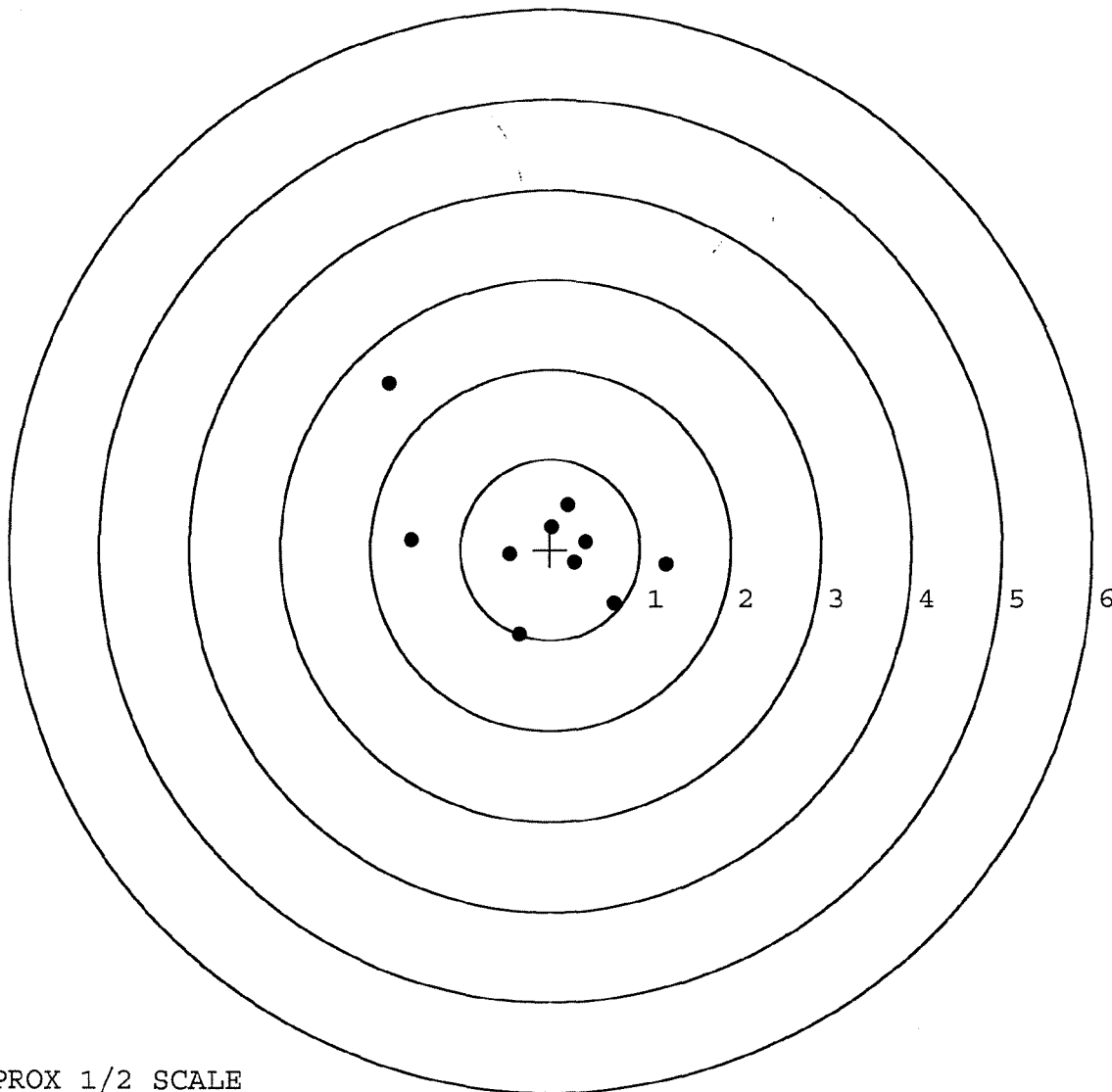
TARGET APPROX 1/2 SCALE

BARBER - M24 0077654

SERIAL NUMBER: C6611484. __0
 TARGET NUMBER: 3
 FILE DATE: 05/04/2005
 FILE TIME: 06:37

POINT#	X	Y
1:	1.283	-0.170
2:	0.712	-0.598
3:	0.273	-0.141
4:	0.400	0.088
5:	-0.350	-0.941
6:	-0.451	-0.052
7:	0.026	0.249
8:	0.200	0.496
9:	-1.541	0.113
10:	-1.793	1.851

X CENTROID: -0.124
 Y CENTROID: 0.090
 POA TO CENTROID: 0.153
 HORZ SPREAD: 3.076
 VERT SPREAD: 2.792
 GROUP SPREAD: 3.681
 MIN RADIUS: 0.219
 MAX RADIUS: 2.427
 MEAN RADIUS: 0.949
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



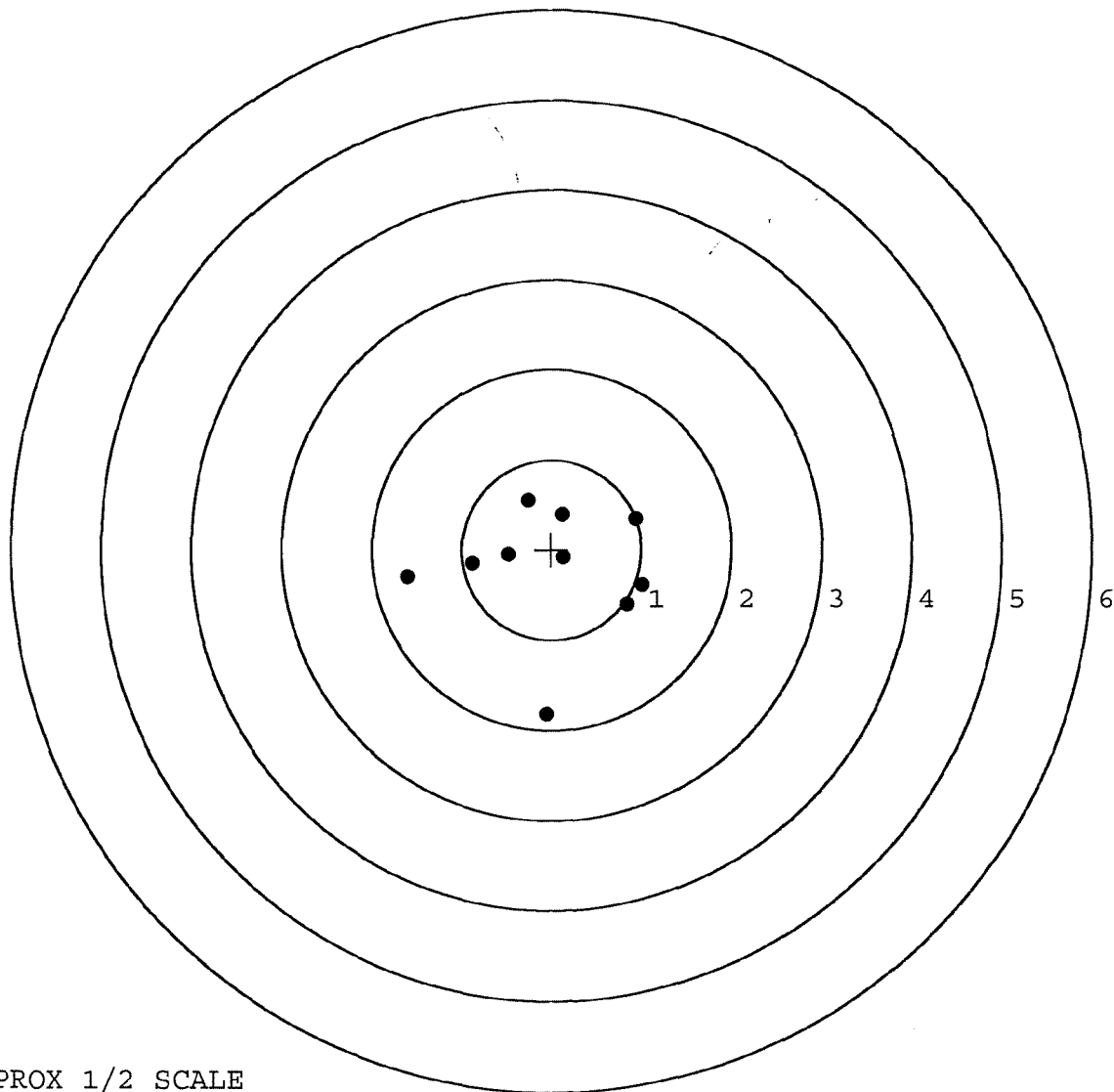
TARGET APPROX 1/2 SCALE

BARBER - M24 0077655

SERIAL NUMBER: C6611484. 0
 TARGET NUMBER: 4
 FILE DATE: 05/04/2005
 FILE TIME: 06:37

POINT#	X	Y
1:	-0.054	-1.832
2:	0.843	-0.607
3:	1.010	-0.394
4:	0.938	0.346
5:	-0.266	0.553
6:	0.126	0.390
7:	0.139	-0.090
8:	-0.479	-0.057
9:	-0.886	-0.152
10:	-1.600	-0.303

X CENTROID: -0.023
 Y CENTROID: -0.215
 POA TO CENTROID: 0.216
 HORZ SPREAD: 2.610
 VERT SPREAD: 2.385
 GROUP SPREAD: 2.394
 MIN RADIUS: 0.204
 MAX RADIUS: 1.618
 MEAN RADIUS: 0.929
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

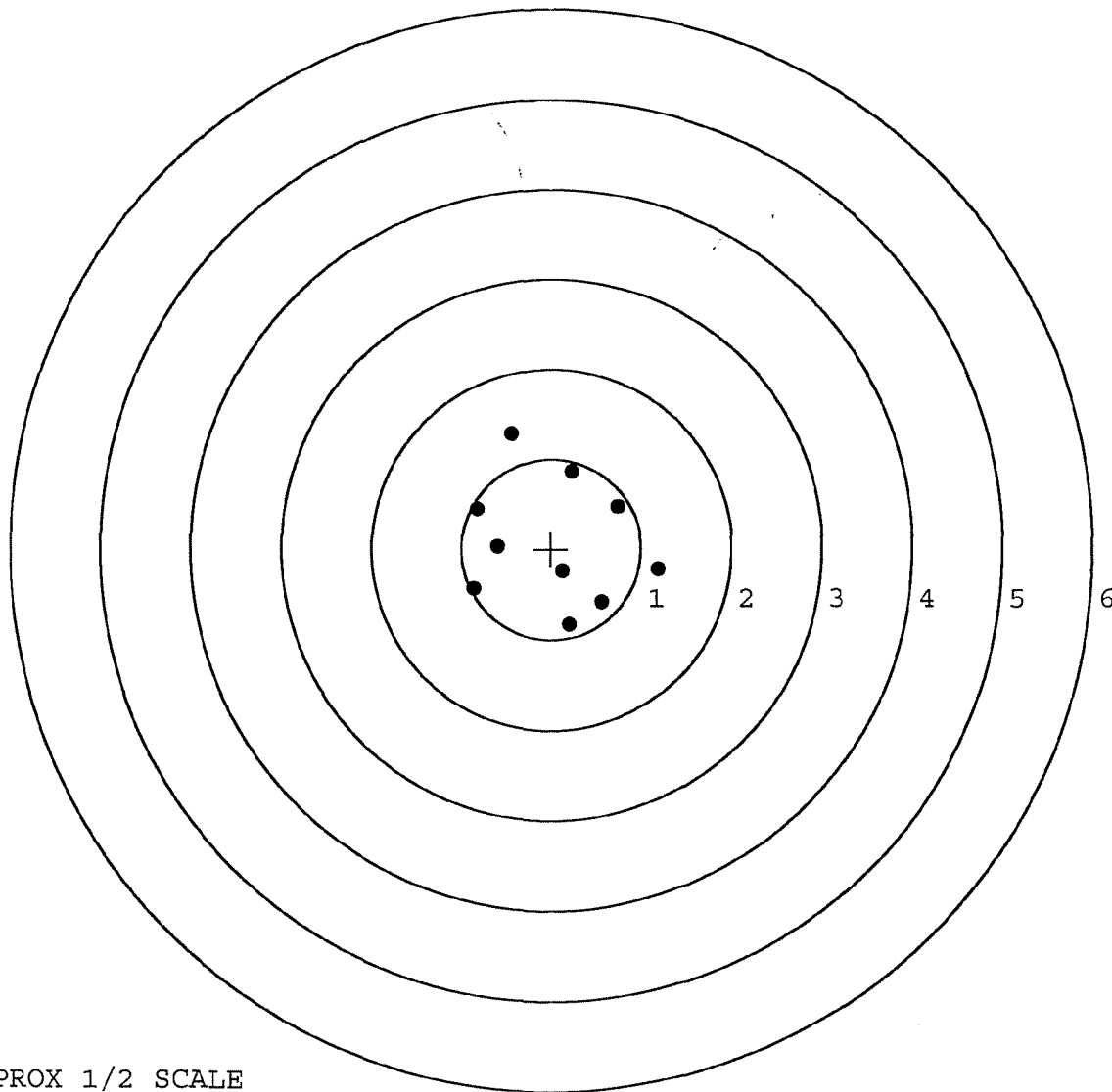


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611484. 0
 TARGET NUMBER: 5
 FILE DATE: 05/04/2005
 FILE TIME: 06:37

POINT#	X	Y
1:	1.193	-0.240
2:	0.740	0.473
3:	0.230	0.862
4:	-0.441	1.283
5:	-0.829	0.441
6:	-0.596	0.033
7:	-0.861	-0.442
8:	0.129	-0.252
9:	0.562	-0.590
10:	0.201	-0.834

X CENTROID: 0.033
 Y CENTROID: 0.073
 POA TO CENTROID: 0.080
 HORZ SPREAD: 2.054
 VERT SPREAD: 2.117
 GROUP SPREAD: 2.234
 MIN RADIUS: 0.339
 MAX RADIUS: 1.299
 MEAN RADIUS: 0.884
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	92464		
SERIAL NUMBER	C6611484		
LOG-IN DATE	2-4-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-4-05	RTZ
560 A	RE-BARREL	4-7-05	RTZ
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTZ
600	PROOF	4-8-05	AE
605	CHECK HEADSPACE	4-8-05	AE
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	4-11-05	BS
615	ROLLMARK CALIBER	4-12-05	CW
618	ROTO-BLAST	4-18-05	WB
620	APPLY COATINGS	4-25-05	WB
625 A	FINAL ASSEMBLY	5-3-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	5-9-05	AC
D	SAFETY "OFF" FORCE	5-9-05	AC
E	FIRING PIN INDENT	5-9-05	AC
640	TARGET	5-4-05	AC
655	FINAL INSPECT	5-9-05	AC
660	PACK	5-11-05	JA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington® **DUPONT**
REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ H24

SERIAL NO.
C6611484

ORDER NO.
5716

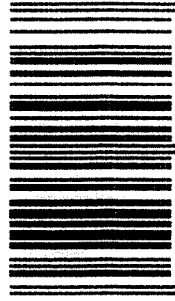
20

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



5716 C6611484

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611484

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/18/91	K.S.
600	Proof		3/18/91	K.S.
607	Check Headspace		3/18/91	K.S.
610	Dis-assemble Gun		3/18/91	K.S.
612	Magnaflux Barrel Action		3/28/91	K.R.
	Magnaflux Bolt		"	K.R.
615	Rollmark Caliber		"	G.S.
617	Drill and Tap Sight Holes	APR	3 1991	W.B.
618	Polish Barrel	APR	3 1991	W.B.
620	Apply Coatings (Barrel Action)		4/19/91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	K.S.
	C) Inspect Ejector Hole for Chamfer		5/1/91	K.S.
	D) Oil Firing Pin Ass'y		5/1/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5-15-91	TH

op.	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-15-91	JK
	G) Safety Off Force	4	4	4			5-15-91	JK
	H) Trigger Pull Test & Retainability						5-15-91	JK
	I) Firing Pin Indent	.0225	.0225	.0225			5-15-91	JK
	J) Assemble Stock						5-15-91	KS
	K) Assemble Swivel Studs						5-20-91	JK
	L) Attach Front and Rear Sight Assemblies						5/15/91	KS
	M) Iron Sight Alignment						5/15/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/15/91	KS
	O) Attach Scope to Rifle						5/15/91	KS
	P) Detach & Attach Scope 20 Times						5/15/91	KS
640	Gallery Target & Test						5/15/91	JK
	A) Time						5/15/91	JK
	B) Malfunctions						5/15/91	JK
	C) Pierced Primers						5/15/91	JK
	D) Optical Clarity of Scope						5/15/91	JK
645	Inspect for Live Ammo						5/15/91	JK
655	Final Inspection						5-20-91	JK
	A) Headspace						5-20-91	JK
	B) Trigger Pull	2.48	2.52	2.52	2.56	2.53	5/20/91	JK
	C) Function						5-20-91	JK
660	Pack						6-19-91	JK

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6611484

DATE 5-15-91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.26	2.24	2.33	2.48	MIN. SETTING,
PULL #2	2.38	2.24	2.40	2.52	NO AVG. OF 5
PULL #3	2.33	2.21	2.35	2.52	READINGS ACCEPT-
PULL #4	2.42	2.30	2.28	2.56	ABLE LESS THAN 2#
PULL #5	2.35	2.25	2.30	2.53	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.68	3.42		
PULL #2	3.45	3.38		
PULL #3	3.63	3.37		
PULL #4	3.63	3.41		
PULL #5	3.55	3.40		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.27		4.23
PULL #2	4.43	4.23		4.24
PULL #3	4.40	4.19		4.29
PULL #4	4.39	4.29		4.22
PULL #5	4.36	4.28		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611484
16 May 1991

CENTROIDAL DISTANCES

0 TO	1	.105721
1 TO	2	.201757
1 TO	3	.503779
1 TO	4	.149452
1 TO	5	.209287

7, <----FOR

• AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0782
• AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0404
• AVERAGE POI RADIUS FOR THIS RIFLE IS: .0880193
• AVERAGE FOR THIS RIFLE IS: 1.047

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66114B4

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.498

VS = 1.784

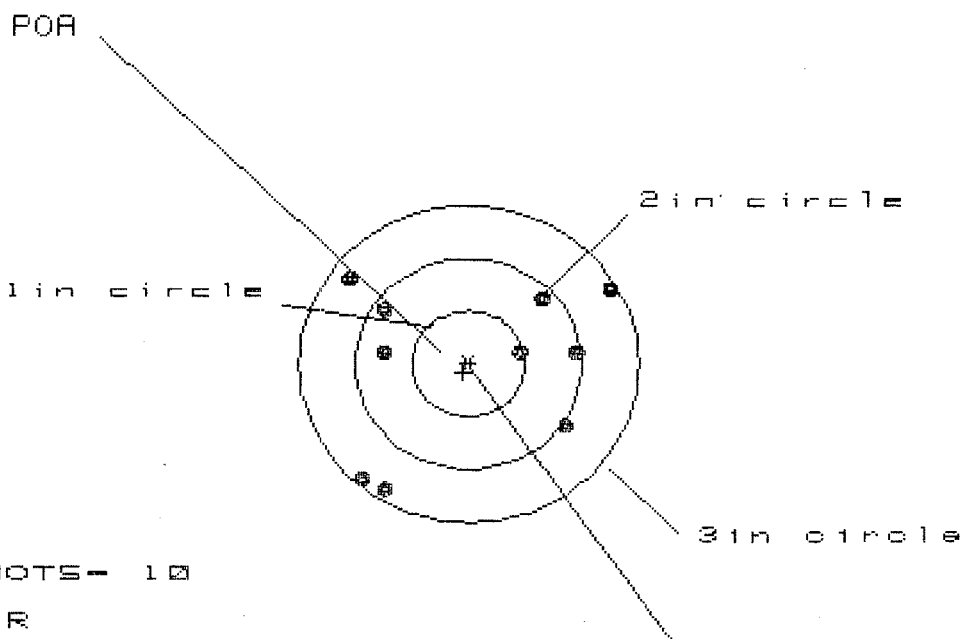
GS = 2.516

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.291	1.132	.999
MINIMUM X	:	-1.207	-1.063	-1.022
MAXIMUM Y	:	1.155	1.164	1.137
MINIMUM Y	:	-.629	-.620	-.647
CENTROID X	:	-.019	-.163	-.030
CENTROID Y	:	-.104	-.113	-.086
POA TO CENTROID in.	:	.106	.198	.091
MIN RADIUS	:	.236	.135	.219
MEAN RADIUS	:	.873	.813	.777
MAX RADIUS	:	1.294	1.223	1.210
HORIZONTAL SPREAD	:	2.498	2.195	2.021
VERTICAL SPREAD	:	1.784	1.784	1.784
EXTREME SPREAD	:	2.516	2.297	2.293
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	5		
NUMBER IN THREE INCH CIRCLE =	:	10		

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611464

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 5

3 in - 10

HS - 2.222

VS - 2.034

GS - 2.807

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.218	1.114	1.010
MINIMUM X	:	-1.004	-1.108	-1.212
MAXIMUM Y	:	.805	.684	.516
MINIMUM Y	:	-1.229	-1.350	-.894
CENTROID X	:	.046	.151	.255
CENTROID Y	:	.087	.208	.376
POA TO CENTROID in.	:	.099	.257	.454
MIN RADIUS	:	.429	.313	.281
MEAN RADIUS	:	1.055	.987	.884
MAX RADIUS	:	1.434	1.585	1.317
HORIZONTAL SPREAD	:	2.222	2.222	2.222
VERTICAL SPREAD	:	2.034	2.034	1.410
EXTREME SPREAD	:	2.807	2.749	2.320
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611484

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in - 1

2in - 6

3in = 8

HS= 3.406

VS= 2.756

GS= 3.553

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.971
MINIMUM X	-1.435
MAXIMUM Y	1.762
MINIMUM Y	-.994
CENTROID X	.438
CENTROID Y	-.316
POA TO CENTROID in.	.541
MIN RADIUS	.304
MEAN RADIUS	1.049
MAX RADIUS	2.069
HORIZONTAL SPREAD	3.406
VERTICAL SPREAD	2.756
EXTREME SPREAD	3.553
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	6
NUMBER IN THREE INCH CIRCLE	8

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66114B4

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 3.150

VS = 1.713

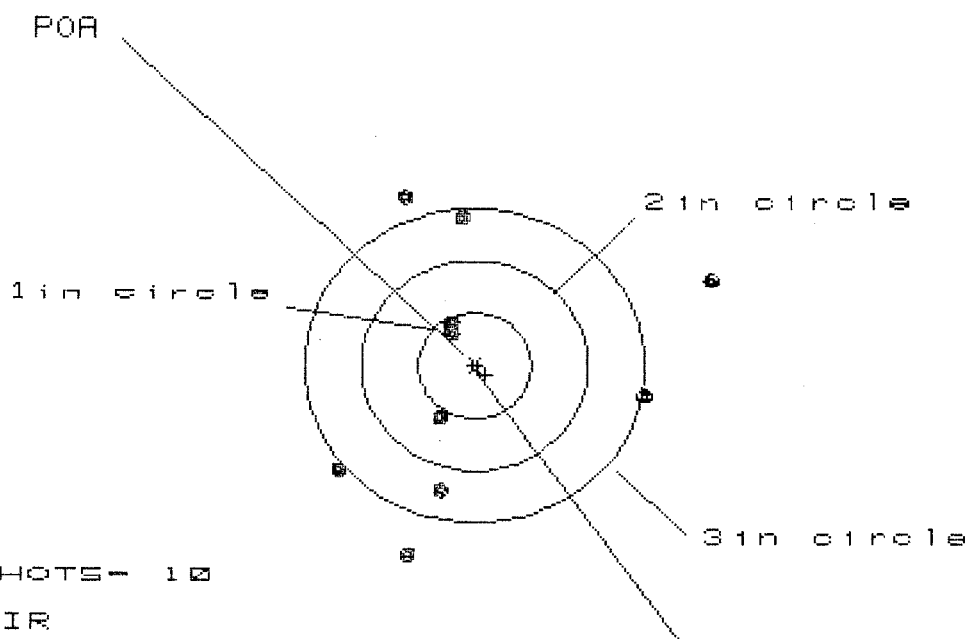
GS = 3.234

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.118	.893	.738
MINIMUM X	:	-2.032	-.727	-.616
MAXIMUM Y	:	.723	.800	.804
MINIMUM Y	:	-.990	-.913	-.909
CENTROID X	:	.021	.246	.135
CENTROID Y	:	.040	-.037	-.041
POA TO CENTROID in.	:	.045	.249	.141
MIN RADIUS	:	.323	.414	.446
MEAN RADIUS	:	.950	.795	.780
MAX RADIUS	:	2.145	1.163	1.093
HORIZONTAL SPREAD	:	3.150	1.620	1.354
VERTICAL SPREAD	:	1.713	1.713	1.713
EXTREME SPREAD	:	3.234	1.980	1.980
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C66114B4

CENTERFIRE PATTERNS : # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 3

3 in = 5

HS = 3.252

VS = 3.460

GS = 3.755

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.095	1.712	1.670
MINIMUM X	:	-1.167	-.934	-.976
MAXIMUM Y	:	1.653	1.746	1.532
MINIMUM Y	:	-1.807	-1.714	-1.294
CENTROID X	:	-.095	-.328	-.286
CENTROID Y	:	.091	-.002	.212
POA TO CENTROID in.	:	.132	.328	.356
MIN RADIUS	:	.423	.387	.231
MEAN RADIUS	:	1.307	1.166	1.066
MAI RADIUS	:	2.257	1.784	1.722
HORIZONTAL SPREAD	:	3.262	2.646	2.646
VERTICAL SPREAD	:	3.460	3.460	2.826
EXTREME SPREAD	:	3.755	3.460	2.852
NUMBER IN ONE INCH CIRCLE =	:	2		
NUMBER IN TWO INCH CIRCLE =	:	3		
NUMBER IN THREE INCH CIRCLE =	:	5		