

C6611725

MODEL 700™ M24

Model S&S™

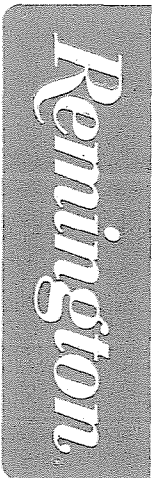
Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.



Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00092996** Serial: C6611725 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/19/1991 Repairman: Status: Closed 2/11/2005 7:31:40 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: 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

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	Fit and Rear Sgt Base	1

Repair Search **Refresh** **Close**

neglel 2/14/2005 3:13 AM CAPS INUM INS SCPL

start 5 2 3 Arms Services

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

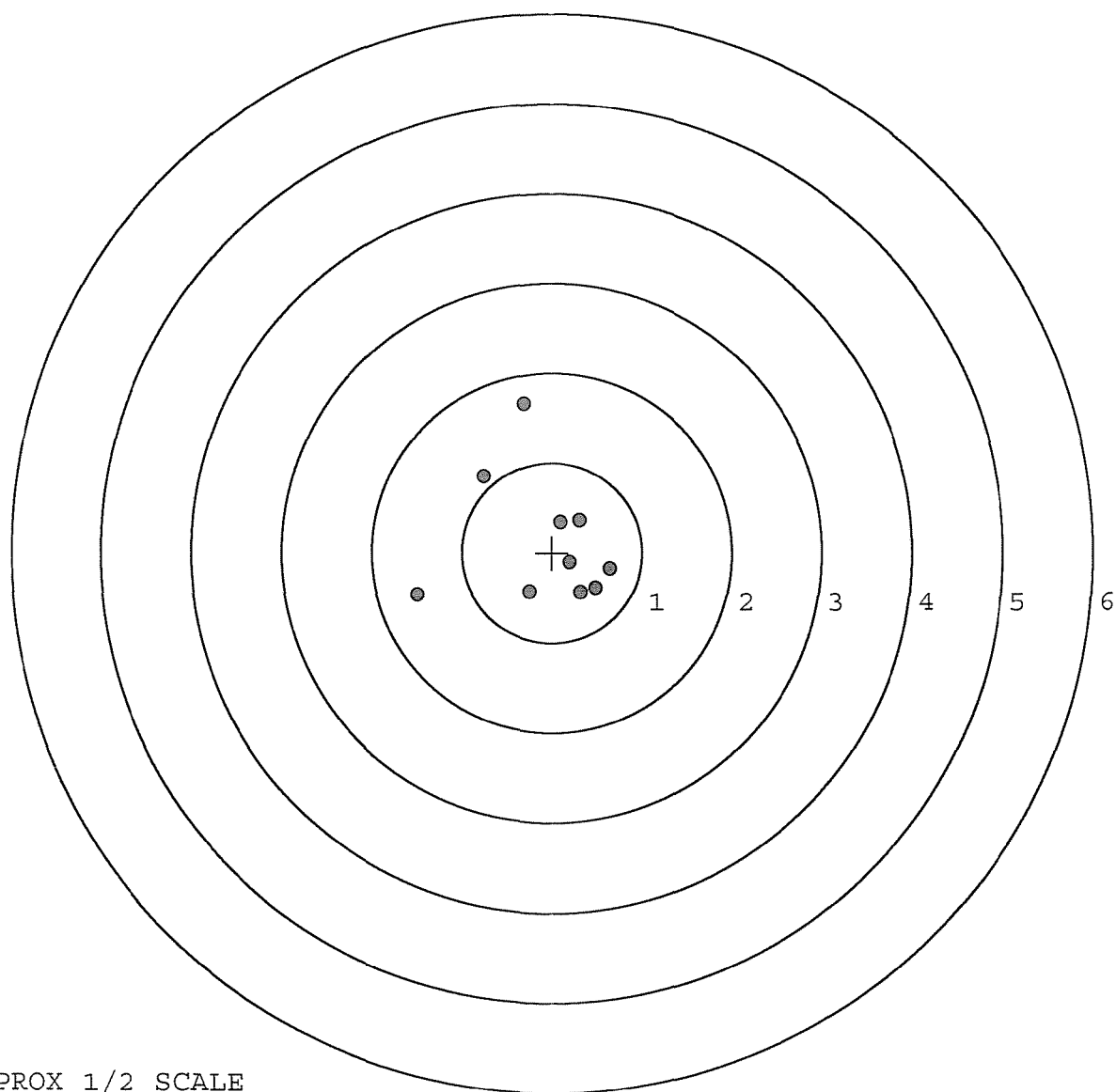
The Average X Centroid of the Five Target Set:	-0.148
The Average Y Centroid of the Five Target Set:	0.306
The Average Point of Impact of the Five Target Set:	0.340
The Average Mean Radius of the Five Target Set:	1.009
The Distance from POA to Centroid Target #1:	0.139
The Distance from Centroid Target #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

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

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



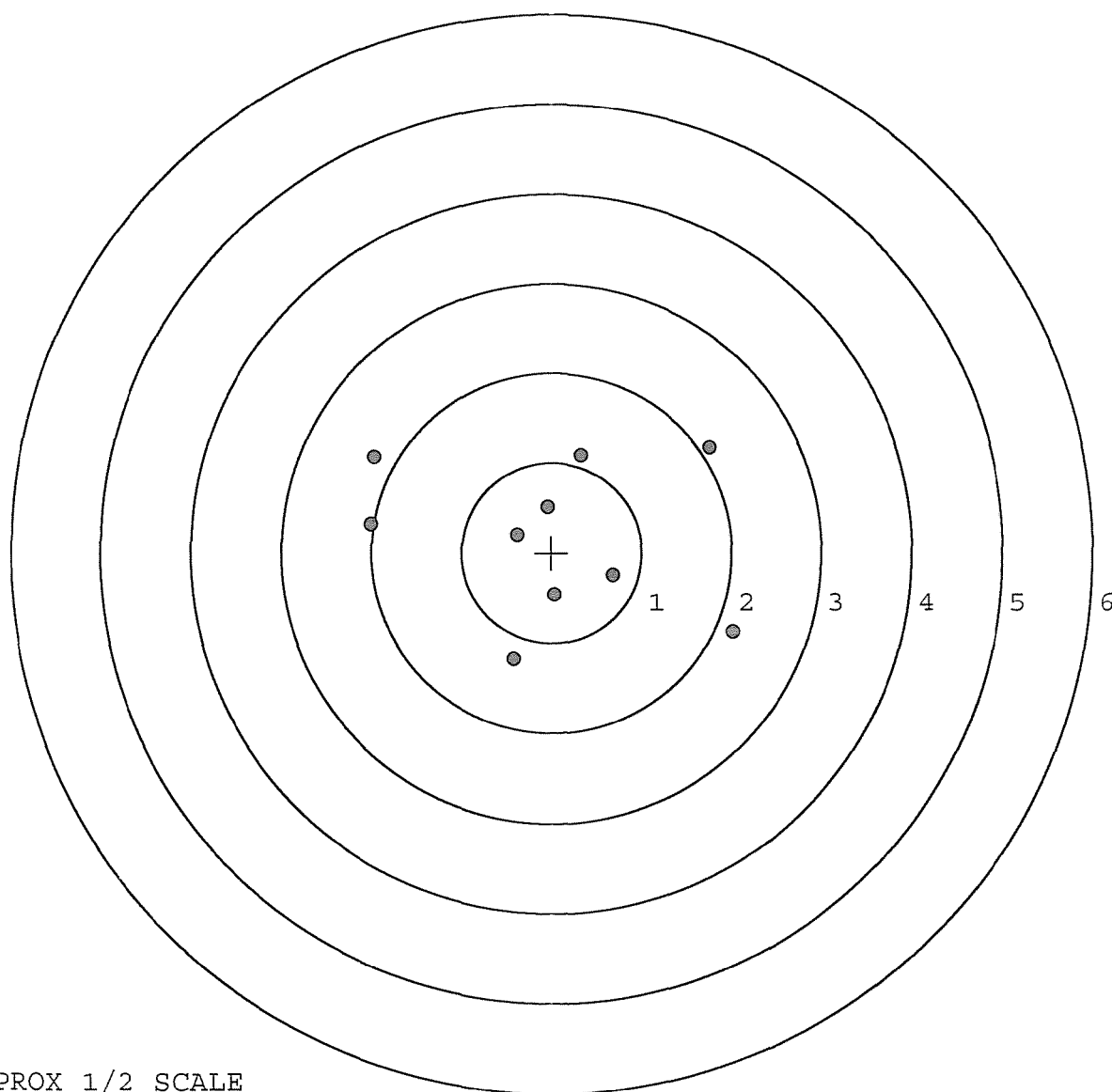
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611725. __0
TARGET NUMBER: 2
FILE DATE: 04/04/2005
FILE TIME: 07:08

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

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

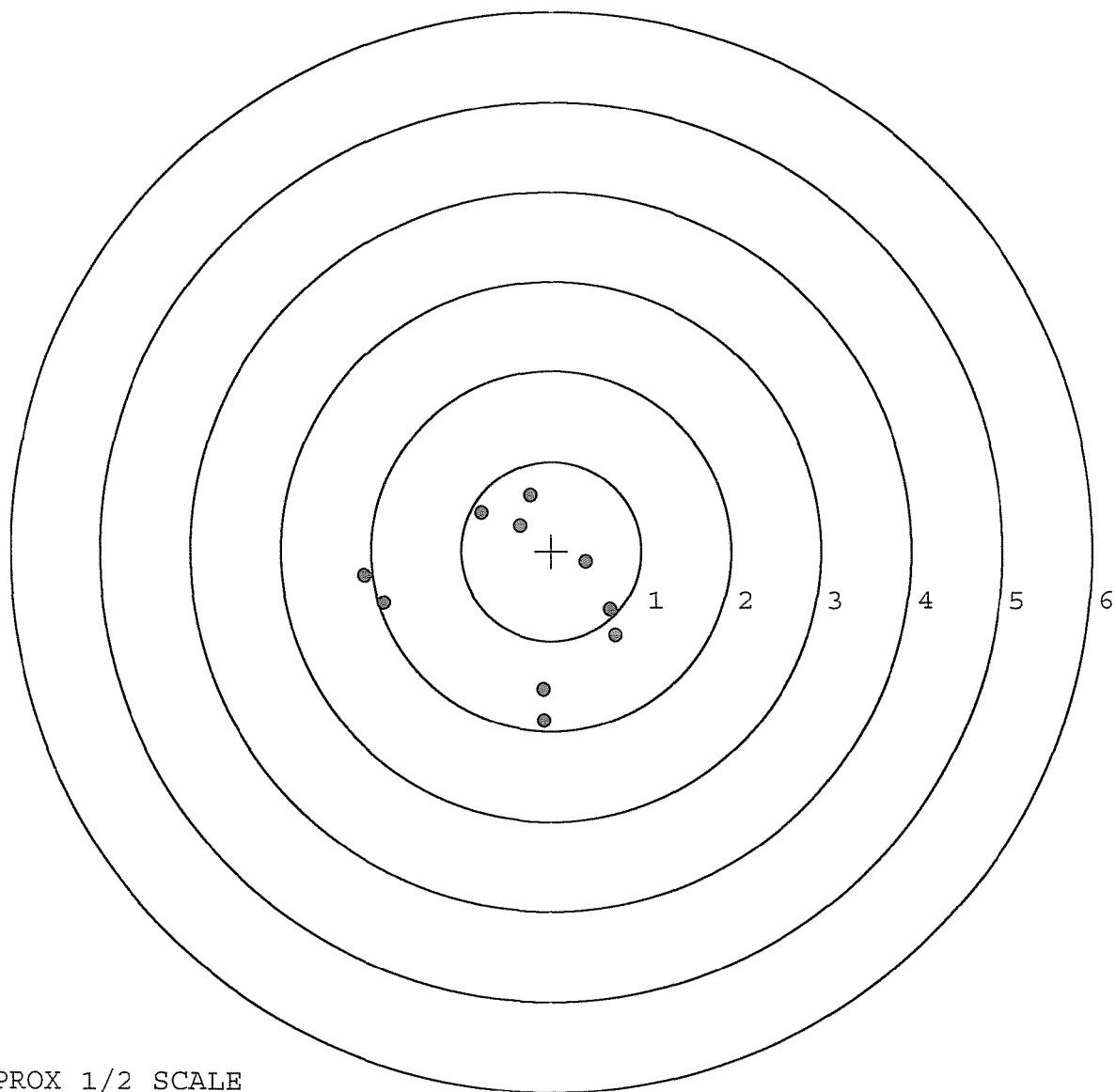


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611725.____0
TARGET NUMBER: 3
FILE DATE: 04/04/2005
FILE TIME: 07:08

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

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

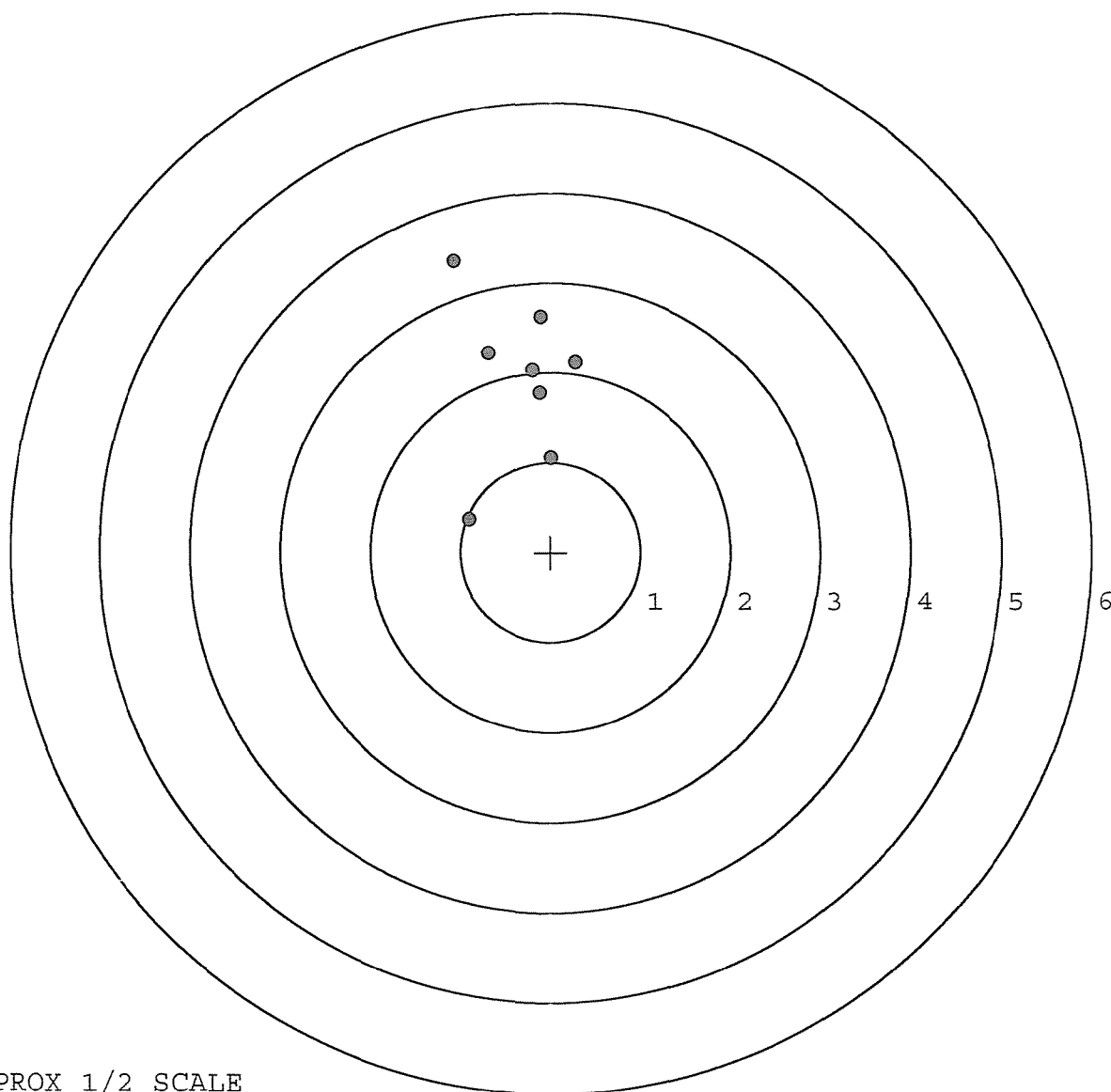


TARGET APPROX 1/2 SCALE

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

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

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

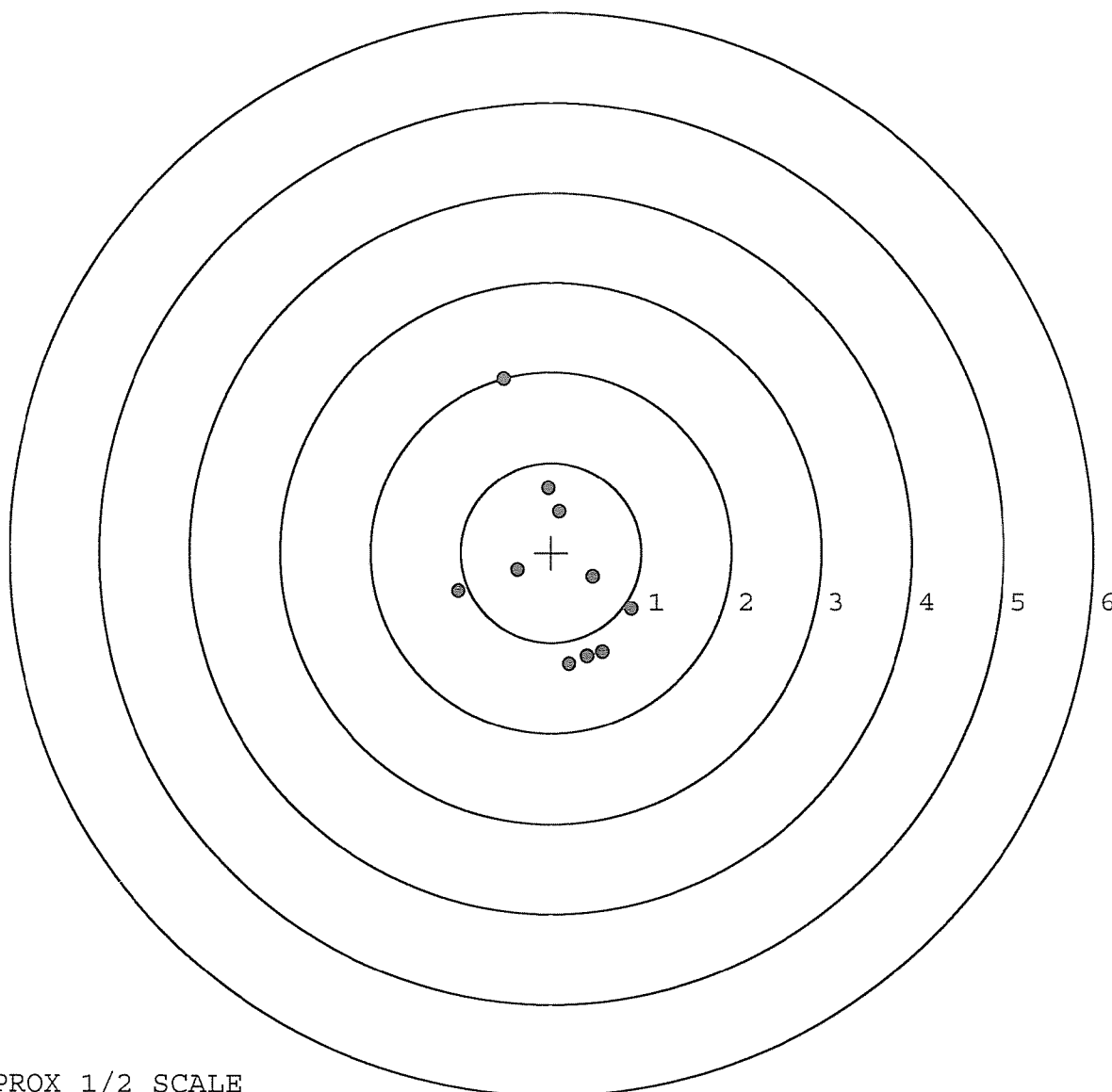


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611725. 0
 TARGET NUMBER: 5
 FILE DATE: 04/04/2005
 FILE TIME: 07:08

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

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



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92996		
SERIAL NUMBER	C6611725		
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	TRU
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	4-7-05	AC
660	PACK	4-26-05	RA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington[®]

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

UPPONT

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

MODEL 700™ H24

SERIAL NO.
C6611725

ORDER NO.
5716

4.5

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

UPC

0 47700 25716 7

5716 C6611725

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	2 1	KR
	Magnaflux Bolt	1 18	2 1	KR
615	Rollmark Caliber	1 18	91	GB
617	Drill and Tap Sight Holes	1 24	91	FB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2-15-91	HA
	Apply Coating (Bolt)			
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		3/23/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/27/91	JH
	G) Safety Off Force	2	2	2			3/27/91	JH
	H) Trigger Pull Test & Retainability						3/27/91	JH
	I) Firing Pin Indent	.0225	.0225	.0225			3/27/91	JH
	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	JH
	C) Function						4-17-91	KS
660	Pack						6-18-91	DT

SWS TRIGGER PULL TEST

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 # C6611725

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

POI <----POI

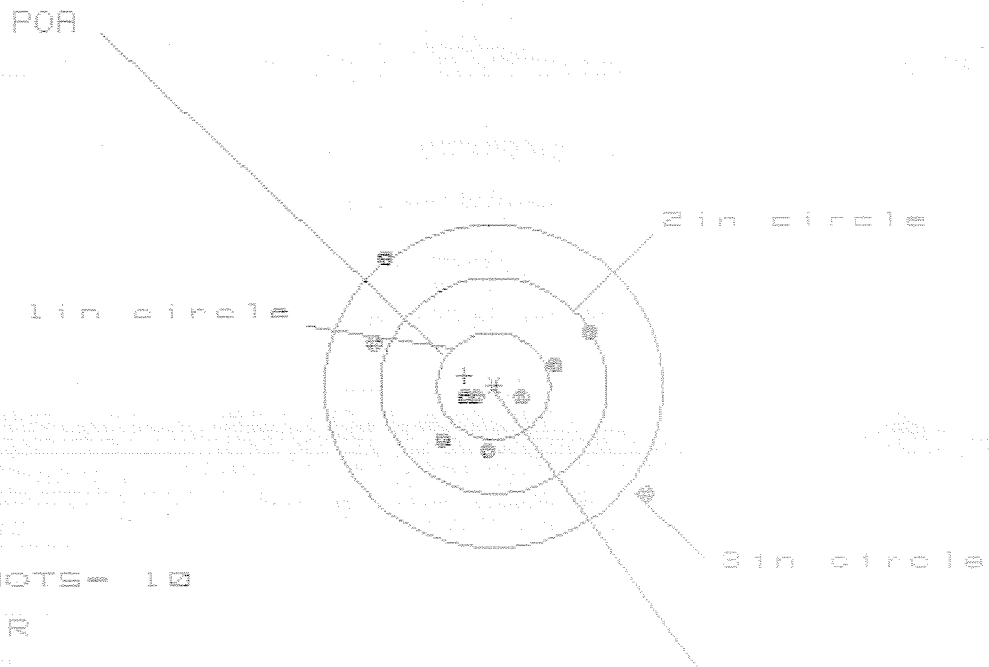
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0754
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0502
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0905826

THE AMR FOR THIS RIFLE IS: .7768

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611725

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.467

VS= 2.252

GS= 3.215

CENTROID *

PATTERN #	1	2	3
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
POA 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/C8611725

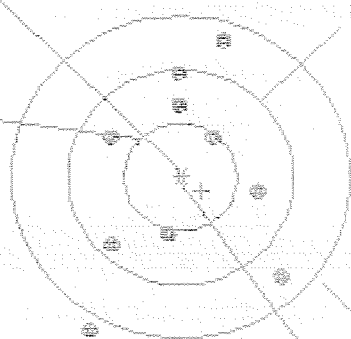
CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 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

-.662

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

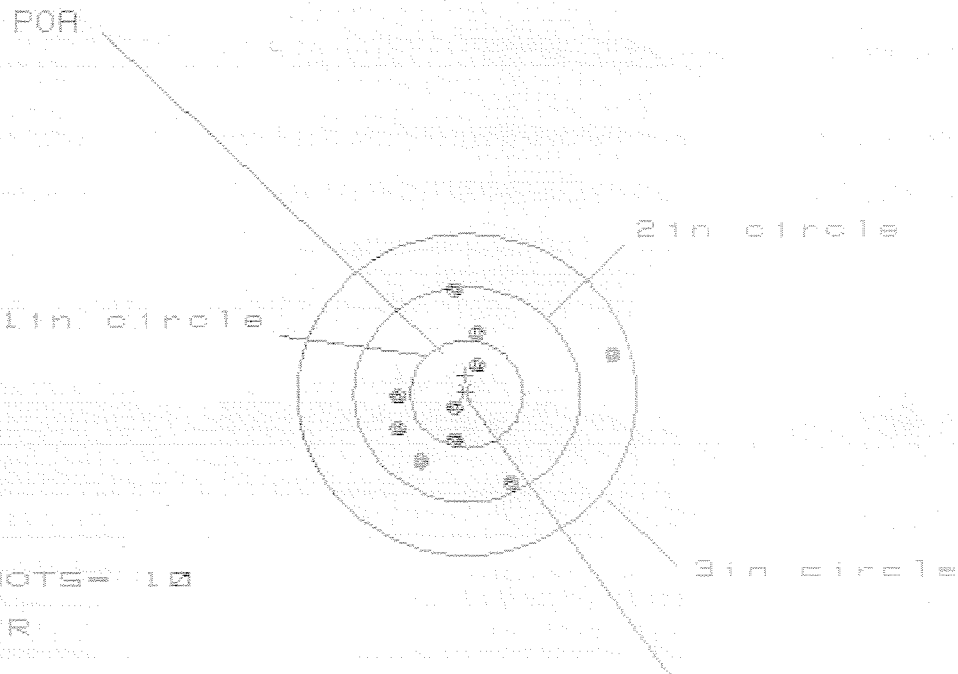
NUMBER IN THREE INCH CIRCLE =

9

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611725

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 9

3in = 10

HS= 1.907

VS= 1.763

GS= 1.997

CENTROID *

PATTERN #	3	10	9	8
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/C8611725

CENTERFIRE PATTERNS

4

POA

2in circle

1in 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

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6511725

CENTERFIRE PATTERNS

5

POA

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

.696

MINIMUM X

-1.058

-1.122

-.540

MAXIMUM Y

1.263

.443

.397

MINIMUM Y

-.878

-.738

-.688

CENTROID X

-.192

-.128

.013

CENTROID Y

.030

-.111

-.166

POA TO CENTROID in.

.194

.169

.167

MIN RADIUS

.203

.118

.207

MEAN RADIUS

.635

.528

.438

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