

C6225568

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™ H24

SERIAL NO. C6225568

ORDER NO. 5716

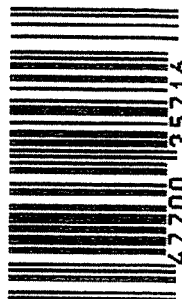
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off.; Marca Registrada Marque Deposee.

Ø1



5716 C6225568

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225568

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 17	89	RW
600	Proof	3 17	89	RW
607	Check Headspace	3 17	89	RW
610	Dis-assemble Gun	3 17	89	RW
612	Magnaflux Barrel Action		3/21	KCR
	Magnaflux Bolt		3/21	KCR
615	Rollmark Caliber		3/21	h.s.
617	Drill and Tap Sight Holes	3 22	89	FB
618	Polish Barrel	3 22	89	BT.
620	Apply Coatings (Barrel Action)		3-31-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/4/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/4/89	RW
	C) Inspect Ejector Hole for Chamfer		4/4/89	RW
	D) Oil Firing Pin Ass'y		4/4/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4-6-89	RL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			4-6-89	J.C.
	G) Safety Off Force	2	2	2			4-6-89	J.C.
	H) Trigger Pull Test & Retainability						4-4-89	S.S.
	I) Firing Pin Indent	.021	.020	.020			4-6-89	J.C.
	J) Assemble Stock						4/14/89	RW
	K) Assemble Swivel Studs						19 April 89	JS
	L) Attach Front and Rear Sight Assemblies						4/14/89	RW
	M) Iron Sight Alignment						4/14/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/14/89	RW
	O) Attach Scope to Rifle						4/17/89	J.C.
	P) Detach & Attach Scope 20 Times						4/18/89	J.C.
640	Gallery Target & Test	63	R	89L			4/18/89	DA
	A) Time						4/18/89	DA
	B) Malfunctions						4/18/89	DA
	C) Pierced Primers						4/18/89	DA
	D) Optical Clarity of Scope						4/18/89	DA
645	Inspect for Live Ammo						4/18/89	DA
655	Final Inspection							
	A) Headspace						19 April 89	JS
	B) Trigger Pull	2.07	2.13	2.12	2.06	2.17	19 April 89	JS
	C) Function						19 April 89	JS
660	Pack						27 June 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5568

DATE 3-22-90

TESTER JEP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.30		2.45	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.39		2.39	
PULL #3	2.51	2.30		2.46	
PULL #4	2.48	2.47		2.43	
PULL #5	2.45	2.47		2.42	
TOTAL	11.93	11.93		12.15	
AVG.	2.386	2.386		2.43	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.36	3.36		
PULL #2	3.45	3.33		
PULL #3	3.39	3.35		
PULL #4	3.39	3.35		
PULL #5	3.39	3.37		
TOTAL	16.98	16.76		
AVG.	3.396	3.352		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.33		
PULL #2	4.17	4.21		
PULL #3	4.31	4.25		
PULL #4	4.29	3.95		
PULL #5	4.26	4.13		
TOTAL	21.29	20.87		
AVG.	4.258	4.174		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225568
19 Apr 1989

CENTROIDAL DISTANCES

0 TO	1	.180422
1 TO	2	.246856
1 TO	3	.104235
1 TO	4	.355411
1 TO	5	.361

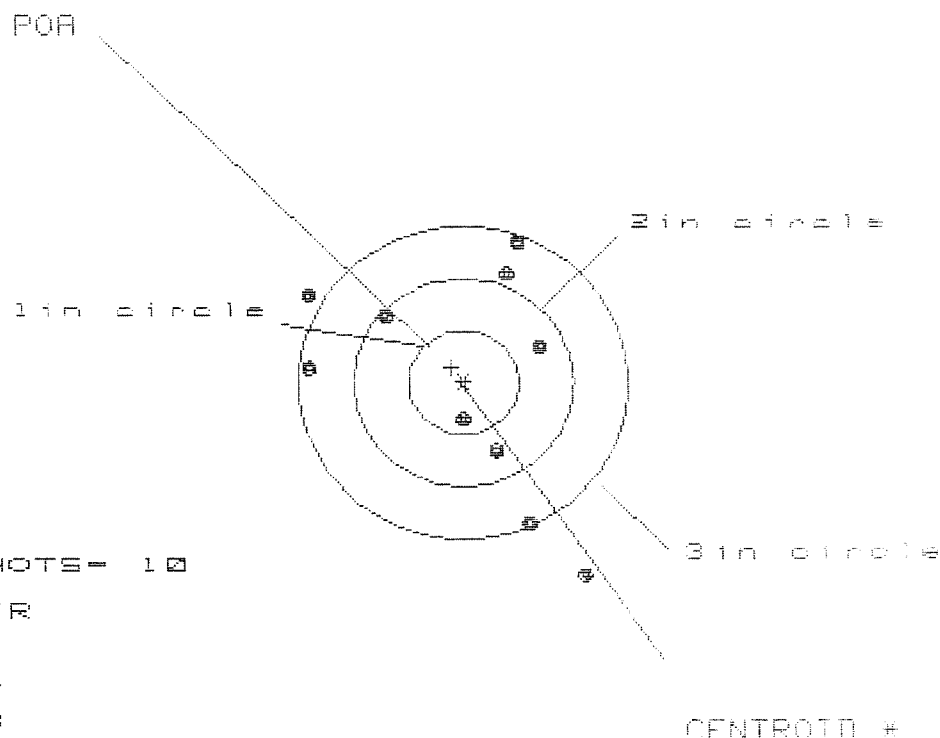
$\frac{4.5}{0.04}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0242
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0496
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .055188
THE AMR FOR THIS RIFLE IS: 1.055

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225560

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 2.499

VS= 3.180

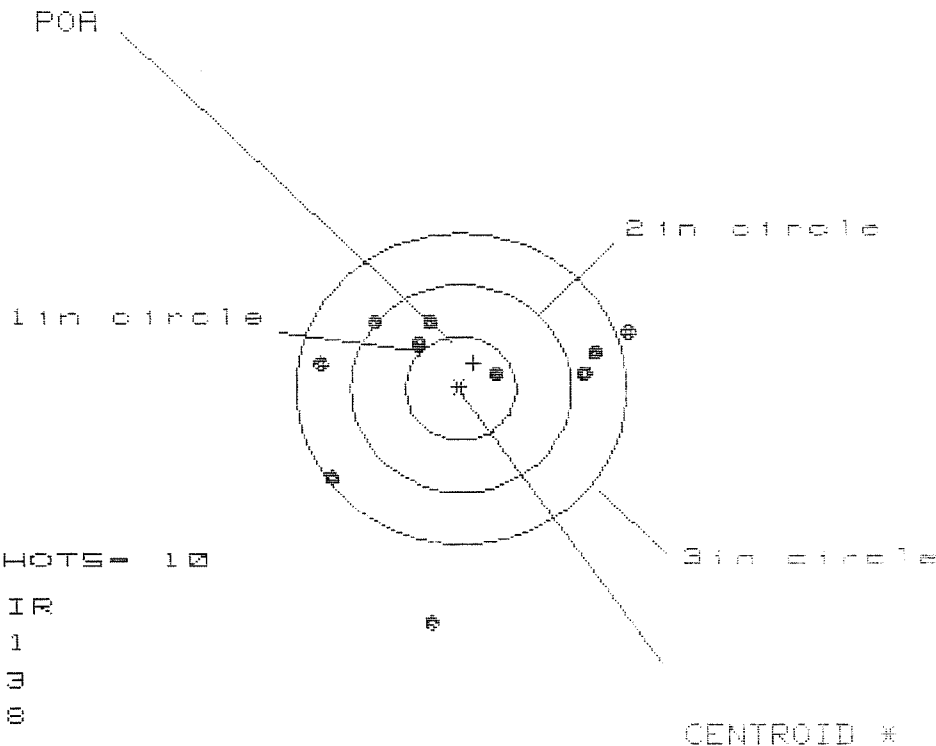
GS= 3.650

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.103	.786	.632
MINIMUM X	-1.396	-1.274	-1.428
MAXIMUM Y	1.305	1.097	1.175
MINIMUM Y	-1.875	-1.551	-1.473
CENTROID X	.106	-.016	.138
CENTROID Y	-.146	.062	-.016
POA TO CENTROID in.	.181	.064	.139
MIN RADIUS	.351	.566	.484
MEAN RADIUS	1.189	1.071	1.013
MAX RADIUS	2.175	1.692	1.562
HORIZONTAL SPREAD	2.499	2.060	2.060
VERTICAL SPREAD	3.180	2.648	2.648
EXTREME SPREAD	3.650	2.895	2.648
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225568

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.853

VS= 2.842

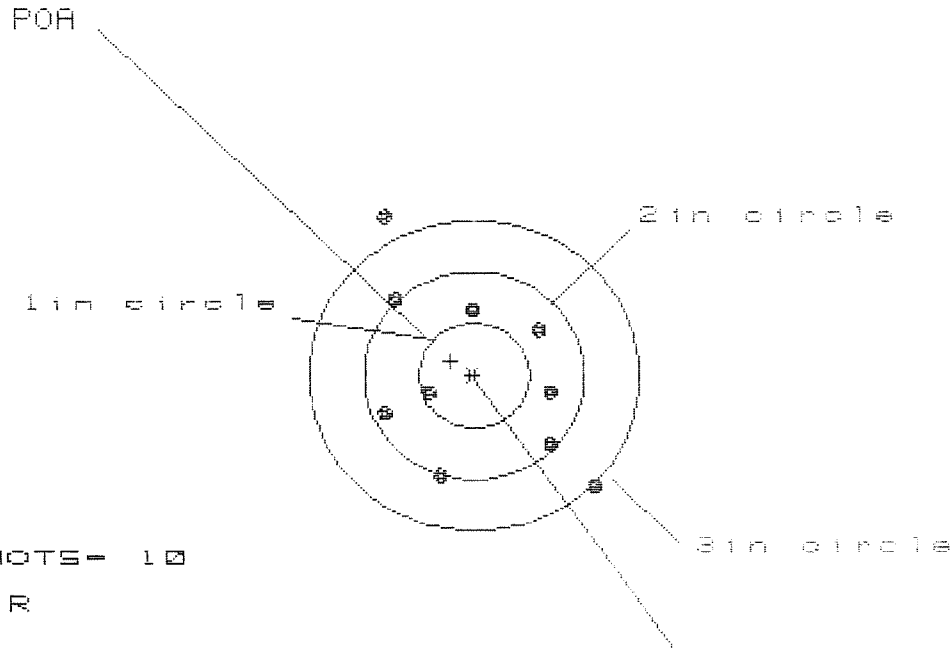
GS= 3.284

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.559	1.534	1.342
MINIMUM X	:	-1.294	-1.319	-1.127
MAXIMUM Y	:	.633	.388	.426
MINIMUM Y	:	-2.208	-1.086	-1.048
CENTROID X	:	-.121	-.096	-.287
CENTROID Y	:	-.243	.002	-.036
POA TO CENTROID in.	:	.272	.096	.290
MIN RADIUS	:	.386	.368	.328
MEAN RADIUS	:	1.174	1.007	.919
MAX RADIUS	:	2.220	1.655	1.489
HORIZONTAL SPREAD	:	2.853	2.853	2.470
VERTICAL SPREAD	:	2.842	1.474	1.474
EXTREME SPREAD	:	3.284	3.109	2.662
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	8		

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225560

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 8

HS= 1.883

VS= 2.660

GS= 3.257

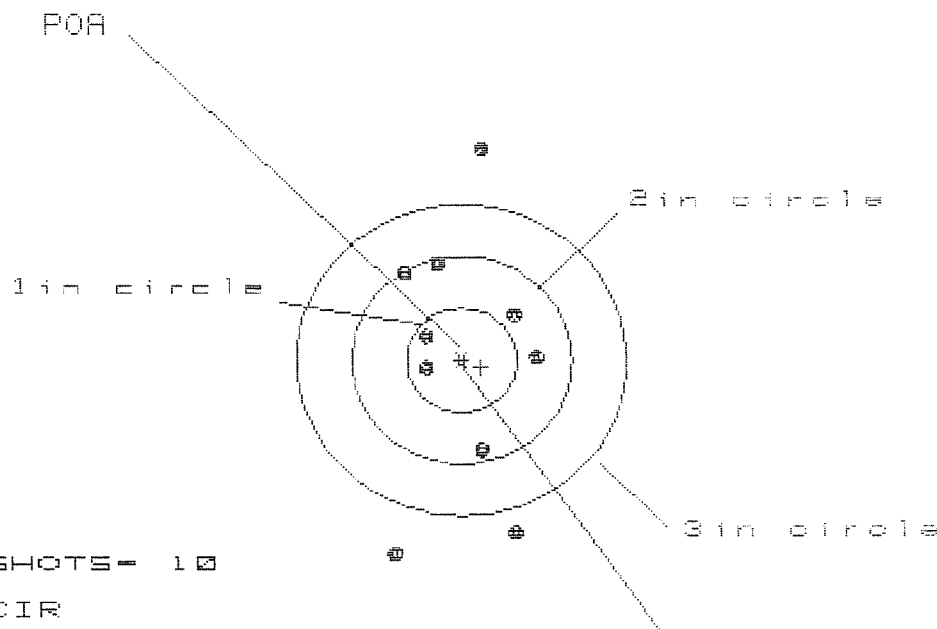
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.058	.966	.752
MINIMUM X	:	-.825	-.917	-.796
MAXIMUM Y	:	1.574	.946	.832
MINIMUM Y	:	-1.087	-.912	-.980
CENTROID X	:	.210	.302	.181
CENTROID Y	:	-.139	-.313	-.199
POA TO CENTROID in.	:	.252	.435	.269
MIN RADIUS	:	.429	.473	.377
MEAN RADIUS	:	.966	.865	.793
MAX RADIUS	:	1.775	1.328	1.052
HORIZONTAL SPREAD	:	1.883	1.883	1.548
VERTICAL SPREAD	:	2.660	1.858	1.712
EXTREME SPREAD	:	3.257	2.539	1.999
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225368

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 7

3 in = 7

HS = 1.320

VS = 3.844

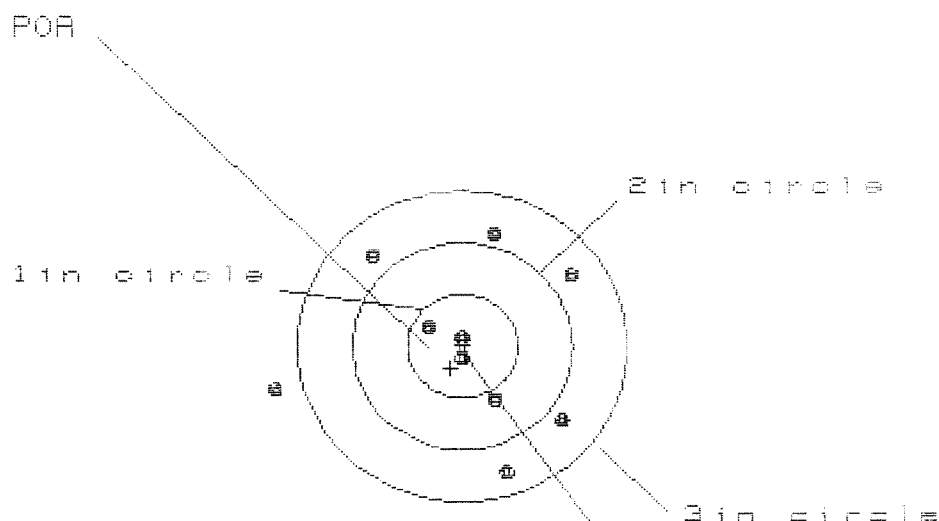
GS = 3.922

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.698	.715	.639
MINIMUM X	:	-.622	-.605	-.593
MAXIMUM Y	:	2.016	1.165	.964
MINIMUM Y	:	-1.828	-1.604	-1.648
CENTROID X	:	-.180	-.197	-.121
CENTROID Y	:	.065	-.159	.042
POA TO CENTROID in.	:	.191	.253	.128
MIN RADIUS	:	.287	.285	.337
MEAN RADIUS	:	1.050	.959	.825
MAX RADIUS	:	2.022	1.714	1.711
HORIZONTAL SPREAD	:	1.320	1.320	1.232
VERTICAL SPREAD	:	3.844	2.769	2.612
EXTREME SPREAD	:	3.922	2.792	2.727
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		7	

19 Apr 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225588

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 3

2in = 4

3in = 9

HS = 2.778

VS = 2.294

GS = 2.990

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.029	.835	.861
MINIMUM X	:	-1.749	-1.037	-1.011
MAXIMUM Y	:	1.091	1.043	.887
MINIMUM Y	:	-1.203	-1.251	-.897
CENTROID X	:	.106	.300	.274
CENTROID Y	:	.215	.263	.419
POA TO CENTROID in.	:	.240	.399	.501
MIN RADIUS	:	.092	.190	.194
MEAN RADIUS	:	.898	.809	.755
MAX RADIUS	:	1.901	1.346	1.230
HORIZONTAL SPREAD	:	2.778	1.872	1.872
VERTICAL SPREAD	:	2.294	2.294	1.794
EXTREME SPREAD	:	2.990	2.449	2.355
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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: **RE00014585** Serial: **C6225568** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SW/S)** Repairman: Status: **Closed 9/28/00 8:49:08 AM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION OFFICE** **TRANSPORTATION OFFICE**

Address 1: **BLDG 330** **BLDG 330**

Address 2: **4851 CHILES AVE** **4851 CHILES AVE** PO Box: **PO Box**

City: **FORT CARSON** **FORT CARSON**

State: **CO** Zip Code: **80913** Country: **US** State: **CO** Zip Code: **80913** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition **Problems** **Estimate** **History / Status** **Shipping / Billing**

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition:

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A015	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search **Refresh** **Close**

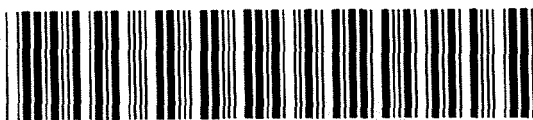
naglet 9/28/00 9:27 AM LAPS NUM HUS SCPL

Start Inbo Nagl Expl Micr Part Ar Brea Print 9:27 AM

Serial Number:

C6225568

Model: **700**



RE00014585

BBL - 96003

Final Inspection

SN: C6225568

DATE REC'D: 9-27-00

DATE RET'D:

AUDITOR: RW

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:

M-24 INSPECTION CHECKLIST

CONTRACT #: DAAE-20-97-C-242

R & E NUMBER		14585	
SERIAL NUMBER		C6225568	
LOG-IN DATE		9-27-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9-29-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	10-11-00	RW
605	CHECK HEADSPACE	10-11-00	CK
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-1-00	RW
655	FINAL INSPECT	11-3-00	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225568
7 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0286$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.0926$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.096916$

THE AMR FOR THIS RIFLE IS: 1.048

CENTROIDAL DISTANCES

0	TO	1	.226771
1	TO	2	.590306
1	TO	3	.272244
1	TO	4	.0716938
1	TO	5	.179179

2 4
3 5 <----POA

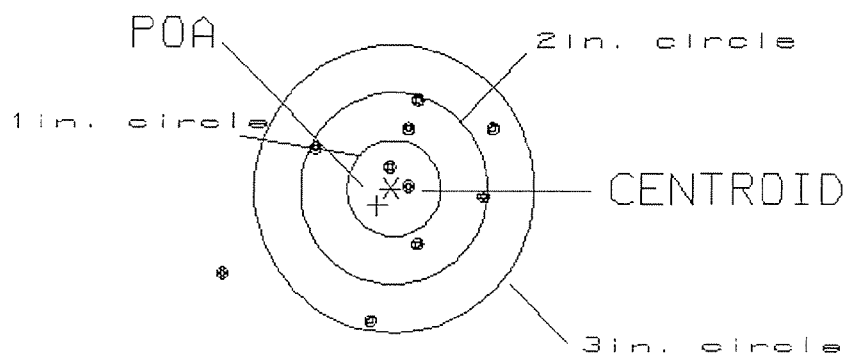
PATTERN #: 1

POA TO CENTROID: .227
MIN RADIUS : .161
MEAN RADIUS : .912
MAX RADIUS : 2.018
CENTROID X : .143
CENTROID Y : .176

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c5225568

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.88

2

VS= 2.32

7

GS= 3.24

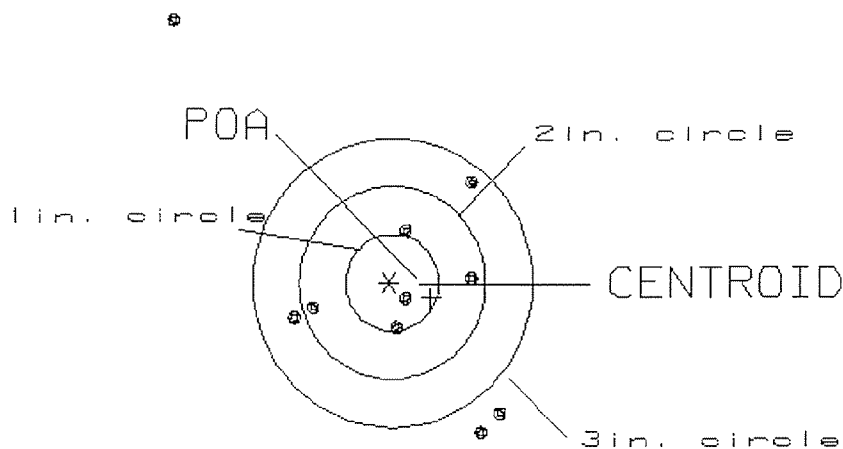
9

PATTERN #: 2
 POA TO CENTROID: .473
 MIN RADIUS : .233
 MEAN RADIUS : 1.255
 MAX RADIUS : 3.559
 CENTROID X : -.447
 CENTROID Y : .157

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225568

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.48
 VS= 4.31
 GS= 5.41

2
 5
 7

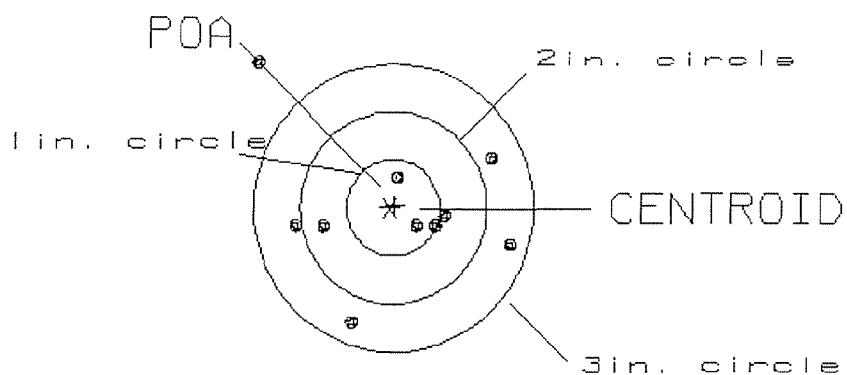
PATTERN #: 3

POA TO CENTROID: .053
 MIN RADIUS : .322
 MEAN RADIUS : .926
 MAX RADIUS : 2.065
 CENTROID X : -.051
 CENTROID Y : -.015

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225568

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.66
 VS= 2.64
 GS= 3.25

3
 5
 9

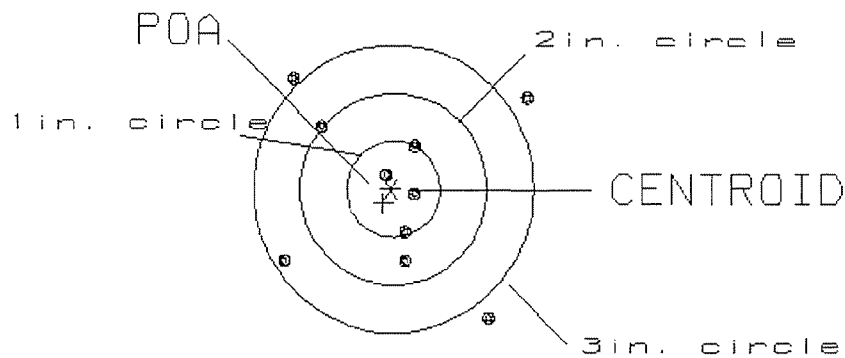
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .167
 MIN RADIUS : .181
 MEAN RADIUS : .944
 MAX RADIUS : 1.697
 CENTROID X : .077
 CENTROID Y : .148

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225568

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.53

4

VS= 2.47

5

GS= 3.24

7

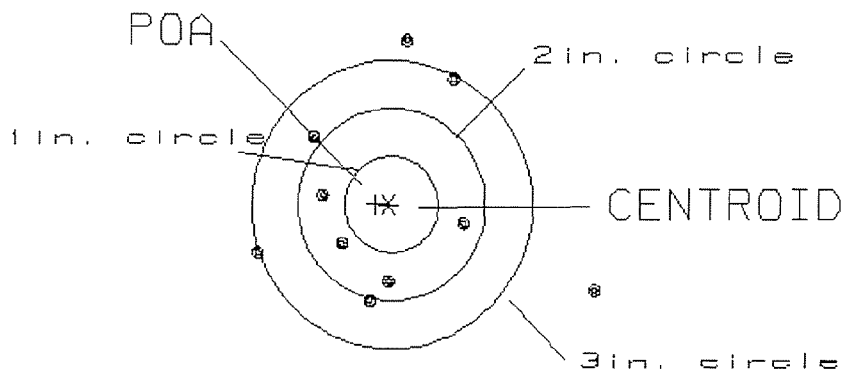
PATTERN #: 5

POA TO CENTROID: .135
 MIN RADIUS : .631
 MEAN RADIUS : 1.204
 MAX RADIUS : 2.368
 CENTROID X : .135
 CENTROID Y : -.003

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225560

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.66
 VS= 2.64
 GS= 3.68

0
 4
 7

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225568
3 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.3218$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.187$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.372188$

THE AMR FOR THIS RIFLE IS: 1.342

CENTROIDAL DISTANCES

0 TO 1	.706612
1 TO 2	.281966
1 TO 3	.684697
1 TO 4	.666292
1 TO 5	.959771

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

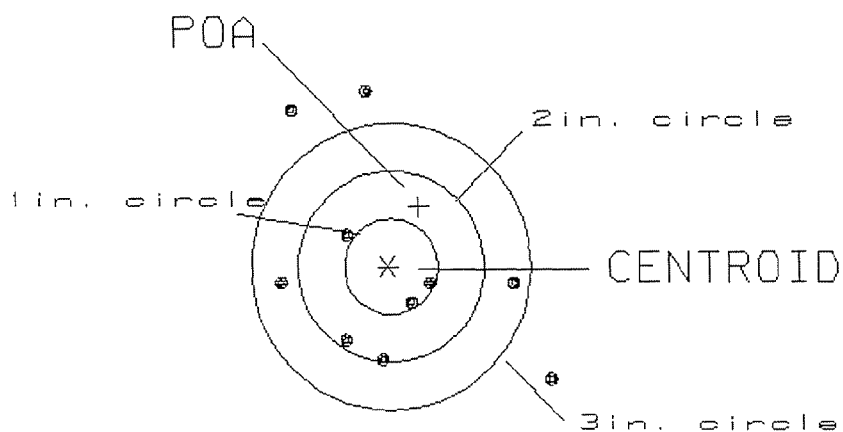
PATTERN #: 1

POA TO CENTROID: .707
 MIN RADIUS : .391
 MEAN RADIUS : 1.165
 MAX RADIUS : 2.104
 CENTROID X : -.320
 CENTROID Y : -.630

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225568

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.91
 VS= 2.98
 GS= 4.00

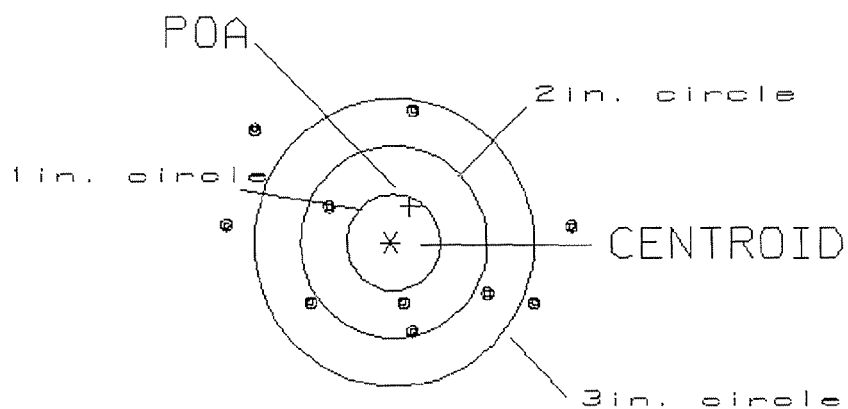
2
 5
 7

PATTERN #: 2
 POA TO CENTROID: .425
 MIN RADIUS : .624
 MEAN RADIUS : 1.317
 MAX RADIUS : 1.947
 CENTROID X : -.204
 CENTROID Y : -.373

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225568

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.67

0

US= 2.32

3

GS= 3.67

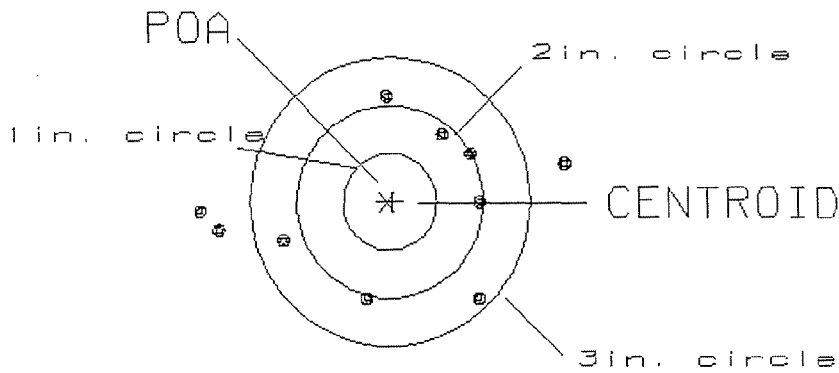
6

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .059
 MIN RADIUS : .939
 MEAN RADIUS : 1.333
 MAX RADIUS : 2.047
 CENTROID X : -.059
 CENTROID Y : .003

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225568

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.92

0

VS= 2.05

3

GS= 3.96

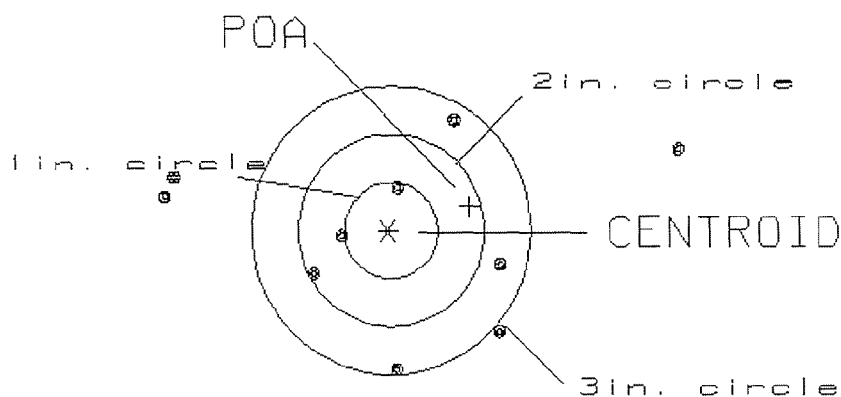
7

PATTERN #: 4
 POA TO CENTROID: .904
 MIN RADIUS : .440
 MEAN RADIUS : 1.557
 MAX RADIUS : 3.201
 CENTROID X : -.868
 CENTROID Y : -.251

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225568

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 5.51

1

VS= 2.57

3

GS= 5.54

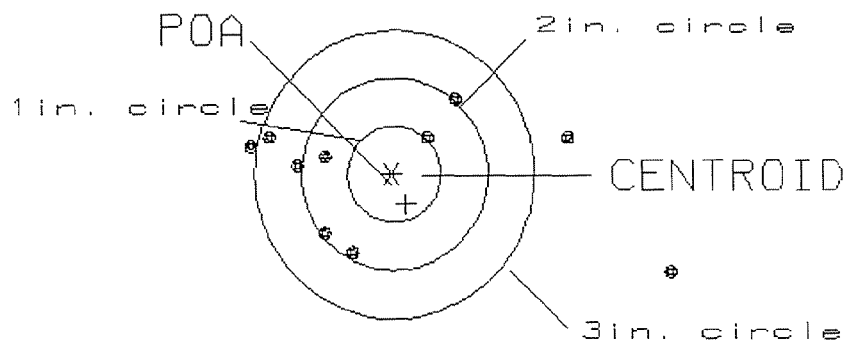
6

PATTERN #: 5
 POA TO CENTROID: .354
 MIN RADIUS : .558
 MEAN RADIUS : 1.336
 MAX RADIUS : 3.172
 CENTROID X : -.158
 CENTROID Y : .316

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225568

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.56

0

VS= 1.78

4

GS= 4.76

7