

C6225126

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



CONTRACT # DAAA21-87-C-0086

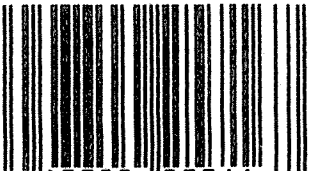
GUN SERIAL # C6225126

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 12	89	RW
600	Proof	4 12	89	RW
607	Check Headspace	4 12	89	RW
610	Dis-assemble Gun	4 12	89	RW
612	Magnaflux Barrel Action		4/13/89	KCR
	Magnaflux Bolt		4/14/89	KCR
615	Rollmark Caliber		4/14/89	KCR
617	Drill and Tap Sight Holes	4 14	89	F.B
618	Polish Barrel RB	4 14	89	BT.
620	Apply Coatings (Barrel Action)		4-19-89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/8/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/8/89	RW
	C) Inspect Ejector Hole for Chamfer		5/8/89	RW
	D) Oil Firing Pin Ass'y		5/8/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/11/89	WS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5/11/89	JE
	G) Safety Off Force	3	3	3			5/11/89	JE
	H) Trigger Pull Test & Retainability						5/11/89	WB
	I) Firing Pin Indent	.021	.020	.021			5/11/89	JE
	J) Assemble Stock						5/12/89	RW
	K) Assemble Swivel Studs						16 May 89	JS
	L) Attach Front and Rear Sight Assemblies						5/12/89	RW
	M) Iron Sight Alignment						5/12/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/12/89	RW
	O) Attach Scope to Rifle						5/12/89	JE
	P) Detach & Attach Scope 20 Times						5/12/89	JE
640	Gallery Target & Test	72 R	78 L				5/15/89	A
	A) Time						5/15/89	A
	B) Malfunctions						5/15/89	A
	C) Pierced Primers						5/15/89	A
	D) Optical Clarity of Scope						5/15/89	A
645	Inspect for Live Ammo						5/15/89	A
655	Final Inspection							
	A) Headspace						16 May 89	JS
	B) Trigger Pull	2.47	2.70	2.61	2.47	2.46	16 May 89	JS
	C) Function						16 May 89	JS
660	Pack						26 June 89	JS

Remington		 REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6225126	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off, Marca Registrada Marque Deposee.			
 5716 C6225126			

UPC



0 47700 25716 7

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5126

DATE 22 Mar 90

TESTER DS

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	231	224	236	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	233	237	235	
PULL #3	235	234	244	
PULL #4	228	236	241	
PULL #5	218	231	245	
TOTAL	1145	1162		
AVG.	229	2324		

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	283	296	
PULL #2	291	300	
PULL #3	288	302	
PULL #4	290	302	
PULL #5	291	300	
TOTAL	1443	1500	
AVG.	2886	300	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	402	410		
PULL #2	410	415		
PULL #3	409	407		
PULL #4	408	411		
PULL #5	397	412		
TOTAL	2026	2055		
AVG.	4052	411		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225126
16 May 1989

CENTROIDAL DISTANCES

0 TO	1	1.37078
1 TO	2	.938855
1 TO	3	1.47263
1 TO	4	.728973
1 TO	5	1.05832

4 (----POB
3 4 2
1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2866
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.5504
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .620548
THE AMR FOR THIS RIFLE IS: .8392

15 May 1995

FILE:/PATTERNING/CENTERFIRE_PATT/08225126

CENTERFIRE PATTERNS # 1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS= 10

IN CIR

1 in = 5

2 in = 8

3 in = 9

HS= 1.714

VS= 2.040

GS= 2.418

CENTROID *

PATTERN #

1

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.031	.955	.459
MINIMUM X	:	-.683	-.745	-.625
MAXIMUM Y	:	.643	.488	.507
MINIMUM Y	:	-1.397	-.619	-.600
CENTROID X	:	-.298	-.222	-.342
CENTROID Y	:	-1.338	-1.183	-1.202
POA TO CENTROID in.	:	1.371	1.204	1.250
MIN RADIUS	:	.317	.207	.176
MEAN RADIUS	:	.655	.519	.449
MAX RADIUS	:	1.555	.968	.694
HORIZONTAL SPREAD	:	1.714	1.700	1.084
VERTICAL SPREAD	:	2.040	1.107	1.107
EXTREME SPREAD	:	2.418	1.743	1.300
NUMBER IN ONE INCH CIRCLE =			5	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225126

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 3.242

VS= 2.259

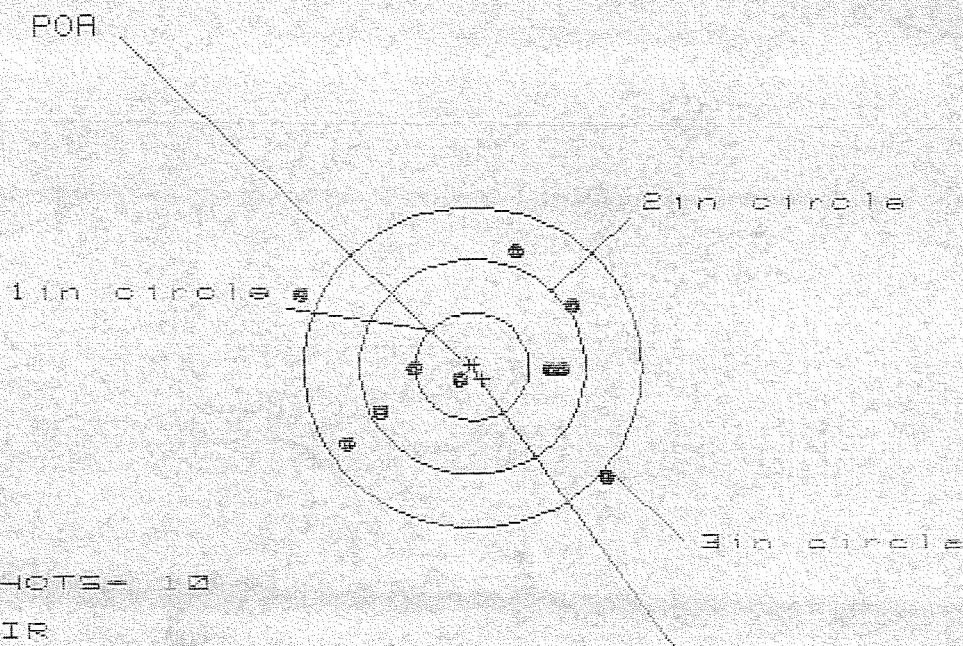
GS= 3.650

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.117	.881	.618
MINIMUM X	:	-2.125	-2.102	-.904
MAXIMUM Y	:	1.172	1.071	1.049
MINIMUM Y	:	-1.087	-1.188	-1.210
CENTROID X	:	.137	.373	.636
CENTROID Y	:	-.506	-.405	-.383
POA TO CENTROID in.	:	.525	.550	.742
MIN RADIUS	:	.102	.193	.457
MEAN RADIUS	:	1.174	1.003	.838
MAX RADIUS	:	2.314	2.109	1.249
HORIZONTAL SPREAD	:	3.242	2.983	1.522
VERTICAL SPREAD	:	2.259	2.259	2.259
EXTREME SPREAD	:	3.650	3.097	2.304
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			8	

15 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06225126

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.755

VS= 2.043

GS= 3.223

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.209	1.038	.874
MINIMUM X	:	-1.546	-1.256	-1.126
MAXIMUM Y	:	1.038	1.113	.996
MINIMUM Y	:	-1.005	-.930	-.750
CENTROID X	:	-.084	.088	-.041
CENTROID Y	:	.119	.044	.161
POA TO CENTROID in.	:	.145	.099	.166
MIN RADIUS	:	.132	.253	.191
MEAN RADIUS	:	.978	.894	.819
MAX RADIUS	:	1.684	1.407	1.353
HORIZONTAL SPREAD	:	2.755	2.294	2.001
VERTICAL SPREAD	:	2.043	2.043	1.746
EXTREME SPREAD	:	3.223	2.358	2.358
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225128

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 10

3 in = 10

HS= 1.520

VS= 1.242

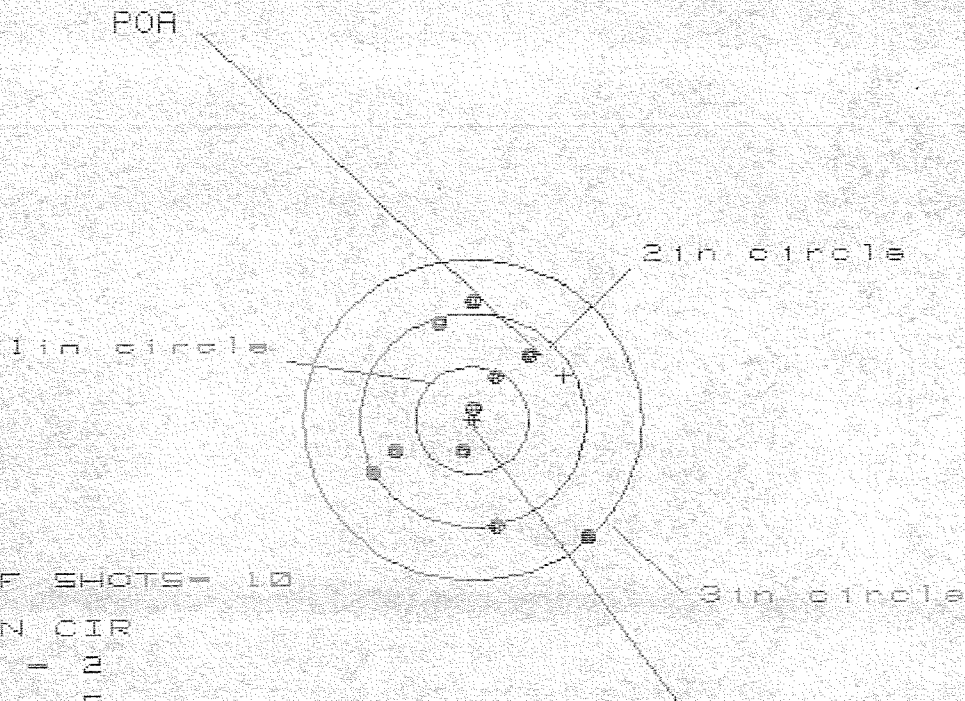
GS= 1.520

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.668	.573	.527
MINIMUM X	:	-.852	-.782	-.828
MAXIMUM Y	:	.518	.535	.447
MINIMUM Y	:	-.724	-.707	-.644
CENTROID X	:	-.374	-.279	-.233
CENTROID Y	:	-.613	-.630	-.541
POA TO CENTROID in.	:	.718	.689	.589
MIN RADIUS	:	.179	.203	.123
MEAN RADIUS	:	.599	.559	.508
MAX RADIUS	:	.866	.799	.854
HORIZONTAL SPREAD	:	1.520	1.355	1.355
VERTICAL SPREAD	:	1.242	1.242	1.090
EXTREME SPREAD	:	1.520	1.385	1.385
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		10	
NUMBER IN THREE INCH CIRCLE	=		10	

15 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225126

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 1.846

VS= 2.135

GS= 2.345

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.966	.592	.604
MINIMUM X	:	-.880	-.773	-.761
MAXIMUM Y	:	1.090	.973	.918
MINIMUM Y	:	-1.045	-1.087	-.965
CENTROID X	:	-.814	-.921	-.933
CENTROID Y	:	-.414	-.297	-.419
POA TO CENTROID in.	:	.913	.968	1.023
MIN RADIUS	:	.079	.091	.123
MEAN RADIUS	:	.790	.711	.671
MAX RADIUS	:	1.423	1.143	1.032
HORIZONTAL SPREAD	:	1.846	1.365	1.365
VERTICAL SPREAD	:	2.135	2.060	1.883
EXTREME SPREAD	:	2.345	2.075	1.948
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

Repair Number: **RE00021321** Serial: C6225126 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 1/22/01 10:25:29 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **HSC 3/10 SFG (A)** **HSC 3/10 SFG (A)**

Address 1: Address 2: 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: Fair 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>A016</td> <td>Scope Mounts</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> </tbody> </table>	Code	Desc	Qty	A007	With Stud	1	A008	With Swivel	1	A016	Scope Mounts	1	A017	Scope Base	1	A026	Scope	1		
Code	Desc	Qty																				
A007	With Stud	1																				
A008	With Swivel	1																				
A016	Scope Mounts	1																				
A017	Scope Base	1																				
A026	Scope	1																				

Repair Search Refresh Close

1/22/01 2:59 PM CAPS NUM

Start Inb. Map Ar. Expl. Micr. Ass. Part. Hor. SA. Slo. 2:59 PM

Number: **C6225126**

Model: **700**



RE00021321

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225126
24 Feb 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0478
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0086
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0485675

THE AMR FOR THIS RIFLE IS: .9604

CENTROIDAL DISTANCES

0 TO	1	.216023
1 TO	2	.284271
1 TO	3	.495956
1 TO	4	.152345
1 TO	5	.406872

${}^5_3 241$ <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

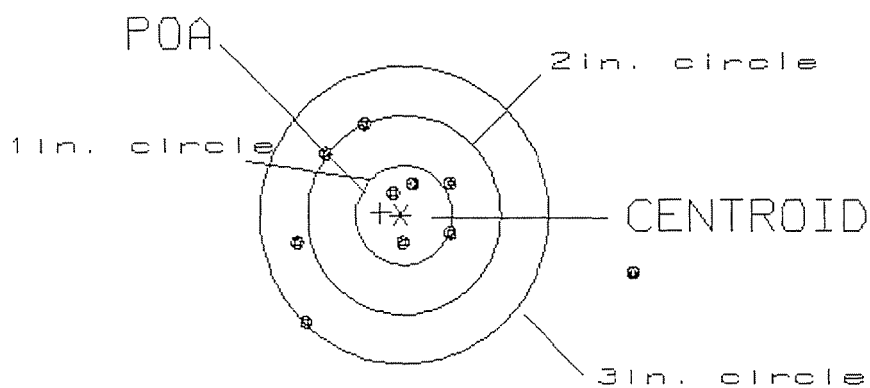
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .216
 MIN RADIUS : .284
 MEAN RADIUS : .917
 MAX RADIUS : 2.471
 CENTROID X : .215
 CENTROID Y : -.021

24 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225126

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.54

3

VS= 1.94

6

GS= 3.56

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .070

MIN RADIUS : .251

MEAN RADIUS : .934

MAX RADIUS : 1.371

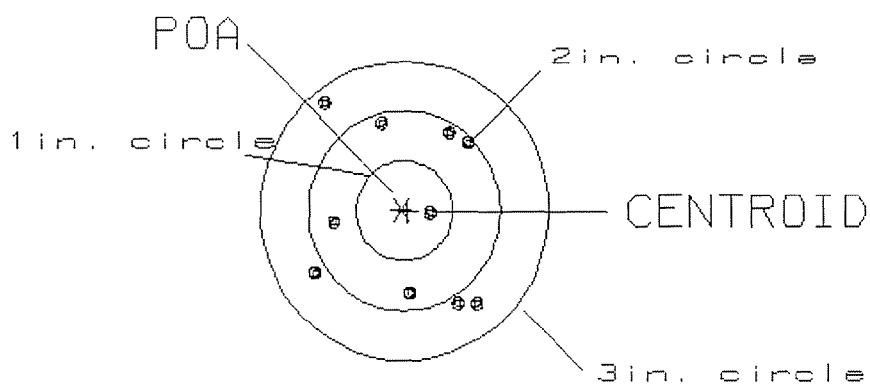
CENTROID X : -.066

CENTROID Y : .022

24 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225126

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.72

1

VS= 2.01

6

GS= 2.60

10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

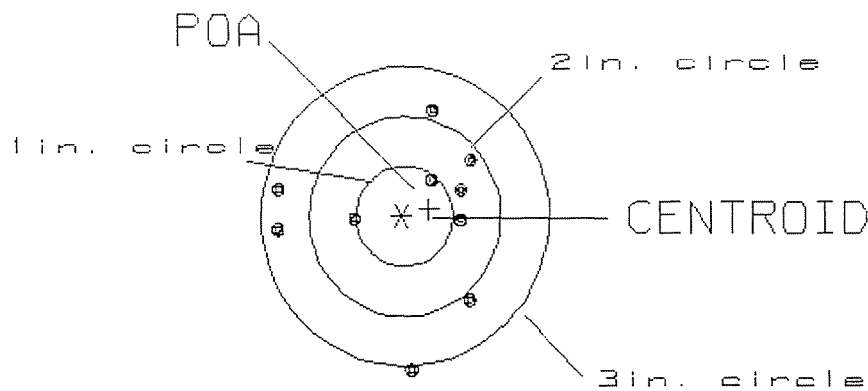
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .286
 MIN RADIUS : .471
 MEAN RADIUS : .934
 MAX RADIUS : 1.497
 CENTROID X : -.279
 CENTROID Y : -.065

24 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225126

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.06

2

VS= 2.55

5

GS= 2.55

10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

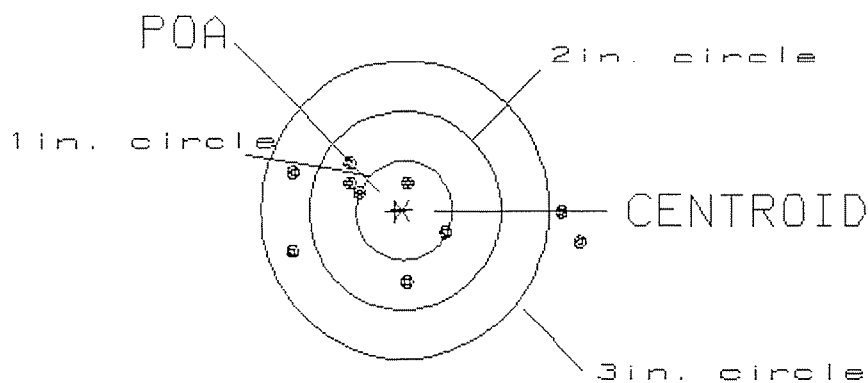
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .071
 MIN RADIUS : .325
 MEAN RADIUS : .930
 MAX RADIUS : 1.841
 CENTROID X : .068
 CENTROID Y : .019

24 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225126

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.01
 VS= 1.22
 GS= 3.07

3
 6
 8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

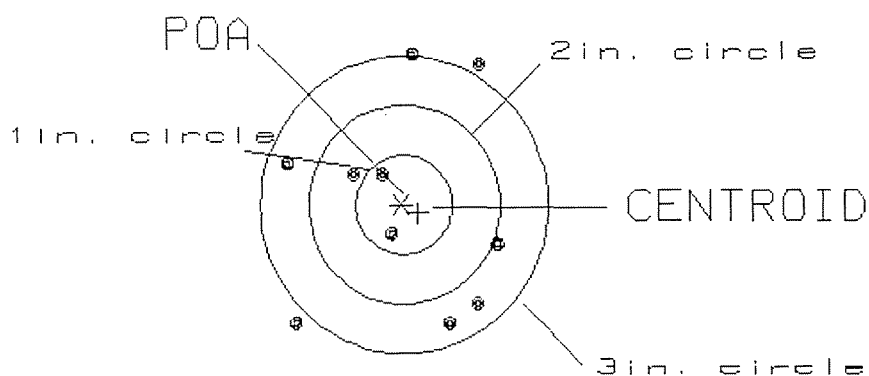
PATTERN #: 5

POA TO CENTROID: .198
 MIN RADIUS : .301
 MEAN RADIUS : 1.087
 MAX RADIUS : 1.618
 CENTROID X : -.177
 CENTROID Y : .088

24 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225126

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.20

2

VS= 2.71

3

GS= 3.18

7

Final Inspection

Sn: C-6225/26 DATE REC'D: 1-22-01 DATE RET'D:

AUDITOR: CK.

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 <i>2/321</i>			
SERIAL NUMBER <i>C-6225126</i>			
LOG-IN DATE <i>1-22-01</i>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>1-25-01</i>	<i>CK</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>1-29-01</i>	<i>CK</i>
605	CHECK HEADSPACE	<i>1-29-01</i>	<i>CK</i>
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	<i>2-14-01</i>	<i>CK</i>
655	FINAL INSPECT	<i>2-14-01</i>	<i>CK</i>
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	