

C6611472

MODEL 700™ M24

Model S&S™

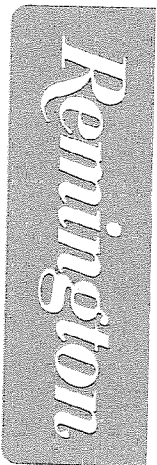
Action _____

Barrel Length _____

Capacity _____

Order No. 5716

*Includes 1 in chamber.



Remington

SV Repair Inquiry

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**

BLDG 1053 SUITE 105

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

hagletj

7/5/2005

8:14 AM

CAPS

NUM

INS

SOPL

start



Arms Services IS



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

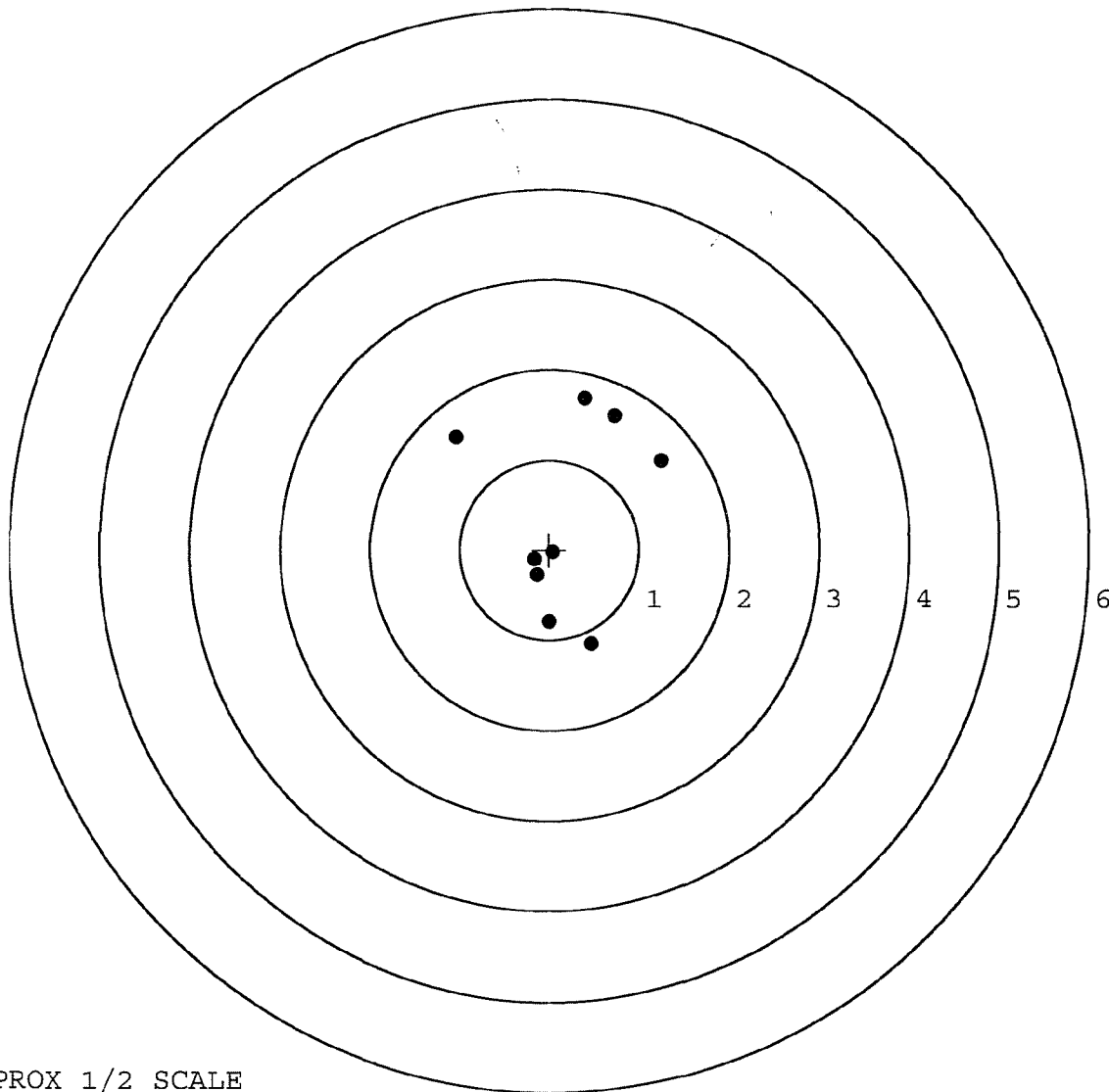
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

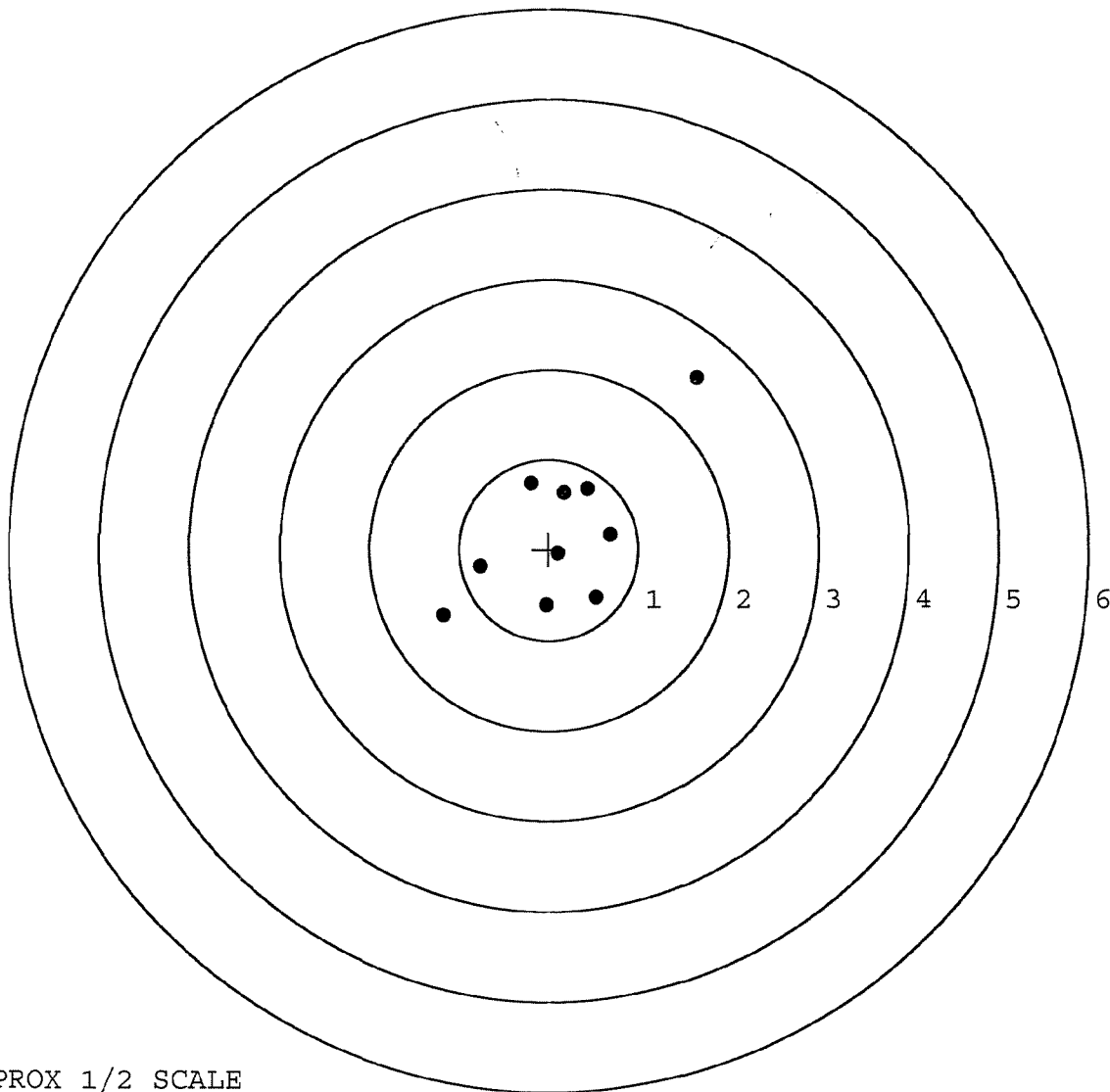


TARGET APPROX 1/2 SCALE

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

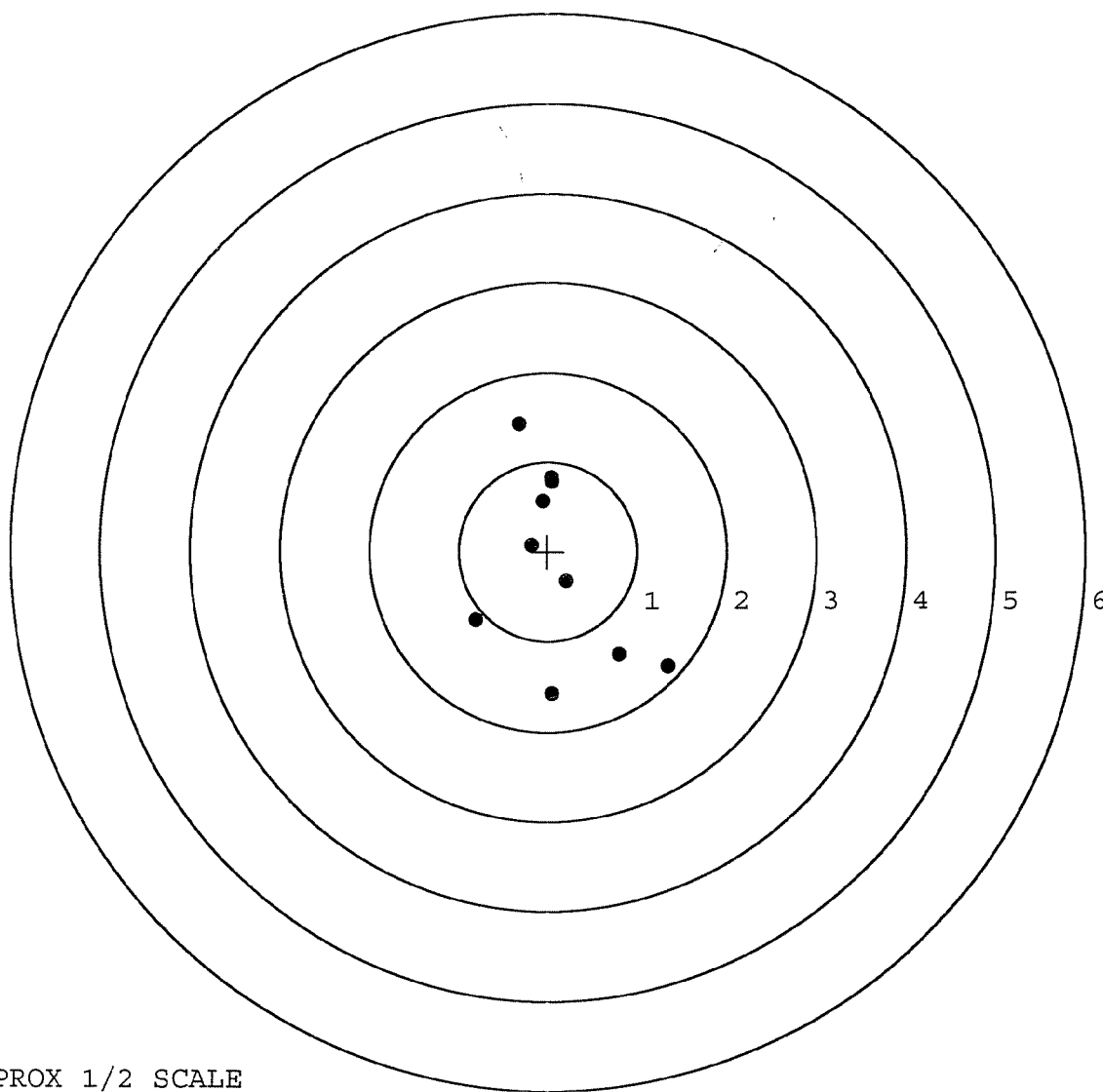


TARGET APPROX 1/2 SCALE

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

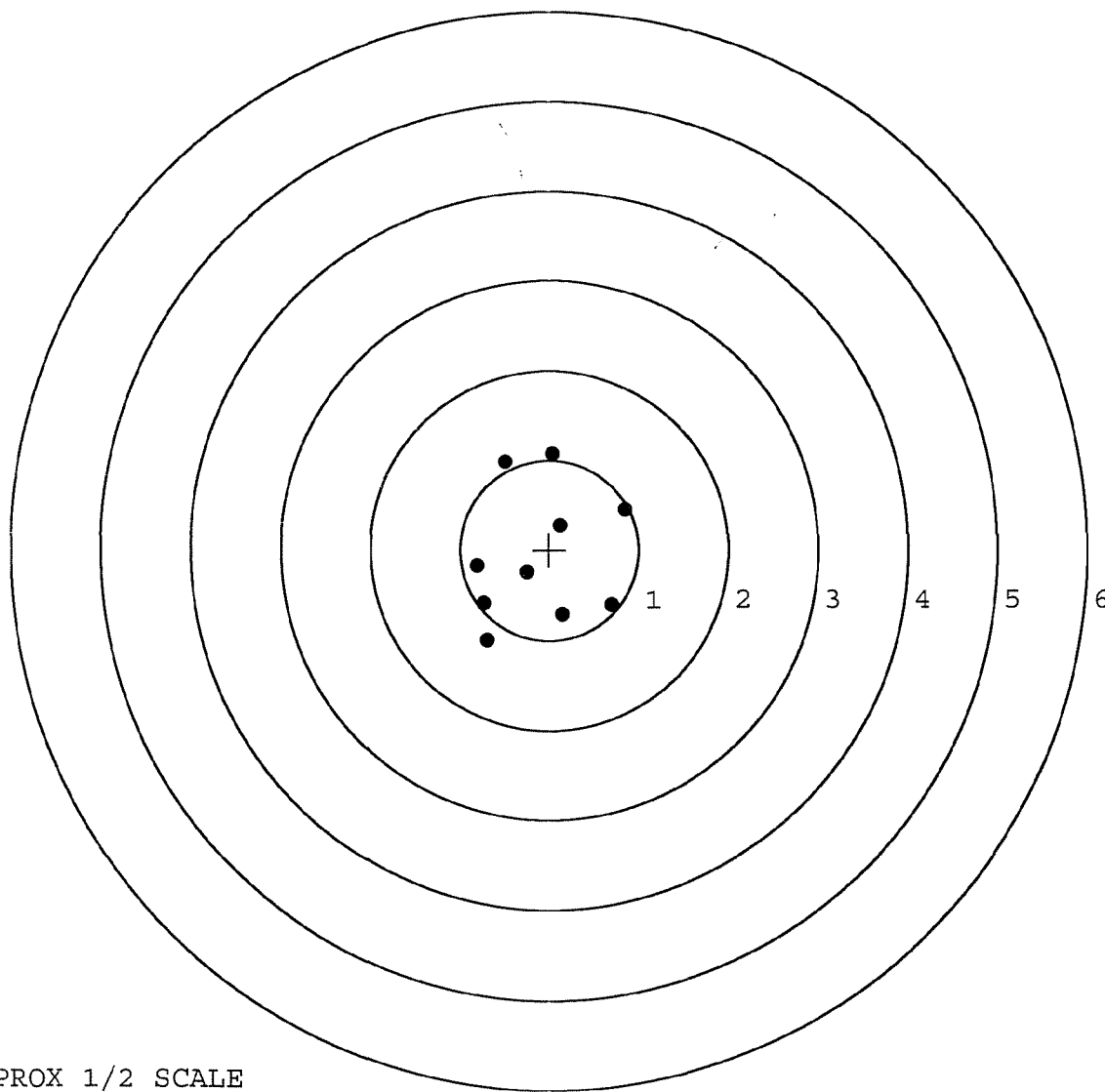


TARGET APPROX 1/2 SCALE

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

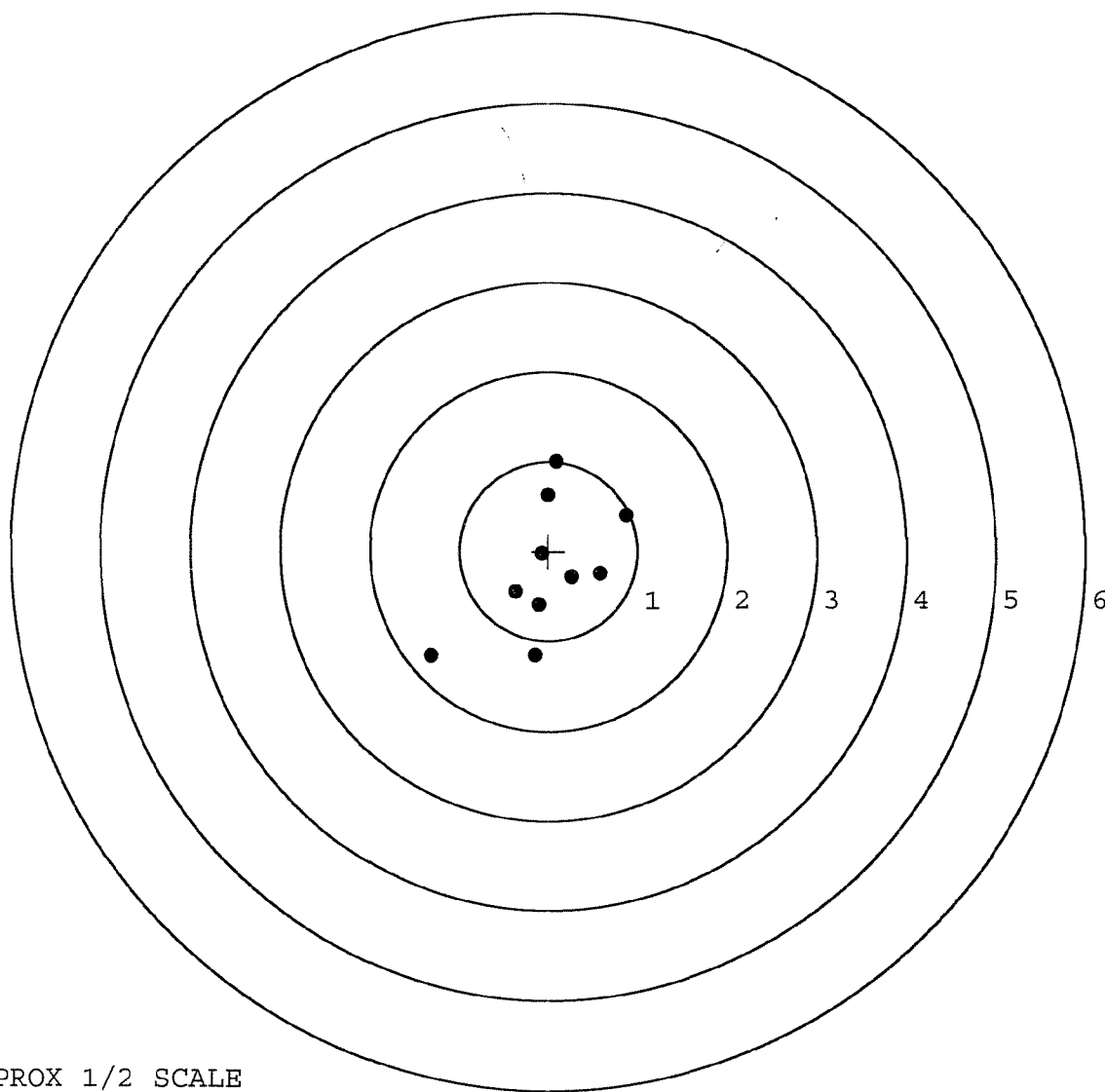


TARGET APPROX 1/2 SCALE

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	

[illegible]

Remington
 MODEL 700™ H24

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

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

SERIAL NO.
 C6611472

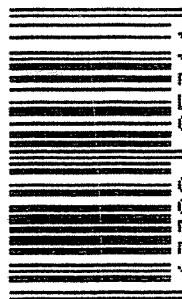
ORDER NO.
 5716

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



5716 C6611472

UPC



0 47700 25716 2

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 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. #	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

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6611472

DATE 5-15-91

TESTER 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

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.809

VS= 1.441

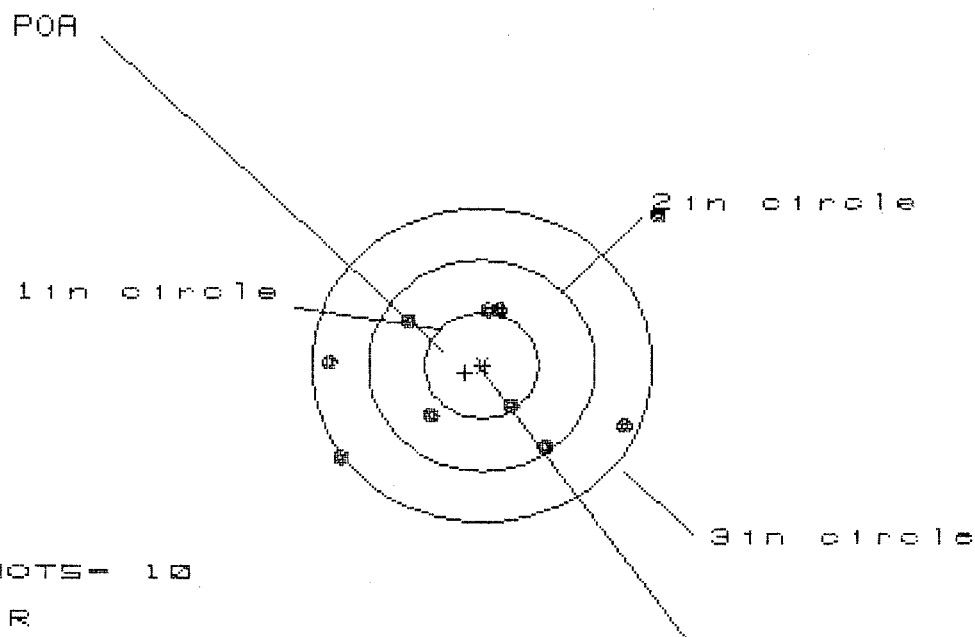
GS= 2.810

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



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.957

VS = 2.265

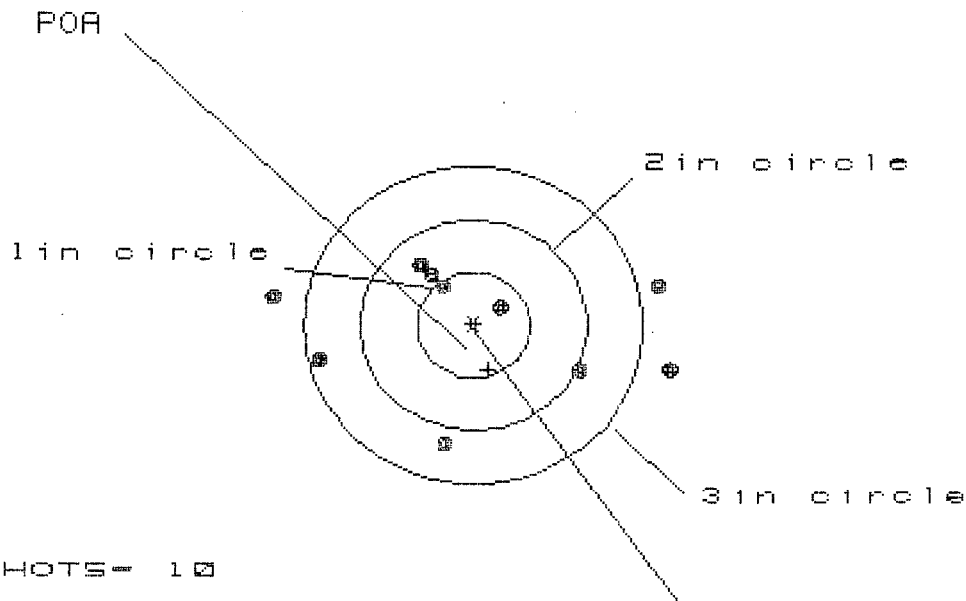
GS = 3.605

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.588	1.439	1.309
MINIMUM X	:	-1.379	-1.202	-1.332
MAXIMUM Y	:	1.387	.721	.631
MINIMUM Y	:	-.878	-.724	-.726
CENTROID X	:	.146	-.031	.099
CENTROID Y	:	.070	-.084	.006
POA TO CENTROID in.	:	.162	.090	.099
MIN RADIUS	:	.426	.394	.401
MEAN RADIUS	:	1.031	.896	.837
MAX RADIUS	:	2.109	1.488	1.391
HORIZONTAL SPREAD	:	2.967	2.641	2.641
VERTICAL SPREAD	:	2.265	1.445	1.357
EXTREME SPREAD	:	3.605	2.702	2.702
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	9	8
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 *

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.419

VS= 2.542

GS= 2.883

CENTROID *

PATTERN #	:	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	