

C6587740

MODEL 700™ M24

Model SMS

™

Action

Barrel Length

Capacity

Order No.

5715

*Includes 1 in chamber.

Remington




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

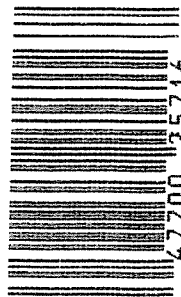
MODEL 700™ M24

SERIAL NO.
C6587740

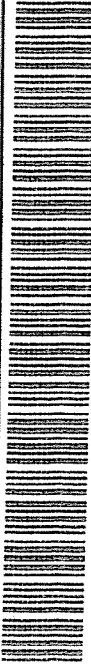
ORDER NO.
5716

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

UPC



0 47700 25716 7



5716 C6587740

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:

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 ... Aims ... 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 <i>NRD</i>		
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

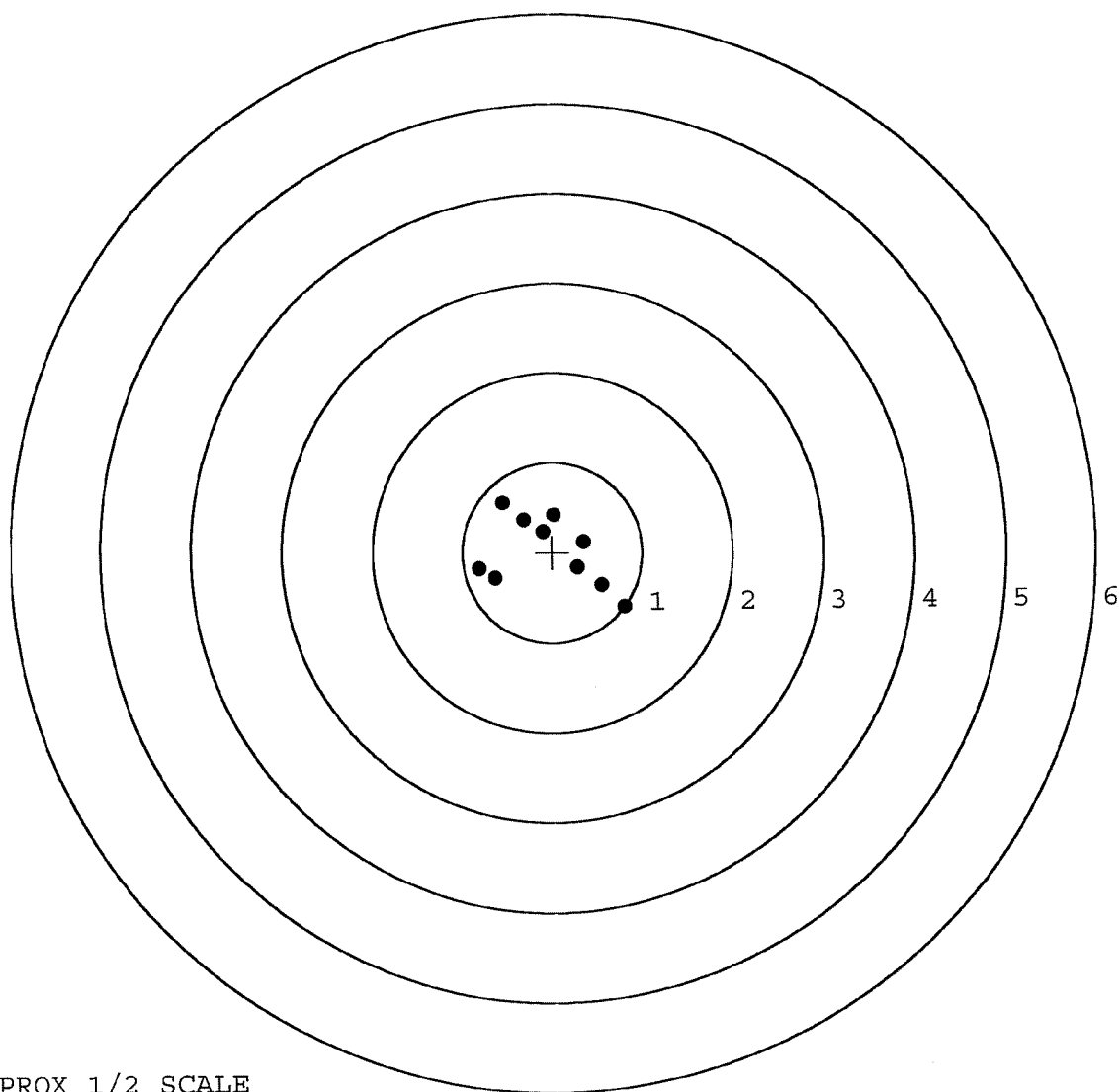
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

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

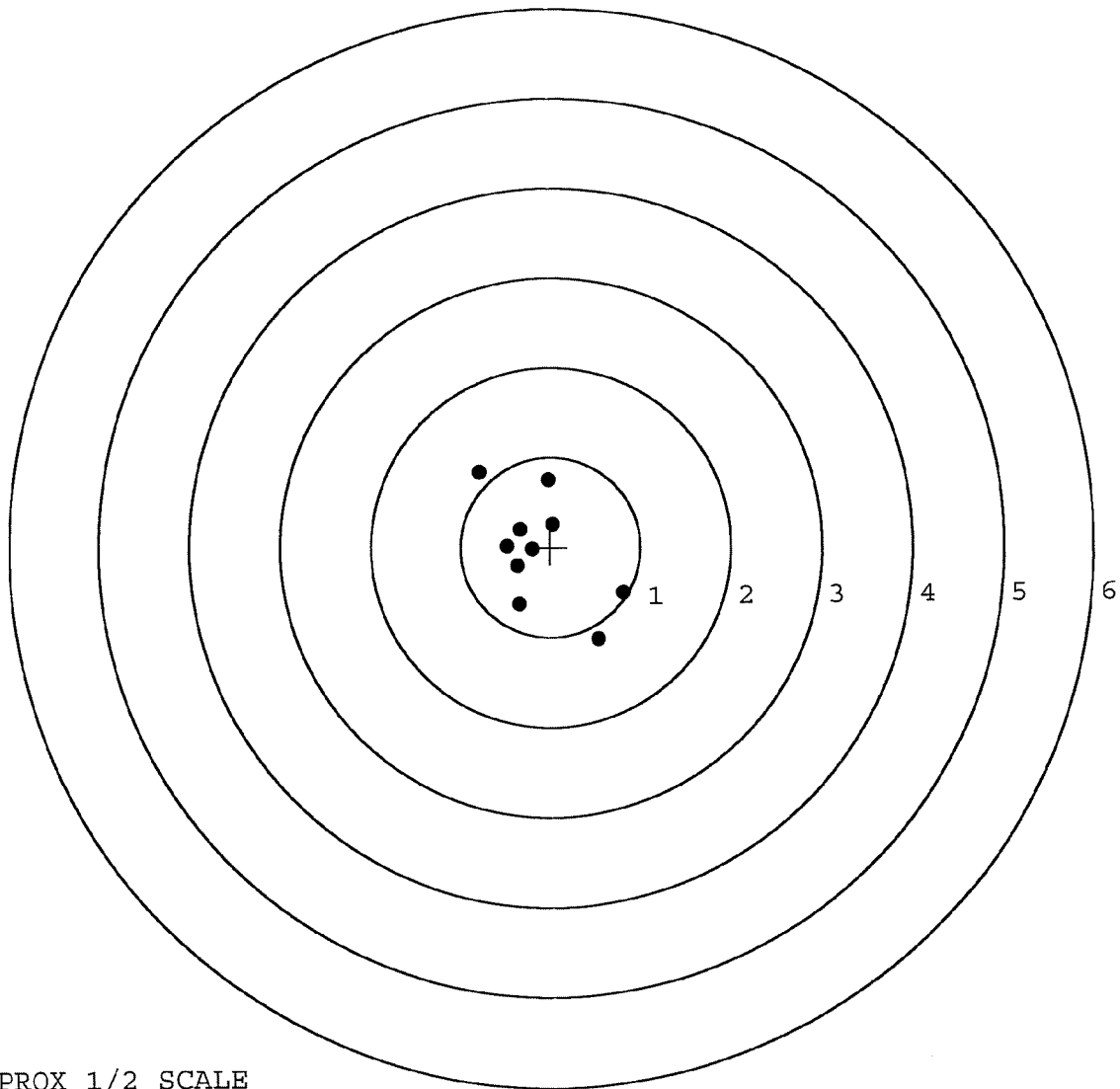


TARGET APPROX 1/2 SCALE

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

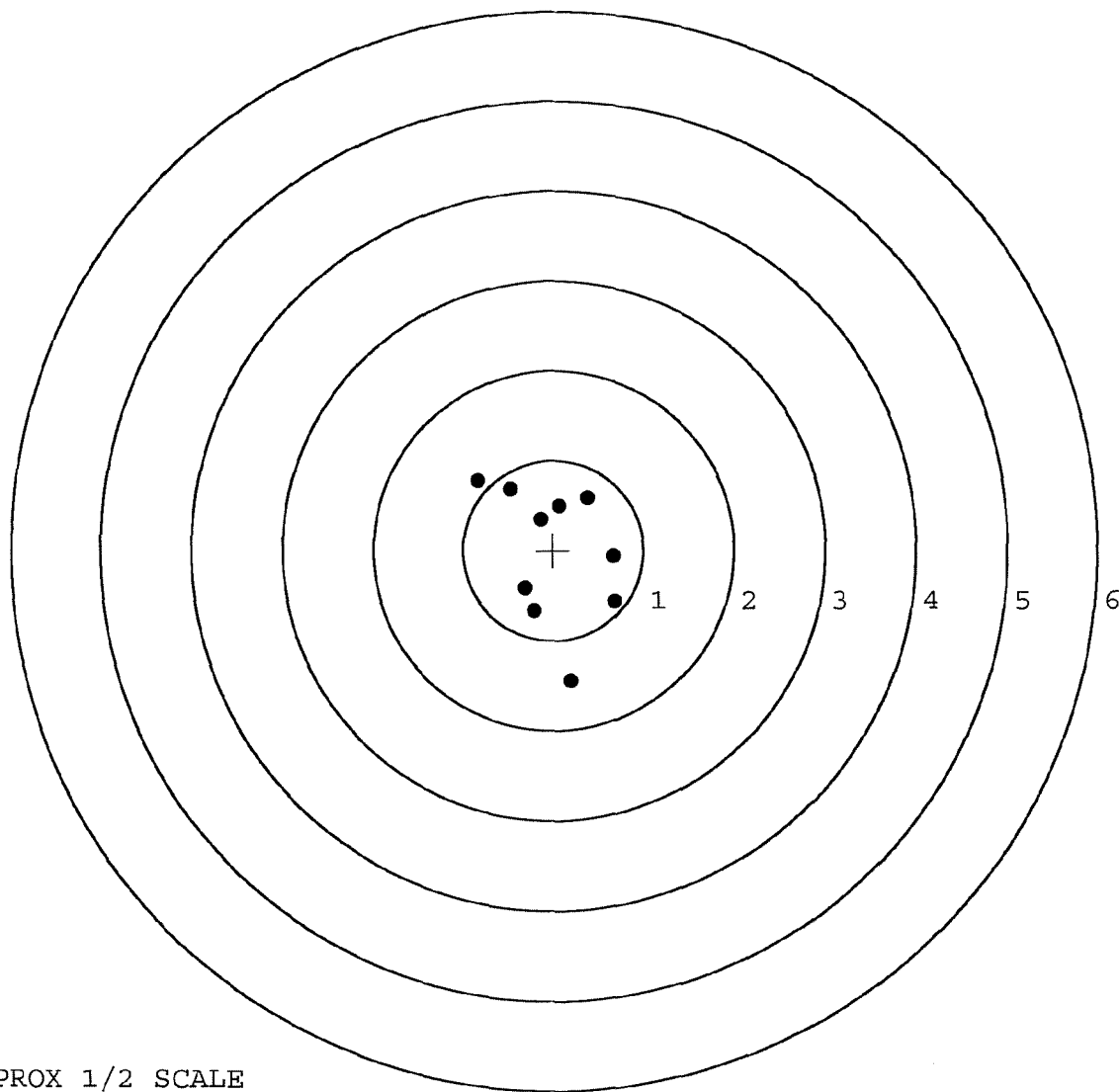
MEAN RADIUS: 0.783

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

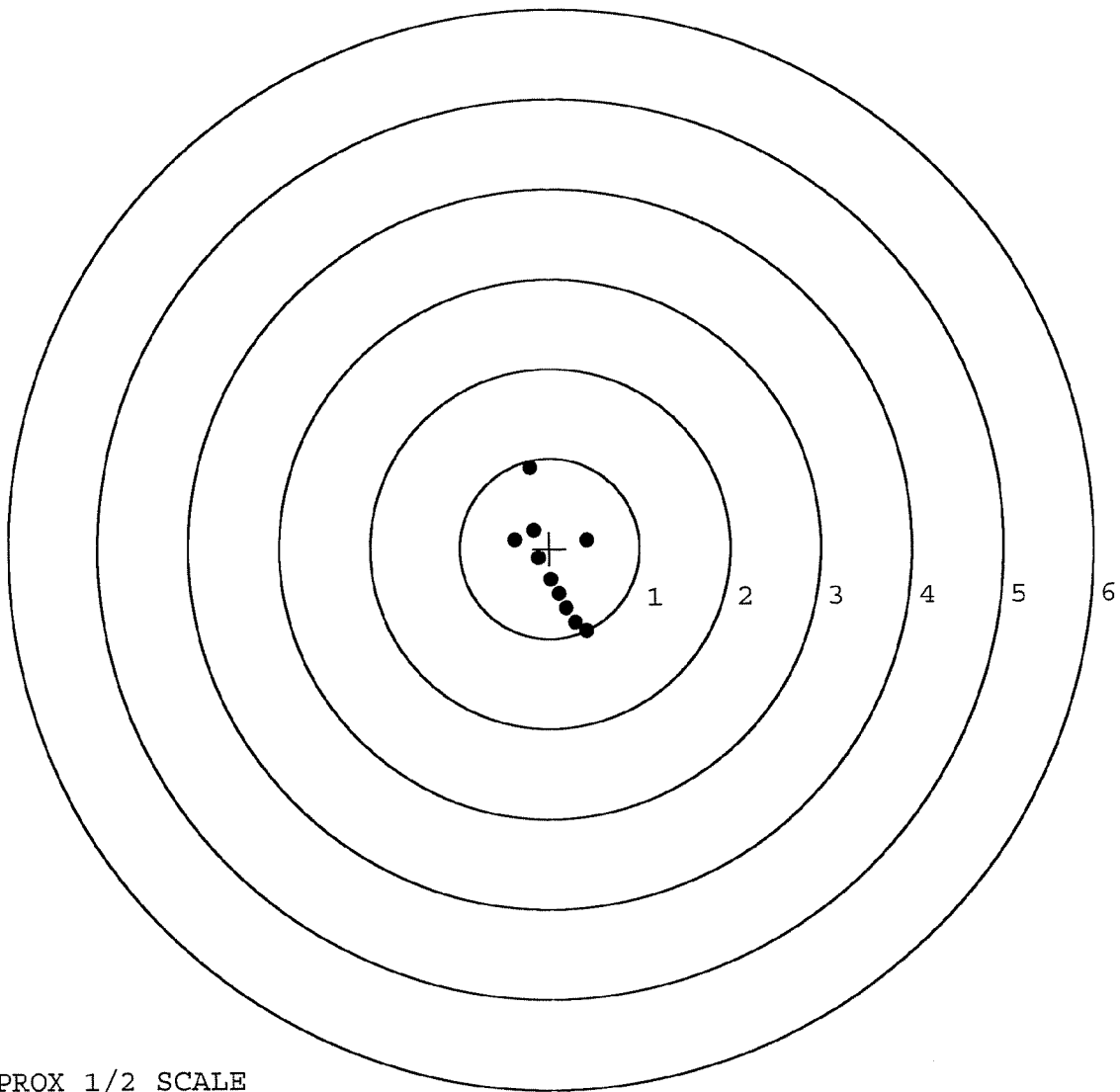


TARGET APPROX 1/2 SCALE

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

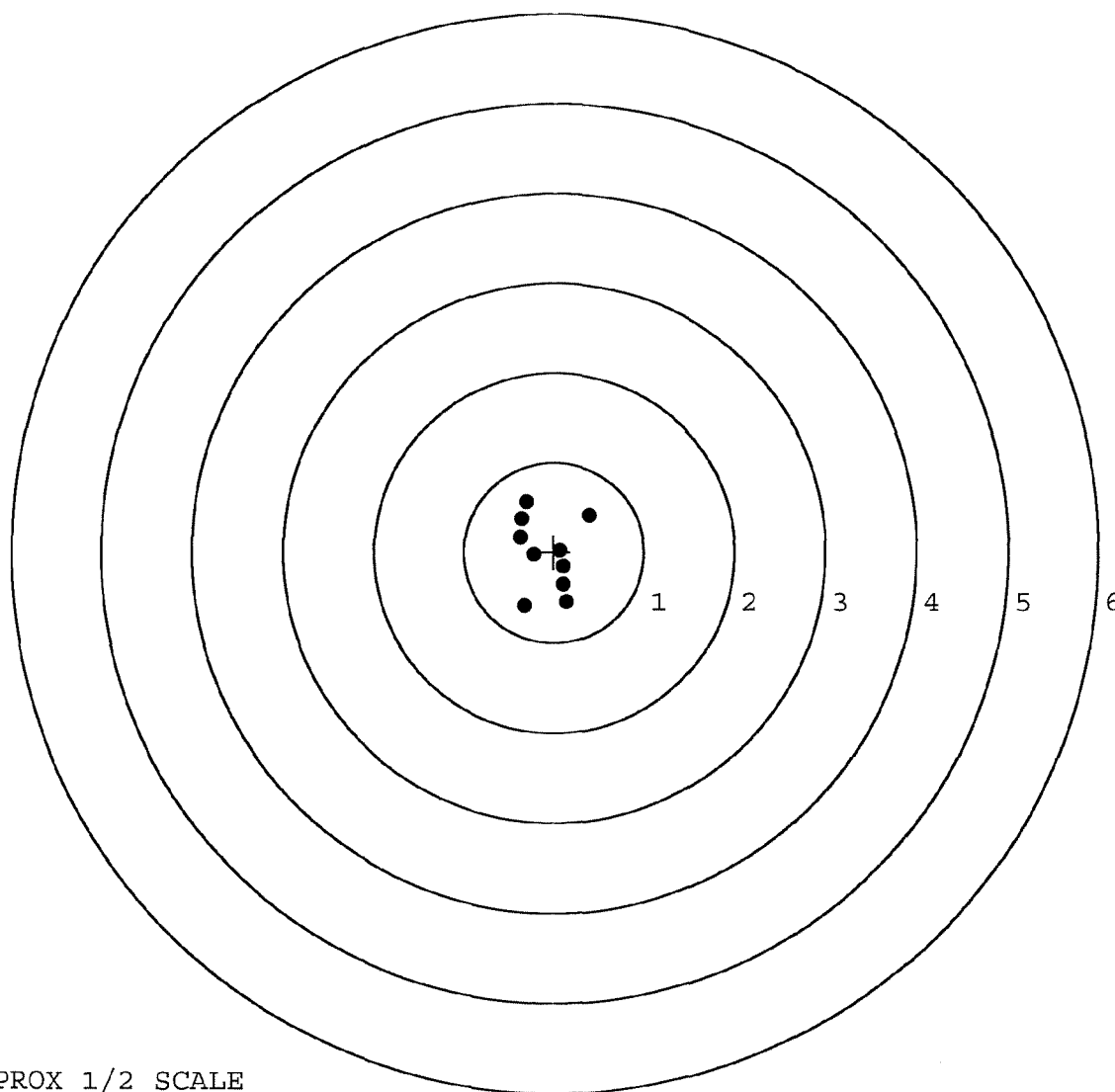
MEAN RADIUS: 0.423

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. #	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	928
	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	928
	B) Trigger Pull	210	266	253	260	262	12-1-90 928
	C) Function						12-1-90 928
660	Pack					12-18-90	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6587740

DATE 11/19/90

TESTER 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

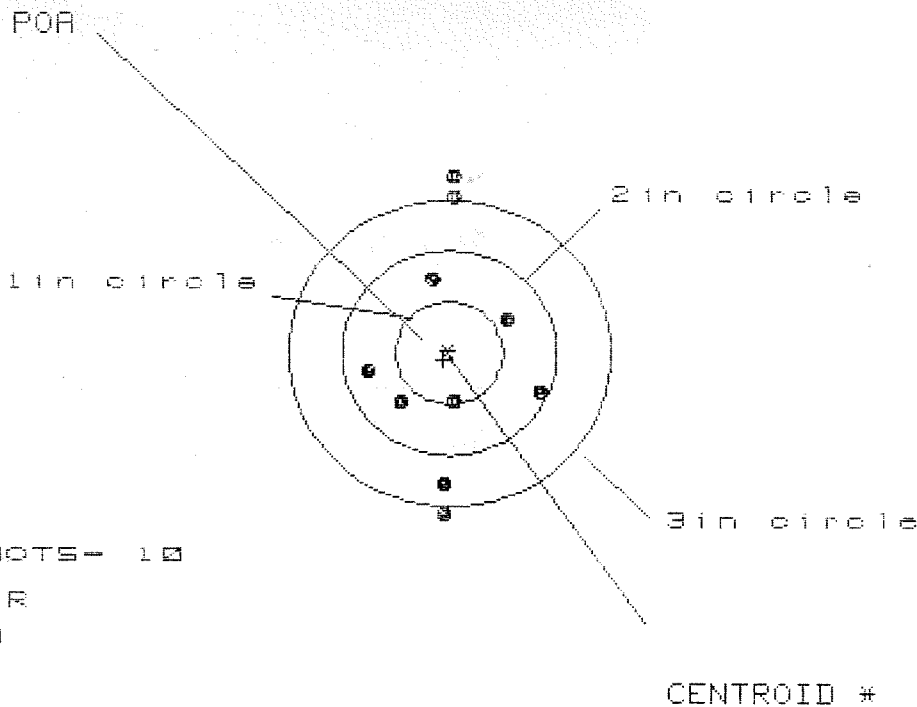
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0902
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0752
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .117435
THE AMR FOR THIS RIFLE IS: .9236

CID

30 May 1980

FILE:/PATTERNING/CENTERFIRE_PATT/C8587740

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 1.518

VS= 3.261

GS= 3.262

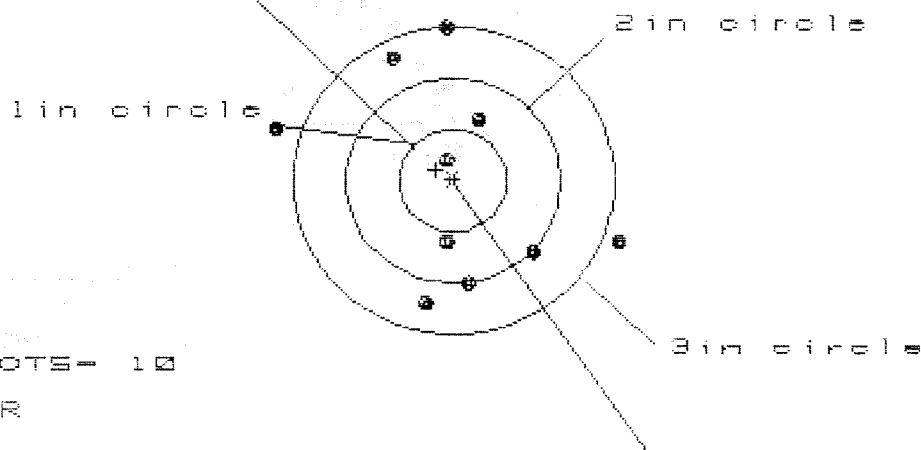
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.795	.801	.798
MINIMUM X	:	-.723	-.717	-.720
MAXIMUM Y	:	1.704	1.685	1.514
MINIMUM Y	:	-1.557	-1.368	-1.214
CENTROID X	:	.056	.050	.052
CENTROID Y	:	.071	-.118	.052
POA TO CENTROID in.	:	.090	.129	.074
MIN RADIUS	:	.504	.315	.486
MEAN RADIUS	:	1.019	.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



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 8

HS= 3.191

VS= 2.652

GS= 3.357

CENTROID *

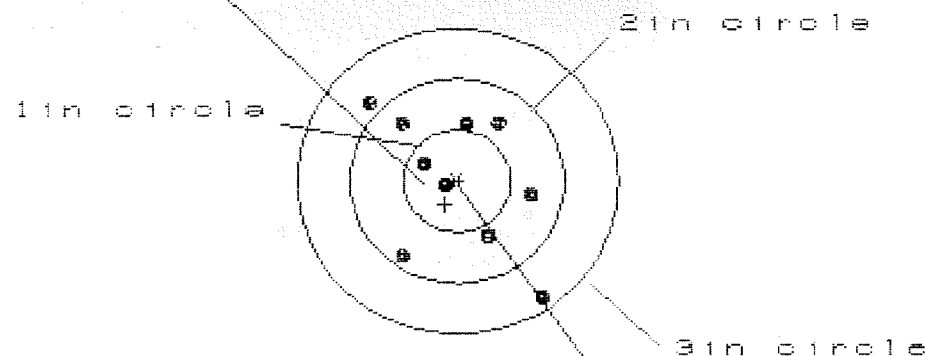
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.543	1.360	.706
MINIMUM X	:	-1.647	-.734	-.564
MAXIMUM Y	:	1.494	1.548	1.485
MINIMUM Y	:	-1.158	-1.104	-1.167
CENTROID X	:	.160	.344	.173
CENTROID Y	:	-.103	-.157	-.094
POA TO CENTROID in.	:	.191	.378	.197
MIN RADIUS	:	.256	.405	.253
MEAN RADIUS	:	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 *

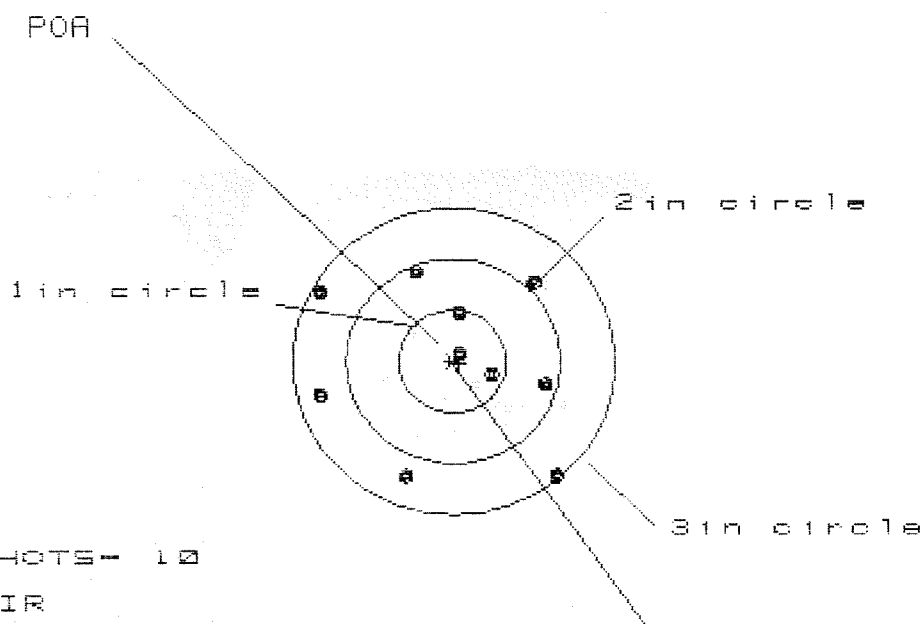
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.773	.806	.712
MINIMUM X	:	-.838	-.752	-.548
MAXIMUM Y	:	.725	.601	.520
MINIMUM Y	:	-1.122	-.860	-.785
CENTROID X	:	.115	.029	.123
CENTROID Y	:	.231	.355	.280
POR TO CENTROID in.	:	.258	.357	.306
MIN RADIUS	:	.099	.195	.143
MEAN RADIUS	:	.716	.630	.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



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 10

HS= 2.189

VS= 1.937

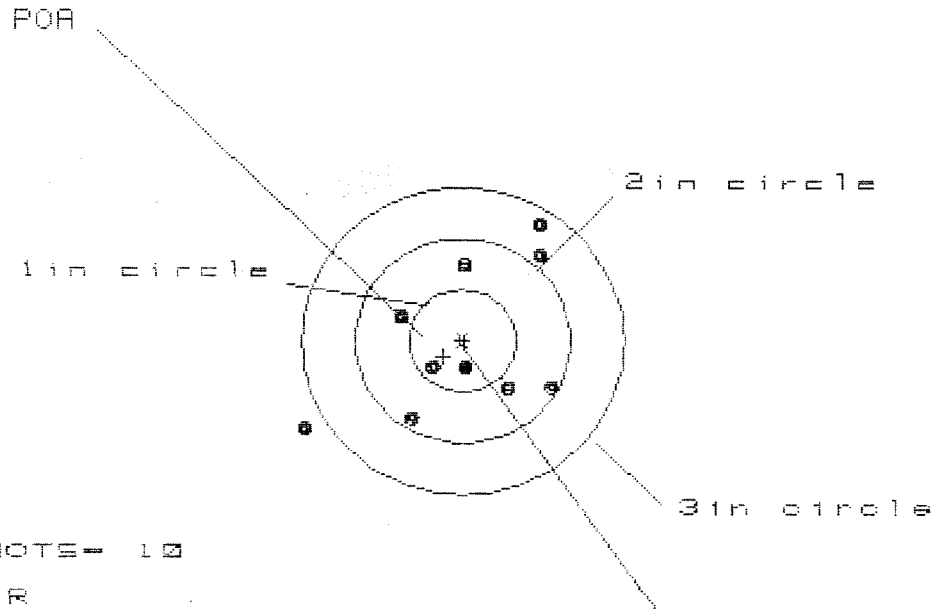
GS= 2.845

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.966	1.011	.871
MINIMUM X	-1.223	-1.116	-1.255
MAXIMUM Y	.834	.712	.787
MINIMUM Y	-1.103	-1.225	-1.150
CENTROID X	-.058	-.165	-.025
CENTROID Y	.020	.142	.067
POA TO CENTROID in.	.061	.218	.072
MIN RADIUS	.103	.186	.048
MEAN RADIUS	.927	.867	.784
MAX RADIUS	1.462	1.267	1.303
HORIZONTAL SPREAD	2.189	2.127	2.126
VERTICAL SPREAD	1.937	1.937	1.937
EXTREME SPREAD	2.845	2.333	2.274
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

30 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08587740

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1in = 2

2in = 7

3in = 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	