

06587690

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00111980

Serial: C6587690 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 5/9/2006 8:12:15 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: JUSTIN OLDHAM

JUSTIN OLDHAM

Address 1: 41ST BCT HHC 1/180

41ST BCT HHC 1/180

Address 2:

PO Box:

PO Box:

City: CAMP SHELBY

CAMP SHELBY

State: MS

Zip Code: 39407

Country: US

State: MS

Zip Code: 39407

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

inaglei

5/9/2006

9:11 AM

CAPS

NUM

INS.

SCRL

start

2 Mic...

Part S...

2 SA...

2 Mic...

2 Int...

Arms S...

9:11 AM

Serial Number:

C6587690

Model: M24 SWS



RE00111980

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587690.___0
FILE DATE AND TIME: 05/22/2006 08:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.026
The Average Y Centroid of the Five Target Set:	-0.051
The Average Point of Impact of the Five Target Set:	0.057
The Average Mean Radius of the Five Target Set:	0.807
The Distance from POA to Centroid Target #1:	0.213
The Distance from Centroid Target #2 to Centroid Target #1:	0.390
The Distance from Centroid Target #3 to Centroid Target #1:	0.342
The Distance from Centroid Target #4 to Centroid Target #1:	0.282
The Distance from Centroid Target #5 to Centroid Target #1:	0.075

SERIAL NUMBER: C6587690. __0

TARGET NUMBER: 1

FILE DATE: 05/22/2006

FILE TIME: 08:26

X CENTROID: 0.027

Y CENTROID: -0.211

POA TO CENTROID: 0.213

HORZ SPREAD: 2.270

VERT SPREAD: 1.733

GROUP SPREAD: 2.421

MIN RADIUS: 0.535

MAX RADIUS: 1.508

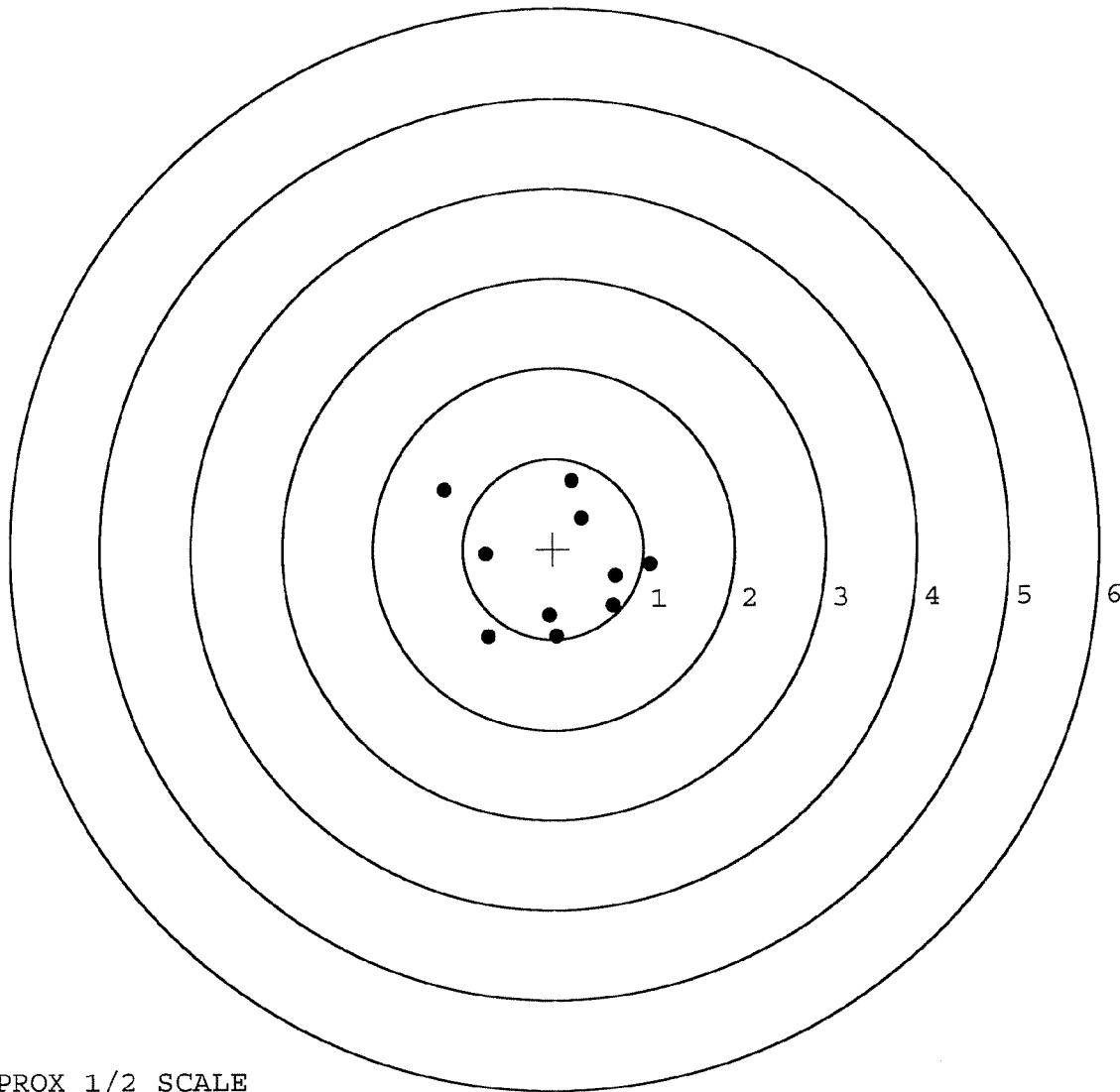
MEAN RADIUS: 0.876

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.070	-0.176
2:	0.689	-0.301
3:	0.663	-0.640
4:	-0.041	-0.742
5:	0.035	-0.978
6:	-0.724	-0.978
7:	-0.751	-0.058
8:	0.317	0.340
9:	0.208	0.755
10:	-1.200	0.666

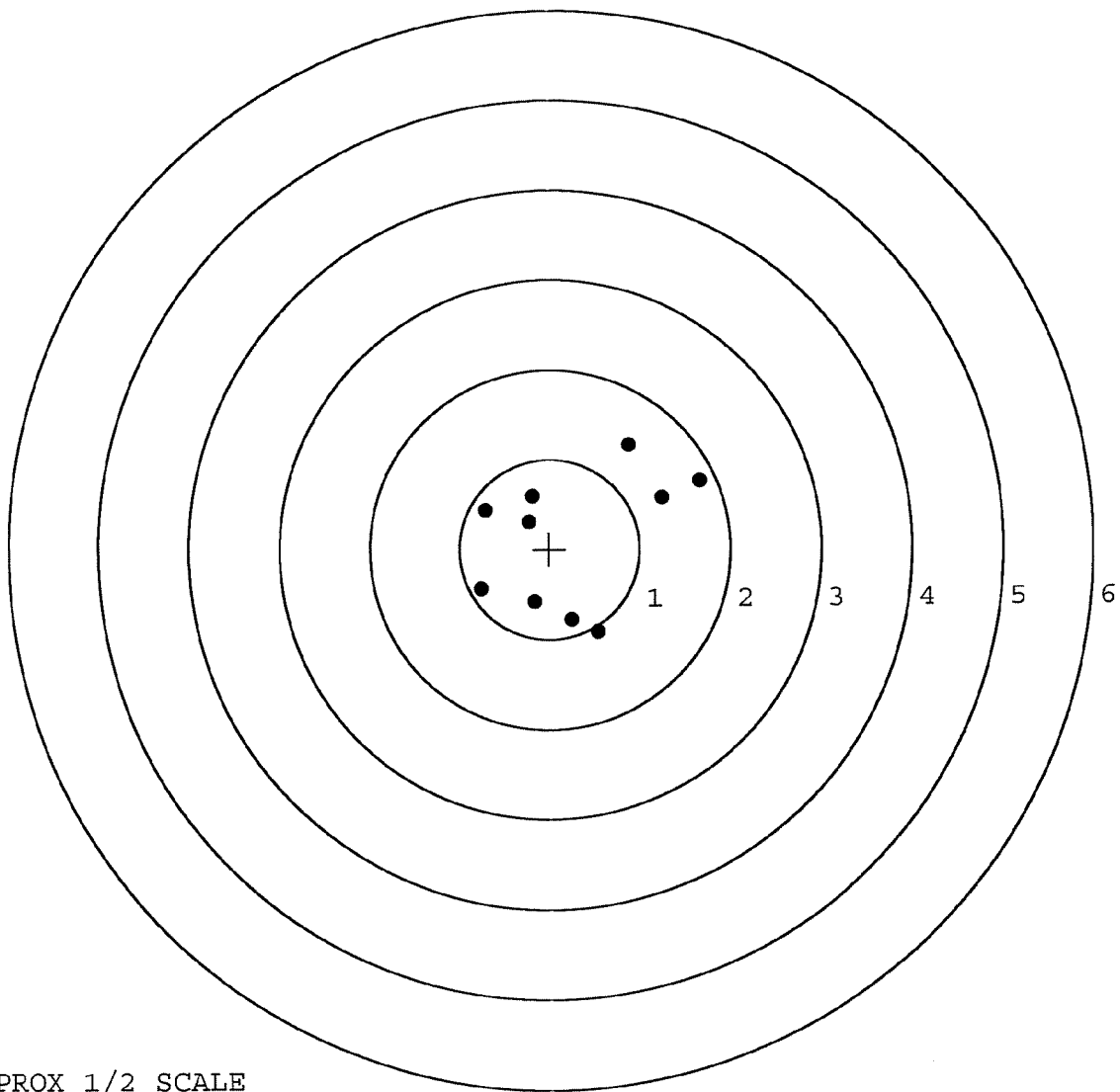


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587690. __0
 TARGET NUMBER: 2
 FILE DATE: 05/22/2006
 FILE TIME: 08:26

POINT#	X	Y
1:	0.535	-0.924
2:	0.253	-0.788
3:	-0.167	-0.592
4:	-0.761	-0.444
5:	-0.229	0.305
6:	-0.192	0.590
7:	-0.711	0.436
8:	1.250	0.570
9:	1.665	0.754
10:	0.885	1.158

X CENTROID: 0.253
 Y CENTROID: 0.106
 POA TO CENTROID: 0.274
 HORZ SPREAD: 2.426
 VERT SPREAD: 2.082
 GROUP SPREAD: 2.706
 MIN RADIUS: 0.521
 MAX RADIUS: 1.554
 MEAN RADIUS: 1.001
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9

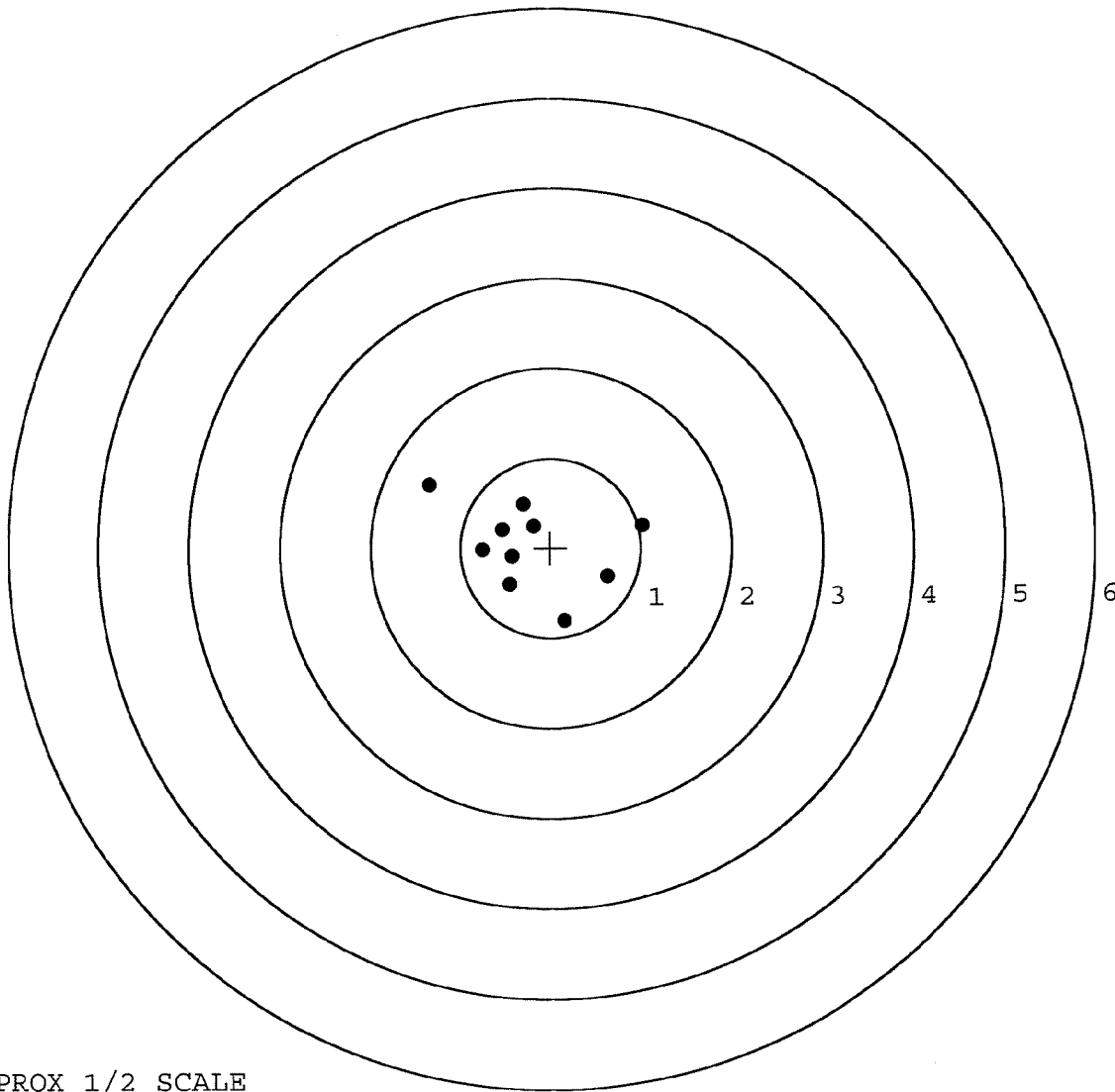


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587690. 0
 TARGET NUMBER: 3
 FILE DATE: 05/22/2006
 FILE TIME: 08:26

X CENTROID: -0.221
 Y CENTROID: 0.024
 POA TO CENTROID: 0.222
 HORZ SPREAD: 2.357
 VERT SPREAD: 1.534
 GROUP SPREAD: 2.403
 MIN RADIUS: 0.220
 MAX RADIUS: 1.317
 MEAN RADIUS: 0.674
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.016	0.248
2:	0.629	-0.321
3:	0.160	-0.817
4:	-0.454	-0.408
5:	-0.428	-0.099
6:	-0.757	-0.021
7:	-0.536	0.211
8:	-0.193	0.242
9:	-0.306	0.489
10:	-1.341	0.717

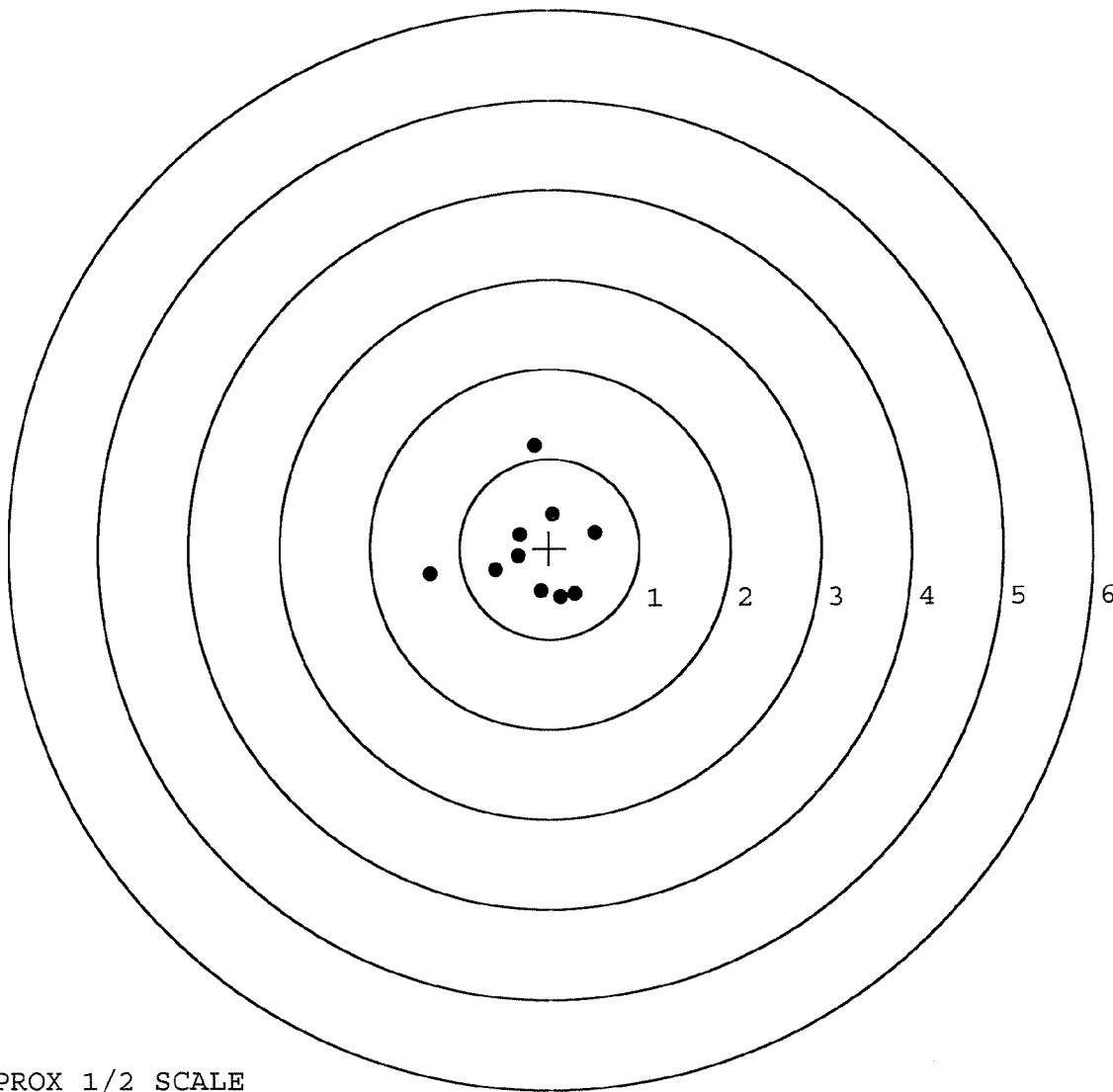


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587690. __0
 TARGET NUMBER: 4
 FILE DATE: 05/22/2006
 FILE TIME: 08:26

X CENTROID: -0.191
 Y CENTROID: -0.031
 POA TO CENTROID: 0.194
 HORZ SPREAD: 1.837
 VERT SPREAD: 1.689
 GROUP SPREAD: 1.844
 MIN RADIUS: 0.170
 MAX RADIUS: 1.175
 MEAN RADIUS: 0.613
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.507	0.172
2:	0.285	-0.509
3:	-0.096	-0.479
4:	0.039	0.374
5:	-0.328	0.150
6:	-0.603	-0.242
7:	-1.330	-0.284
8:	-0.162	1.143
9:	0.126	-0.546
10:	-0.350	-0.093



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587690. __0

TARGET NUMBER: 5

FILE DATE: 05/22/2006

FILE TIME: 08:26

X CENTROID: 0.000

Y CENTROID: -0.141

POA TO CENTROID: 0.141

HORZ SPREAD: 1.575

VERT SPREAD: 2.772

GROUP SPREAD: 2.860

MIN RADIUS: 0.109

MAX RADIUS: 1.630

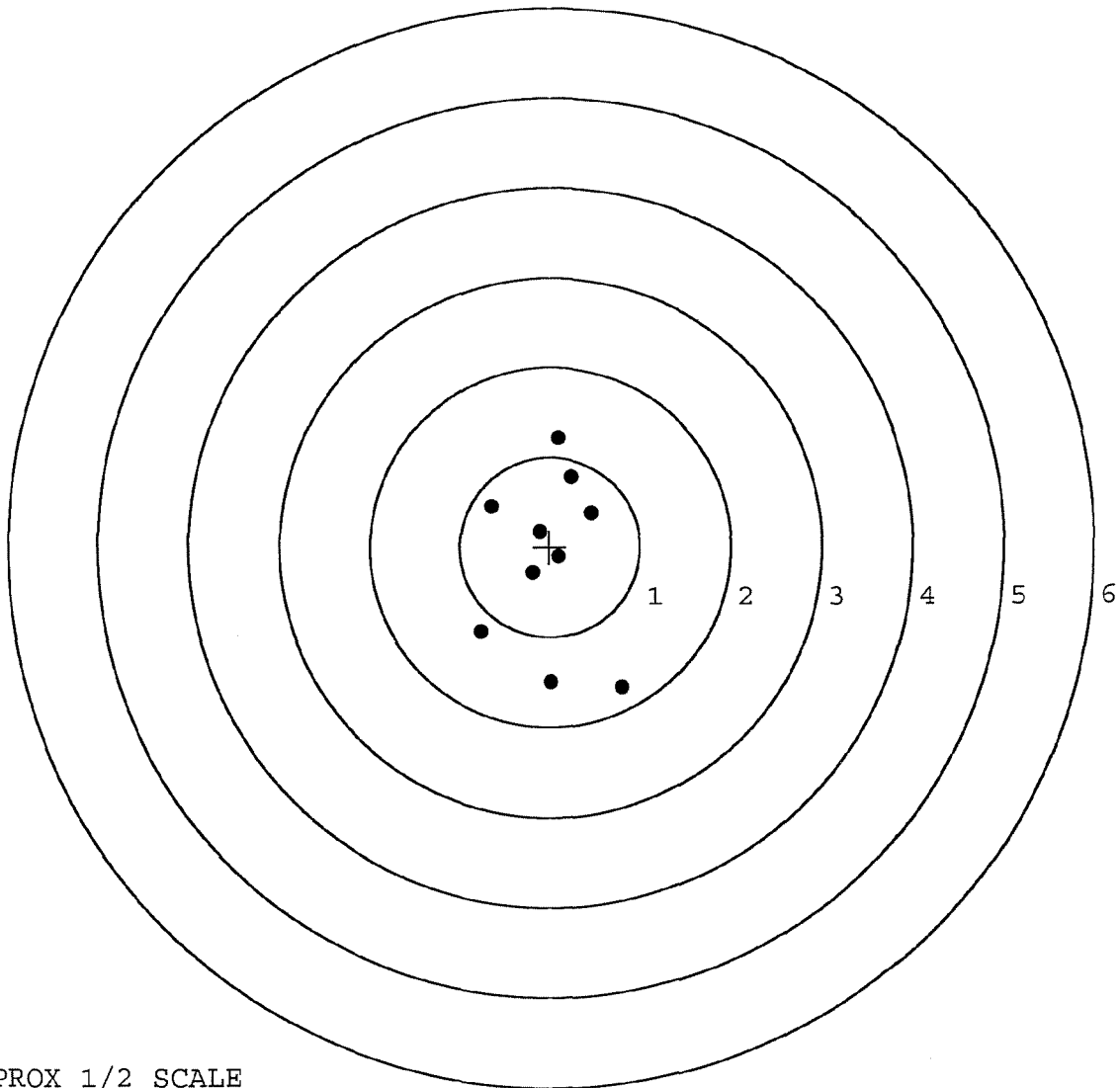
MEAN RADIUS: 0.869

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.803	-1.560
2:	0.017	-1.512
3:	-0.772	-0.942
4:	-0.188	-0.289
5:	0.105	-0.109
6:	-0.118	0.168
7:	0.465	0.383
8:	0.244	0.782
9:	-0.652	0.454
10:	0.100	1.212



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	111980				
SERIAL NUMBER	C6587690				
LOG-IN DATE	5-9-06				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		5-10-06	RTZ	
505	RE-BARREL		5-12-06	RTZ	
560	ASSEMBLE		5-12-06	RTZ	
600	PROOF	MAGNA-FLUX	5-12-06	TRW	
605	CHECK HEADSPACE	INSPECTED	5-12-06	TRW	
610	DIS-ASSEMBLE GUN	MAY 12 2006	5-12-06	RTZ	
612	MAGNAFLUX	OPERATOR <i>unab</i>	5-12-06	<i>unab</i>	
510	DRILL AND TAP		5-12-06	TRW	
615	ROLLMARK CALIBER		5-12-06	CW	
618	ROTO-BLAST		5-12-06	LB	
620	APPLY COATINGS		5-15-06	<i>BB</i>	
625	FINAL ASSEMBLY		5-17-06	RTZ	
640	FUNCTION TEST AND	(PASS) FAIL	5-22-06	TRW	
650	TARGET	(PASS) FAIL	5-22-06	TRW	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	5-22-06	R.P	
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION		5-23-06	MTM	
	A) HEADSPACE	(PASS) FAIL	5-23-06	MTM	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS			
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5 lbs 5 lbs 5 lbs	MTM	
	G) SAFETY OFF FORCE	2 LBS MIN	2 lbs 2 lbs 2 lbs	MTM	
	I) FIRING PIN INDENT	.020	.021 .021 .021	MTM	
690	PACK		5-26-06	<i>BA</i>	

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

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

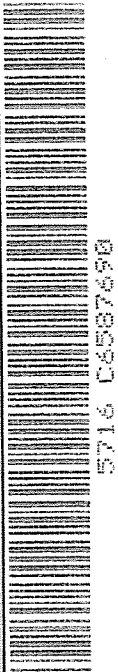
DUPONT

MODEL 700™ M24

SERIAL NO.
C6587690

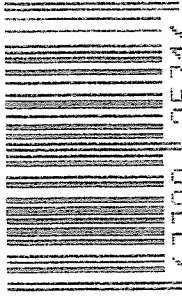
ORDER NO.
5716

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



5716 C6587690

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587690

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	50	RW
600	Proof	1019	90	RW
607	Check Headspace	1019	90	RW
610	Dis-assemble Gun	1019	90	RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	JS
617	Drill and Tap Sight Holes		10/26/90	LB
618	Polish Barrel RB		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-15-91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 1/2	3 1/2	3 1/2			1/18/91	WB
	G) Safety Off Force	2	2	2			1/18/91	WB
	H) Trigger Pull Test & Retainability						1-15-91	JJ
	I) Firing Pin Indent	.0205	.0205	.0205			1/18/91	WB
	J) Assemble Stock						1/18/91	RW
	K) Assemble Swivel Studs						2-1-91	AC
	L) Attach Front and Rear Sight Assemblies						1/18/91	RW
	M) Iron Sight Alignment						1/18/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/18/91	RW
	O) Attach Scope to Rifle						1/18/91	RW
	P) Detach & Attach Scope 20 Times						1/18/91	RW
640	Gallery Target & Test						1/18/91	K2
	A) Time						"	K2
	B) Malfunctions						"	K2
	C) Pierced Primers						"	K2
	D) Optical Clarity of Scope						"	K2
645	Inspect for Live Ammo						1/18/91	KJ
655	Final Inspection							
	A) Headspace						2-1-91	AC
	B) Trigger Pull	2.29	2.26	2.23	2.30	2.34	1-23-91	JJ
	C) Function						2-1-91	AC
660	Pack						3-19-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587690

DATE 1-15-91

TESTER JLL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.42	2.40	2.29	MIN. SETTING,
PULL #2	2.37	2.40	2.43	2.26	NO AVG. OF 5
PULL #3	2.53	2.41	2.46	2.23	READINGS ACCEPT-
PULL #4	2.51	2.46	2.40	2.30	ABLE LESS THAN 2#
PULL #5	2.42	2.44	2.40	2.34	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.38		
PULL #2	3.37	3.34		
PULL #3	3.39	3.36		
PULL #4	3.37	3.31		
PULL #5	3.31	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.35		4.20
PULL #2	4.27	4.28		4.23
PULL #3	4.29	4.18		4.21
PULL #4	4.23	4.23		4.14
PULL #5	4.16	4.19		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587690
19 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.322667
1 TO	2	.525929
1 TO	3	.30088
1 TO	4	.2903
1 TO	5	.23895

62 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.027
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.154
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .156349
THE AMR FOR THIS RIFLE IS: 1.11

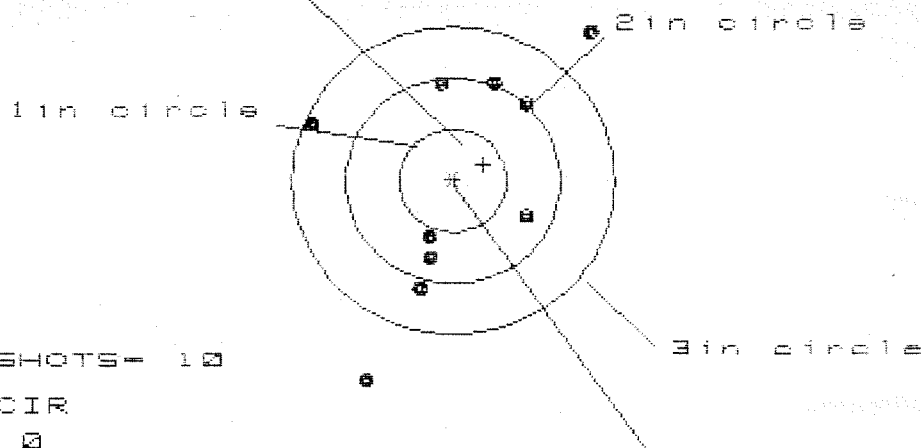
18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587690

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS= 2.657

VS= 3.478

GS= 4.086

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.299	1.205	.781
MINIMUM X	-1.358	-1.452	-1.301
MAXIMUM Y	1.502	1.282	.875
MINIMUM Y	-1.976	-1.269	-1.108
CENTROID X	-.283	-.189	-.340
CENTROID Y	-.155	.065	-.096
POA TO CENTROID in.	.323	.200	.353
MIN RADIUS	.596	.723	.633
MEAN RADIUS	1.192	1.075	.976
MAX RADIUS	2.149	1.760	1.400
HORIZONTAL SPREAD	2.657	2.657	2.082
VERTICAL SPREAD	3.478	2.551	1.983
EXTREME SPREAD	4.086	3.006	2.274
NUMBER IN ONE INCH CIRCLE	= 0		
NUMBER IN TWO INCH CIRCLE	= 4		
NUMBER IN THREE INCH CIRCLE	= 6		

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8587890

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in - 0

2in - 2

3in = 5

HS= 3.658

VS= 3.404

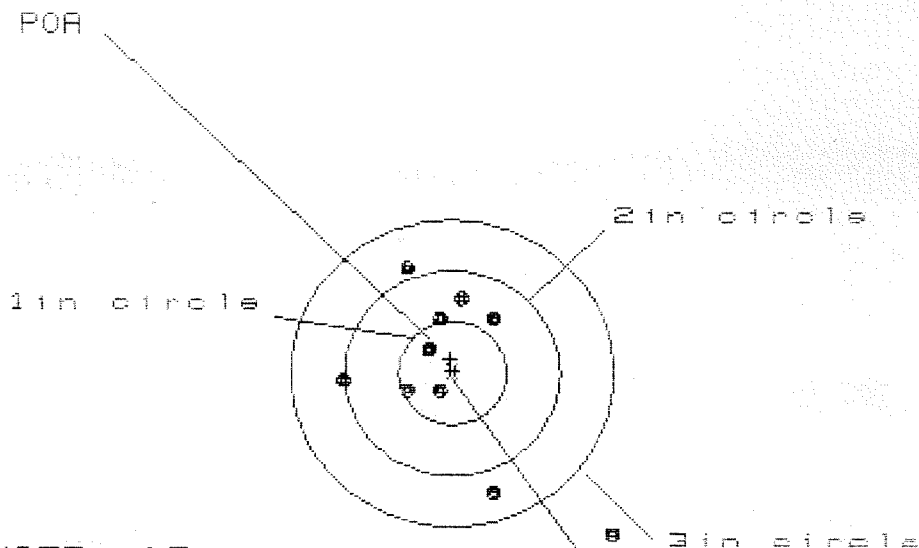
GS= 3.662

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.569	1.621	1.366
MINIMUM X	:	-2.089	-2.037	-1.015
MAXIMUM Y	:	1.238	.997	.995
MINIMUM Y	:	-2.166	-1.528	-1.530
CENTROID X	:	.241	.189	.444
CENTROID Y	:	-.110	.131	.133
POA TO CENTROID in.	:	.265	.230	.463
MIN RADIUS	:	.714	.599	.397
MEAN RADIUS	:	1.470	1.347	1.222
MAX RADIUS	:	2.216	2.037	1.836
HORIZONTAL SPREAD	:	3.658	3.658	2.381
VERTICAL SPREAD	:	3.404	2.525	2.525
EXTREME SPREAD	:	3.662	3.662	3.012
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		2	
NUMBER IN THREE INCH CIRCLE	=		5	

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6587690

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS = 2.449

VS = 2.607

GS = 3.212

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.455
MINIMUM X	-.994
MAXIMUM Y	1.052
MINIMUM Y	-1.555
CENTROID X	.017
CENTROID Y	-.132
POA TO CENTROID in.	.133
MIN RADIUS	.199
MEAN RADIUS	.845
MAX RADIUS	2.130
HORIZONTAL SPREAD	2.449
VERTICAL SPREAD	2.607
EXTREME SPREAD	3.212
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	9

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06387690

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.220

VS= 2.646

GS= 2.802

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.131	1.188	1.145
MINIMUM X	:	-1.089	-1.032	-1.075
MAXIMUM Y	:	1.280	1.129	.766
MINIMUM Y	:	-1.366	-1.023	-.882
CENTROID X	:	-.008	-.065	-.022
CENTROID Y	:	-.062	.089	-.052
POA TO CENTROID in.	:	.063	.111	.056
MIN RADIUS	:	.327	.313	.313
MEAN RADIUS	:	.921	.851	.800
MAX RADIUS	:	1.461	1.286	1.320
HORIZONTAL SPREAD	:	2.220	2.220	2.220
VERTICAL SPREAD	:	2.646	2.152	1.648
EXTREME SPREAD	:	2.802	2.484	2.484
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06587690

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 8

HS= 2.004

VS= 3.389

GS= 3.389

CENTROID *

PATTERN #	:	5
SHOTS (BEST OF)	:	10 9 8
MAXIMUM X	:	1.182 1.183 1.195
MINIMUM X	:	-0.822 -0.821 -0.809
MAXIMUM Y	:	1.651 1.458 1.152
MINIMUM Y	:	-1.737 -1.085 -0.903
CENTROID X	:	-0.102 -0.103 -0.115
CENTROID Y	:	-0.311 -0.118 -0.300
POR TO CENTROID in.	:	.327 .157 .321
MIN RADIUS	:	.563 .729 .565
MEAN RADIUS	:	1.120 1.055 .978
MAX RADIUS	:	1.737 1.461 1.306
HORIZONTAL SPREAD	:	2.004 2.004 2.004
VERTICAL SPREAD	:	3.389 2.543 2.055
EXTREME SPREAD	:	3.389 2.703 2.340
NUMBER IN ONE INCH CIRCLE	=	0
NUMBER IN TWO INCH CIRCLE	=	3
NUMBER IN THREE INCH CIRCLE	=	8