

C6225326

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

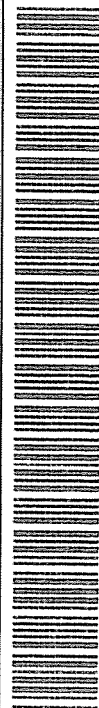
Capacity

Order No. **5716**

*Includes 1 in chamber.

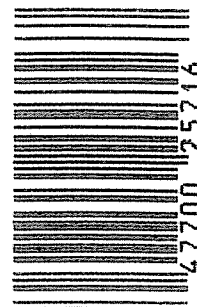
Remington

Remington [®]		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM H24		SERIAL NO. C6225326	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.		ORDER NO. 5716	20



5716 C6225326

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225326

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9 88		RW
600	Proof	12 9 88		RW
607	Check Headspace	12 9 88		RW
610	Dis-assemble Gun	12 9 88		RW
612	Magnaflux Barrel Action		12 22 88	RK.
	Magnaflux Bolt		1-3-89	RK.
615	Rollmark Caliber		12/22/88	M/DC.
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		WJT
620	Apply Coatings (Barrel Action)		1-6-89	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/24/89	RW
	C) Inspect Ejector Hole for Chamfer		1/24/89	RW
	D) Oil Firing Pin Ass'y		1/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		24 Jan 89	QJL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			24 Jan 89	JS
	G) Safety Off Force	3	3	3			24 Jan 89	JS
	H) Trigger Pull Test & Retainability						24 Jan 89	JS
	I) Firing Pin Indent	.0205	.0205	.021			24 Jan 89	JS
	J) Assemble Stock						1/27/89	RW
	K) Assemble Swivel Studs						30 Jan 89	JS
	L) Attach Front and Rear Sight Assemblies						1/27/89	RW
	M) Iron Sight Alignment						1/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container						1/27/89	RW
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times						27 Jan 89	JS
640	Gallery Target & Test	49 R	105 L				2/2/89	AE
	A) Time						11	AE
	B) Malfunctions			NONE			11	AE
	C) Pierced Primers			NONE			11	AE
	D) Optical Clarity of Scope			OK			2/2/89	AE
645	Inspect for Live Ammo			NONE			2/2/89	AE
655	Final Inspection							
	A) Headspace						30 Jan 89	JS
	B) Trigger Pull	250	241	242	238	236	30 Jan 89	JS
	C) Function						30 Jan 89	JS
660	Pack						23 Mar 89	JS

SWS TRIGGER PULL TEST

5326

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+ .50#
3.00#+ .75#
4.00#+1.00#

SERIAL NO. C6349158

DATE 10/10/89

TESTER JS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.26	2.22	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.38	2.20	2.22	2.30	
PULL #3	2.44	2.26	2.30	2.39	
PULL #4	2.51	2.20	2.28	2.38	
PULL #5	2.36	2.21	2.26	2.28	
TOTAL	11.95	11.13	11.28	11.59	
AVG.	2.39	2.226	2.256	2.318	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.92	3.03		
PULL #2	2.89	3.07		
PULL #3	3.05	3.09		
PULL #4	3.05	3.08		
PULL #5	3.03	3.16		
TOTAL	14.94	15.43		
AVG.	2.988	3.086		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	3.77		4.00
PULL #2	4.02	4.42		3.88
PULL #3	3.91	3.97		3.91
PULL #4	3.94	3.98		3.85
PULL #5	3.95	3.86		3.80
TOTAL	20.02	20.00		19.64
AVG.	4.004	4.00		3.928

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225326
3 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.349503
1 TO	2	.41727
1 TO	3	.332352
1 TO	4	.377604
1 TO	5	.28936

2.5 ←----POA

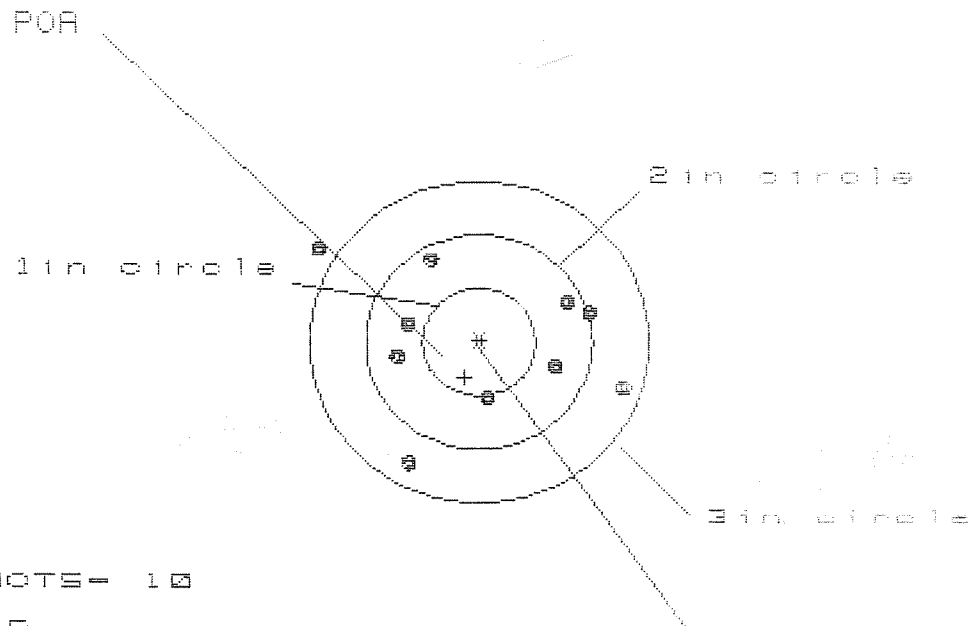
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1418
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0798
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .162712
THE AMR FOR THIS RIFLE IS: .9992

3 Feb 1985

FILE:/PATTERNING/CENTERFIRE_PATT/08225326

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1in = 0

2in = 6

3in = 9

HS = 2.783

VS = 1.980

GS = 3.067

CENTROID #

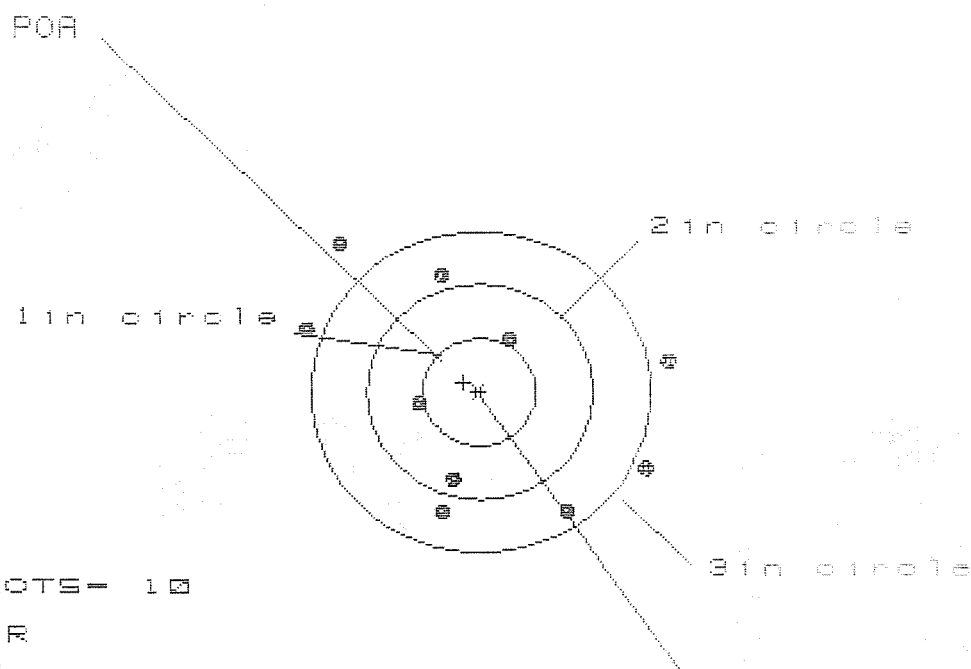
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.323	1.161	.983
MINIMUM X	-1.460	-.915	-.770
MAXIMUM Y	.837	.892	.847
MINIMUM Y	-1.143	-1.049	-1.094
CENTROID X	.126	.288	.143
CENTROID Y	.326	.232	.277
POA TO CENTROID in.	.349	.370	.312
MIN RADIUS	.529	.426	.478
MEAN RADIUS	.979	.882	.837
MAX RADIUS	1.583	1.284	1.245
HORIZONTAL SPREAD	2.783	2.076	1.753
VERTICAL SPREAD	1.980	1.941	1.941
EXTREME SPREAD	3.067	2.185	2.130
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

3 Feb 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06225326

CENTERFIRE PATTERNS

2



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 6

HS= 3.168

VS= 2.564

GS= 3.369

CENTROID *

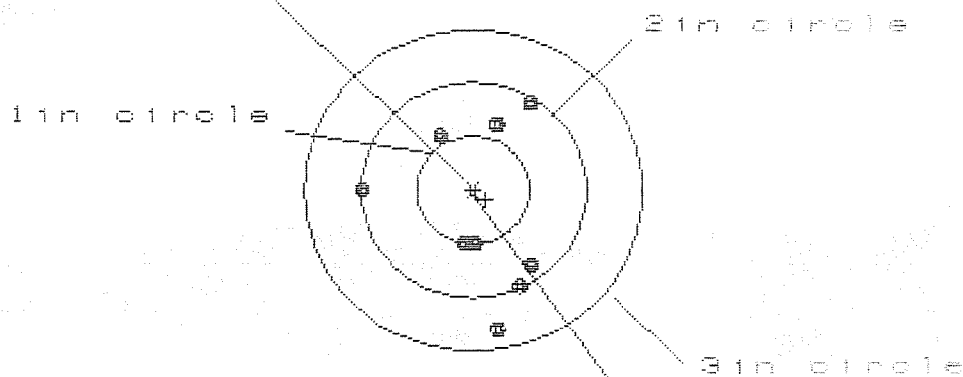
PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.660	1.528	1.510
MINIMUM X	:	-1.508	-1.640	-1.449
MAXIMUM Y	:	1.417	1.241	1.293
MINIMUM Y	:	-1.147	-0.990	-0.938
CENTROID X	:	.141	.273	.082
CENTROID Y	:	-.091	-.248	-.300
POA TO CENTROID in.	:	.167	.369	.311
MIN RADIUS	:	.573	.675	.524
MEAN RADIUS	:	1.249	1.172	1.095
MAX RADIUS	:	1.853	1.822	1.673
HORIZONTAL SPREAD	:	3.168	3.168	2.959
VERTICAL SPREAD	:	2.564	2.231	2.231
EXTREME SPREAD	:	3.369	3.234	3.234
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

3 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225326

CENTERFIRE PATTERNS # 3

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 1.540

VS = 3.303

GS = 3.337

CENTROID *

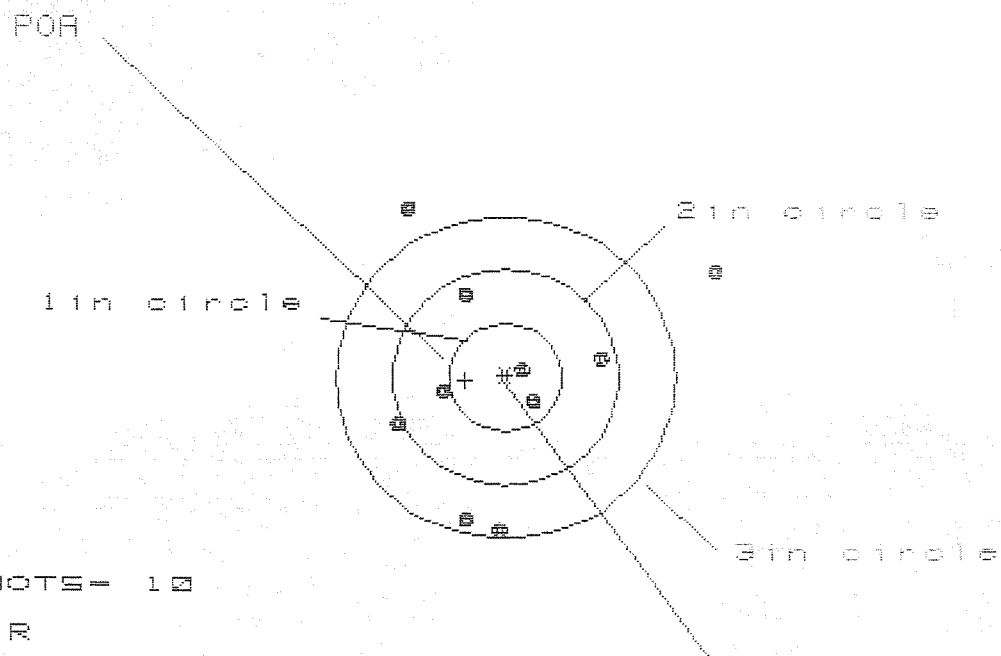
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.525	.492	.510
MINIMUM X	:	-1.015	-1.048	-1.029
MAXIMUM Y	:	1.988	1.061	.924
MINIMUM Y	:	-1.315	-1.094	-.793
CENTROID X	:	-.111	-.078	-.097
CENTROID Y	:	.093	-.128	.009
POA TO CENTROID in.	:	.145	.150	.097
MIN RADIUS	:	.492	.279	.410
MEAN RADIUS	:	.936	.772	.742
MAX RADIUS	:	2.010	1.168	1.054
HORIZONTAL SPREAD	:	1.540	1.540	1.540
VERTICAL SPREAD	:	3.303	2.155	1.717
EXTREME SPREAD	:	3.337	2.182	1.738
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

3 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225326

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 2.787

VS= 3.059

GS= 3.181

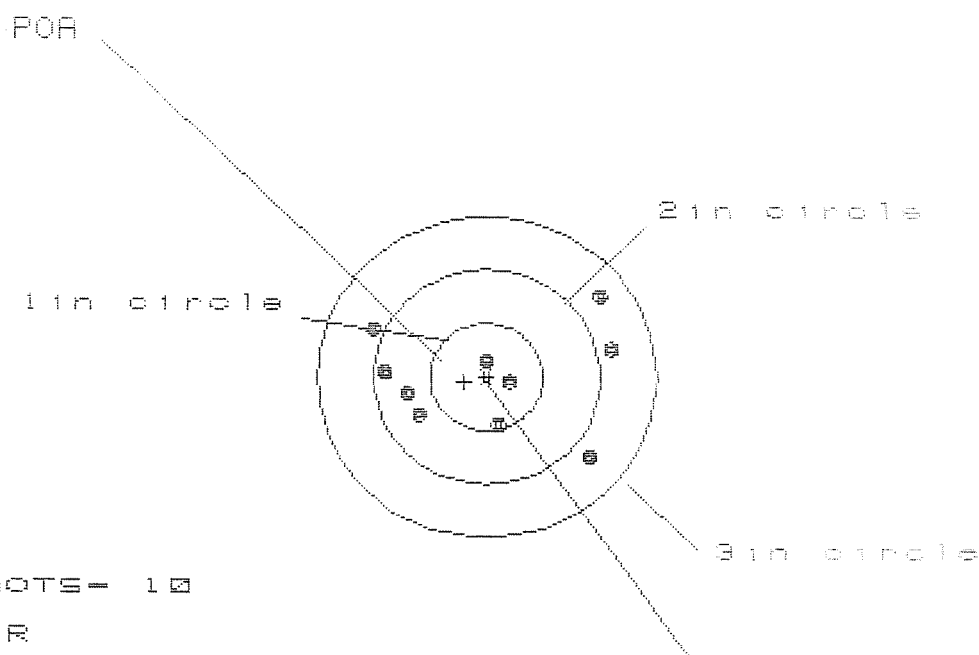
CENTROID #

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.872	1.052	.968
MINIMUM X	-.915	-.787	-.791
MAXIMUM Y	1.619	1.723	1.093
MINIMUM Y	-1.440	-1.336	-1.120
CENTROID X	.354	.146	.230
CENTROID Y	.025	-.079	-.295
POA TO CENTROID in.	.355	.167	.374
MIN RADIUS	.160	.330	.369
MEAN RADIUS	1.056	.934	.811
MAX RADIUS	2.094	1.850	1.126
HORIZONTAL SPREAD	2.787	1.759	1.759
VERTICAL SPREAD	3.059	3.059	2.213
EXTREME SPREAD	3.181	3.172	2.242
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

3 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225326

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.039

VS= 1.469

GS= 2.221

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.061	1.178	1.306
MINIMUM X	-.978	-.861	-.733
MAXIMUM Y	.762	.551	.473
MINIMUM Y	-.707	-.622	-.397
CENTROID X	.199	.082	-.046
CENTROID Y	.046	-.039	.039
POA TO CENTROID in.	.204	.091	.060
MIN RADIUS	.162	.272	.304
MEAN RADIUS	.776	.710	.640
MAX RADIUS	1.294	1.214	1.323
HORIZONTAL SPREAD	2.039	2.039	2.039
VERTICAL SPREAD	1.469	1.173	.870
EXTREME SPREAD	2.221	2.221	2.055
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

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: **RE00032503** Serial: C6225326 Model 700 Center Fire Caliber: 7 62 NATO M24 SWS WOG 21 of 25 Repairman: Status: New 9/14/01 2:38:41 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEFENCE DIST DEPOT ANNISTON DEFENCE DIST DEPOT ANNISTON

Address 1: 7 FRANKFORD AVE 7 FRANKFORD AVE

Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 36201 Country: US State: AL Zip Code: 36201 Country: US

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Fair

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
X001	Scope Case	1
X002	Deployment Kit	1

Repair Search Refresh Close

naglej 9/17/01 7:51 AM C&PS NUM INS SCBL

Start Arms Services Repair & Es... 7:51 AM

Serial Number: **C6225326**

Model: **700**



RE00032503

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6225326
8 Oct 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0052$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.0044$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.00681175$

THE AMR FOR THIS RIFLE IS: 1.124

CENTROIDAL DISTANCES

0 TO 1	.933744
1 TO 2	1.46729
1 TO 3	.566083
1 TO 4	1.14599
1 TO 5	1.5966

2
4
+
5 3 <--1--POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .934

MIN RADIUS : .387

MEAN RADIUS : .925

MAX RADIUS : 1.685

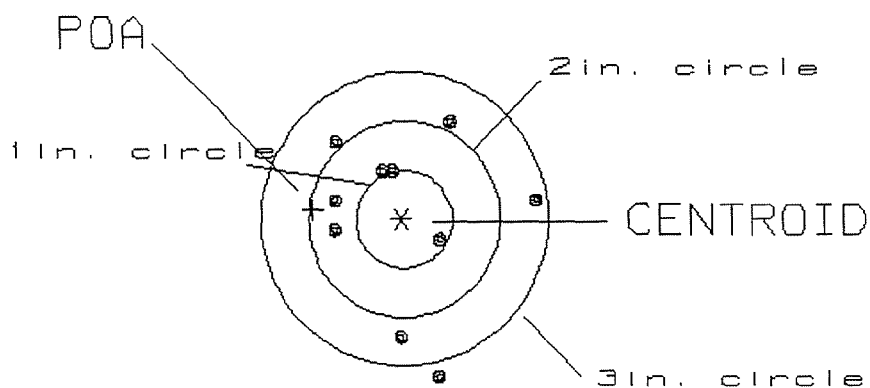
CENTROID X : .929

CENTROID Y : -.094

8 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225326

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.07

2

VS= 2.68

5

GS= 2.68

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

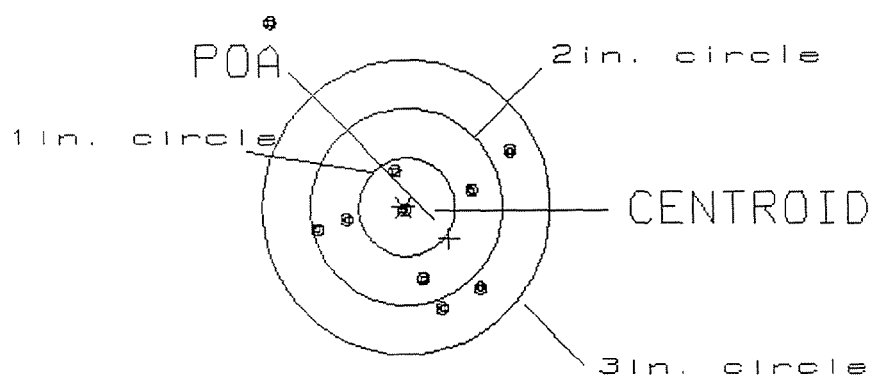
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .579
 MIN RADIUS : .022
 MEAN RADIUS : .923
 MAX RADIUS : 2.360
 CENTROID X : -.476
 CENTROID Y : .329

8 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225326

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.46

2

VS= 2.91

6

GS= 3.46

9

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .397

MIN RADIUS : .296

MEAN RADIUS : 1.357

MAX RADIUS : 2.310

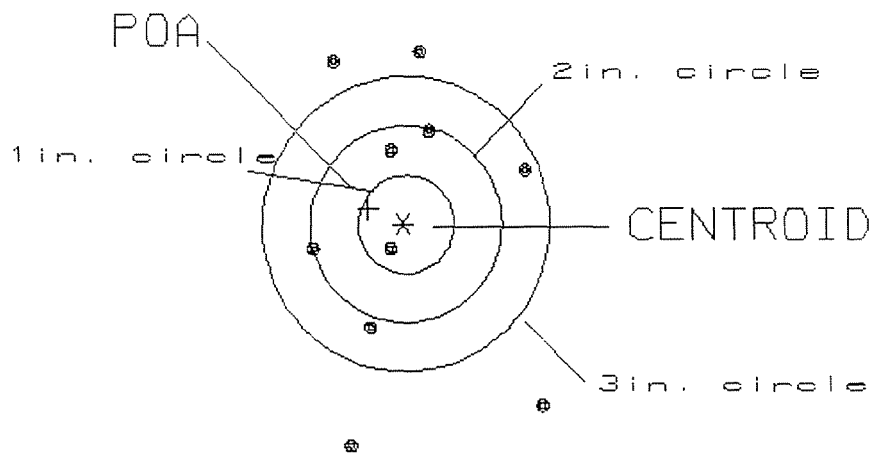
CENTROID X : .366

CENTROID Y : -.153

8 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225326

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.39

1

VS= 3.96

3

GS= 4.06

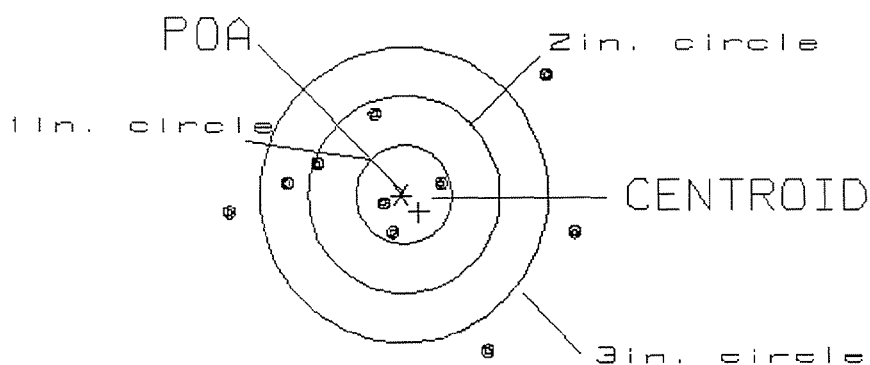
6

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .257
 MIN RADIUS : .243
 MEAN RADIUS : 1.132
 MAX RADIUS : 1.904
 CENTROID X : -.184
 CENTROID Y : .179

8 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225326

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.56

3

VS= 2.79

5

GS= 3.57

6

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .703

MIN RADIUS : .849

MEAN RADIUS : 1.282

MAX RADIUS : 2.380

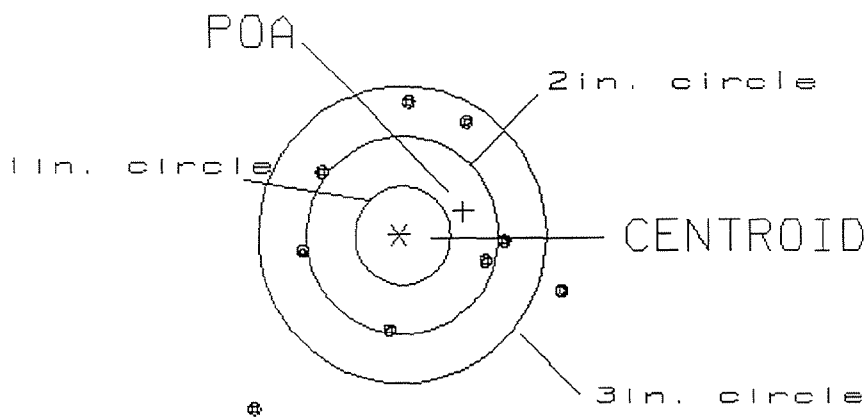
CENTROID X : -.661

CENTROID Y : -.239

8 Oct 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/C6225326

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.25

0

VS= 3.11

3

GS= 3.72

0

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

R & E NUMBER 32603			
SERIAL NUMBER C622 5326			
LOG-IN DATE 9-13-01			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-18-01	RH
560 A	RE-BARREL AT CUSTOM SHOP	9/20/01	BWT
B	DRILL AND TAP	9/20/01	BWT
C	POLISH	9-20-01 9-20-01	CP
575	ASSEMBLE	9-20-01	RH
600	PROOF	9-21-01	RW
605	CHECK HEADSPACE	9-24-01	RH
610	DIS-ASSEMBLE GUN	9-24-01	RH
612	MAGNAFLUX		
615	ROLLMARK CALIBER	9-24-01	RH
618	ROTO-BLAST	9/25	R
620	APPLY COATINGS	9/28	HP
625 A	FINAL ASSEMBLY	10-2-01	RH
B	TRIGGER PULL TEST	N/A	
C	SAFETY "ON" FORCE	N/A	
D	SAFETY "OFF" FORCE	N/A	
E	FIRING PIN INDENT	N/A	
640	TARGET	10-8-01	AC
655	FINAL INSPECT	10-8-01	RW
660	PACK	10-9-01	DR
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

In: C6225326

DATE REC'D: 9-13-01

DATE RET'D: 10-9-01

EDITOR: RJJ

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☐ FINISH

Scope Assy.

☒ Scope☒ Scope Rings☒ MOUNTING SCREWS☒ MOUNTING BASE☒ SCREWS☒ FINISH☒ LOOSENESS☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☒ Scope Case☒ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☐ SET

Comments: _____