

C6225349

MODEL 700™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington.



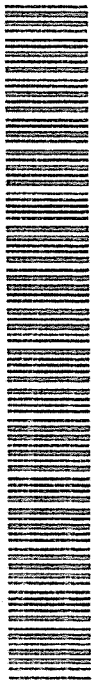

VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM H24

SERIAL NO.
06225049

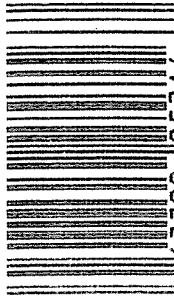
ORDER NO.
5716

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



5716 06225049

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225349

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	PK.
	Magnaflux Bolt		1-3-89	PK.
615	Rollmark Caliber		12/22/88	WDC
617	Drill and Tap Sight Holes	12 9 80		FB
618	Polish Barrel	12 2 88		WJT
620	Apply Coatings (Barrel Action)		1-16-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/9/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/89	RW
	C) Inspect Ejector Hole for Chamfer		2/9/89	RW
	D) Oil Firing Pin Ass'y		2/9/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/26/89	QD

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			172689	JS
	G) Safety Off Force	3	3	3			172689	JS
	H) Trigger Pull Test & Retainability						102689	JS
	I) Firing Pin Indent	.020	.020	.021			172689	JS
	J) Assemble Stock						2/23/89	RW
	K) Assemble Swivel Studs						242689	JS
	L) Attach Front and Rear Sight Assemblies						2/23/89	RW
	M) Iron Sight Alignment						2/23/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/23/89	RW
	O) Attach Scope to Rifle						232689	JS
	P) Detach & Attach Scope 20 Times						232689	JS
640	Gallery Target & Test	62R	91L				2-24-89	AC
	A) Time						"	K
	B) Malfunctions			NONE			"	K
	C) Pierced Primers			NONE			"	K
	D) Optical Clarity of Scope			OK			"	K
645	Inspect for Live Ammo			NONE			2-24-89	AC
655	Final Inspection							
	A) Headspace						242689	JS
	B) Trigger Pull	266	2.75	238	2.64	2.56	242689	JS
	C) Function						242689	JS
660	Pack						3/27	W.B.

SWS TRIGGER PULL TEST

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

SERIAL NO. 6225349

DATE 3/27/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.25	2.32	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.26	2.35	
PULL #3	2.18	2.27	2.34	
PULL #4	2.21	2.24	2.30	
PULL #5	2.17	2.24	2.36	
TOTAL	11.03	11.33	11.71	
AVG.	2.21	2.26	2.34	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.18	3.35	
PULL #2	3.18	3.34	
PULL #3	3.23	3.35	
PULL #4	3.20	3.31	
PULL #5	3.22	3.39	
TOTAL	16.01	16.74	
AVG.	3.21	3.34	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.30		
PULL #2	4.21	4.31		
PULL #3	4.25	4.25		
PULL #4	4.28	4.24		
PULL #5	4.30	4.31		
TOTAL	21.27	21.41		
AVG.	4.25	4.28		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225349
24 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.466075
1 TO	2	.308058
1 TO	3	.552359
1 TO	4	.598703
1 TO	5	.532226

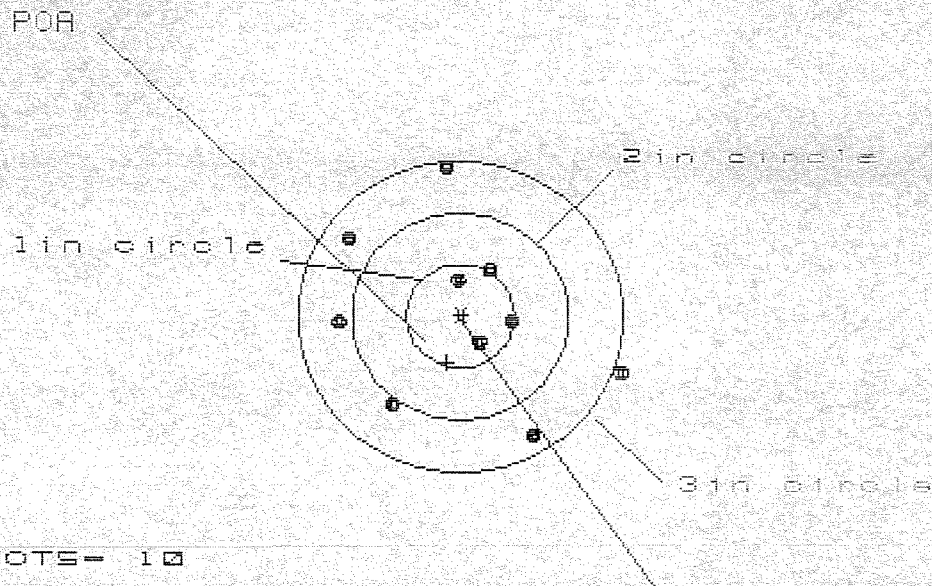
$\bar{x}$ $\bar{y}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1914
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1138
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .222676
THE AMR FOR THIS RIFLE IS: 1.015

24 Feb 1989

FILE: \PATTERNING\CENTERFIRE_PATT\08225349

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 4

3 in = 9

HS= 2.567

VS= 2.576

GS= 2.857

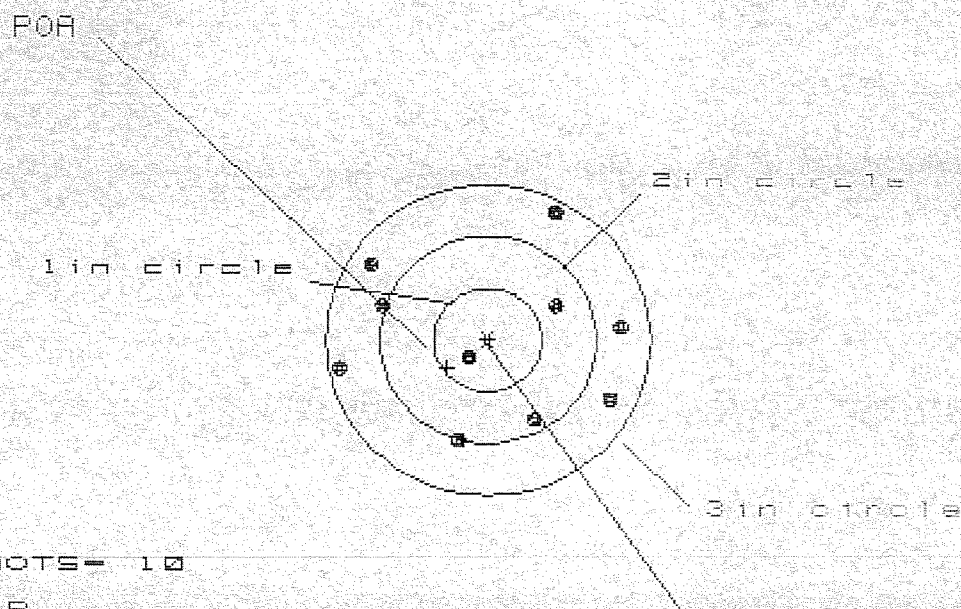
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.446	.822	.827
MINIMUM X	:	-1.121	-.960	-.955
MAXIMUM Y	:	1.420	1.356	.887
MINIMUM Y	:	-1.156	-1.220	-1.051
CENTROID X	:	.125	-.036	-.041
CENTROID Y	:	.449	.513	.344
POA TO CENTROID in.	:	.466	.515	.346
MIN RADIUS	:	.324	.286	.374
MEAN RADIUS	:	.953	.892	.834
MAX RADIUS	:	1.557	1.471	1.337
HORIZONTAL SPREAD	:	2.567	1.782	1.782
VERTICAL SPREAD	:	2.576	2.576	1.938
EXTREME SPREAD	:	2.857	2.692	2.597
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225343

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 10

HS= 2.526

VS= 2.158

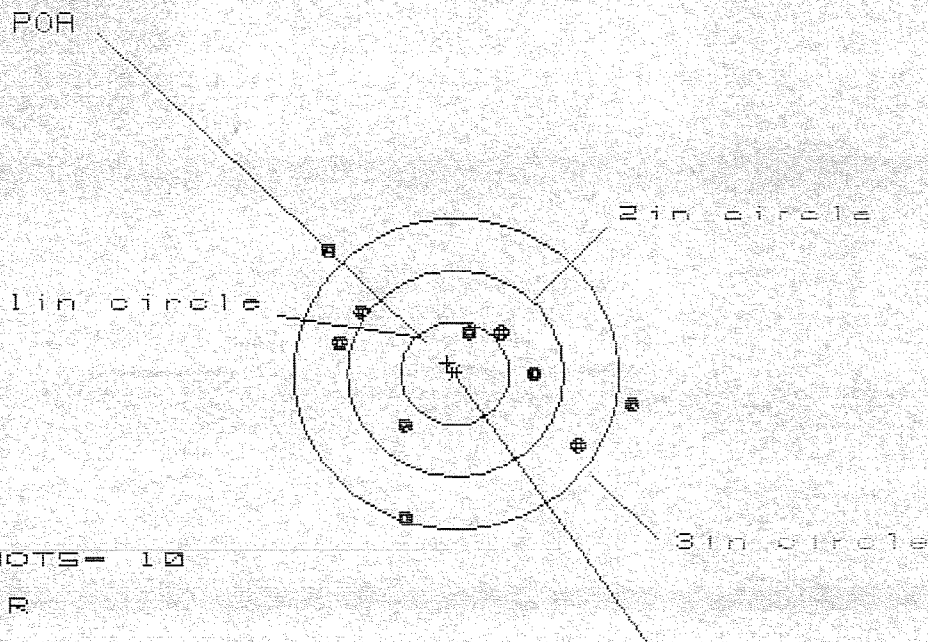
GS= 2.621

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.185	1.036	.878
MINIMUM X	:	-1.341	-1.261	-1.327
MAXIMUM Y	:	1.182	1.157	1.250
MINIMUM Y	:	-.976	-1.001	-.908
CENTROID X	:	.375	.524	.682
CENTROID Y	:	.269	.294	.201
POA TO CENTROID in.	:	.462	.601	.711
MIN RADIUS	:	.301	.433	.527
MEAN RADIUS	:	1.042	.998	.917
MAX RADIUS	:	1.361	1.467	1.376
HORIZONTAL SPREAD	:	2.526	2.297	2.205
VERTICAL SPREAD	:	2.158	2.158	2.158
EXTREME SPREAD	:	2.621	2.621	2.329
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			10	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225349

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 4

3in = 8

HS= 3.721

VS= 2.523

GS= 3.891

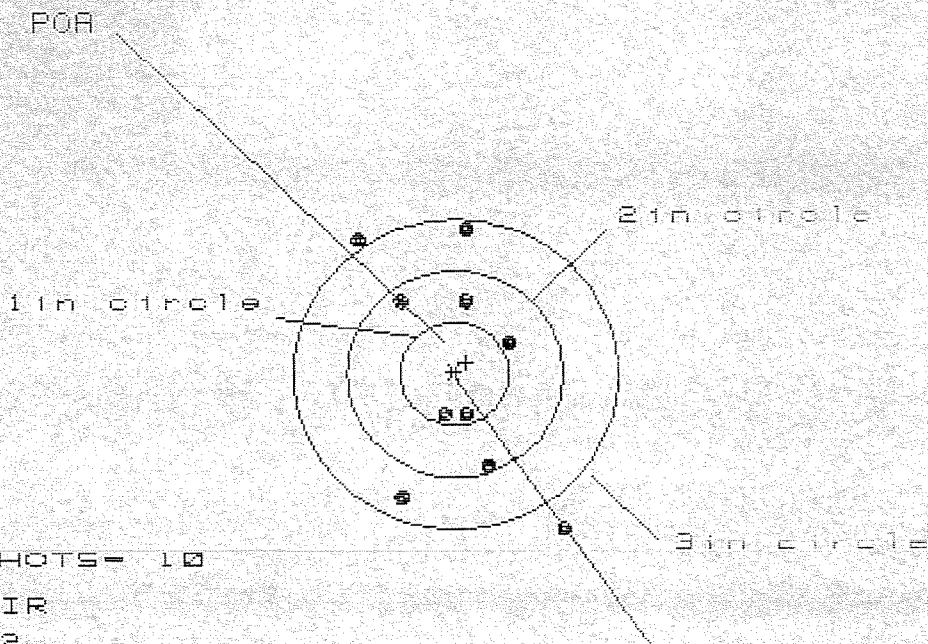
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.586	1.460	1.158
MINIMUM X	:	-1.135	-1.164	-.982
MAXIMUM Y	:	1.169	.696	.675
MINIMUM Y	:	-1.355	-1.225	-1.246
CENTROID X	:	.074	.200	.018
CENTROID Y	:	-.101	-.230	-.209
POA TO CENTROID in.	:	.125	.305	.210
MIN RADIUS	:	.455	.573	.575
MEAN RADIUS	:	1.057	.993	.924
MAX RADIUS	:	1.629	1.469	1.303
HORIZONTAL SPREAD	:	2.721	2.624	2.140
VERTICAL SPREAD	:	2.523	1.921	1.921
EXTREME SPREAD	:	3.891	2.687	2.356
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG225349

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 1.917

VS= 2.844

GS= 3.387

CENTROID #

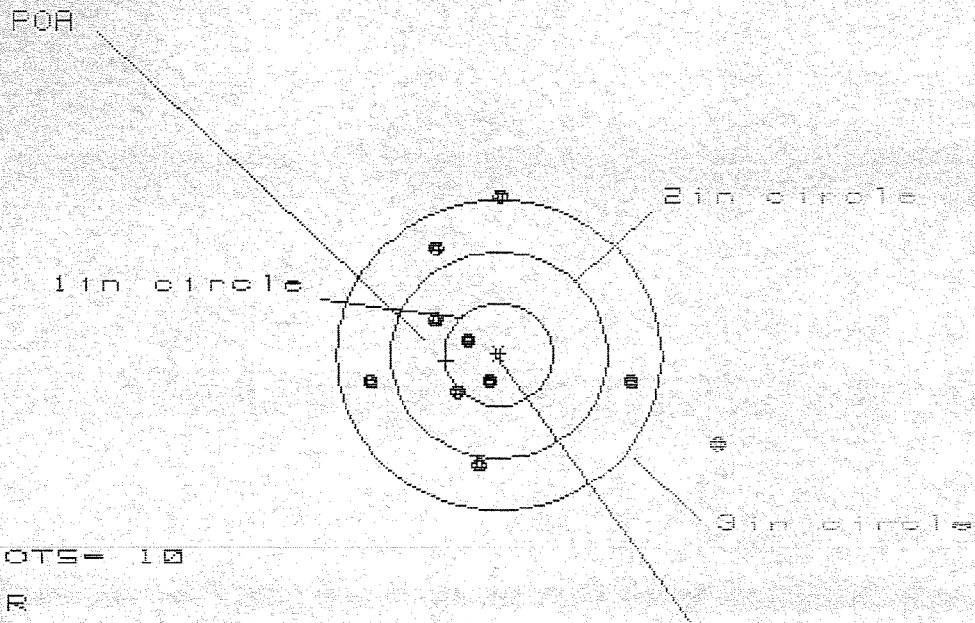
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.970	.583	.478
MINIMUM X	:	-.947	-.839	-.538
MAXIMUM Y	:	1.357	1.192	1.334
MINIMUM Y	:	-1.487	-1.397	-1.255
CENTROID X	:	-.102	-.210	-.105
CENTROID Y	:	-.105	.060	-.082
POA TO CENTROID in.	:	.146	.218	.133
MIN RADIUS	:	.372	.564	.394
MEAN RADIUS	:	.993	.909	.820
MAX RADIUS	:	1.775	1.463	1.365
HORIZONTAL SPREAD	:	1.917	1.422	1.016
VERTICAL SPREAD	:	2.844	2.589	2.589
EXTREME SPREAD	:	3.387	2.669	2.669
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

24 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225349

CENTERFIRE PATTERNS

5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 4

3 in = 8

HS= 3.241

VS= 2.617

GS= 3.284

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.020	1.480	1.512
MINIMUM X	:	-1.221	-.996	-.964
MAXIMUM Y	:	1.514	1.422	1.088
MINIMUM Y	:	-1.103	-1.195	-1.017
CENTROID X	:	.485	.260	.228
CENTROID Y	:	.057	.149	-.029
POA TO CENTROID in.	:	.488	.300	.230
MIN RADIUS	:	.266	.092	.247
MEAN RADIUS	:	1.029	.844	.751
MAX RADIUS	:	2.182	1.523	1.523
HORIZONTAL SPREAD	:	3.241	2.476	2.476
VERTICAL SPREAD	:	2.617	2.617	2.105
EXTREME SPREAD	:	3.284	2.629	2.476
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

Repair Number: **RE00022082** Serial: C6225349 Model: 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 1/31/01 11:43:47 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: TRANS OFFICER TRANS OFFICER

Address 1: CRP CRP

Address 2: BLDG 5207 BLDG 5207 PO Box: PO Box:

City: FORT CAMPBELL FORT CAMPBELL

State: KY Zip Code: 52223 Country: US State: KY Zip Code: 52223 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: <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>1</td> </tr> <tr> <td>A008</td> <td>With Swivel</td> <td>1</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	1	A008	With Swivel	1	A010	Hard Case	1	A017	Scope Base	1		
Code	Desc	Qty																	
A007	With Stud	1																	
A008	With Swivel	1																	
A010	Hard Case	1																	
A017	Scope Base	1																	

Repair Search Refresh Close

neglet 1/31/01 1:37 PM NUM

Start [Icons] 1:37 PM

Serial Number: **C6225349**
 Model: **700**

RE00022082

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225349
13 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .07
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .171
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .184773

THE AMR FOR THIS RIFLE IS: 1.12

CENTROIDAL DISTANCES

0 TO 1	.13306
1 TO 2	.0983717
1 TO 3	.163028
1 TO 4	.591277
1 TO 5	.0876584

4

$\frac{2}{5} \times 3$ <----POA

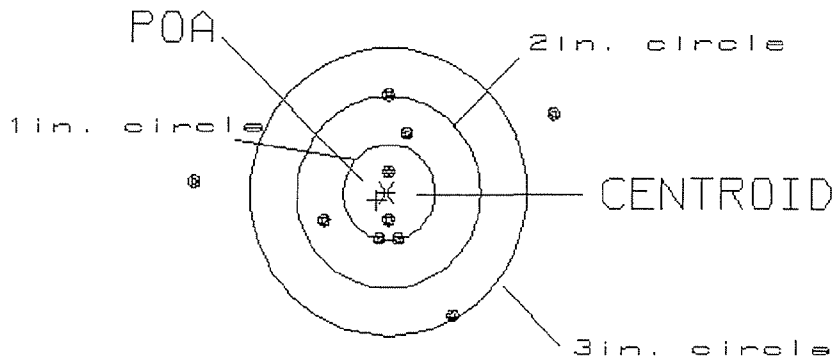
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .133
 MIN RADIUS : .213
 MEAN RADIUS : .951
 MAX RADIUS : 2.068
 CENTROID X : .104
 CENTROID Y : .083

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225349

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.84
 VS= 2.40
 GS= 3.90

3
 6
 8

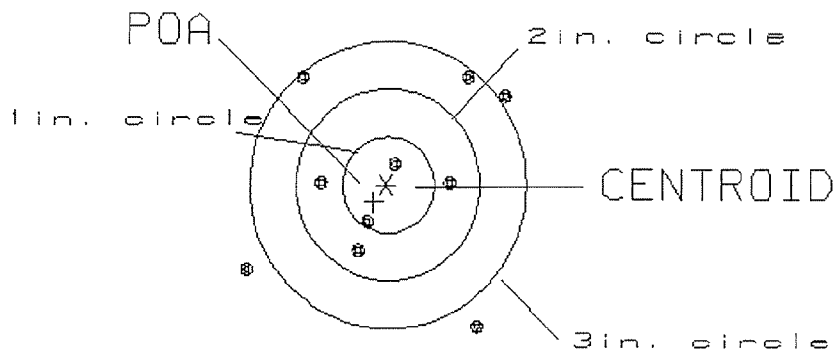
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .222
 MIN RADIUS : .258
 MEAN RADIUS : 1.086
 MAX RADIUS : 1.784
 CENTROID X : .133
 CENTROID Y : .177

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225349

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.86
 VS= 2.65
 GS= 3.36

2
 5
 7

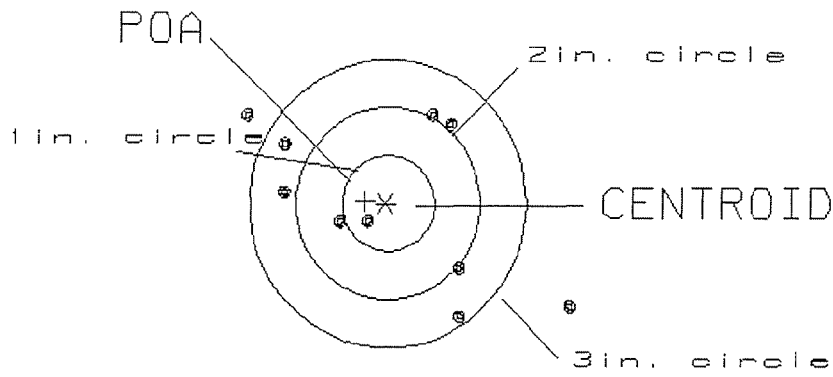
PATTERN #: 3

POA TO CENTROID: .228
 MIN RADIUS : .323
 MEAN RADIUS : 1.192
 MAX RADIUS : 2.269
 CENTROID X : .227
 CENTROID Y : -.024

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225349

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.51
 VS= 2.11
 GS= 4.06

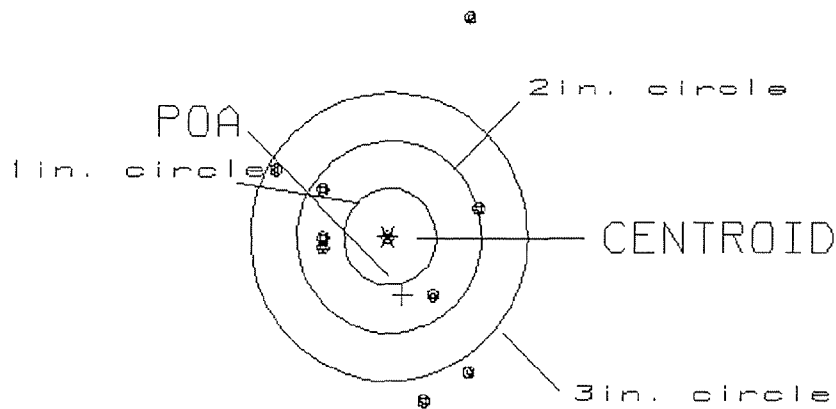
1
 4
 5

PATTERN #: 4
 POA TO CENTROID: .631
 MIN RADIUS : .061
 MEAN RADIUS : 1.134
 MAX RADIUS : 2.428
 CENTROID X : -.168
 CENTROID Y : .608

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225349

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.15
 VS= 3.99
 GS= 4.02

1
 6
 7

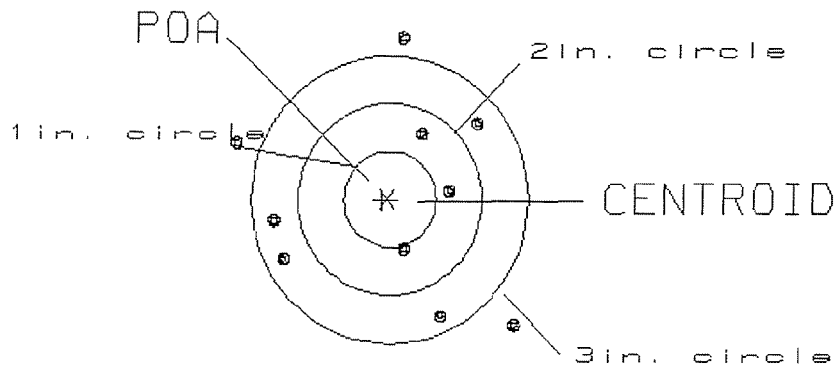
PATTERN #: 5

POA TO CENTROID: .055
 MIN RADIUS : .511
 MEAN RADIUS : 1.238
 MAX RADIUS : 1.872
 CENTROID X : .054
 CENTROID Y : .011

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225349

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.02
 VS= 2.96
 GS= 3.57

0
 3
 7

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

R & E NUMBER <u>22082</u>			
SERIAL NUMBER <u>C-622 5349</u>			
LOG-IN DATE <u>1-31-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<u>2-2-01</u>	<u>ck</u>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<u>2-12-01</u>	<u>ck</u>
605	CHECK HEADSPACE	<u>2-12-01</u>	<u>ck</u>
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	<u>3-13-01</u>	<u>ck</u>
655	FINAL INSPECT	<u>3-15-01</u>	<u>ck</u>
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

Sn: C-6225349

DATE REC'D: 1-31-01

DATE RET'D:

Auditor: C/K

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: