

C6225126

MODEL 760™ 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	TJA
	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	WB

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	JE
	A) Time				5/15/89	JE
	B) Malfunctions				5/15/89	JE
	C) Pierced Primers				5/15/89	JE
	D) Optical Clarity of Scope				5/15/89	JE
645	Inspect for Live Ammo				5/15/89	JE
655	Final Inspection					
	A) Headspace				16 May 89	JS
	B) Trigger Pull	2.47	2.70	2.61	16 May 89	JS
	C) Function				16 May 89	JS
660	Pack				26 June 89	JS



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.

01

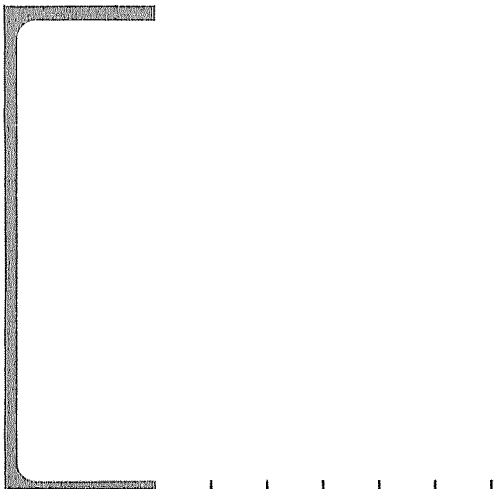


5716 C6225126

UPC



0 47700 25716 7



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 ES

	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 # 06225126
16 May 1989

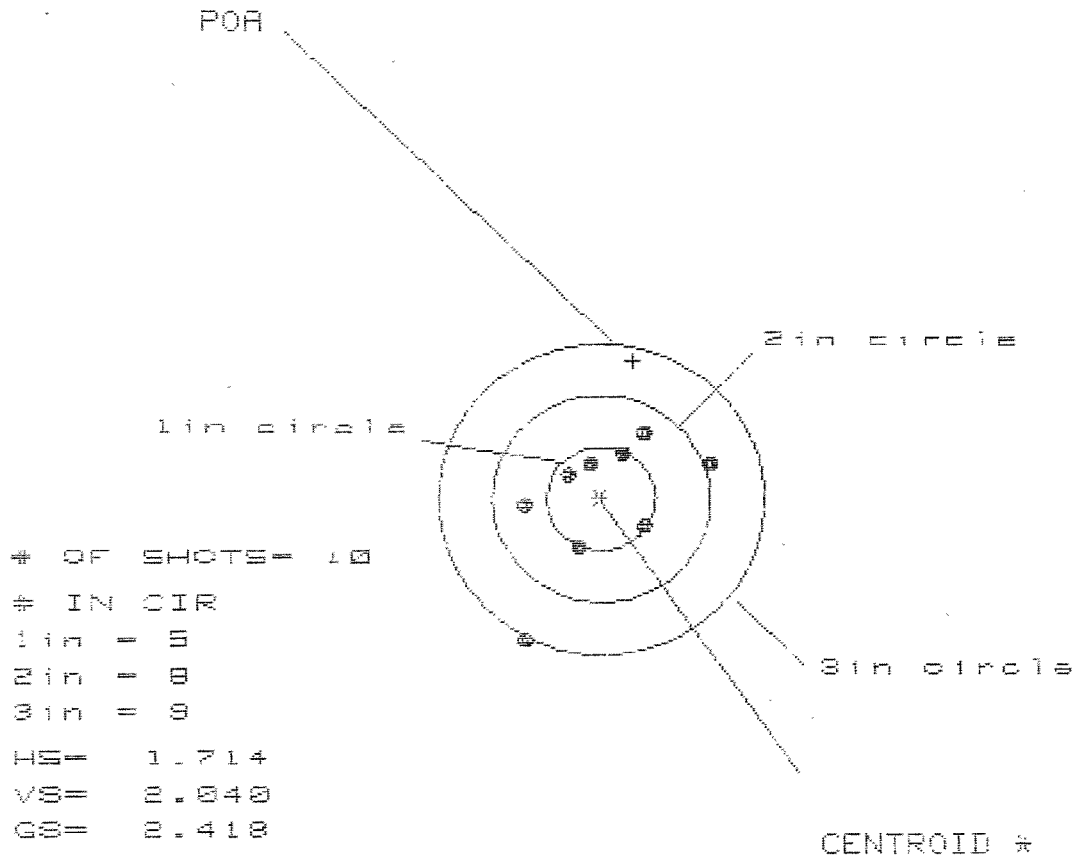
CENTROIDAL DISTANCES

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

4 (---POA
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: .620540
THE AMR FOR THIS RIFLE IS: .8392

CENTERFIRE PATTERNS # 1



PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.631	.955	.459
MINIMUM X	:	-.683	-.745	-.525
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	1.684
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/C6225126

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

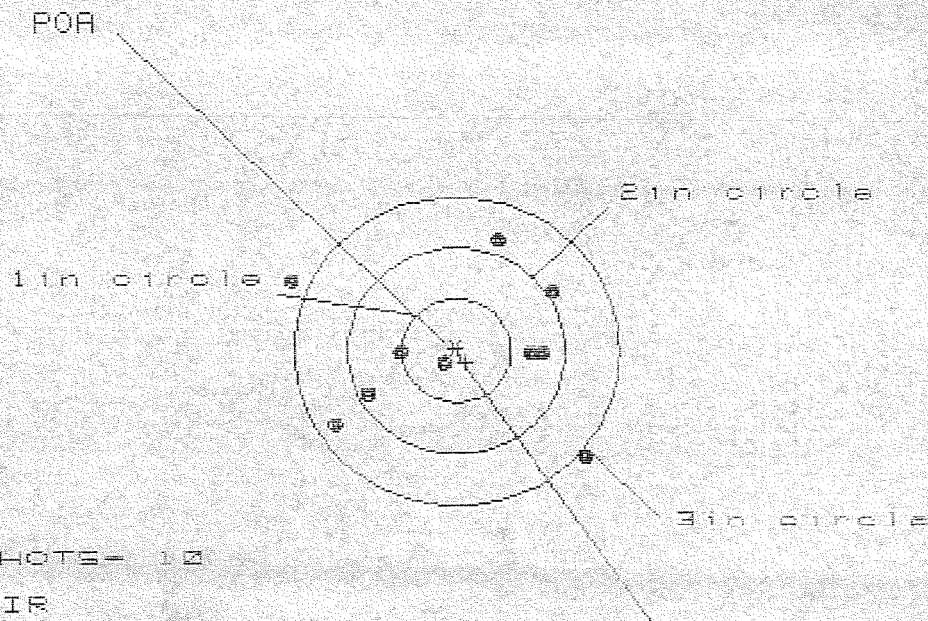
GS= 3.650

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 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225126

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	9	8
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/08225126

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 10

3in = 10

HS= 1.520

VS= 1.242

GS= 1.520

CENTROID *

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/C8225126

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

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
MAXIMUM X	.966
MINIMUM X	-.880
MAXIMUM Y	1.090
MINIMUM Y	-1.045
CENTROID X	-.814
CENTROID Y	-.414
POA TO CENTROID in.	.913
MIN RADIUS	.079
MEAN RADIUS	.790
MAX RADIUS	1.423
HORIZONTAL SPREAD	1.846
VERTICAL SPREAD	2.135
EXTREME SPREAD	2.345
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 (SW5) Repairman: Status: Closed 1/22/01 10:25:29 AM

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:

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
A008	With Swivel	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

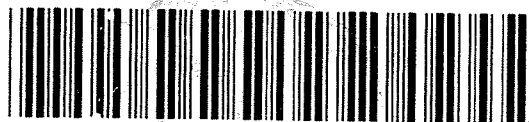
Repair Search **Refresh** **Close**

1/22/01 2:59 PM CAPS NUM

Start Inb. Hag. Ar. Exp. Micr. Ass. Pat. Nor. SA Sto. 2:59 PM

Number: **C6225126**

Model: **700**



RE00021321

BARBER - M24 0049606

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

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

⁵₃241 <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

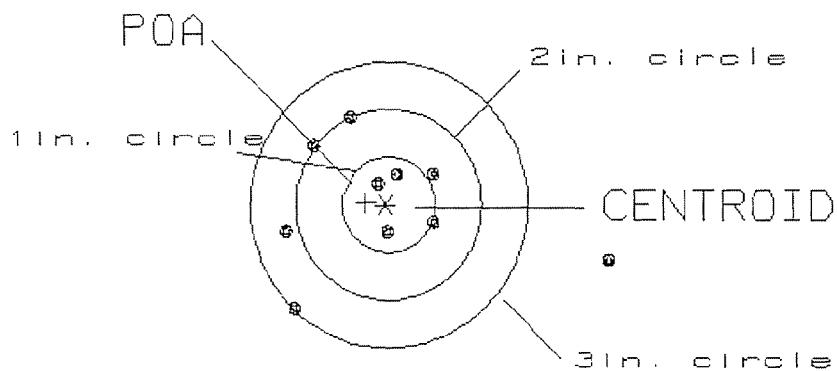
PATTERN #: 1

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
 VS= 1.94
 GS= 3.56

3
 6
 9

REMINGTON CENTERFIRE ACCURACY TEST

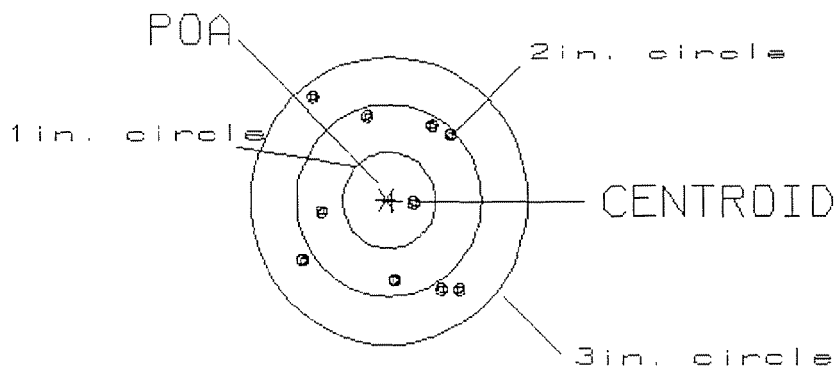
REMINGTON TEST LAB, ILION, N.Y.

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/c5225126

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.72

1

VS= 2.01

6

GS= 2.60

10

REMINGTON CENTERFIRE ACCURACY TEST

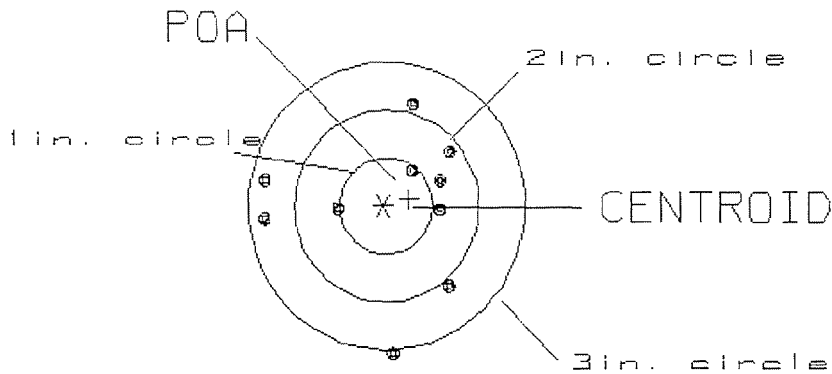
REMINGTON TEST LAB, ILION, N.Y.

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/c5225126

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

MS= 2.06

2

VS= 2.55

5

GS= 2.55

10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

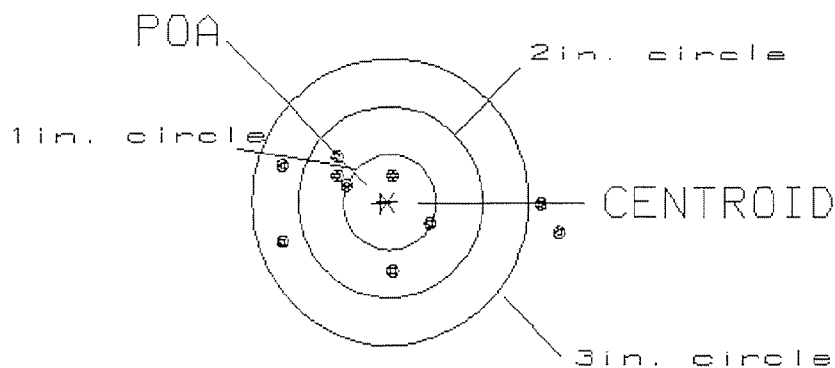
PATTERN #: 040

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

3

VS= 1.22

6

GS= 3.07

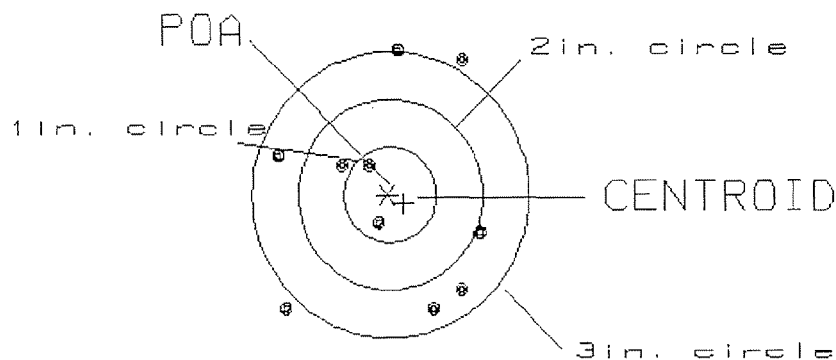
8

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