

C6611506

MODEL 700™ M24

Model **SMS**™

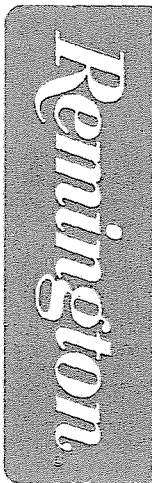
Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: RE00147506

Serial: C6611506 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/19/1991

Repairman:

Status:

Closed 7/10/2008 3:18:37 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: FORT Mc COY POLICE

FORT Mc COY POLICE

Address 1: 1681 W. EATON ROAD

1681 W. EATON ROAD

Address 2: ATTN: MARK HARTMAN

PO Box:

ATTN: MARK HARTMAN

PO Box:

City: FORT Mc COY

FORT Mc COY

State: WI

Zip Code: 54656

Country: US

State: WI

Zip Code: 54656

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/11/2008

11:58 AM

CAPS

NUM

FNS

SCRL

Hstart

GPM

FTMC...

4 Mi...

Arms...

Contr...

Part5...

11:58 AM

Number: C6611506

Model: M24 SWS



RE00147506

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

R & E NUMBER 147506
 SERIAL NUMBER C6611506
 LOG-IN DATE 7-10-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-18-08	RTZ
505	RE-BARREL	7-19-08	RTZ
560	ASSEMBLE	7-19-08	RTZ
600	PROOF	7-21-08	TRW
605	CHECK HEADSPACE	7-21-08	TRW
610	DIS-ASSEMBLE GUN	7-21-08	RTZ
612	MAGNAFLUX	7/25/08	BA
510	DRILL AND TAP	7-21-08	SP
615	ROLLMARK CALIBER	7/25/08	RT
618	ROTO-BLAST	7-25-08	DG
620	APPLY COATINGS	8-1	C
625	FINAL ASSEMBLY	8-4-08	RTZ
640	FUNCTION TEST AND	8-4-08	TRW
650	TARGET	8-4-08	TRW
	MALFUNCTION 28 clicks Left	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	228 2.41 247 237 235	8-5-08 PSN
680	F) SAFETY ON FORCE	5.0 5.0 5.0	8-5-08 PSN
	G) SAFETY OFF FORCE	3.0 3.0 3.0	8-5-08 PSN
	I) FIRING PIN INDENT	.023 .024 .024	8-5-08 PSN
690	PACK		8-5-08 PSN

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611506.___0
FILE DATE AND TIME: 08/05/2008 04:48

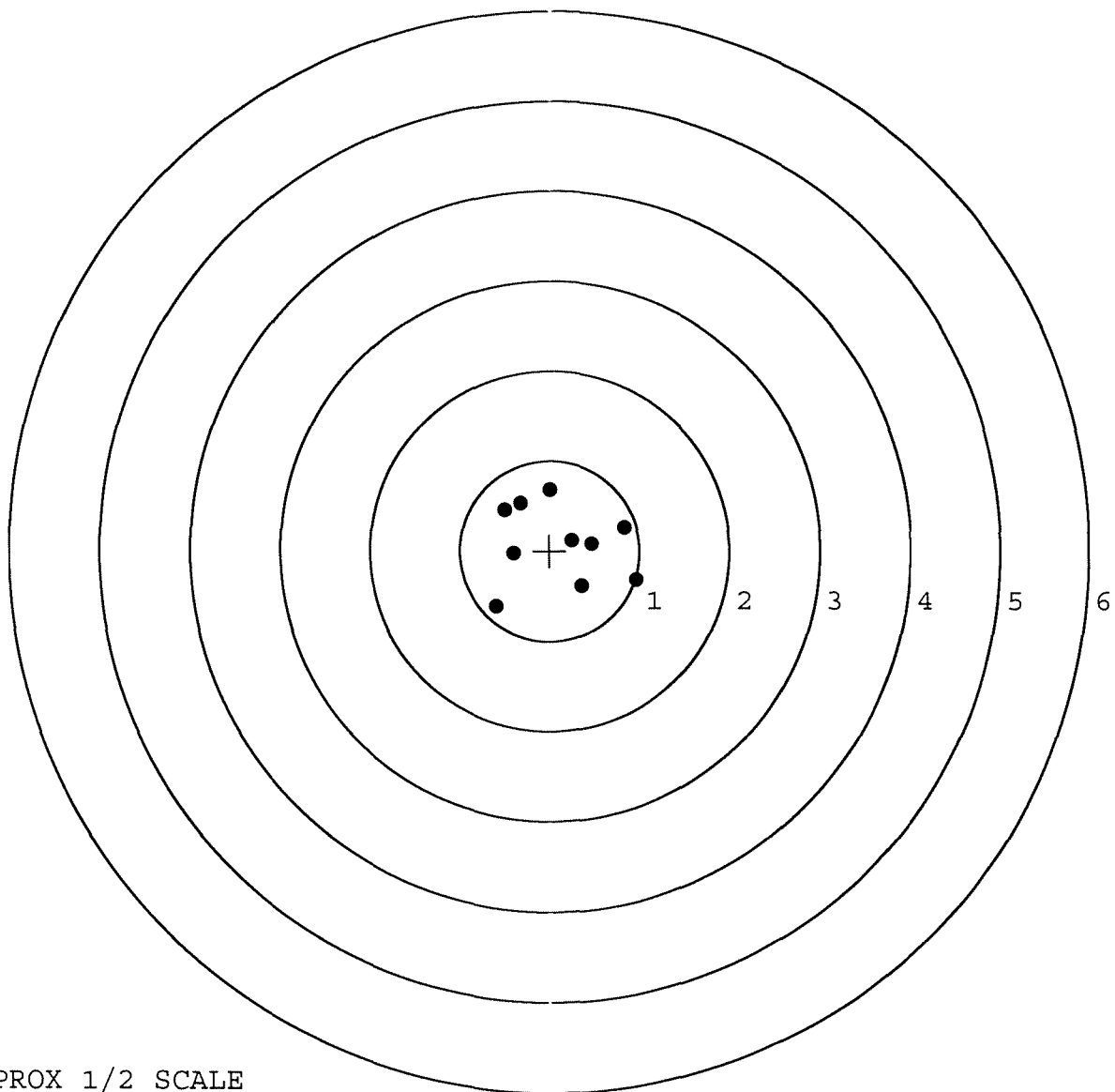
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.001
The Average Y Centroid of the Five Target Set:	0.014
The Average Point of Impact of the Five Target Set:	0.014
The Average Mean Radius of the Five Target Set:	0.650
The Distance from POA to Centroid Target #1:	0.130
The Distance from Centroid Target #2 to Centroid Target #1:	0.201
The Distance from Centroid Target #3 to Centroid Target #1:	0.058
The Distance from Centroid Target #4 to Centroid Target #1:	0.160
The Distance from Centroid Target #5 to Centroid Target #1:	0.261

SERIAL NUMBER: C6611506. __0
 TARGET NUMBER: 1
 FILE DATE: 08/05/2008
 FILE TIME: 04:48

POINT#	X	Y
1:	0.004	0.680
2:	-0.330	0.533
3:	-0.502	0.454
4:	-0.401	-0.029
5:	0.249	0.118
6:	0.471	0.081
7:	0.828	0.266
8:	0.962	-0.324
9:	0.359	-0.390
10:	-0.597	-0.615

X CENTROID: 0.104
 Y CENTROID: 0.077
 POA TO CENTROID: 0.130
 HORZ SPREAD: 1.559
 VERT SPREAD: 1.295
 GROUP SPREAD: 1.675
 MIN RADIUS: 0.150
 MAX RADIUS: 0.986
 MEAN RADIUS: 0.620
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

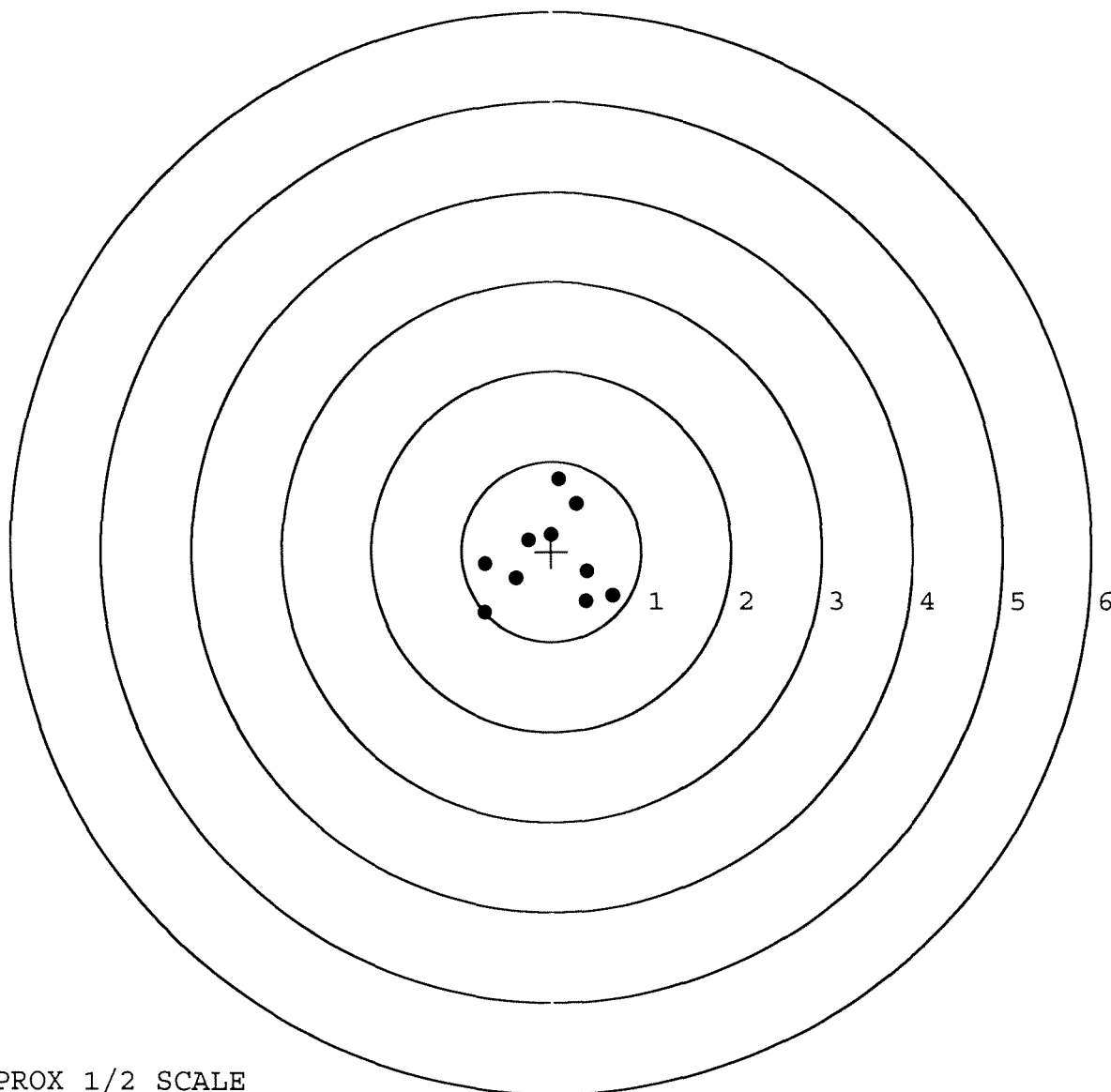


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611506. __0
 TARGET NUMBER: 2
 FILE DATE: 08/05/2008
 FILE TIME: 04:48

X CENTROID: -0.032
 Y CENTROID: -0.070
 POA TO CENTROID: 0.077
 HORZ SPREAD: 1.425
 VERT SPREAD: 1.479
 GROUP SPREAD: 1.694
 MIN RADIUS: 0.264
 MAX RADIUS: 0.936
 MEAN RADIUS: 0.610
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.680	-0.487
2:	0.396	-0.215
3:	0.380	-0.547
4:	-0.745	-0.676
5:	-0.400	-0.294
6:	-0.734	-0.137
7:	0.004	0.192
8:	-0.258	0.133
9:	0.275	0.529
10:	0.081	0.803



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611506. __0

TARGET NUMBER: 3

FILE DATE: 08/05/2008

FILE TIME: 04:48

X CENTROID: 0.053

Y CENTROID: 0.050

POA TO CENTROID: 0.073

HORZ SPREAD: 1.694

VERT SPREAD: 1.289

GROUP SPREAD: 1.694

MIN RADIUS: 0.063

MAX RADIUS: 0.970

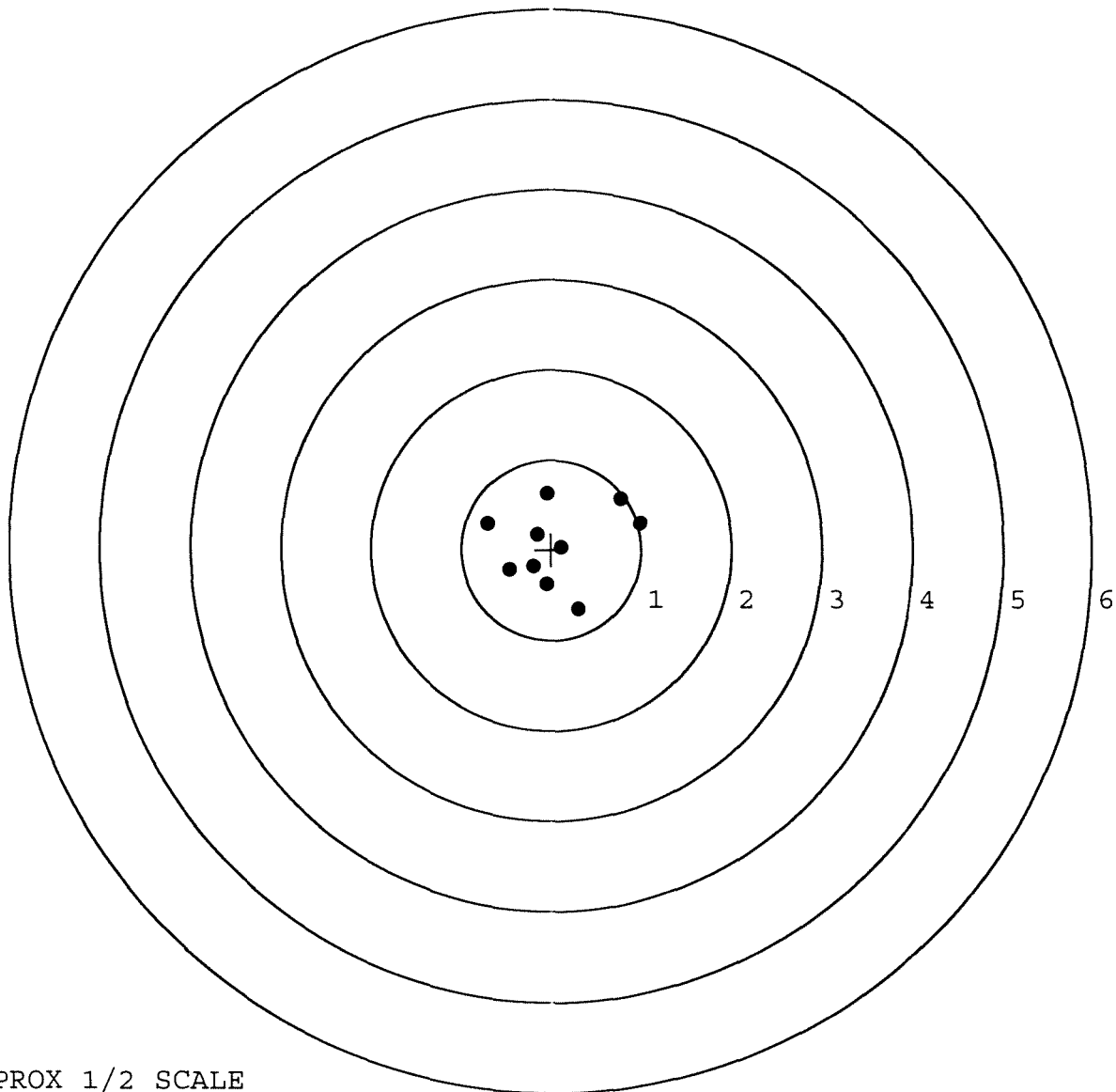
MEAN RADIUS: 0.569

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.991	0.295
2:	0.768	0.569
3:	-0.053	0.623
4:	-0.703	0.293
5:	0.301	-0.666
6:	-0.050	-0.391
7:	-0.473	-0.223
8:	0.110	0.025
9:	-0.159	0.167
10:	-0.205	-0.190

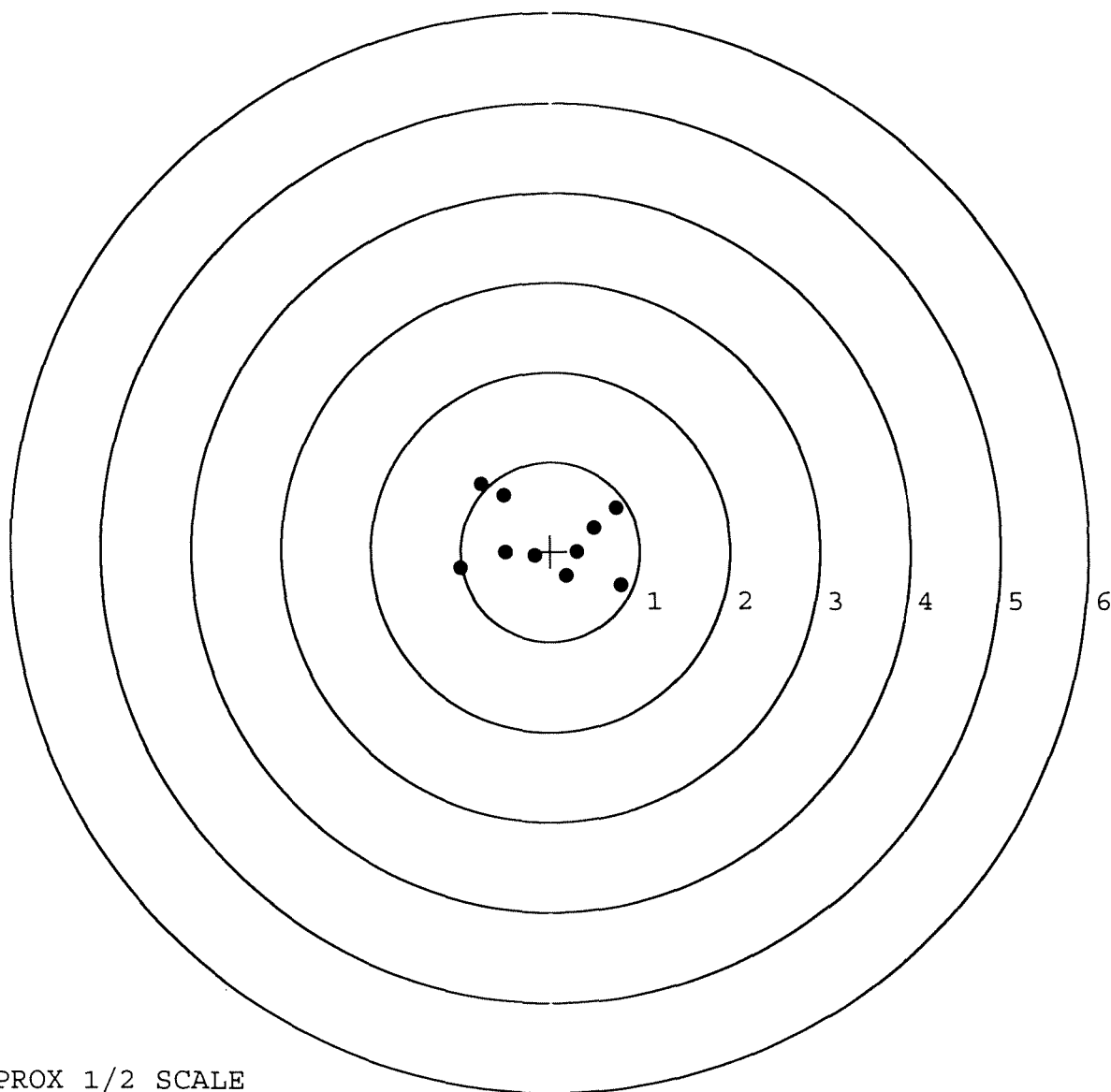


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611506. __0
 TARGET NUMBER: 4
 FILE DATE: 08/05/2008
 FILE TIME: 04:48

X CENTROID: -0.050
 Y CENTROID: 0.120
 POA TO CENTROID: 0.130
 HORZ SPREAD: 1.787
 VERT SPREAD: 1.126
 GROUP SPREAD: 1.865
 MIN RADIUS: 0.212
 MAX RADIUS: 1.004
 MEAN RADIUS: 0.656
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.783	-0.375
2:	0.733	0.487
3:	0.492	0.263
4:	0.297	-0.008
5:	0.176	-0.276
6:	-0.174	-0.051
7:	-0.505	-0.020
8:	-1.004	-0.191
9:	-0.524	0.623
10:	-0.770	0.751



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611506. __0

TARGET NUMBER: 5

FILE DATE: 08/05/2008

FILE TIME: 04:48

X CENTROID: -0.080

Y CENTROID: -0.107

POA TO CENTROID: 0.134

HORZ SPREAD: 2.098

VERT SPREAD: 1.254

GROUP SPREAD: 2.005

MIN RADIUS: 0.383

MAX RADIUS: 1.144

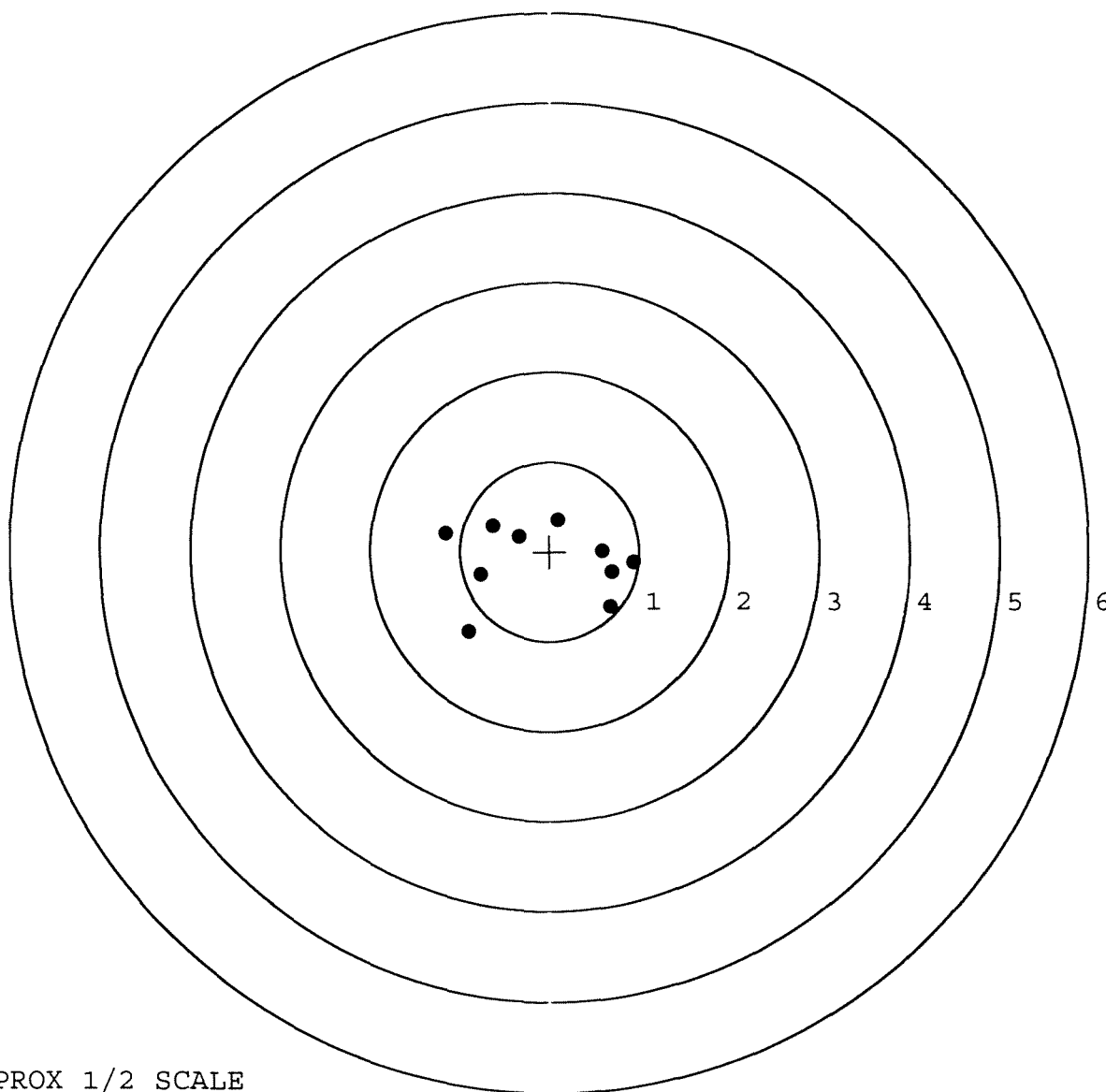
MEAN RADIUS: 0.793

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.906	-0.898
2:	-1.158	0.205
3:	-0.771	-0.260
4:	-0.343	0.171
5:	-0.627	0.287
6:	0.091	0.356
7:	0.940	-0.116
8:	0.685	-0.610
9:	0.589	0.018
10:	0.699	-0.224



TARGET APPROX 1/2 SCALE

Remington®

MODEL 700™ H24

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.

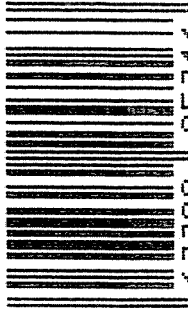
DUPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO. C6611506	20
ORDER NO. 5716	



5716 C6611506

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611506

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/12/91	K.S.
600	Proof		3/12/91	K.S.
607	Check Headspace		3/12/91	K.S.
610	Dis-assemble Gun		3/12/91	K.S.
612	Magnaflux Barrel Action		3/27/91	KR
	Magnaflux Bolt		'1	KR
615	Rollmark Caliber		3/27/91	YH
617	Drill and Tap Sight Holes	APR	3 1991	LB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		5-12-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/2/91	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/2/91	K.S.
	C) Inspect Ejector Hole for Chamfer		5/2/91	K.S.
	D) Oil Firing Pin Ass'y		5/2/91	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		5-9-91	DH

op. #	NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	5	6			5-9-91	AC
	G) Safety Off Force	4	4	4			5-9-91	AC
	H) Trigger Pull Test & Retainability						5-9-91	DH
	I) Firing Pin Indent	.021	.021	.021			5-9-91	K
	J) Assemble Stock						5/9/91	KS
	K) Assemble Swivel Studs						5-21-91	DH
	L) Attach Front and Rear Sight Assemblies						5/9/91	KS
	M) Iron Sight Alignment						5/9/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/9/91	KS
	O) Attach Scope to Rifle						5/9/91	KS
	P) Detach & Attach Scope 20 Times						5/9/91	KS
640	Gallery Target & Test						5-13-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-13-91	AF
655	Final Inspection							
	A) Headspace						5-21-91	DH
	B) Trigger Pull	247	253	258	244	257	5-20-91	AC
	C) Function						5-21-91	DH
660	Pack						6-18-91	AF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6611506

DATE 5-9-91

TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.67	2.52	2.47	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.66	2.79	2.59	2.53	
PULL #3	2.43	2.64	2.60	2.58	
PULL #4	2.55	2.66	2.64	2.44	
PULL #5	2.43	2.65	2.59	2.57	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	2.90		
PULL #2	3.32	3.13		
PULL #3	3.35	3.32		
PULL #4	3.26	3.28		
PULL #5	3.21	3.19		
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	4.19		4.39
PULL #2	4.16	4.02		4.36
PULL #3	3.93	4.10		4.38
PULL #4	4.18	4.16		4.17
PULL #5	4.02	4.09		4.16
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611506
13 May 1991

CENTROIDAL DISTANCES

0 TO 1	.191606
1 TO 2	.467799
1 TO 3	.181033
1 TO 4	.209678
1 TO 5	.263251

253 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0176
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0164
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0144
THE AMR FOR THIS RIFLE IS: .7944

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611506

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.839

VS= 1.681

GS= 2.332

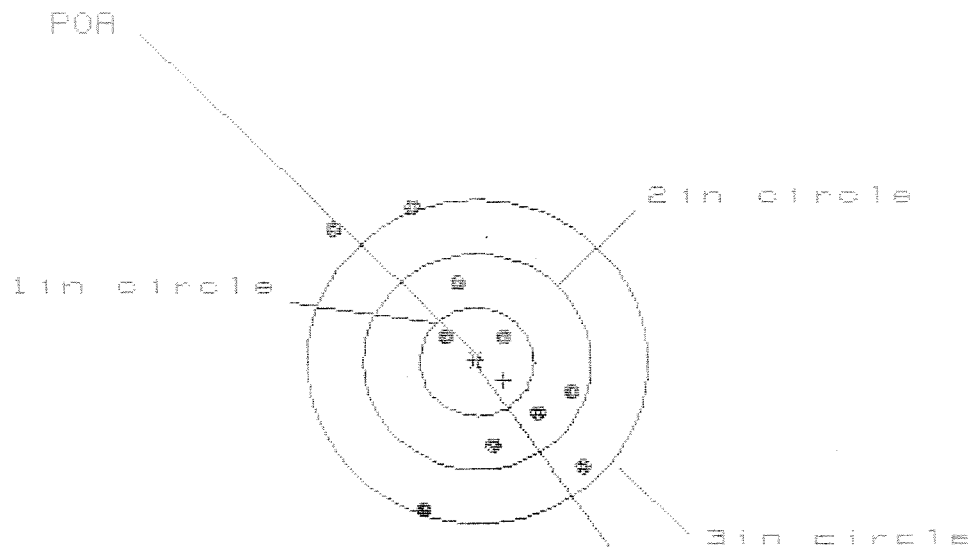
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.862	.746	.830
MINIMUM X	-.977	-.881	-.797
MAXIMUM Y	.563	.449	.295
MINIMUM Y	-1.118	-1.232	-.422
CENTROID X	.188	.092	.008
CENTROID Y	-.037	.077	.231
POA TO CENTROID in.	.191	.120	.232
MIN RADIUS	.239	.123	.155
MEAN RADIUS	.746	.636	.524
MAX RADIUS	1.345	1.402	.902
HORIZONTAL SPREAD	1.839	1.627	1.627
VERTICAL SPREAD	1.681	1.681	.717
EXTREME SPREAD	2.332	2.177	1.778
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11506

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.213

VS= 2.778

GS= 3.142

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.931	.788	.698
MINIMUM X	:	-1.282	-.720	-.655
MAXIMUM Y	:	1.401	1.544	1.111
MINIMUM Y	:	-1.377	-1.234	-1.041
CENTROID X	:	-.232	-.089	.001
CENTROID Y	:	.169	.026	-.167
POA TO CENTROID in.	:	.286	.093	.167
MIN RADIUS	:	.311	.343	.364
MEAN RADIUS	:	.991	.875	.745
MAX RADIUS	:	1.812	1.703	1.230
HORIZONTAL SPREAD	:	2.213	1.508	1.353
VERTICAL SPREAD	:	2.778	2.778	2.152
EXTREME SPREAD	:	3.142	2.793	2.171
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611586

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.772

VS= 2.042

GS= 2.234

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.167	.585	.567
MINIMUM X	:	-.605	-.476	-.494
MAXIMUM Y	:	.797	.733	.569
MINIMUM Y	:	-1.244	-1.309	-.717
CENTROID X	:	.155	.026	.044
CENTROID Y	:	-.215	-.150	.014
POA TO CENTROID in.	:	.265	.152	.046
MIN RADIUS	:	.235	.238	.105
MEAN RADIUS	:	.715	.629	.518
MAX RADIUS	:	1.303	1.317	.741
HORIZONTAL SPREAD	:	1.772	1.061	1.061
VERTICAL SPREAD	:	2.042	2.042	1.286
EXTREME SPREAD	:	2.234	2.094	1.357
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611586

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 6

2in = 9

3in = 10

HS= 1.173

VS= 1.783

GS= 1.784

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.745	.747	.328
MINIMUM X	:	-.428	-.426	-.333
MAXIMUM Y	:	1.240	.397	.403
MINIMUM Y	:	-.543	-.405	-.399
CENTROID X	:	-.010	-.012	-.105
CENTROID Y	:	.032	-.106	-.112
POA TO CENTROID in.	:	.033	.107	.154
MIN RADIUS	:	.055	.096	.073
MEAN RADIUS	:	.462	.354	.296
MAX RADIUS	:	1.240	.748	.437
HORIZONTAL SPREAD	:	1.173	1.173	.661
VERTICAL SPREAD	:	1.783	.802	.802
EXTREME SPREAD	:	1.784	1.194	.803
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

13 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811586

CENTERFIRE PATTERNS # 5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 3.334

VS= 2.111

GS= 3.444

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.788	.947	.768
MINIMUM X	-1.626	-1.437	-1.058
MAXIMUM Y	.940	.887	.910
MINIMUM Y	-1.171	-1.067	-1.044
CENTROID X	-.013	-.203	-.024
CENTROID Y	.133	.029	.006
POA TO CENTROID in.	.134	.205	.024
MIN RADIUS	.380	.179	.299
MEAN RADIUS	1.058	.934	.861
MAX RADIUS	1.949	1.448	1.255
HORIZONTAL SPREAD	3.334	2.384	1.826
VERTICAL SPREAD	2.111	1.954	1.954
EXTREME SPREAD	3.444	2.626	2.207
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		