

C6611725

MODEL 700™ M24

Model S&S™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

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

Repair Inquiry

Repair Number: **RE00092996** Serial: C6611725 Model: M24 SWS - Camar Fire
 Verify Repair: Caliber: 7.62 NATO Produced: 05/18/1991 Repairman: Status: Closed 2/11/2005 7:31:40 AM

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON 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	Front and Rear Sgt Base	1

Repair Search Refresh Close

logtel 2/14/2005 9:13 AM CAPS NUM INS SCPL

start 5 2 3 Arms Service

Serial Number: **C6611725**

Model: **M24 SWS**



RE00092996

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611725.___0

FILE DATE AND TIME: 04/04/2005 07:08

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.148
The Average Y Centroid of the Five Target Set:	0.306
The Average Point of Impact of the Five Target Set:	0.340
The Average Mean Radius of the Five Target Set:	1.009
The Distance from POA to Centroid Target #1:	0.139
The Distance from Centroid Target #2 to Centroid Target #1:	0.084
The Distance from Centroid Target #3 to Centroid Target #1:	0.654
The Distance from Centroid Target #4 to Centroid Target #1:	1.829
The Distance from Centroid Target #5 to Centroid Target #1:	0.341

SERIAL NUMBER: C6611725. __0

TARGET NUMBER: 1

FILE DATE: 04/04/2005

FILE TIME: 07:08

POINT#	X	Y
1:	-1.500	-0.468
2:	-0.758	0.843
3:	-0.315	1.656
4:	0.097	0.334
5:	0.307	0.355
6:	-0.256	-0.439
7:	0.199	-0.113
8:	0.643	-0.184
9:	0.486	-0.396
10:	0.319	-0.440

X CENTROID: -0.078

Y CENTROID: 0.115

POA TO CENTROID: 0.139

HORZ SPREAD: 2.143

VERT SPREAD: 2.124

GROUP SPREAD: 2.432

MIN RADIUS: 0.280

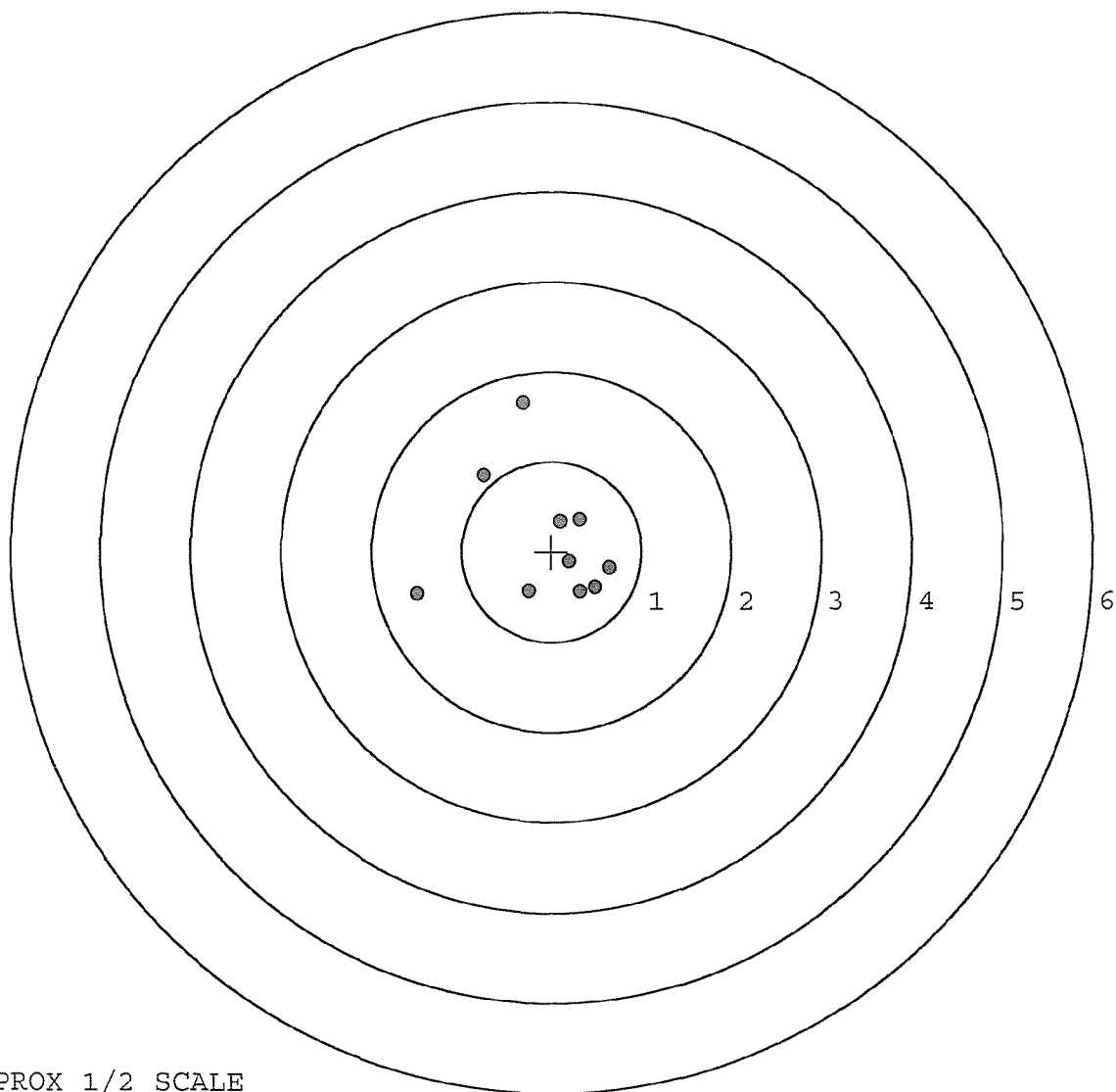
MAX RADIUS: 1.559

MEAN RADIUS: 0.799

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611725. __0

TARGET NUMBER: 2

FILE DATE: 04/04/2005

FILE TIME: 07:08

POINT#	X	Y
1:	2.009	-0.886
2:	0.683	-0.252
3:	1.755	1.167
4:	0.033	-0.471
5:	-0.423	-1.181
6:	-0.389	0.194
7:	-0.052	0.503
8:	0.327	1.083
9:	-2.013	0.319
10:	-1.967	1.066

X CENTROID: -0.004

Y CENTROID: 0.154

POA TO CENTROID: 0.154

HORZ SPREAD: 4.022

VERT SPREAD: 2.348

GROUP SPREAD: 4.429

MIN RADIUS: 0.352

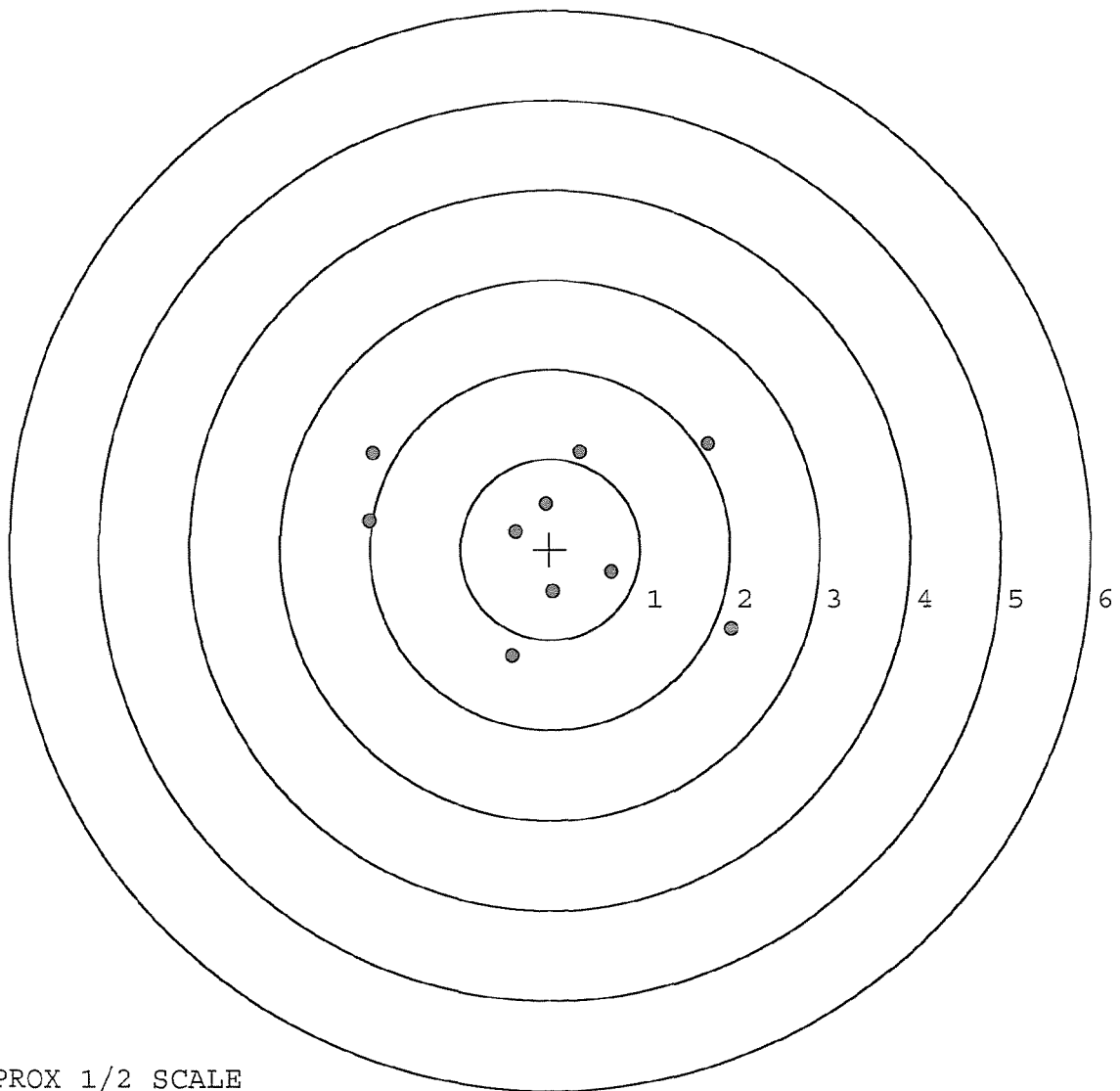
MAX RADIUS: 2.266

MEAN RADIUS: 1.302

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 6



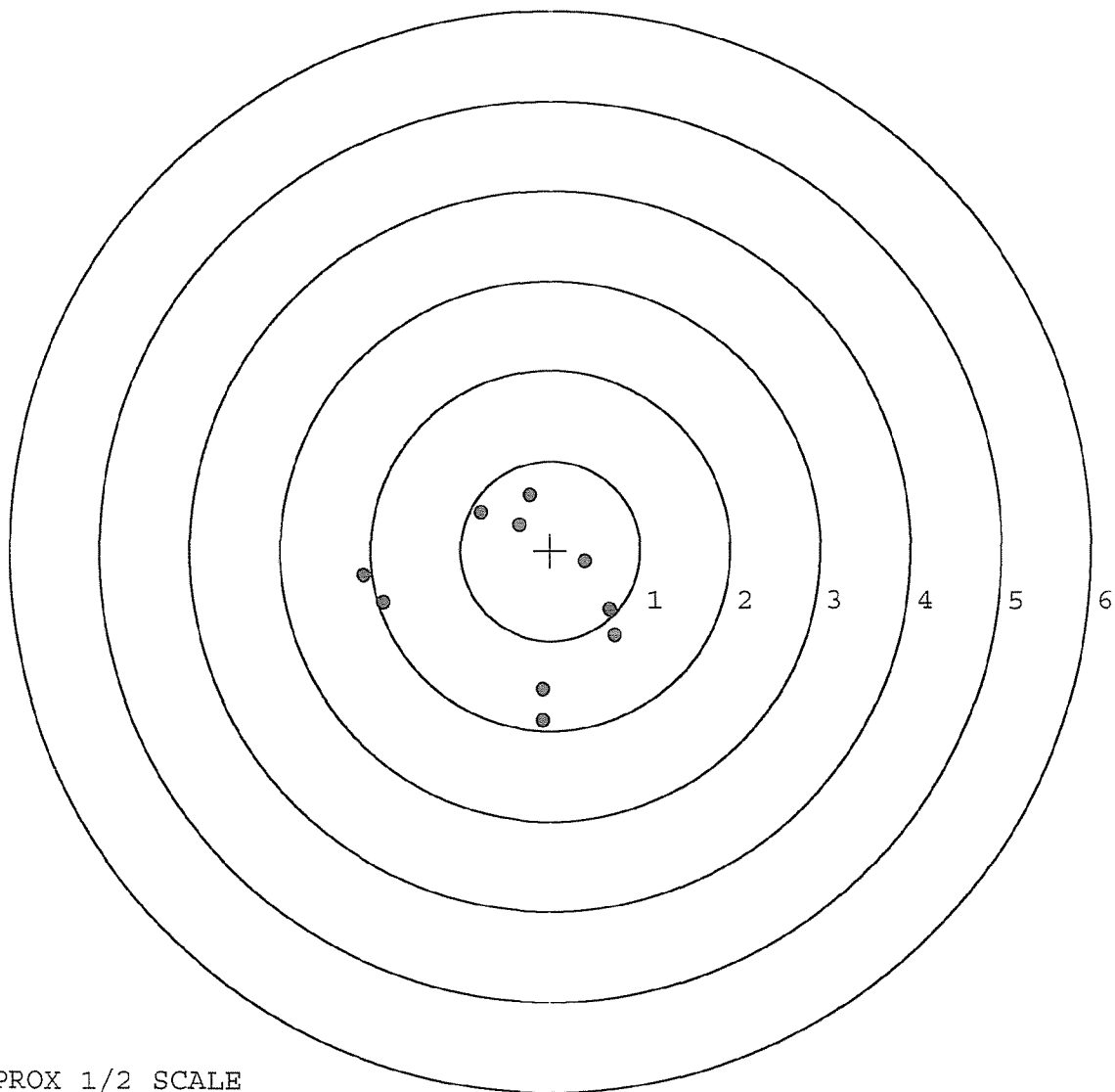
TARGET APPROX 1/2 SCALE

BARBER - M24 0034867

SERIAL NUMBER: C6611725. 0
TARGET NUMBER: 3
FILE DATE: 04/04/2005
FILE TIME: 07:08

POINT#	X	Y
1:	-0.084	-1.887
2:	-0.092	-1.543
3:	-1.856	-0.585
4:	-2.074	-0.281
5:	0.715	-0.945
6:	0.654	-0.659
7:	0.381	-0.121
8:	-0.353	0.285
9:	-0.238	0.621
10:	-0.774	0.426

X CENTROID: -0.372
Y CENTROID: -0.469
POA TO CENTROID: 0.599
HORZ SPREAD: 2.789
VERT SPREAD: 2.508
GROUP SPREAD: 2.867
MIN RADIUS: 0.754
MAX RADIUS: 1.712
MEAN RADIUS: 1.165
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 9



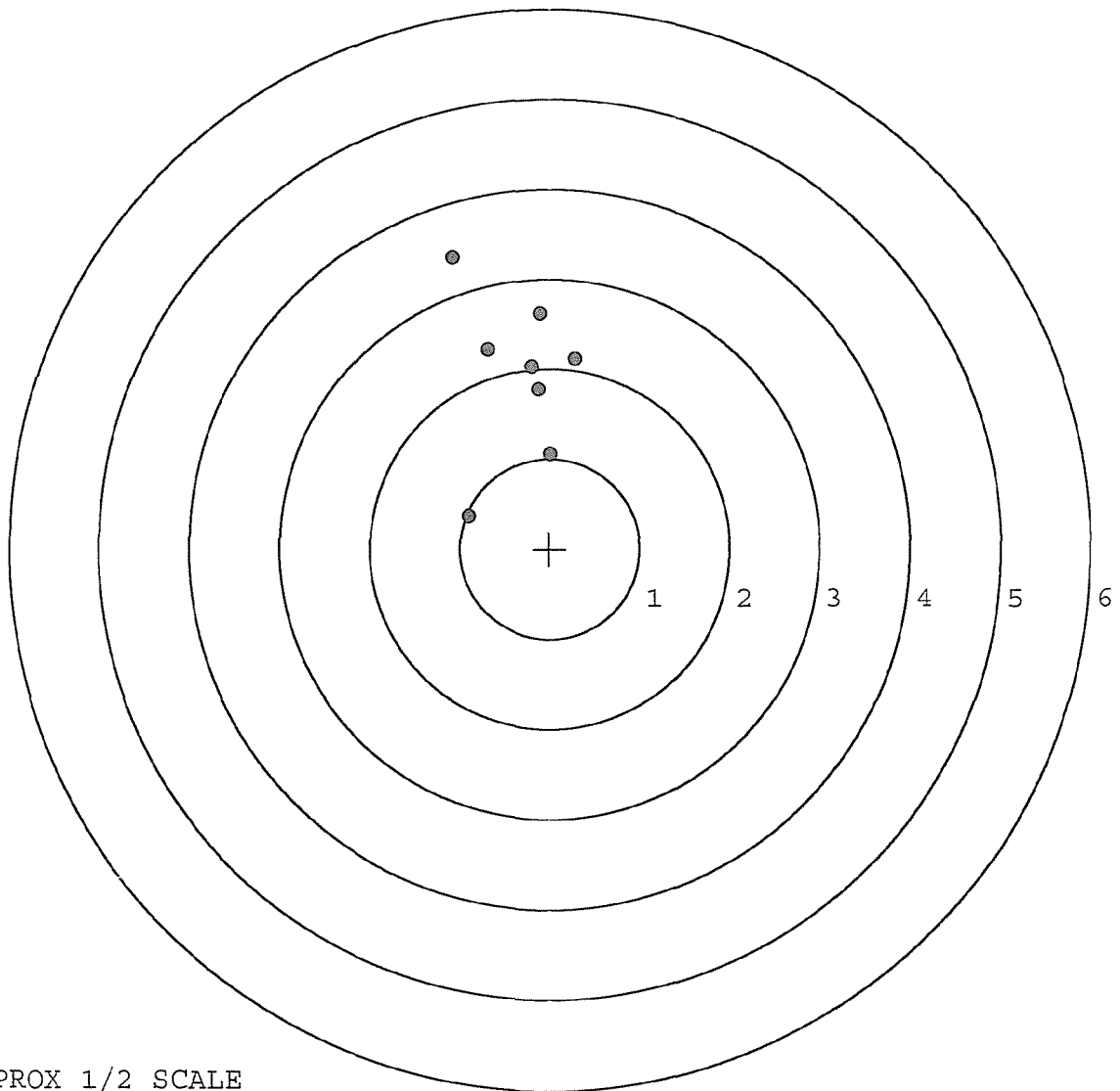
TARGET APPROX 1/2 SCALE

BARBER - M24 0034868

SERIAL NUMBER: C6611725. __0
TARGET NUMBER: 4
FILE DATE: 04/04/2005
FILE TIME: 07:08

POINT#	X	Y
1:	-0.904	0.366
2:	0.012	1.050
3:	0.284	2.113
4:	-0.201	2.023
5:	-0.121	1.767
6:	-0.690	2.208
7:	-0.113	2.620
8:	-1.074	3.239

X CENTROID: -0.351
Y CENTROID: 1.923
POA TO CENTROID: 1.955
HORZ SPREAD: 1.358
VERT SPREAD: 2.873
GROUP SPREAD: 2.878
MIN RADIUS: 0.180
MAX RADIUS: 1.653
MEAN RADIUS: 0.800
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611725. __0

TARGET NUMBER: 5

FILE DATE: 04/04/2005

FILE TIME: 07:08

POINT#	X	Y
1:	0.573	-1.111
2:	0.201	-1.244
3:	0.888	-0.633
4:	0.464	-0.273
5:	-0.377	-0.198
6:	-1.030	-0.429
7:	0.091	0.457
8:	-0.034	0.714
9:	-0.528	1.922
10:	0.404	-1.154

X CENTROID: 0.065

Y CENTROID: -0.195

POA TO CENTROID: 0.206

HORZ SPREAD: 1.918

VERT SPREAD: 3.166

GROUP SPREAD: 3.249

MIN RADIUS: 0.406

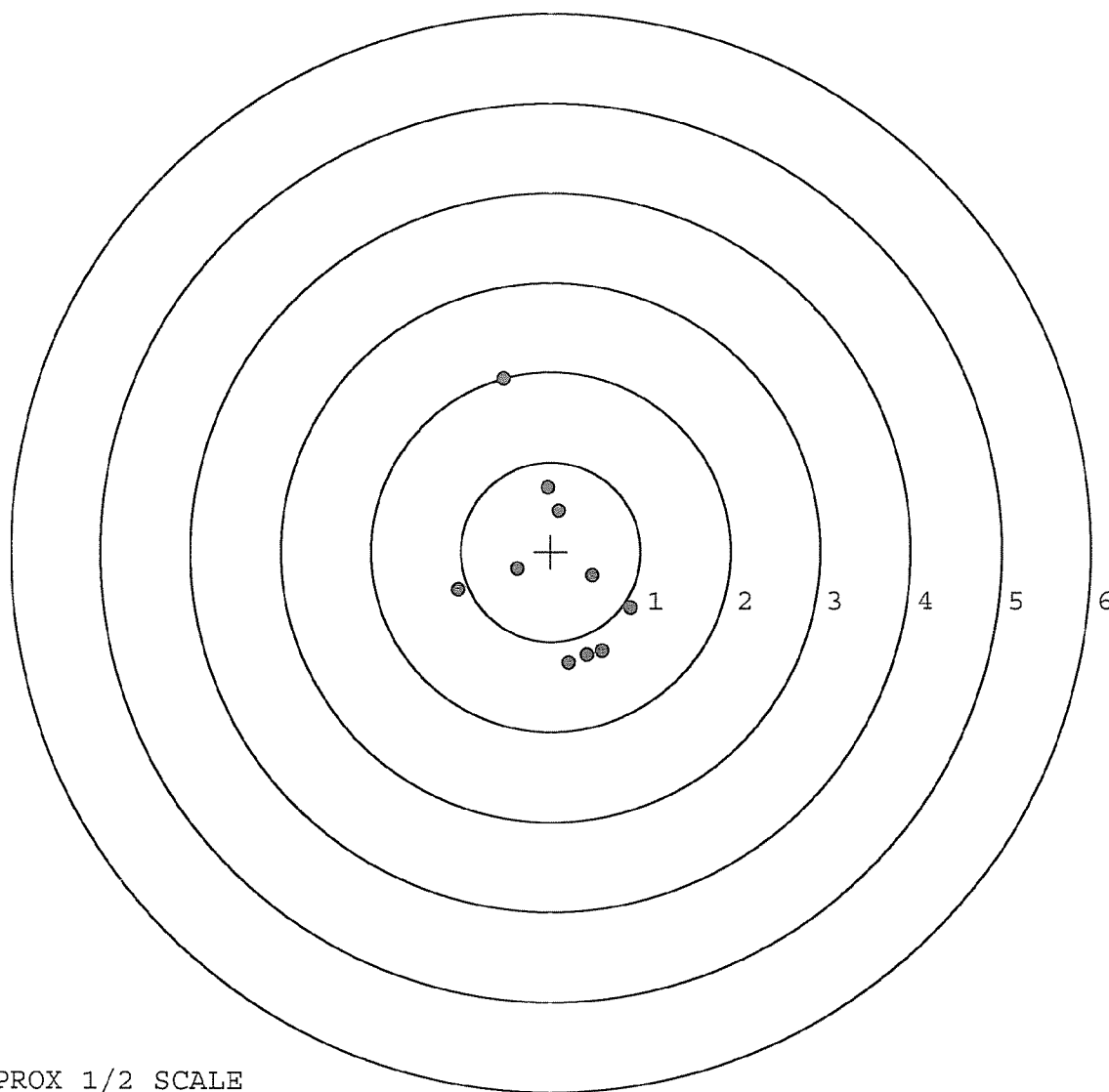
MAX RADIUS: 2.198

MEAN RADIUS: 0.979

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92996		
SERIAL NUMBER	C 6611725		
LOG-IN DATE	2-11-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-21-05	RTL
560 A	RE-BARREL	2-22-05	RTL
B	DRILL AND TAP	2-28-05	TRJ
575	ASSEMBLE	2-23-05	RTL
600	PROOF	2-24-05	AC
605	CHECK HEADSPACE	2-24-05	RTL
610	DIS-ASSEMBLE GUN	OPERATOR	
612	MAGNAFLUX	3-1-05	CW
615	ROLLMARK CALIBER	3-3-05	LB
618	ROTO-BLAST	3/16/05	HP
620	APPLY COATINGS	3-30-05	RTL
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST	4-7-05	AC
C	SAFETY "ON" FORCE	4-7-05	AC
D	SAFETY "OFF" FORCE	4-7-05	AC
E	FIRING PIN INDENT	4-7-05	AC
640	TARGET	4-4-05	AC
655	FINAL INSPECT	4-17-05	AC
660	PACK	4-26-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	

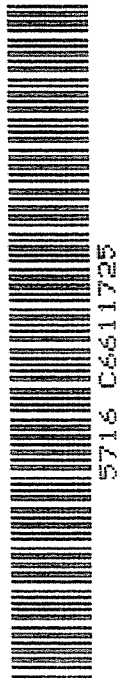
Remington[®] **DUPONT**[®]
REG. U.S. PAT. & TM. OFF.

MODEL 700TM M24

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

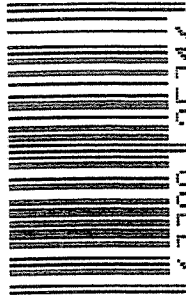
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO. C6611725	ORDER NO. 5716
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5716 C6611725

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611725

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	1/15/91	KS
600	Proof		1/15/91	KS
607	Check Headspace		1/15/91	KS
610	Dis-assemble Gun		1/15/91	KS
612	Magnaflux Barrel Action	1 18	21	KR
	Magnaflux Bolt	1 18	21	KR
615	Rollmark Caliber	1 18	21	JS
617	Drill and Tap Sight Holes	1 24	21	FB
618	Polish Barrel	1 24	21	WB
620	Apply Coatings (Barrel Action)		2-15-91	HA
	Apply Coating (Bolt)			HA
625	Final Assembly A) Clean inside of Bolt Assembly		3/8/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/8/91	KA
	C) Inspect Ejector Hole for Chamfer		3/8/91	KA
	D) Oil Firing Pin Ass'y		3/8/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		3/28/91	JA

op. #	BARBER - M24 0034873 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/27/91	SM
	G) Safety Off Force	2	2	2			3/27/91	SM
	H) Trigger Pull Test & Retainability						3/27/91	SM
	I) Firing Pin Indent	.0225	.0225	.0225			3/27/91	SM
	J) Assemble Stock						4/11/91	KS
	K) Assemble Swivel Studs						4-17-91	KS
	L) Attach Front and Rear Sight Assemblies						4/11/91	KS
	M) Iron Sight Alignment						4/11/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/11/91	KS
	O) Attach Scope to Rifle						4/11/91	KS
	P) Detach & Attach Scope 20 Times						4/11/91	KS
640	Gallery Target & Test						4-12-91	AC
	A) Time						4-12-91	AC
	B) Malfunctions						4-12-91	AC
	C) Pierced Primers						4-12-91	AC
	D) Optical Clarity of Scope						4-12-91	AC
645	Inspect for Live Ammo						4-12-91	AC
655	Final Inspection							
	A) Headspace						4-17-91	KS
	B) Trigger Pull	2.54	2.46	2.46	2.47	2.44	4/16/91	SM
	C) Function						4-17-91	KS
660	Pack						6-18-91	DT

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611725

DATE 3/27/91

TESTER JRL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.39	2.38	2.54	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.36	2.30	2.46	
PULL #3	2.31	2.34	2.35	2.46	
PULL #4	2.34	2.34	2.40	2.47	
PULL #5	2.32	2.37	2.36	2.44	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.36		
PULL #2	3.37	3.36		
PULL #3	3.38	3.31		
PULL #4	3.42	3.33		
PULL #5	3.19	3.36		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.43		4.45
PULL #2	4.20	4.45		4.46
PULL #3	4.43	4.44		4.49
PULL #4	4.40	4.24		4.38
PULL #5	4.41	4.34		4.44
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06611725
12 Apr 1991

CENTROIDAL DISTANCES

0 TO 1	.274838
1 TO 2	.493301
1 TO 3	.257179
1 TO 4	.524916
1 TO 5	.46648

81 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0754
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0582
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0905826

THE AME FOR THIS RIFLE IS: .7768

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611725

CENTERFIRE PATTERNS

1

POB

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.467

VS= 2.252

GS= 3.215

CENTROID #1

PATTERN

1

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.369

.978

.881

MINIMUM X

-1.098

-.946

-1.043

MAXIMUM Y

1.243

1.130

.556

MINIMUM Y

-1.009

-.713

-.571

CENTROID X

.256

.104

.201

CENTROID Y

-.100

.013

-.129

POB TO CENTROID in.

.275

.105

.238

MIN RADIUS

.197

.181

.136

MEAN RADIUS

.808

.718

.592

MAX RADIUS

1.701

1.370

1.133

HORIZONTAL SPREAD

2.467

1.924

1.924

VERTICAL SPREAD

2.252

1.843

1.127

EXTREME SPREAD

3.215

2.025

1.927

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

8

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611725

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 8

HE= 1.724

VS= 2.736

GS= 3.011

CENTROID #

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.866

.771

.809

MINIMUM X

-.858

-.700

-.682

MAXIMUM Y

1.288

1.127

.988

MINIMUM Y

-1.448

-1.124

-.983

CENTROID X

-.183

-.088

-.126

CENTROID Y

.125

.286

.145

POA TO CENTROID in.

.222

.299

.192

MIN RADIUS

.447

.263

.397

MEAN RADIUS

.929

.818

.779

MAX RADIUS

1.683

1.363

1.273

HORIZONTAL SPREAD

1.724

1.471

1.471

VERTICAL SPREAD

2.736

2.251

1.971

EXTREME SPREAD

3.011

2.299

2.173

NUMBER IN ONE INCH CIRCLE =

1

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

9

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611725

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.907

VS= 1.763

GS= 1.997

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.292

.532

.541

MINIMUM X

-.615

-.472

-.463

MAXIMUM Y

.978

1.022

.778

MINIMUM Y

-.785

-.741

-.613

CENTROID X

.010

-.133

-.142

CENTROID Y

-.175

-.219

-.347

POA TO CENTROID In.

.176

.257

.375

MIN RADIUS

.129

.072

.101

MEAN RADIUS

.675

.572

.498

MAX RADIUS

1.351

1.025

.819

HORIZONTAL SPREAD

1.907

1.004

1.004

VERTICAL SPREAD

1.763

1.763

1.391

EXTREME SPREAD

1.997

1.822

1.420

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

9

NUMBER IN THREE INCH CIRCLE =

10

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611725

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in - 3

2in - 7

3in = 10

HS= 2.145

VS= 1.836

GS= 2.619

PATTERN #

4

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.056

.965

.914

MINIMUM X

-1.089

-1.180

-1.059

MAXIMUM Y

1.138

.849

.778

MINIMUM Y

-.698

-.572

-.438

CENTROID X

-.268

-.177

-.298

CENTROID Y

-.131

-.257

-.186

POA TO CENTROID in.

.298

.312

.351

MIN RADIUS

.363

.356

.320

MEAN RADIUS

.837

.757

.704

MAX RADIUS

1.397

1.187

1.078

HORIZONTAL SPREAD

2.145

2.145

1.973

VERTICAL SPREAD

1.836

1.421

1.216

EXTREME SPREAD

2.619

2.190

2.099

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

10

(2 Apr 1991)

FILE:/PATTERNING/CENTERFIRE_PATT/C6611725

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 5

2in = 8

3in = 10

HS= 1.958

VS= 2.142

GS= 2.299

PATTERN #

5

SHOTS (BEST OF)

10

9

8

MAXIMUM X

-.900

-.836

-.636

MINIMUM X

-1.058

-1.122

-.940

MAXIMUM Y

1.263

.443

.397

MINIMUM Y

-.878

-.738

-.688

CENTROID X

-.192

-.128

.013

CENTROID Y

.030

-.111

-.166

POR TO CENTROID in.

.194

.169

.167

MIN RADIUS

.203

.118

.207

MEAN RADIUS

.635

.528

.488

MAX RADIUS

1.388

1.206

.715

HORIZONTAL SPREAD

1.958

1.958

1.236

VERTICAL SPREAD

2.142

1.181

1.080

EXTREME SPREAD

2.299

1.986

1.302

NUMBER IN ONE INCH CIRCLE =

5

NUMBER IN TWO INCH CIRCLE =

8

NUMBER IN THREE INCH CIRCLE =

10