

C6594608

MODEL 700™ M24

Model **SMS**™

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: **RE00038543** Serial: C6594608 Model 700 Center Fire Caliber: 7.62 NATO M24 SWS W/OBS 1 of 18 Repairman: Status: Closed 1/27/02 9:05:13 AM

Verify Repair

Address Information

Customer: Received From Return To Received From

Name: **HECTOR M ROCA** **HECTOR M ROCA**

Address 1: **BCO 3RD SFG A** **BCO 3RD SFG A**

Address 2: **PO Box:** **PO Box:**

City: **FORT BRAGG** **FORT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **910 432 3918**

Fax:

Email:

Comments:

Received Condition:

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A017	Scope Base	1

Repair Search Refresh Close

1/27/02 10:20 AM CAPS NUM INS SCRL

Start Inbo... Cale... Scpr... SW... srce... Ar... Print... 10:20 AM

Serial Number: **C6594608**

Model: **700**



RE00038543

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 38543			
SERIAL NUMBER C 6594608			
LOG-IN DATE 1-2-02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-2-02	RJR
560 A	RE-BARREL AT CUSTOM SHOP	1-3-02	BWT
B	DRILL AND TAP	1-3-02	BWT
C	POLISH		
575	ASSEMBLE	1-4-02	AC
600	PROOF	1-4-02	AC
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN	1-4-02	AC
612	MAGNAFLUX		AL
615	ROLLMARK CALIBER	1/7/02	AB
618	ROTO-BLAST	1/7	KO
620	APPLY COATINGS	1/7	HP
625 A	FINAL ASSEMBLY	1-9-02	RJR
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-10-02	AC
655	FINAL INSPECT	1-11-02	RJR
660	PACK	1-11-02	RA
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594608.___0
FILE DATE AND TIME: 01/10/2002 02:56

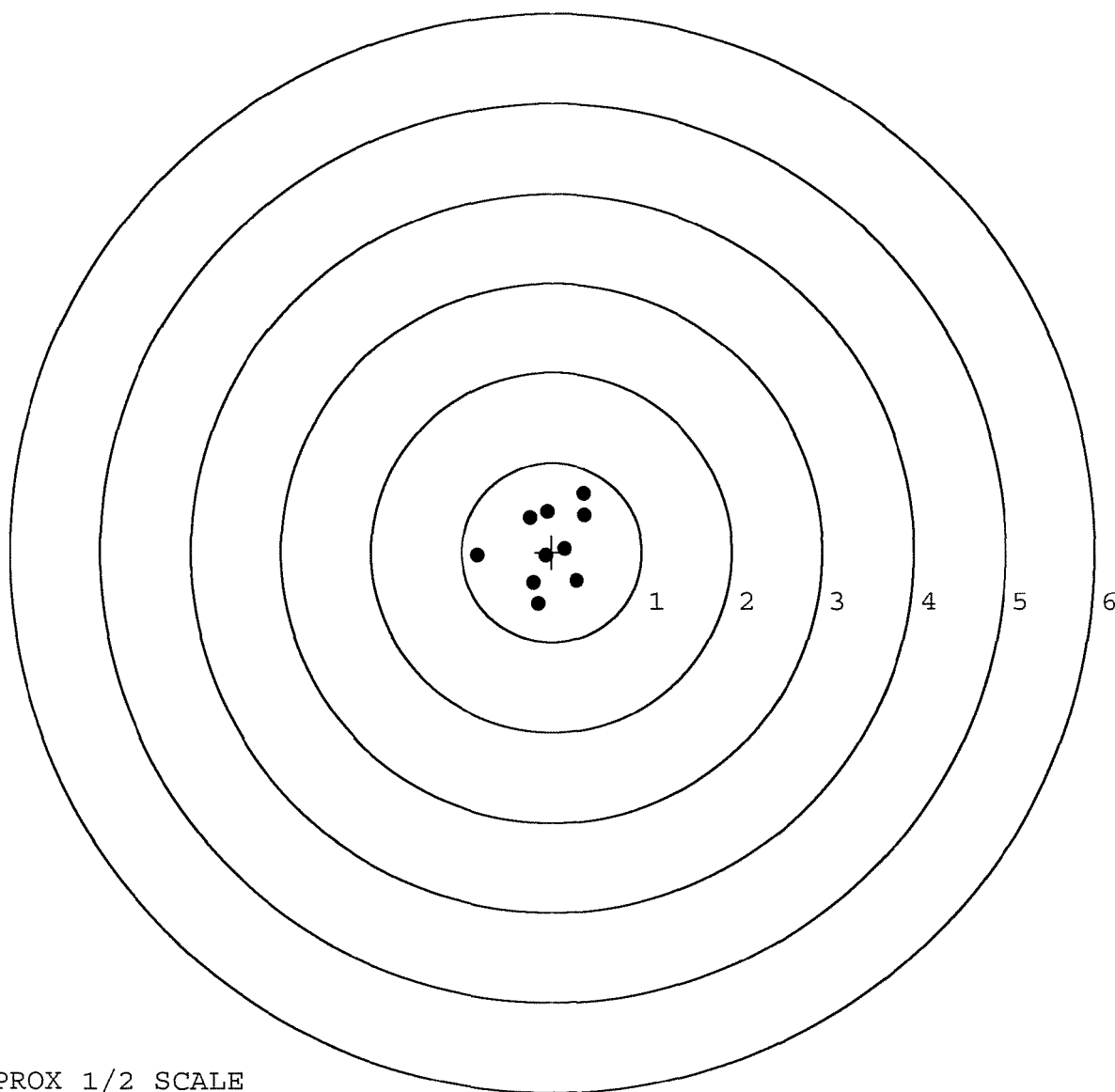
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.027
The Average Y Centroid of the Five Target Set:	0.100
The Average Point of Impact of the Five Target Set:	0.103
The Average Mean Radius of the Five Target Set:	0.508
The Distance from POA to Centroid Target #1:	0.075
The Distance from Centroid Target #2 to Centroid Target #1:	0.200
The Distance from Centroid Target #3 to Centroid Target #1:	0.185
The Distance from Centroid Target #4 to Centroid Target #1:	0.052
The Distance from Centroid Target #5 to Centroid Target #1:	0.065

SERIAL NUMBER: C6594608.___0
TARGET NUMBER: 1
FILE DATE: 01/10/2002
FILE TIME: 02:56

X CENTROID: -0.044
Y CENTROID: 0.061
POA TO CENTROID: 0.075
HORZ SPREAD: 1.185
VERT SPREAD: 1.240
GROUP SPREAD: 1.369
MIN RADIUS: 0.108
MAX RADIUS: 0.787
MEAN RADIUS: 0.470
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.357	0.654
2:	-0.059	0.450
3:	0.361	0.414
4:	-0.824	-0.038
5:	-0.154	-0.586
6:	-0.211	-0.343
7:	-0.073	-0.043
8:	0.280	-0.314
9:	0.141	0.034
10:	-0.253	0.386

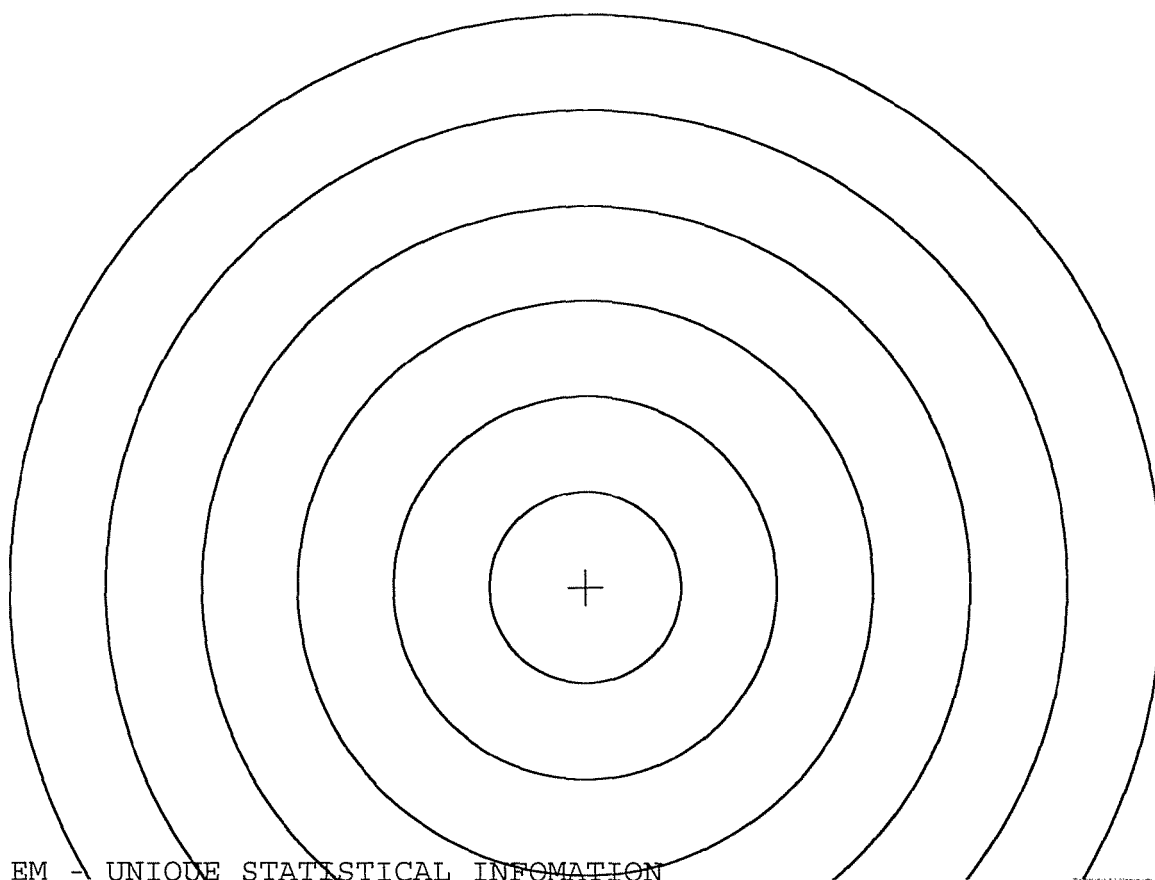


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594608.___0
TARGET NUMBER: 2
FILE DATE: 01/10/2002
FILE TIME: 02:56

X CENTROID: -0.124
Y CENTROID: 0.245
POA TO CENTROID: 0.274
HORZ SPREAD: 2.753
VERT SPREAD: 1.217
GROUP SPREAD: 2.817
MIN RADIUS: 0.045
MAX RADIUS: 1.729
MEAN RADIUS: 0.657
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.915	0.615
2:	0.158	0.718
3:	-0.546	0.729
4:	-1.838	0.016
5:	-0.248	-0.479
6:	0.230	-0.488
7:	0.017	0.033
8:	-0.100	0.283
9:	0.069	0.375
10:	0.106	0.644



FIREARM SERIAL NUMBER / DATASET NAME: C6594608.___
FILE DATE AND TIME: 01/10/2002 02:56

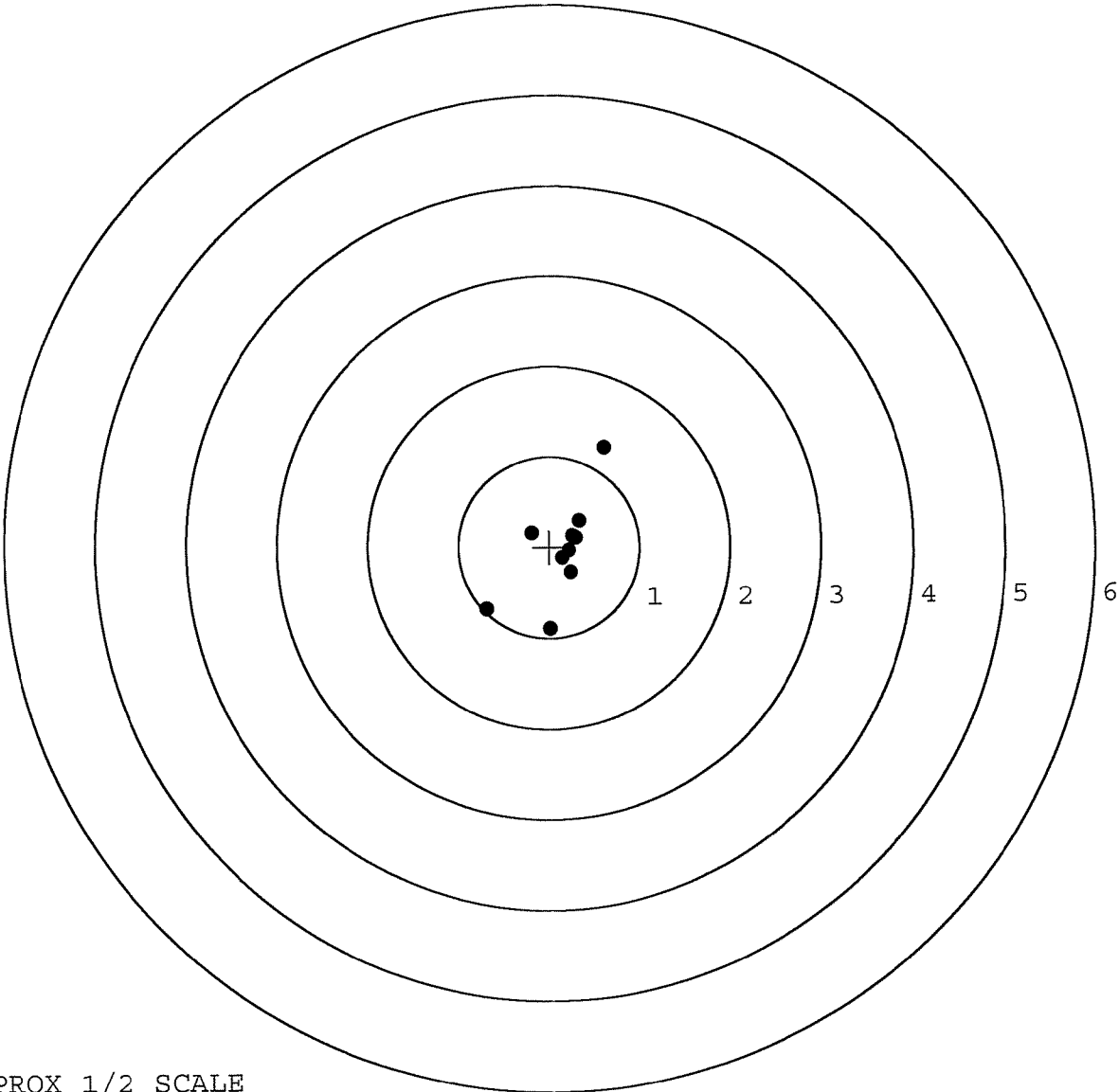
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INC

The Average X Centroid of the Five Target Set:
The Average Y Centroid of the Five Target Set:
The Average Point of Impact of the Five Target
The Average Mean Radius of the Five Target Set:

SERIAL NUMBER: C6594608. __0
TARGET NUMBER: 3
FILE DATE: 01/10/2002
FILE TIME: 02:56

X CENTROID: 0.120
Y CENTROID: -0.026
POA TO CENTROID: 0.123
HORZ SPREAD: 1.313
VERT SPREAD: 2.000
GROUP SPREAD: 2.214
MIN RADIUS: 0.095
MAX RADIUS: 1.231
MEAN RADIUS: 0.482
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.619	1.099
2:	-0.200	0.156
3:	0.334	0.291
4:	-0.694	-0.684
5:	-0.006	-0.901
6:	0.236	-0.285
7:	0.214	-0.041
8:	0.296	0.104
9:	0.256	0.125
10:	0.142	-0.126

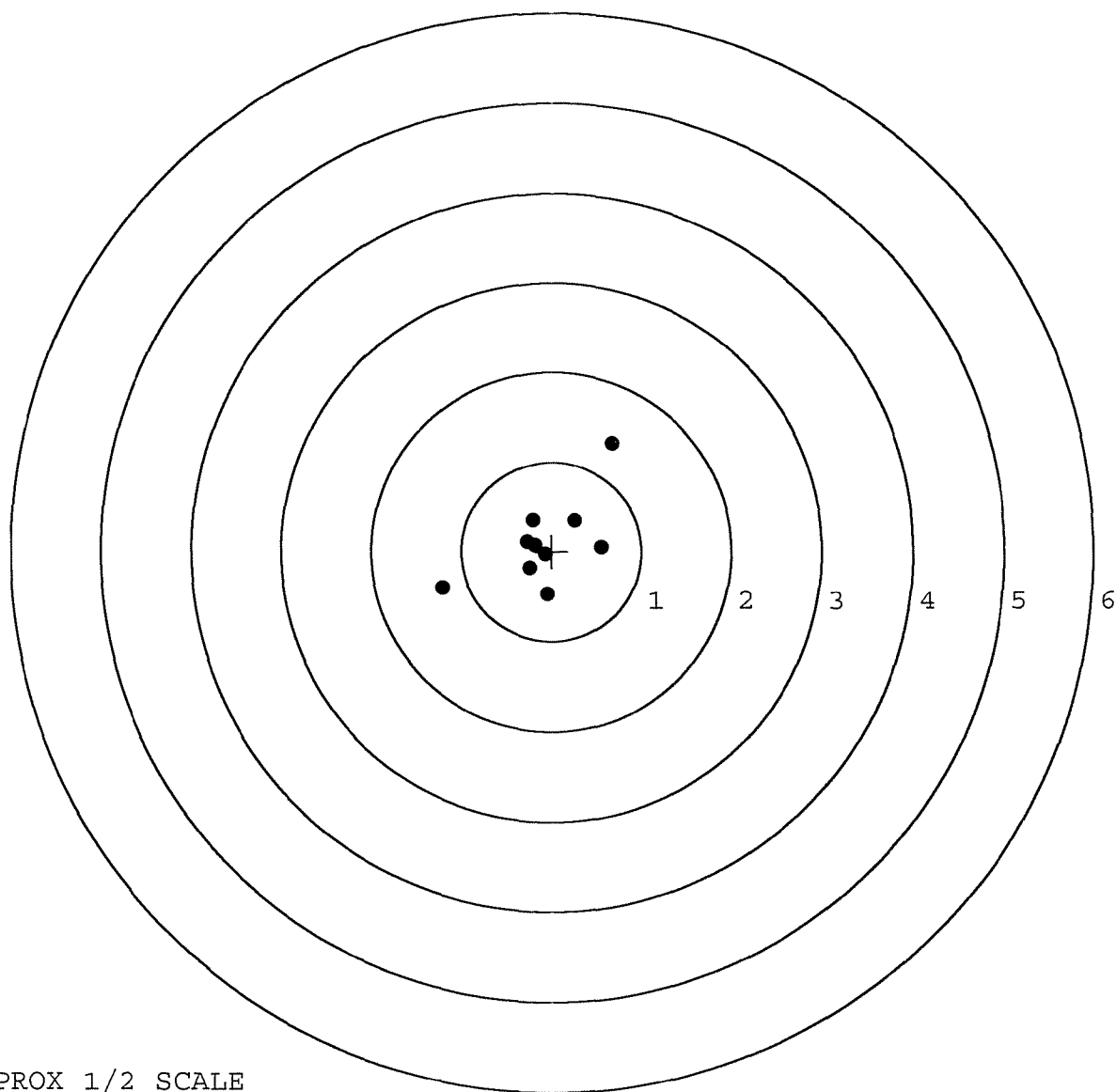


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594608.___0
TARGET NUMBER: 4
FILE DATE: 01/10/2002
FILE TIME: 02:56

X CENTROID: -0.077
Y CENTROID: 0.101
POA TO CENTROID: 0.127
HORZ SPREAD: 1.881
VERT SPREAD: 1.693
GROUP SPREAD: 2.480
MIN RADIUS: 0.119
MAX RADIUS: 1.339
MEAN RADIUS: 0.530
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.674	1.210
2:	-1.207	-0.407
3:	-0.052	-0.483
4:	0.554	0.052
5:	0.263	0.341
6:	-0.208	0.353
7:	-0.278	0.110
8:	-0.251	-0.192
9:	-0.077	-0.040
10:	-0.192	0.069

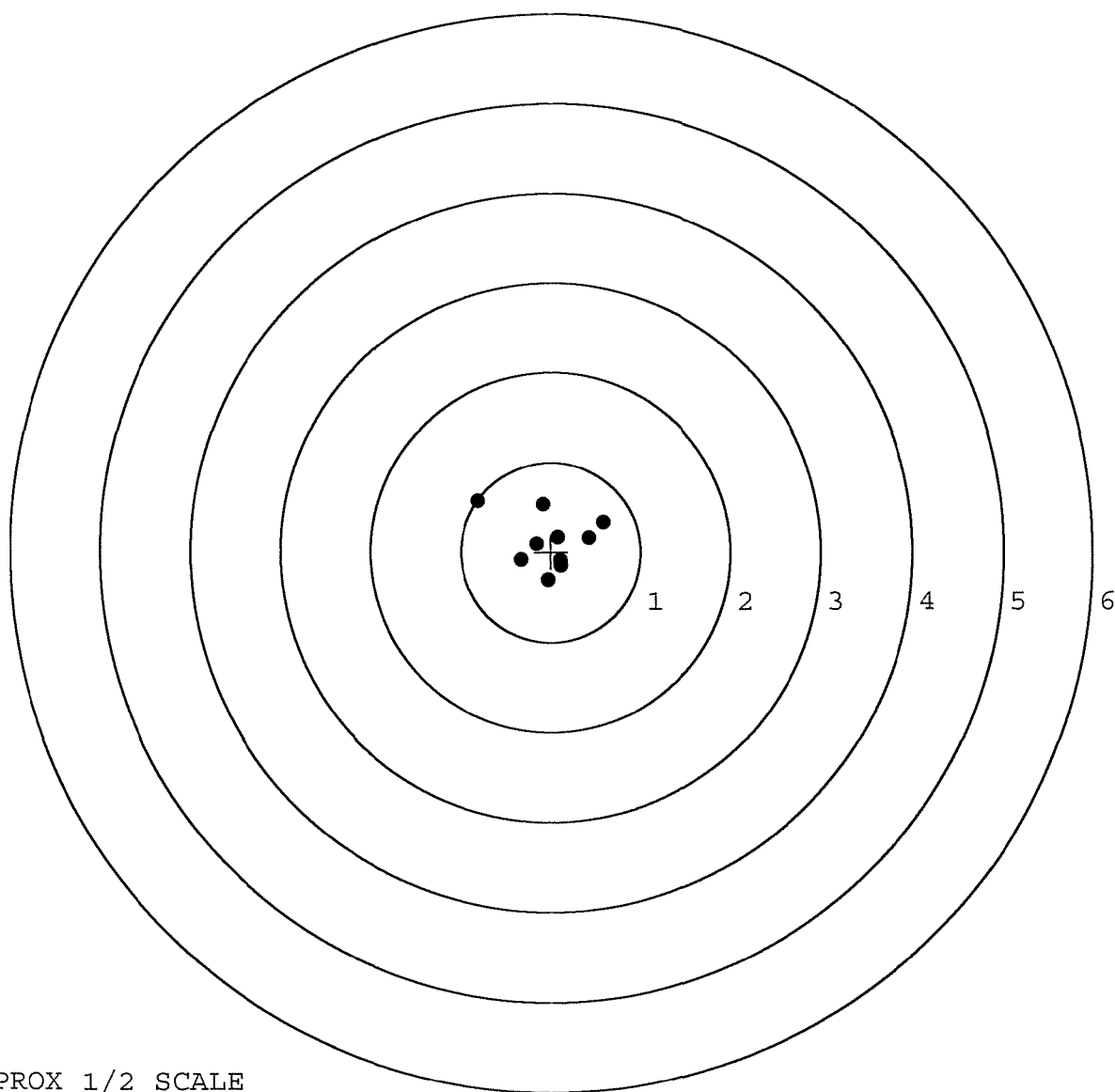


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594608.___0
TARGET NUMBER: 5
FILE DATE: 01/10/2002
FILE TIME: 02:56

X CENTROID: -0.012
Y CENTROID: 0.118
POA TO CENTROID: 0.118
HORZ SPREAD: 1.398
VERT SPREAD: 0.888
GROUP SPREAD: 1.419
MIN RADIUS: 0.103
MAX RADIUS: 0.917
MEAN RADIUS: 0.403
IN 1 IN DIAMETER: 8
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.808	0.572
2:	-0.089	0.527
3:	0.590	0.329
4:	0.430	0.156
5:	0.113	-0.159
6:	-0.038	-0.316
7:	-0.337	-0.088
8:	-0.160	0.091
9:	0.080	0.164
10:	0.102	-0.098



TARGET APPROX 1/2 SCALE

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




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

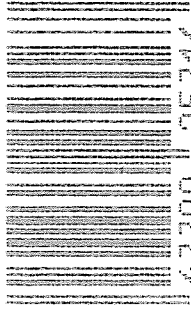
MODEL 700™ H24

SERIAL NO.
C6594608

ORDER NO.
5716

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

UPC



0 47200 25716 7



5716 C6594608

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C 6594608*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	Kd
600	Proof		10/31/90	Kd
607	Check Headspace		10/31/90	Kd
610	Dis-assemble Gun		10/31/90	Kd
612	Magnaflux Barrel Action		11/1/90	KCR
	Magnaflux Bolt		11/1/90	KCR
615	Rollmark Caliber		11/1/90	KCR
617	Drill and Tap Sight Holes		11/5/90	AB
618	Polish Barrel <i>AB</i>		11/6/90	WB
620	Apply Coatings (Barrel Action)		11/26/90	<i>JS</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/28/90	K.S.
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/28/90	K.S.
	C) Inspect Ejector Hole for Chamfer		12/28/90	K.S.
	D) Oil Firing Pin Ass'y		12/28/90	K.S.
	E) Adjust Trigger Pull to Min Setting and Stake		1/7/91	<i>JM</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3.75	3.75	3.50			1/2/91	KY
	G) Safety Off Force	3.25	3.25	3.25			1/2/91	KY
	H) Trigger Pull Test & Retainability						1/7/91	JH
	I) Firing Pin Indent	.020	.020	.020			1/2/91	KY
	J) Assemble Stock						1/5/91	KY
	K) Assemble Swivel Studs						1-17-91	JH
	L) Attach Front and Rear Sight Assemblies						1/5/91	KY
	M) Iron Sight Alignment						1/5/91	KY
	N) Detach Front & Rear Sights & place in numbered container						1/5/91	KY
	O) Attach Scope to Rifle						1/5/91	KY
	P) Detach & Attach Scope 20 Times						1/5/91	KY
640	Gallery Target & Test						1-16-91	AC
	A) Time						1-16-91	AC
	B) Malfunctions						1-16-91	AC
	C) Pierced Primers						1-16-91	AC
	D) Optical Clarity of Scope						1-16-91	AC
645	Inspect for Live Ammo						1-16-91	AC
655	Final Inspection							
	A) Headspace						1-17-91	JH
	B) Trigger Pull	2.42	2.26	2.36	2.42	2.40	1-17-91	JH
	C) Function						1-17-91	JH
660	Pack						3-19-91	NE

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6594608

DATE 1-7-91

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.46	2.18	2.42	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.47	2.33	2.26	
PULL #3	2.24	2.40	2.31	2.36	
PULL #4	2.22	2.50	2.33	2.42	
PULL #5	2.32	2.29	2.20	2.40	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.38		
PULL #2	3.23	3.39		
PULL #3	3.41	3.49		
PULL #4	3.40	3.36		
PULL #5	3.45	3.49		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.36	4	4.36
PULL #2	4.21	4.32		4.31
PULL #3	4.30	4.33		4.34
PULL #4	4.32	4.27		4.28
PULL #5	4.29	4.32		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594608
17 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.100896
1 TO	2	.26149
1 TO	3	.107564
1 TO	4	.272485
1 TO	5	.367545

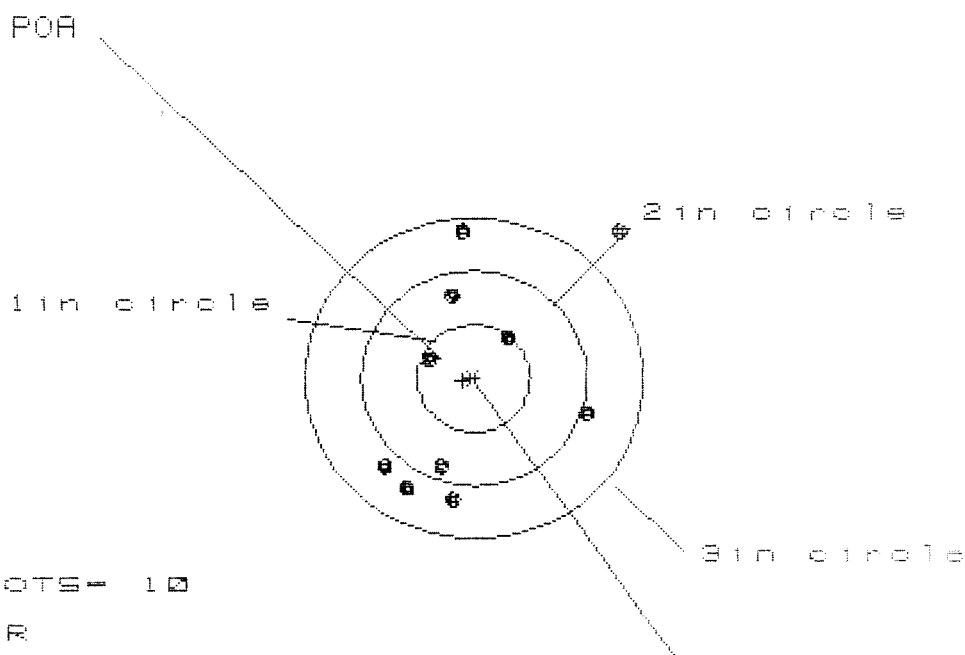
$\frac{3}{5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1098
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0318
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .114312
THE AMR FOR THIS RIFLE IS: .9698

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/CS534600

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 4

HS = 2.071

VS = 2.483

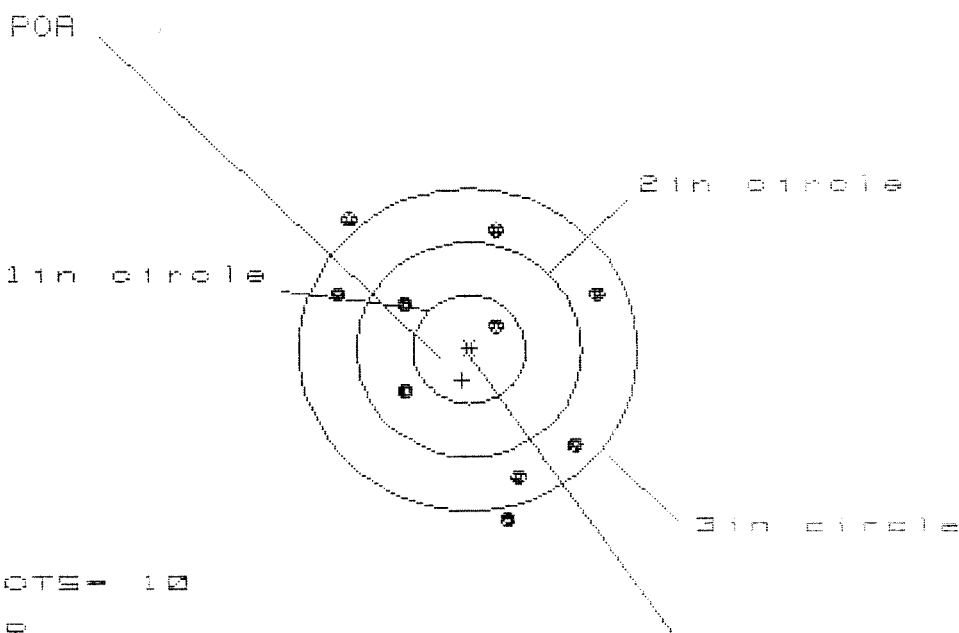
GS = 3.086

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.381	1.119	1.124
MINIMUM X	-1.770	-.625	-.620
MAXIMUM Y	1.376	1.509	1.099
MINIMUM Y	-1.107	-.954	-.765
CENTROID X	.098	-.047	-.052
CENTROID Y	.024	-.129	-.318
POA TO CENTROID in.	.101	.137	.322
MIN RADIUS	.433	.438	.501
MEAN RADIUS	1.025	.910	.815
MAX RADIUS	1.894	1.510	1.125
HORIZONTAL SPREAD	2.071	1.744	1.744
VERTICAL SPREAD	2.483	2.463	1.864
EXTREME SPREAD	3.086	2.464	1.864
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	4		

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594608

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 3

3in = 8

HS = 2.253

VS = 2.789

GS = 3.120

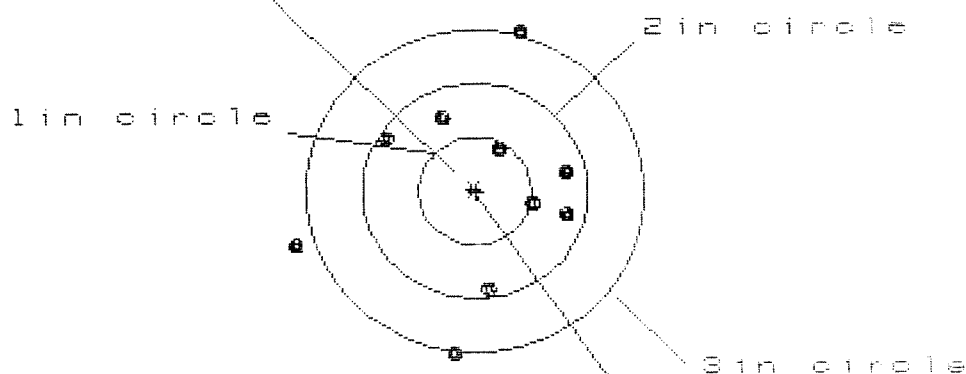
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.135	1.176	1.052
MINIMUM X	:	-1.118	-1.077	-1.201
MAXIMUM Y	:	1.210	1.034	1.065
MINIMUM Y	:	-1.579	-1.377	-1.248
CENTROID X	:	.062	.021	.145
CENTROID Y	:	.283	.459	.330
FOR TO CENTROID in.	:	.290	.459	.360
MIN RADIUS	:	.299	.265	.207
MEAN RADIUS	:	1.105	1.027	.973
MAX RADIUS	:	1.621	1.453	1.299
HORIZONTAL SPREAD	:	2.253	2.253	2.253
VERTICAL SPREAD	:	2.789	2.411	2.313
EXTREME SPREAD	:	3.120	2.818	2.444
NUMBER IN ONE INCH CIRCLE =		1		
NUMBER IN TWO INCH CIRCLE =		3		
NUMBER IN THREE INCH CIRCLE =		8		

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06534883

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 7

HS= 2.468

VS= 2.987

GS= 3.053

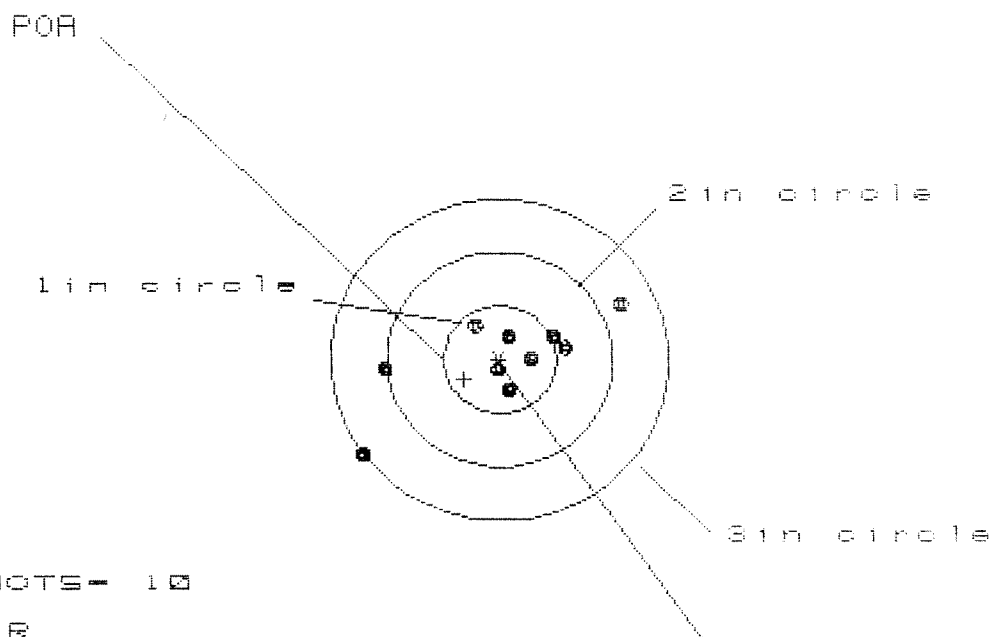
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.828	.646	.677
MINIMUM X	:	-1.640	-.951	-.919
MAXIMUM Y	:	1.499	1.447	.787
MINIMUM Y	:	-1.488	-1.540	-1.359
CENTROID X	:	-.009	.173	.141
CENTROID Y	:	.013	.065	-.116
POA TO CENTROID in.	:	.016	.185	.183
MIN RADIUS	:	.473	.378	.390
MEAN RADIUS	:	1.003	.885	.820
MAX RADIUS	:	1.705	1.586	1.403
HORIZONTAL SPREAD	:	2.468	1.597	1.597
VERTICAL SPREAD	:	2.987	2.987	2.146
EXTREME SPREAD	:	3.053	3.053	2.147
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		7	

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594600

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 7

3 in = 10

HS= 2.250

VS= 1.336

GS= 2.625

CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.039	.903	.543
MINIMUM X	:	-1.221	-1.154	-1.041
MAXIMUM Y	:	.484	.389	.237
MINIMUM Y	:	-.853	-.409	-.361
CENTROID X	:	.320	.456	.343
CENTROID Y	:	.182	.277	.229
POA TO CENTROID in.	:	.368	.533	.412
MIN RADIUS	:	.090	.118	.141
MEAN RADIUS	:	.597	.470	.411
MAX RADIUS	:	1.489	1.166	1.048
HORIZONTAL SPREAD	:	2.260	2.057	1.584
VERTICAL SPREAD	:	1.336	.798	.598
EXTREME SPREAD	:	2.625	2.131	1.595
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594688

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= 2.566

VS= 2.394

GS= 3.142

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.334	1.013	.878
MINIMUM X	:	-1.232	-1.084	-.953
MAXIMUM Y	:	1.105	1.198	1.087
MINIMUM Y	:	-1.289	-1.196	-1.307
CENTROID X	:	.078	-.070	.065
CENTROID Y	:	-.343	-.436	-.325
POA TO CENTROID in.	:	.352	.442	.332
MIN RADIUS	:	.186	.255	.164
MEAN RADIUS	:	1.119	1.070	1.002
MAX RADIUS	:	1.574	1.436	1.463
HORIZONTAL SPREAD	:	2.566	2.097	1.831
VERTICAL SPREAD	:	2.394	2.394	2.394
EXTREME SPREAD	:	3.142	2.803	2.724
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	