

C6587740

MODEL 700™ M24

Model SMS

™

Action

Barrel Length

Capacity

Order No.

5715

*Includes 1 in chamber.

Remington

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

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

MODEL 700™ M24

SERIAL NO. C6587740

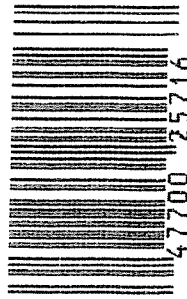
ORDER NO. 5716

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



5716 C6587740

UPC



0 47700 25716 7

Aims 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: **RE00045874** Serial: C6587740 Model: 700 Center Fire Caliber: 7.62 NATO M 24 (SWS) Repairman: Status: Closed 5/1/02 6:49:24 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **SUPPLY CENTER** **SUPPLY CENTER**

Address 1: **2950 NORTH PARK RD** **2950 NORTH PARK RD**

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

City: **LINCOLN** **LINCOLN**

State: **NE** Zip Code: **68521** Country: **US** State: **NE** Zip Code: **68521** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Pool:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1

Repair Search Refresh Close

maglet 5/1/02 7:45 AM CAPS NUM NS SCPL

Start Inbox ... Calen ... Micros ... SAPL ... Googl ... Arms ... Printsc ... 7:46 AM

Serial Number: **C6587740**

Model: **700**



RE00045874

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

R & E NUMBER 45874			
SERIAL NUMBER C6587740			
LOG-IN DATE 5/1/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5/1/02	RL
560 A	RE-BARREL AT CUSTOM SHOP	5/2/02	BWT
B	DRILL AND TAP	5/2/02	BWT
C	POLISH		
575	ASSEMBLE	5/3/02	RL
600	PROOF MAGNA-FLUX	5/3/02	RL
605	CHECK HEADSPACE INSPECTED	5/3/02	RL
610	DIS-ASSEMBLE GUN MAY 3 2002	5/3/02	RL
612	MAGNAFLUX OPERATOR JRD		
615	ROLLMARK CALIBER	5/6/02	ls
618	ROTO-BLAST	5/7	KO
620	APPLY COATINGS	5-9	TA
625 A	FINAL ASSEMBLY	5/15/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	5-16-02	TRW
655	FINAL INSPECT	5/20/02	RL
660	PACK	5/20/02	DA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587740.___0
FILE DATE AND TIME: 05/17/2002 13:47

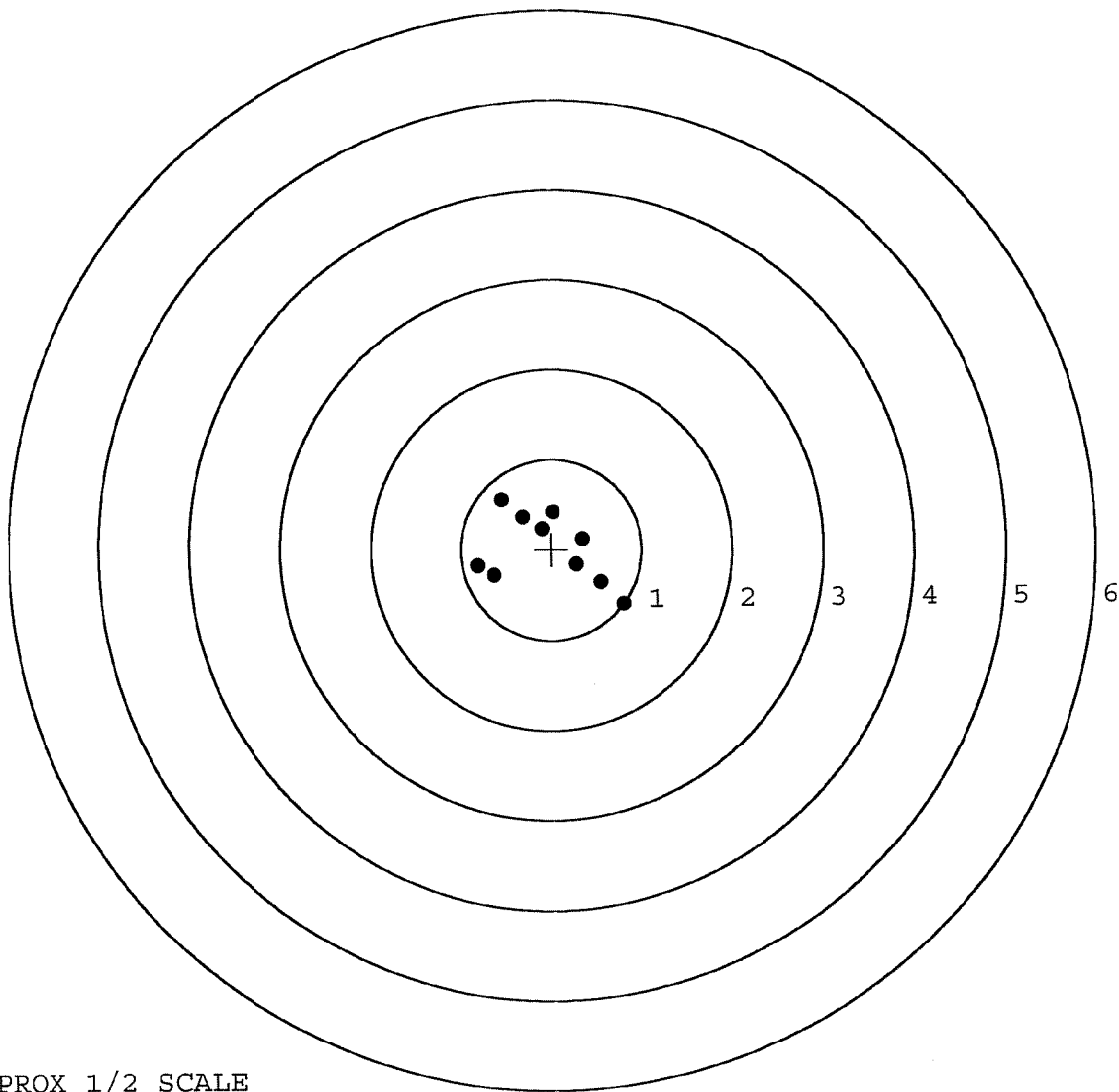
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.037
The Average Y Centroid of the Five Target Set:	-0.058
The Average Point of Impact of the Five Target Set:	0.069
The Average Mean Radius of the Five Target Set:	0.586
The Distance from POA to Centroid Target #1:	0.043
The Distance from Centroid Target #2 to Centroid Target #1:	0.087
The Distance from Centroid Target #3 to Centroid Target #1:	0.062
The Distance from Centroid Target #4 to Centroid Target #1:	0.237
The Distance from Centroid Target #5 to Centroid Target #1:	0.044

SERIAL NUMBER: C6587740. __0
 TARGET NUMBER: 1
 FILE DATE: 05/17/2002
 FILE TIME: 13:47

POINT#	X	Y
1:	0.801	-0.608
2:	0.549	-0.369
3:	0.280	-0.172
4:	0.349	0.115
5:	0.022	0.419
6:	-0.102	0.229
7:	-0.316	0.366
8:	-0.552	0.557
9:	-0.818	-0.178
10:	-0.634	-0.282

X CENTROID: -0.042
 Y CENTROID: 0.008
 POA TO CENTROID: 0.043
 HORZ SPREAD: 1.619
 VERT SPREAD: 1.165
 GROUP SPREAD: 1.785
 MIN RADIUS: 0.229
 MAX RADIUS: 1.044
 MEAN RADIUS: 0.582
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

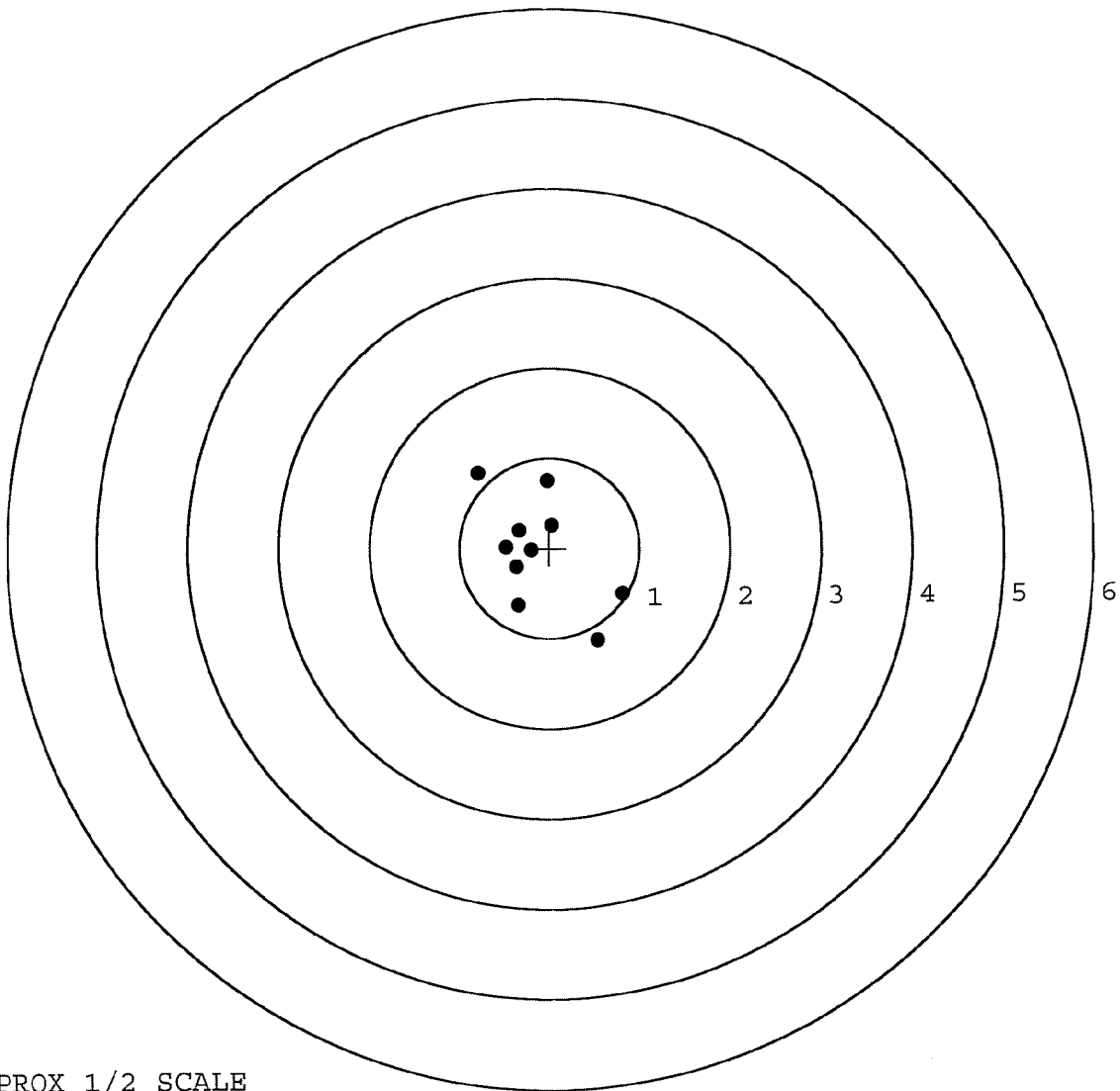


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587740. __0
 TARGET NUMBER: 2
 FILE DATE: 05/17/2002
 FILE TIME: 13:47

X CENTROID: -0.118
 Y CENTROID: -0.034
 POA TO CENTROID: 0.123
 HORZ SPREAD: 1.604
 VERT SPREAD: 1.871
 GROUP SPREAD: 2.291
 MIN RADIUS: 0.089
 MAX RADIUS: 1.187
 MEAN RADIUS: 0.619
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.813	-0.516
2:	0.532	-1.027
3:	-0.349	-0.639
4:	-0.791	0.844
5:	-0.020	0.752
6:	0.027	0.259
7:	-0.336	0.205
8:	-0.206	-0.022
9:	-0.481	0.015
10:	-0.368	-0.212

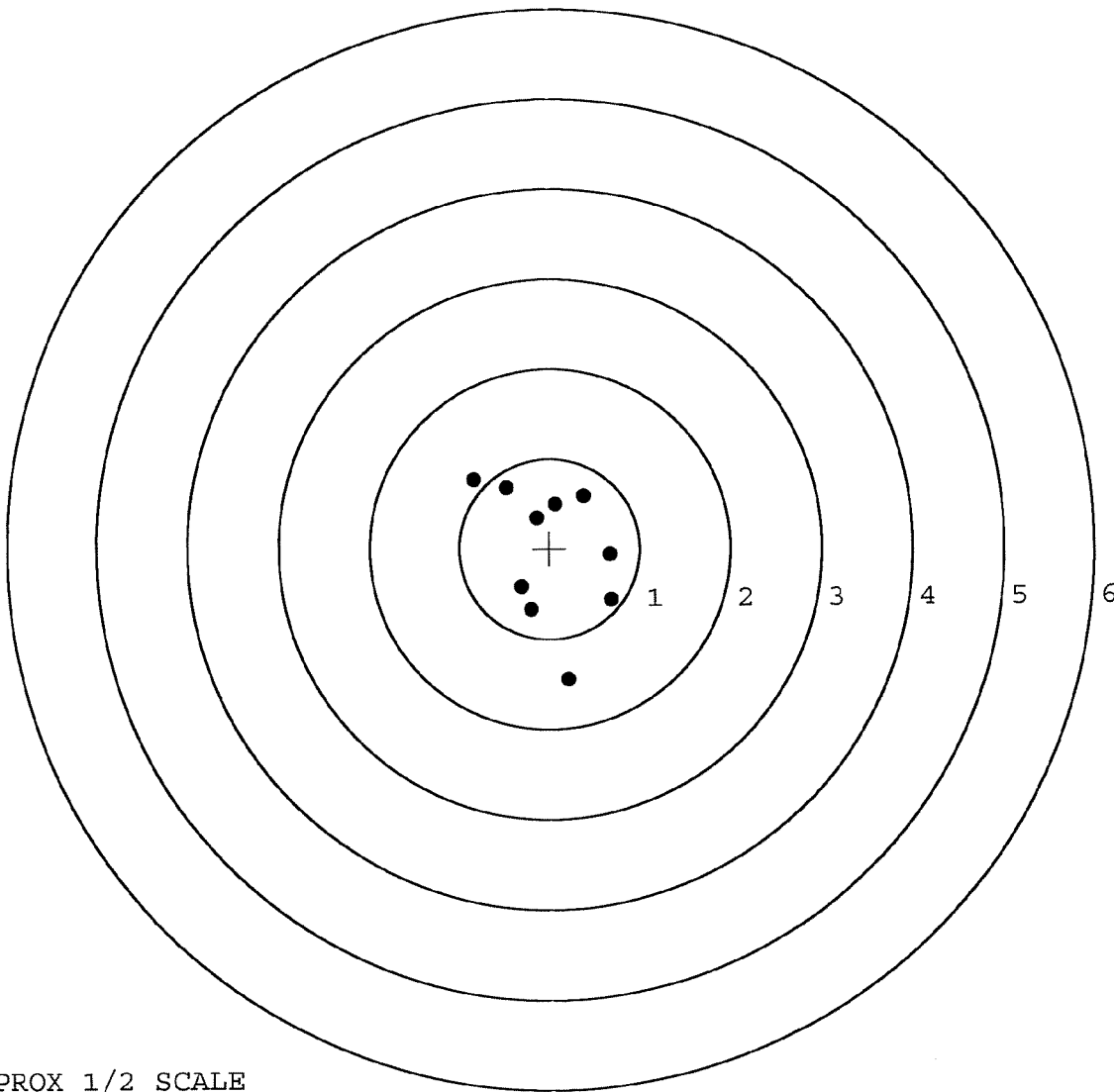


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587740. __0
 TARGET NUMBER: 3
 FILE DATE: 05/17/2002
 FILE TIME: 13:47

X CENTROID: 0.004
 Y CENTROID: -0.034
 POA TO CENTROID: 0.035
 HORZ SPREAD: 1.522
 VERT SPREAD: 2.228
 GROUP SPREAD: 2.460
 MIN RADIUS: 0.399
 MAX RADIUS: 1.439
 MEAN RADIUS: 0.783
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.208	-1.459
2:	-0.209	-0.677
3:	-0.314	-0.423
4:	0.686	-0.572
5:	0.673	-0.069
6:	0.380	0.583
7:	0.071	0.493
8:	-0.142	0.337
9:	-0.478	0.675
10:	-0.836	0.769

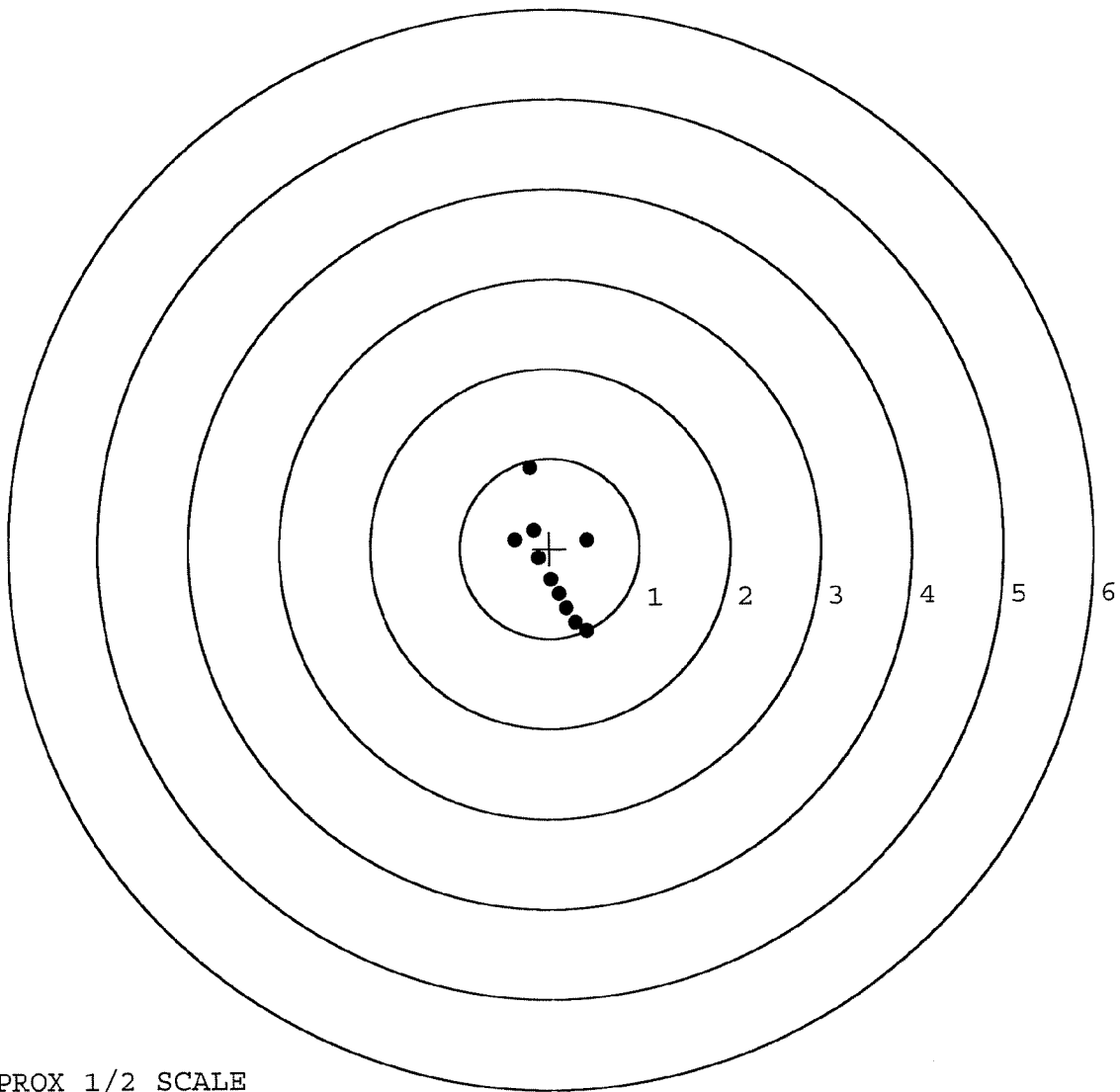


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587740. 0
 TARGET NUMBER: 4
 FILE DATE: 05/17/2002
 FILE TIME: 13:47

X CENTROID: 0.049
 Y CENTROID: -0.211
 POA TO CENTROID: 0.217
 HORZ SPREAD: 0.809
 VERT SPREAD: 1.823
 GROUP SPREAD: 1.929
 MIN RADIUS: 0.141
 MAX RADIUS: 1.141
 MEAN RADIUS: 0.522
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.420	0.088
2:	-0.219	0.898
3:	-0.176	0.200
4:	-0.389	0.095
5:	-0.133	-0.109
6:	0.009	-0.347
7:	0.103	-0.509
8:	0.182	-0.671
9:	0.281	-0.833
10:	0.411	-0.925



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587740. __0

TARGET NUMBER: 5

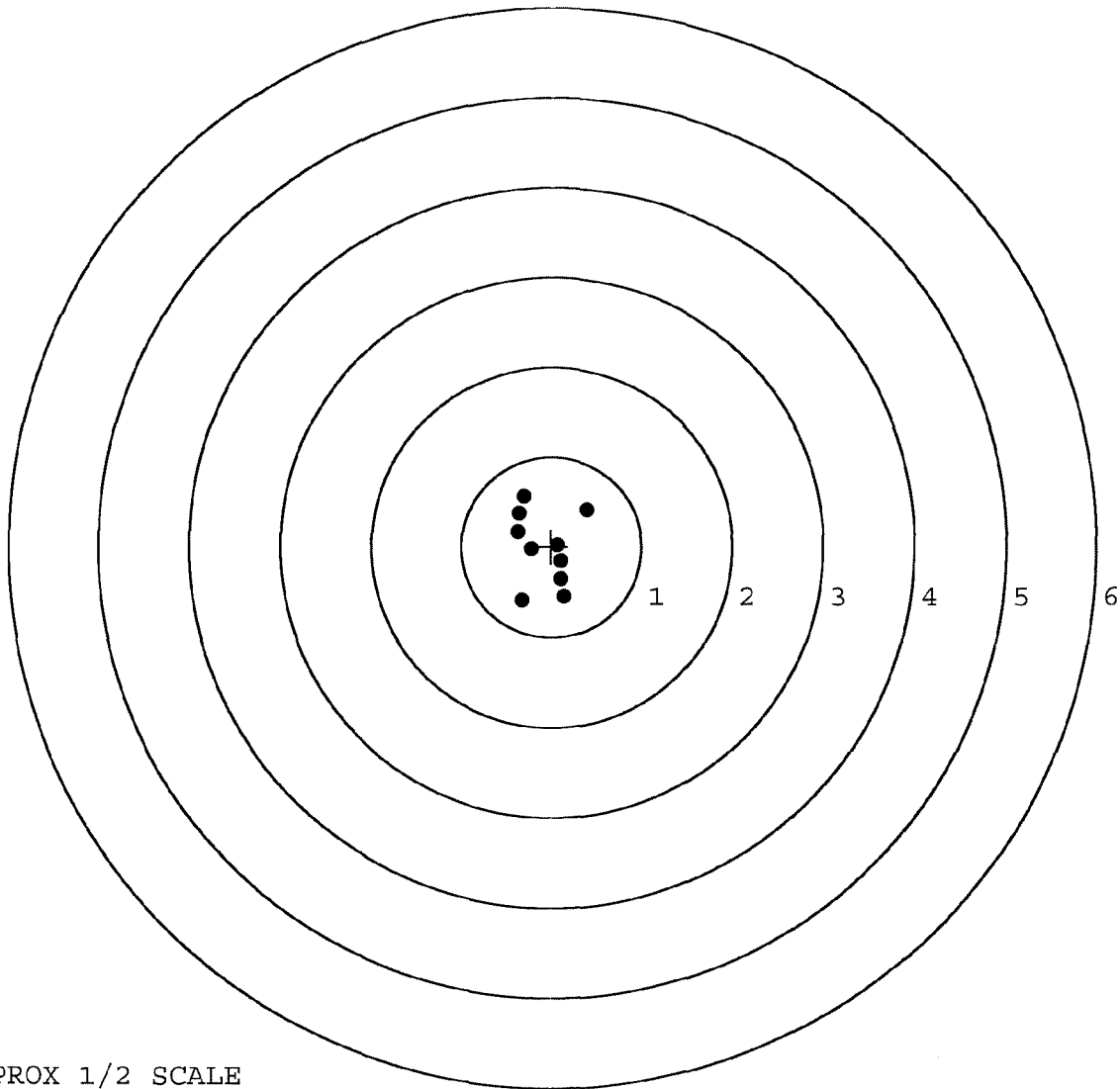
FILE DATE: 05/17/2002

FILE TIME: 13:47

X CENTROID: -0.077
Y CENTROID: -0.020
POA TO CENTROID: 0.080
HORZ SPREAD: 0.773
VERT SPREAD: 1.156
GROUP SPREAD: 1.246
MIN RADIUS: 0.145
MAX RADIUS: 0.641
MEAN RADIUS: 0.423

IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.332	-0.598
2:	0.397	0.412
3:	0.145	-0.558
4:	0.108	-0.365
5:	0.107	-0.162
6:	0.071	0.019
7:	-0.307	0.558
8:	-0.362	0.367
9:	-0.376	0.160
10:	-0.221	-0.032



TARGET APPROX 1/2 SCALE

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587740

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	90	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		10/24/90	LB
618	Polish Barrel RB		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-1-90	TH
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/19/90	WB

op. #	BARBER - M24 0026203 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			11/21/90	WB
	G) Safety Off Force	2	2	2			11/21/90	WB
	H) Trigger Pull Test & Retainability						11/19/90	WB
	I) Firing Pin Indent	.023	.023	.023			11/21/90	WB
	J) Assemble Stock						11/29/90	RW
	K) Assemble Swivel Studs						12-1-90	g28
	L) Attach Front and Rear Sight Assemblies						11/29/90	RW
	M) Iron Sight Alignment						11/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container						11/29/90	RW
	O) Attach Scope to Rifle						11/29/90	RW
	P) Detach & Attach Scope 20 Times						11/29/90	RW
640	Gallery Target & Test						11-30-90	AC
	A) Time						11-30-90	AC
	B) Malfunctions						11-30-90	AC
	C) Pierced Primers						11-30-90	AC
	D) Optical Clarity of Scope						11-30-90	AC
645	Inspect for Live Ammo						11-30-90	AC
655	Final Inspection							
	A) Headspace						12-1-90	g28
	B) Trigger Pull	210	266	253	260	262	12-1-90	g28
	C) Function						12-1-90	g28
660	Pack						12-18-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C6587740DATE 11/19/90TESTER W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.40	2.54	2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.54	2.57	2.66	
PULL #3	2.30	2.34	2.53	2.53	
PULL #4	2.30	2.63	2.60	2.60	
PULL #5	2.30	2.37	2.45	2.62	
TOTAL	11.64	12.28	12.69		
AVG.	2.33	2.45	2.54		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.12		
PULL #2	3.08	3.23		
PULL #3	3.27	3.25		
PULL #4	3.31	3.24		
PULL #5	3.19	3.22		
TOTAL	16.08	16.06		
AVG.	3.21	3.21		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.10		4.07
PULL #2	4.30	4.16		4.00
PULL #3	4.12	4.19		4.13
PULL #4	4.29	4.27		4.00
PULL #5	4.01	4.24		4.21
TOTAL	20.97	20.96		20.41
AVG.	4.19	4.19		4.08

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06587740
30 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.0904268
1 TO	2	.202712
1 TO	3	.170532
1 TO	4	.124888
1 TO	5	.149265

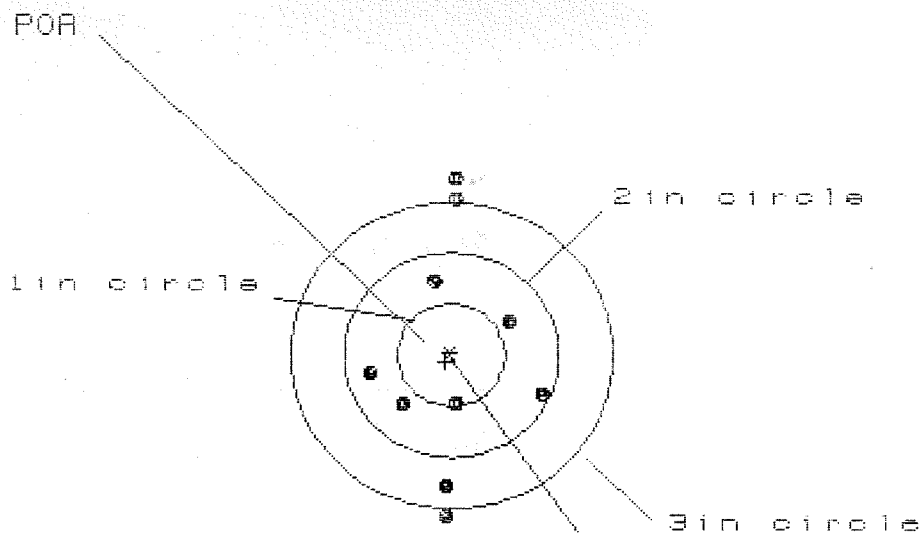
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0902
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0752
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .117435
THE AMR FOR THIS RIFLE IS: .9236

30 May 1980

FILE:/PATTERNING/CENTERFIRE_PATT/C8587740

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS = 1.518

VS = 3.261

GS = 3.262

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.795	.801	.798
MINIMUM X	-.723	-.717	-.720
MAXIMUM Y	1.704	1.685	1.514
MINIMUM Y	-1.557	-1.368	-1.214
CENTROID X	.056	.050	.052
CENTROID Y	.071	-.118	.052
POA TO CENTROID in.	.090	.129	.074
MIN RADIUS	.504	.315	.486
MEAN RADIUS	1.019	.913	.864
MAX RADIUS	1.705	1.685	1.515
HORIZONTAL SPREAD	1.518	1.518	1.518
VERTICAL SPREAD	3.261	3.053	2.728
EXTREME SPREAD	3.262	3.053	2.730
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		

30 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8587740

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 3.191

VS= 2.652

GS= 3.357

CENTROID *

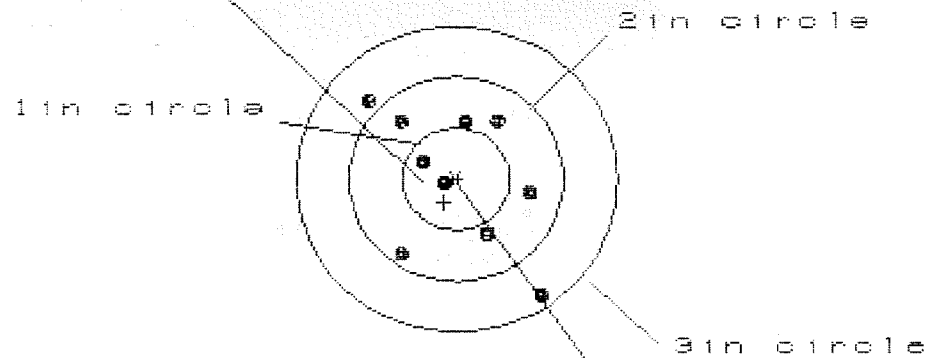
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.543	1.360	.706
MINIMUM X	:	-1.647	-.734	-.564
MAXIMUM Y	:	1.494	1.548	1.485
MINIMUM Y	:	-1.158	-1.104	-1.167
CENTROID X	:	.160	.344	.173
CENTROID Y	:	-.103	-.157	-.094
POA TO CENTROID in.	:	.191	.378	.197
MIN RADIUS	:	.256	.405	.253
MEAN RADIUS	:	1.097	1.022	.952
MAX RADIUS	:	1.718	1.565	1.486
HORIZONTAL SPREAD	:	3.191	2.094	1.269
VERTICAL SPREAD	:	2.652	2.652	2.652
EXTREME SPREAD	:	3.357	2.744	2.659
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

30 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587740

CENTERFIRE PATTERNS # 3

POR



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.611

VS= 1.847

GS= 2.451

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.773	.806	.712
MINIMUM X	:	-.838	-.752	-.548
MAXIMUM Y	:	.725	.601	.520
MINIMUM Y	:	-1.122	-.860	-.785
CENTROID X	:	.115	.029	.123
CENTROID Y	:	.231	.355	.280
POR TO CENTROID in.	:	.258	.357	.306
MIN RADIUS	:	.099	.195	.143
MEAN RADIUS	:	.716	.630	.586
MAX RADIUS	:	1.362	.973	.958
HORIZONTAL SPREAD	:	1.611	1.558	1.260
VERTICAL SPREAD	:	1.847	1.461	1.305
EXTREME SPREAD	:	2.451	1.765	1.613
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			10	

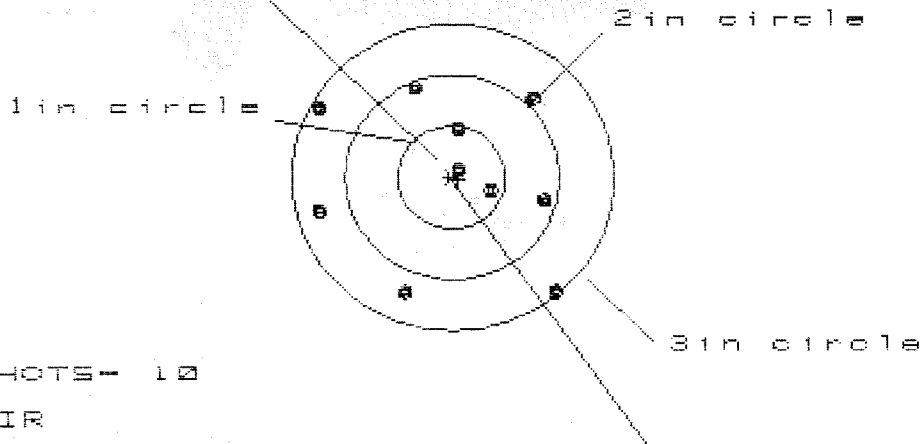
30 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587740

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 10

HS= 2.189

VS= 1.937

GS= 2.845

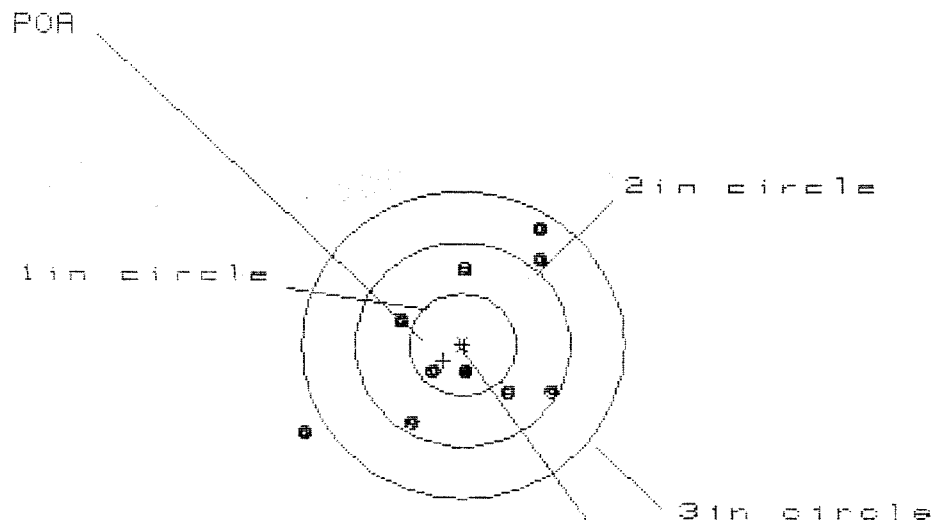
CENTROID #

PATTERN #	4
SHOTS (BEST OF)	10
MAXIMUM X	.966
MINIMUM X	-1.223
MAXIMUM Y	.834
MINIMUM Y	-1.103
CENTROID X	-.058
CENTROID Y	.020
POA TO CENTROID in.	.061
MIN RADIUS	.103
MEAN RADIUS	.927
MAX RADIUS	1.462
HORIZONTAL SPREAD	2.189
VERTICAL SPREAD	1.937
EXTREME SPREAD	2.845
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	10

30 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08587740

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.259

VS = 1.912

GS = 2.854

CENTROID *

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.837	.678	.744
MINIMUM X	-1.432	-.752	-.686
MAXIMUM Y	1.105	1.016	.867
MINIMUM Y	-.807	-.811	-.684
CENTROID X	.178	.337	.271
CENTROID Y	.157	.246	.120
POA TO CENTROID in.	.237	.417	.296
MIN RADIUS	.297	.411	.270
MEAN RADIUS	.859	.779	.702
MAX RADIUS	1.643	1.145	1.069
HORIZONTAL SPREAD	2.269	1.430	1.430
VERTICAL SPREAD	1.912	1.827	1.552
EXTREME SPREAD	2.854	2.148	1.938
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	