

C6611472

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington

Repair Number: RE00098284

Serial: C6611472 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1997

Repairman:

Verify Repair:

Status:

Closed 6/29/2005 8:10:19 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPT OF THE ARMY

DEPT OF THE ARMY

Address 1: HHC 2-30 INF

HHC 2-30 INF

Address 2: BLDG 1053 SUITE 105

PO Box:

BLDG 1053 SUITE 105

PO Box:

City: FORT POLK

FORT POLK

State: LA

Zip Code: 71459

Country: US

State: LA

Zip Code: 71459

Country: US

FFL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: N/A

Fax:

Email:

Comments:

Received Condition

Good

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A009	Soft Case	1
A015	Scope Rings	2
A017	Scope Base	1
A025	Scope	1
A045	Bi Pod	1
A057	Front and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/5/2005

8:14 AM

CAPS

NUM

INS

SOPL

start



Arms Services



Serial Number: C6611472

Model: M24 SWS

RE00098284

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611472.__0

FILE DATE AND TIME: 08/08/2005 11:09

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.056
The Average Y Centroid of the Five Target Set:	0.023
The Average Point of Impact of the Five Target Set:	0.060
The Average Mean Radius of the Five Target Set:	0.904
The Distance from POA to Centroid Target #1:	0.349
The Distance from Centroid Target #2 to Centroid Target #1:	0.111
The Distance from Centroid Target #3 to Centroid Target #1:	0.458
The Distance from Centroid Target #4 to Centroid Target #1:	0.457
The Distance from Centroid Target #5 to Centroid Target #1:	0.536

BARBER - M24 0077505

SERIAL NUMBER: C6611472. __0

TARGET NUMBER: 1

FILE DATE: 08/08/2005

FILE TIME: 11:09

X CENTROID: 0.159

Y CENTROID: 0.311

POA TO CENTROID: 0.349

HORZ SPREAD: 2.285

VERT SPREAD: 2.728

GROUP SPREAD: 2.759

MIN RADIUS: 0.361

MAX RADIUS: 1.531

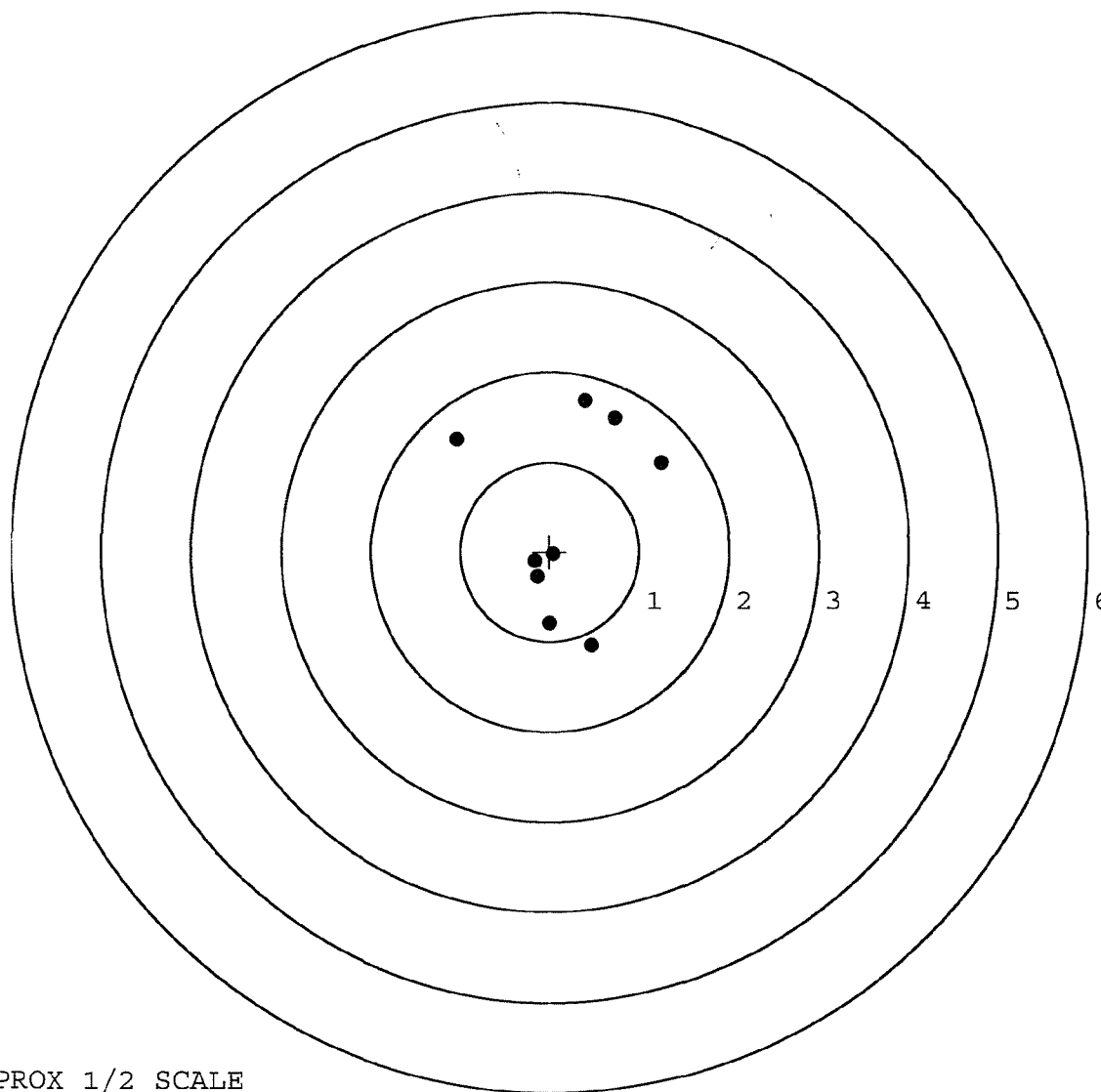
MEAN RADIUS: 0.995

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.138	-0.285
2:	-0.160	-0.111
3:	0.045	-0.032
4:	0.045	-0.032
5:	1.241	0.993
6:	-1.044	1.257
7:	0.731	1.488
8:	0.400	1.681
9:	0.473	-1.047
10:	-0.001	-0.805



TARGET APPROX 1/2 SCALE

BARBER - M24 0077506

SERIAL NUMBER: C6611472. __0

TARGET NUMBER: 2

FILE DATE: 08/08/2005

FILE TIME: 11:09

X CENTROID: 0.139

Y CENTROID: 0.202

POA TO CENTROID: 0.245

HORZ SPREAD: 2.825

VERT SPREAD: 2.632

GROUP SPREAD: 3.861

MIN RADIUS: 0.252

MAX RADIUS: 2.277

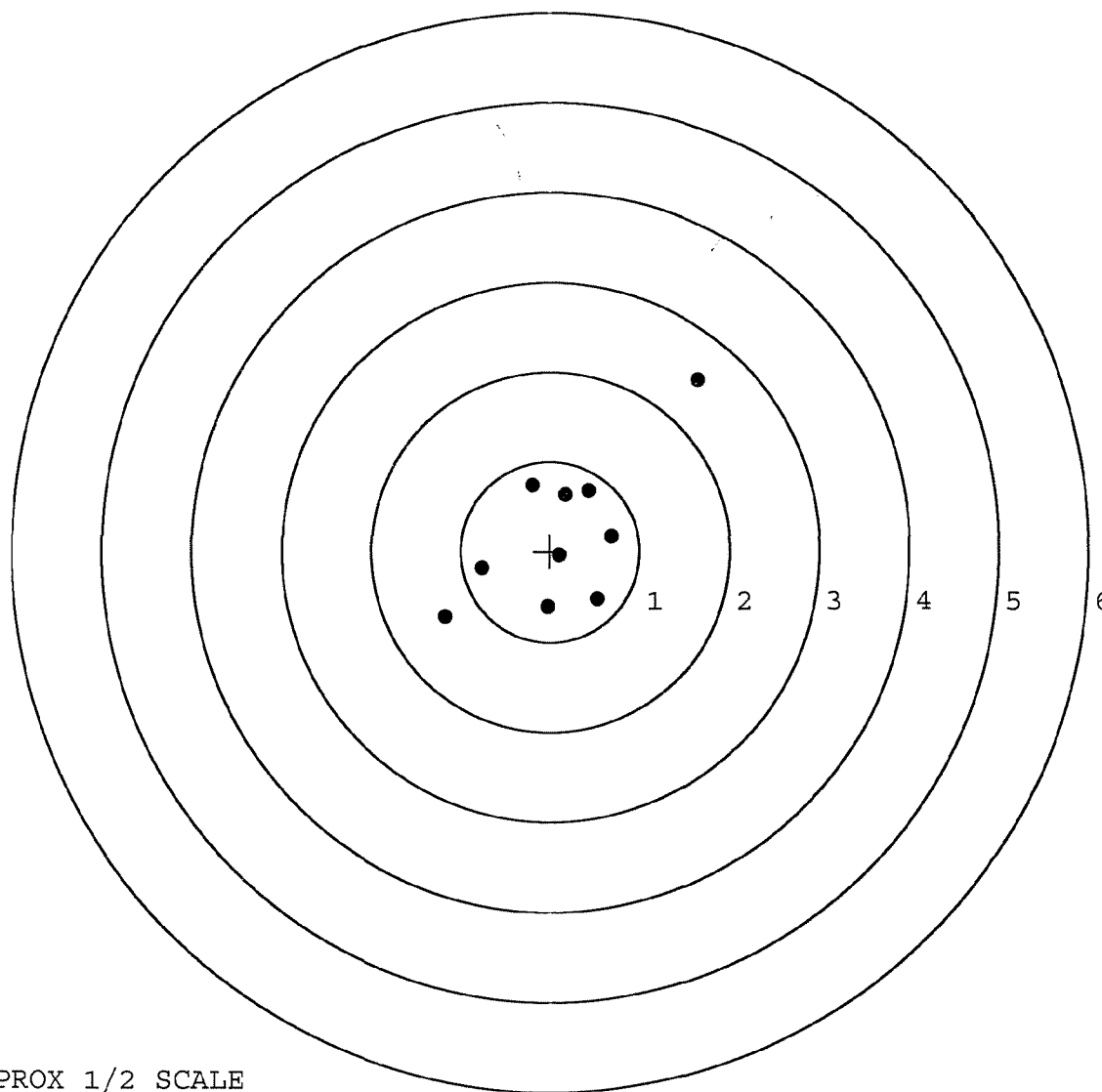
MEAN RADIUS: 0.896

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.687	0.165
2:	0.428	0.679
3:	0.167	0.633
4:	-0.206	0.738
5:	0.529	-0.529
6:	0.106	-0.048
7:	-0.027	-0.616
8:	-0.764	-0.187
9:	-1.179	-0.724
10:	1.646	1.908



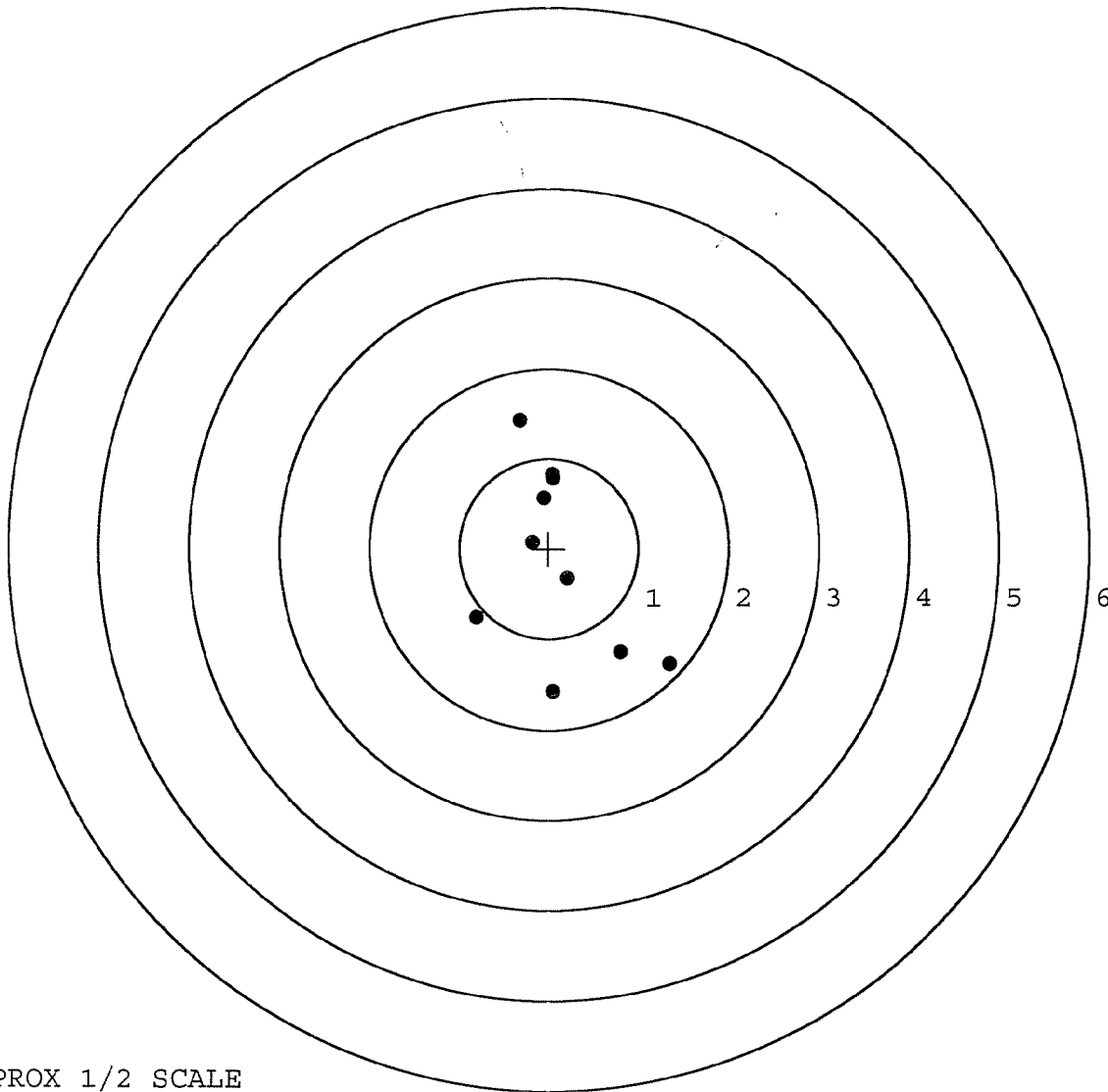
TARGET APPROX 1/2 SCALE

BARBER - M24 0077507

SERIAL NUMBER: C6611472. __0
TARGET NUMBER: 3
FILE DATE: 08/08/2005
FILE TIME: 11:09

POINT#	X	Y
1:	1.343	-1.283
2:	0.802	-1.151
3:	0.052	-1.585
4:	0.212	-0.335
5:	-0.809	-0.773
6:	-0.184	0.071
7:	-0.054	0.562
8:	0.044	0.823
9:	-0.322	1.433
10:	0.052	0.786

X CENTROID: 0.114
Y CENTROID: -0.145
POA TO CENTROID: 0.184
HORZ SPREAD: 2.152
VERT SPREAD: 3.018
GROUP SPREAD: 3.186
MIN RADIUS: 0.214
MAX RADIUS: 1.675
MEAN RADIUS: 1.030
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0077508

SERIAL NUMBER: C6611472. __0

TARGET NUMBER: 4

FILE DATE: 08/08/2005

FILE TIME: 11:09

POINT#	X	Y
1:	0.706	-0.607
2:	0.151	-0.716
3:	-0.696	-1.003
4:	-0.736	-0.595
5:	-0.812	-0.182
6:	-0.249	-0.252
7:	0.131	0.270
8:	0.852	0.451
9:	0.036	1.067
10:	-0.490	0.984

X CENTROID: -0.111

Y CENTROID: -0.058

POA TO CENTROID: 0.125

HORZ SPREAD: 1.664

VERT SPREAD: 2.070

GROUP SPREAD: 2.196

MIN RADIUS: 0.238

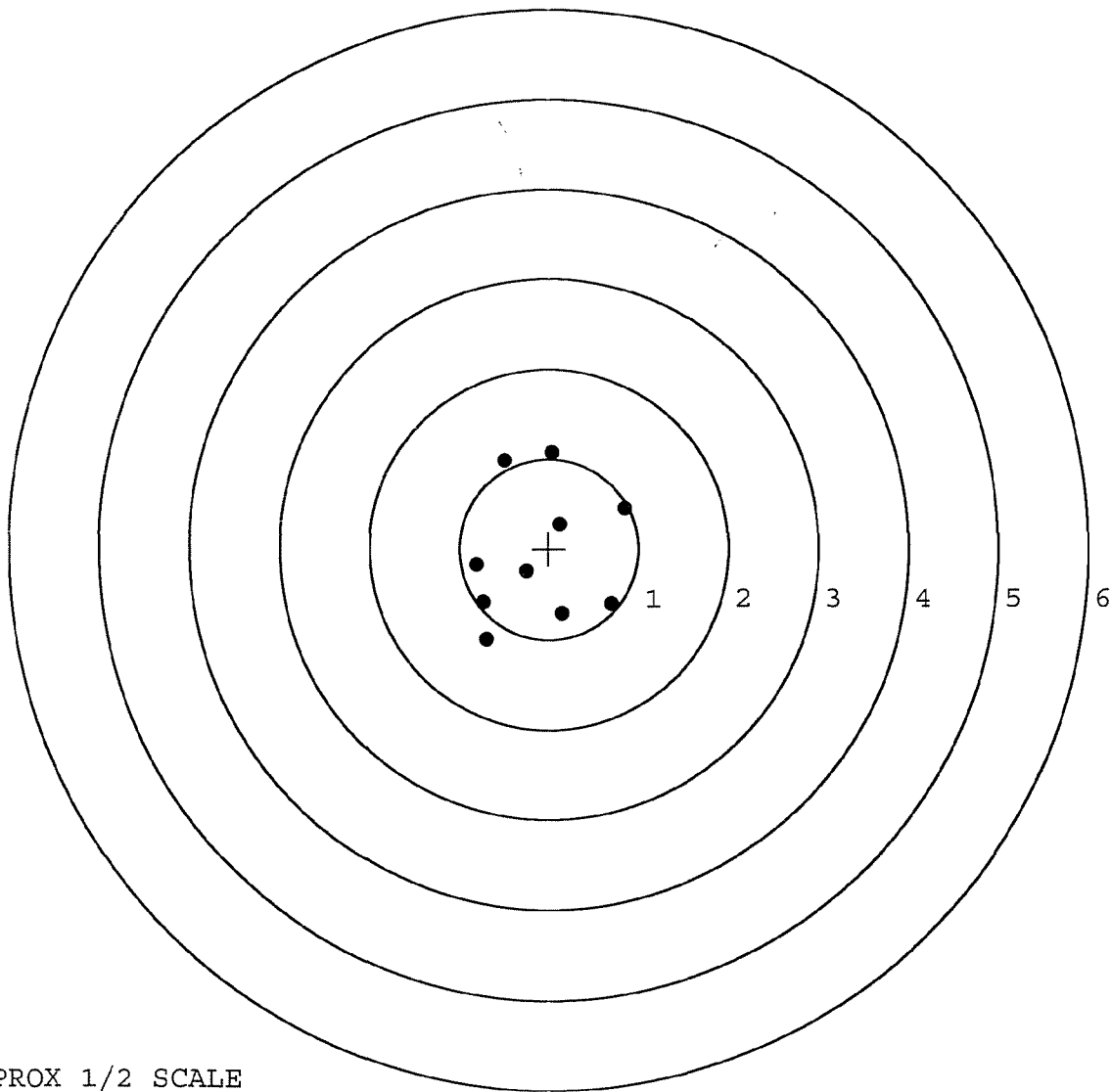
MAX RADIUS: 1.135

MEAN RADIUS: 0.832

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



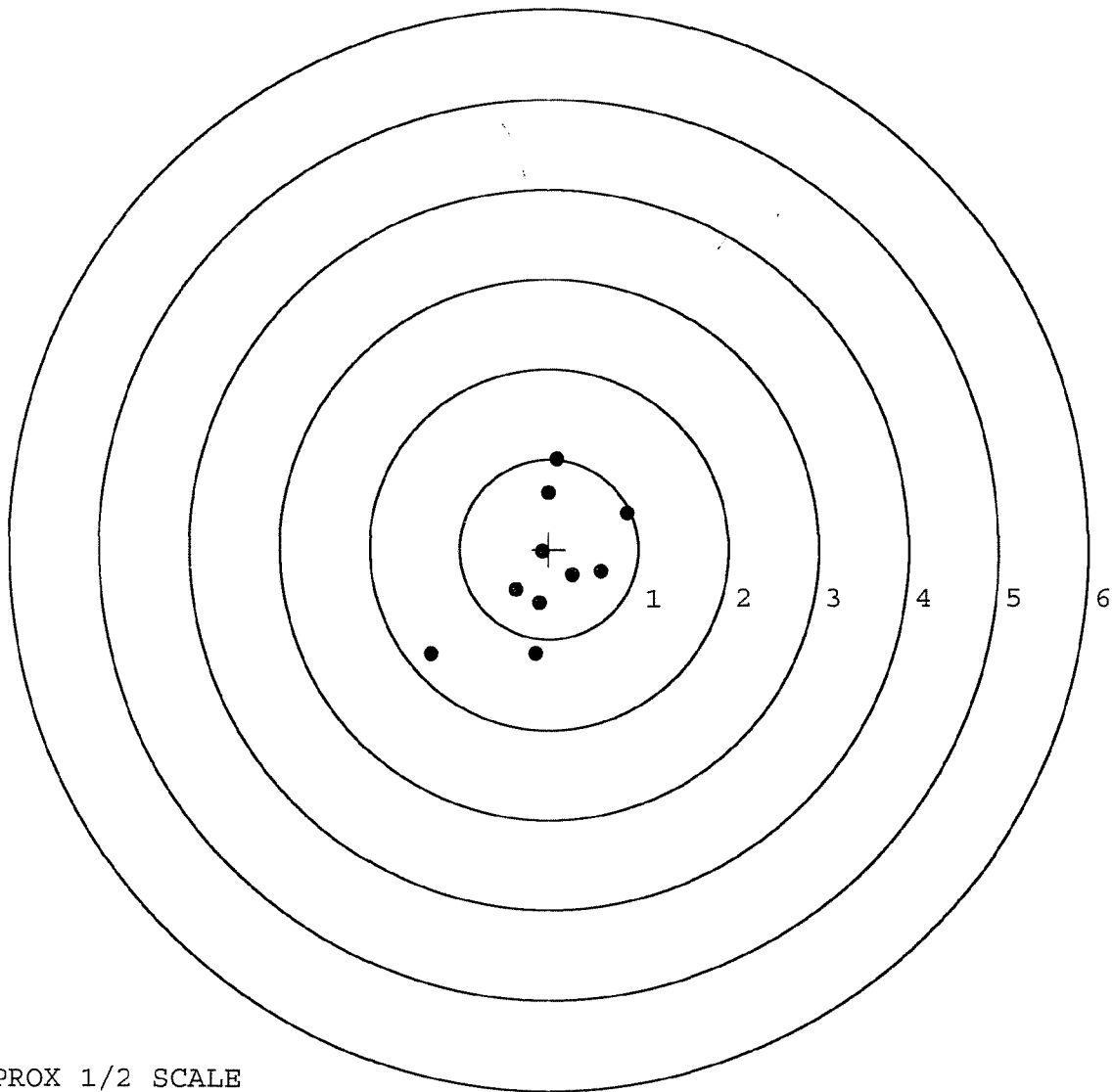
TARGET APPROX 1/2 SCALE

BARBER - M24 0077509

SERIAL NUMBER: C6611472. __0
TARGET NUMBER: 5
FILE DATE: 08/08/2005
FILE TIME: 11:09

POINT#	X	Y
1:	-0.149	-1.162
2:	-1.317	-1.173
3:	-0.113	-0.606
4:	-0.372	-0.460
5:	0.262	-0.293
6:	0.586	-0.251
7:	-0.080	-0.028
8:	0.878	0.401
9:	0.003	0.628
10:	0.087	1.006

X CENTROID: -0.021
Y CENTROID: -0.194
POA TO CENTROID: 0.195
HORZ SPREAD: 2.195
VERT SPREAD: 2.179
GROUP SPREAD: 2.701
MIN RADIUS: 0.176
MAX RADIUS: 1.624
MEAN RADIUS: 0.765
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	98284		
SERIAL NUMBER	C6611472		
LOG-IN DATE	6-29-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	7-5-05	RTL
560 A	RE-BARREL	7-6-05	RTL
B	DRILL AND TAP	7-6-05	TRW
575	ASSEMBLE	7-6-05	RTL
600	PROOF	7-6-05	RTL
605	CHECK HEADSPACE	7-6-05	RTL
610	DIS-ASSEMBLE GUN	7-6-05	RTL
612	MAGNAFLUX	7/6/05	WMS
615	ROLLMARK CALIBER	7-6-05	CW
618	ROTO-BLAST	7/7/05	JS
620	APPLY COATINGS	7-8-05	WJ
625 A	FINAL ASSEMBLY	8-1-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	8-9-05	AC
D	SAFETY "OFF" FORCE	8-9-05	AC
E	FIRING PIN INDENT	8-9-05	AC
640	TARGET	8-8-05	TRW
655	FINAL INSPECT	8-9-05	AC
660	PACK	8-10-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

BARBER - M24 0077511

[illegible]

Remington
REMINGTON & CO. NEW HAVEN, CT 06511
REG. U.S. PAT. & TM. OFF.

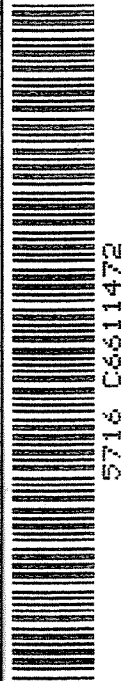
MODEL 700™ H24

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

SERIAL NO.
C6611472

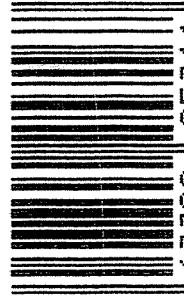
ORDER NO.
5716

MADE IN U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6611472

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611472

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/13/91	K.S.
600	Proof		3/13/91	K.S.
607	Check Headspace		3/13/91	K.S.
610	Dis-assemble Gun		3/13/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		4/1	KR
615	Rollmark Caliber		3/27/91	JS
617	Drill and Tap Sight Holes	APR 3 1991		FB
618	Polish Barrel	APR 3 1991		WB
620	Apply Coatings (Barrel Action)		4-18-91	TH
	Apply Coating (Bolt)			
625	Final Assembly		5/1/91	KS
	A) Clean inside of Bolt Assembly		5/1/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	KS
	C) Inspect Ejector Hole for Chamfer		5/1/91	KS
	D) Oil Firing Pin Ass'y		5/1/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5-15-91	JS

op.	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/15/91	9/1
	G) Safety Off Force	4	4	4			5/15/91	9/1
	H) Trigger Pull Test & Retainability						5-15-91	9/1
	I) Firing Pin Indent	.051	.021	.021			5-15-91	9/1
	J) Assemble Stock						5/15-91	KS
	K) Assemble Swivel Studs						5-20-91	t
	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						5/16-91	DH
	A) Time						5-16-91	DH
	B) Malfunctions						5-16-91	DH
	C) Pierced Primers						5-16-91	DH
	D) Optical Clarity of Scope						5-16-91	DH
645	Inspect for Live Ammo						5-16-91	DH
655	Final Inspection							
	A) Headspace						5-20-91	A-
	B) Trigger Pull	2.59	2.65	2.69	2.70	2.71	5/20/91	9/1
	C) Function						5-20-91	A-
660	Pack						6-19-91	NE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611472DATE 5-15-91TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.33	2.40	2.59	MIN. SETTING,
PULL #2	2.49	2.52	2.45	2.65	NO AVG. OF 5
PULL #3	2.46	2.42	2.49	2.69	READINGS ACCEPT-
PULL #4	2.45	2.38	2.46	2.70	ABLE LESS THAN 2#
PULL #5	2.46	2.46	2.42	2.71	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES			COMMENTS
PULL #1	3.22	3.43			
PULL #2	3.32	3.40			
PULL #3	3.29	3.42			
PULL #4	3.38	3.40			
PULL #5	3.44	3.44			
TOTAL					
AVG.					

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.55		4.41
PULL #2	4.17	4.59		4.58
PULL #3	4.53	4.40		4.38
PULL #4	4.55	4.53		4.43
PULL #5	4.36	4.35		4.48
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611472
16 May 1991

CENTROIDAL DISTANCES

0 TO	1	.349914
1 TO	2	.368925
1 TO	3	.196041
1 TO	4	.59121
1 TO	5	.399846

4
921 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0628
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1284
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .142935

THE AMR FOR THIS RIFLE IS: .9928

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611472

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 3.371

VS = 1.928

GS = 3.462

CENTROID *

PATTERN #

SHOTS (BEST OF)

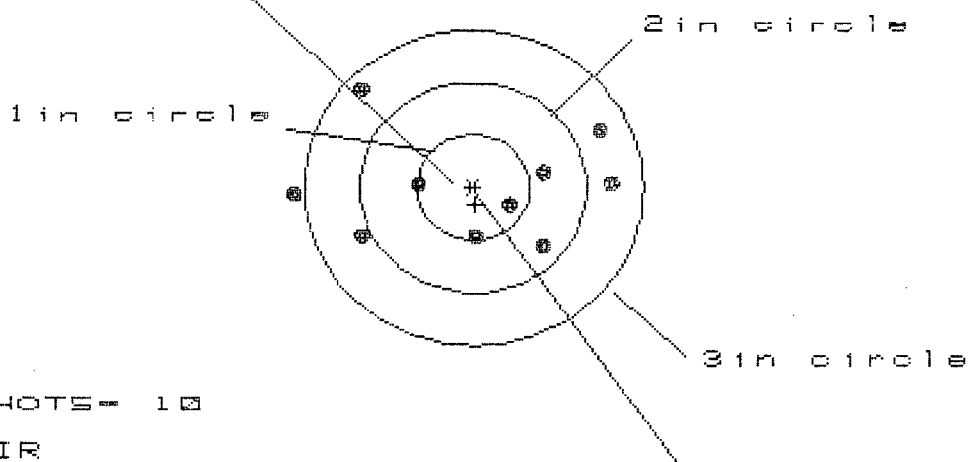
	10	9	8
MAXIMUM X	1.377	1.155	.790
MINIMUM X	-1.994	-.934	-.790
MAXIMUM Y	1.089	1.133	1.089
MINIMUM Y	-.839	-.795	-.839
CENTROID X	.342	.564	.420
CENTROID Y	.074	.030	.074
POA TO CENTROID in.	.350	.565	.426
MIN RADIUS	.340	.228	.276
MEAN RADIUS	1.019	.870	.831
MAX RADIUS	2.033	1.207	1.091
HORIZONTAL SPREAD	3.371	2.089	1.580
VERTICAL SPREAD	1.928	1.928	1.928
EXTREME SPREAD	3.462	2.261	1.957
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611472

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS = 2.809

VS = 1.441

GS = 2.810

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.263	1.091	.952
MINIMUM X	:	-1.546	-1.174	-1.313
MAXIMUM Y	:	.914	.909	.695
MINIMUM Y	:	-.527	-.532	-.418
CENTROID X	:	-.017	.155	.294
CENTROID Y	:	.159	.164	.050
POA TO CENTROID in.	:	.159	.226	.299
MIN RADIUS	:	.399	.255	.076
MEAN RADIUS	:	.924	.825	.700
MAX RADIUS	:	1.547	1.438	1.367
HORIZONTAL SPREAD	:	2.809	2.265	2.265
VERTICAL SPREAD	:	1.441	1.441	1.113
EXTREME SPREAD	:	2.810	2.406	2.406
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			9	

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611472

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.957

VS = 2.265

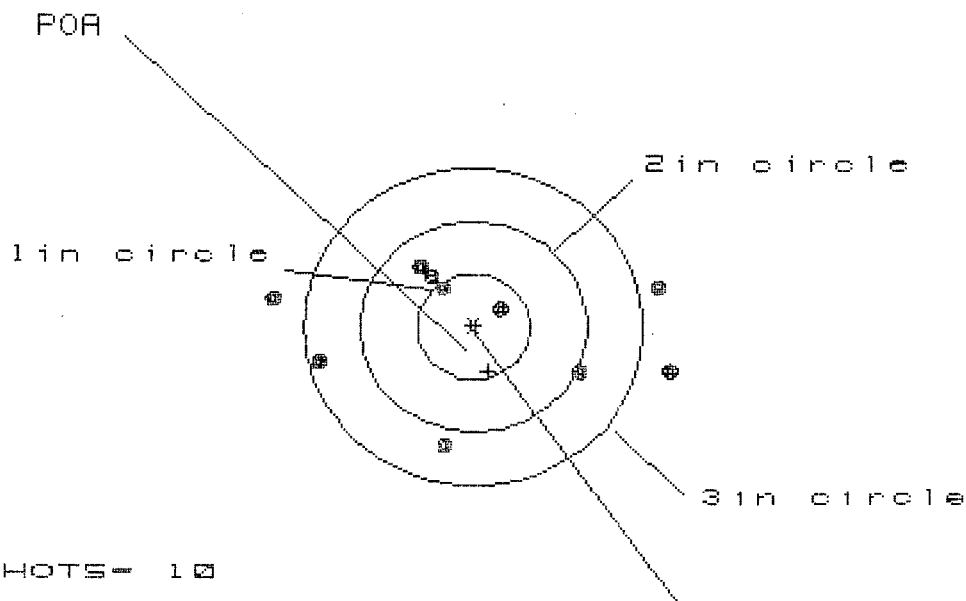
GS = 3.605

PATTERN #	:	3
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.588
MINIMUM X	:	-1.379
MAXIMUM Y	:	1.387
MINIMUM Y	:	-0.878
CENTROID X	:	.146
CENTROID Y	:	.070
POA TO CENTROID in.	:	.162
MIN RADIUS	:	.426
MEAN RADIUS	:	1.031
MAX RADIUS	:	2.109
HORIZONTAL SPREAD	:	2.967
VERTICAL SPREAD	:	2.265
EXTREME SPREAD	:	3.605
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	6
NUMBER IN THREE INCH CIRCLE	=	9

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611472

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 3.486

VS = 1.719

GS = 3.559

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.685	1.485	1.585
MINIMUM X	:	-1.801	-1.538	-1.352
MAXIMUM Y	:	.596	.630	.584
MINIMUM Y	:	-1.123	-1.089	-1.135
CENTROID X	:	-.133	.067	-.119
CENTROID Y	:	.426	.392	.438
POA TO CENTROID in.	:	.446	.397	.454
MIN RADIUS	:	.309	.215	.290
MEAN RADIUS	:	1.088	1.088	.913
MAX RADIUS	:	1.827	1.563	1.616
HORIZONTAL SPREAD	:	3.486	3.023	2.937
VERTICAL SPREAD	:	1.719	1.719	1.719
EXTREME SPREAD	:	3.559	3.024	3.007
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611472

CENTERFIRE PATTERNS

5

POA *

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS = 2.419

VS = 2.542

GS = 2.883

CENTROID *

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.112	1.193	1.040
MINIMUM X	-1.307	-1.226	-1.013
MAXIMUM Y	1.006	.835	.877
MINIMUM Y	-1.536	-.667	-.625
CENTROID X	-.024	-.105	.048
CENTROID Y	-.087	.084	.042
POA TO CENTROID in.	.090	.134	.064
MIN RADIUS	.367	.447	.288
MEAN RADIUS	.902	.802	.715
MAX RADIUS	1.700	1.271	1.190
HORIZONTAL SPREAD	2.419	2.419	2.053
VERTICAL SPREAD	2.542	1.502	1.502
EXTREME SPREAD	2.883	2.531	2.069
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		