

C6225245

MODEL 700TM M24

Model **S&S**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington




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

MODEL 700™ M24

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

SERIAL NO.
C6225245

ORDER NO.
5716

01

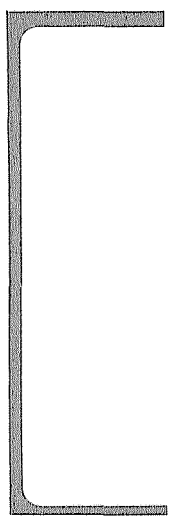


5716 C6225245

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225245

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 21	89	RW
600	Proof	4 21	89	RW
607	Check Headspace	4 21	89	RW
610	Dis-assemble Gun	4 21	89	RW
612	Magnaflux Barrel Action		4/26	KCR
	Magnaflux Bolt		4/27	KCR
615	Rollmark Caliber		4/27	LS
617	Drill and Tap Sight Holes	4 27	89	JB
618	Polish Barrel RB	4 27	89	BT
620	Apply Coatings (Barrel Action)		5/22/89	JB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/22/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/22/89	RW
	C) Inspect Ejector Hole for Chamfer		5/22/89	RW
	D) Oil Firing Pin Ass'y		5/22/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/26/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	8	8			5/26/89	RW
	G) Safety Off Force	3.5	3.5	3.5			5/26/89	RW
	H) Trigger Pull Test & Retainability						5/26/89	WJB
	I) Firing Pin Indent	.0202	.0205	.0205			5/26/89	WJB
	J) Assemble Stock						5/30/89	RW
	K) Assemble Swivel Studs						1 June 89	JS
	L) Attach Front and Rear Sight Assemblies						5/30/89	RW
	M) Iron Sight Alignment						5/30/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/30/89	RW
	O) Attach Scope to Rifle						5/30/89	JS
	P) Detach & Attach Scope 20 Times						5/31/89	JS
640	Gallery Target & Test	50 R	100 L				5/31/89	DH
	A) Time						5/31/89	DH
	B) Malfunctions						5/31/89	DH
	C) Pierced Primers						5/31/89	DH
	D) Optical Clarity of Scope						5/31/89	DH
645	Inspect for Live Ammo						5/31/89	DH
655	Final Inspection							
	A) Headspace						1 June 89	JS
	B) Trigger Pull	2.72	2.75	2.86	2.95	2.71	1 June 89	JS
	C) Function						1 June 89	JS
660	Pack						27 June 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 5245DATE 3-23-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.24		2.30	MIN. SETTING,
PULL #2	2.33	2.30		2.37	NO AVG. OF 5
PULL #3	2.25	2.24		2.30	READINGS ACCEPT-
PULL #4	2.22	2.31		2.17	ABLE LESS THAN 2#
PULL #5	2.22	2.23		2.29	
TOTAL	11.36	11.32		11.43	
AVG.	2.272	2.264		2.286	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.46		
PULL #2	3.46	3.35		
PULL #3	3.50	3.44		
PULL #4	3.52	3.51		
PULL #5	3.55	3.55		
TOTAL	17.38	17.31		
AVG.	3.476	3.462		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.52	4.11		
PULL #2	4.18	4.24		
PULL #3	4.27	4.24		
PULL #4	4.24	4.32		
PULL #5	4.24	4.30		
TOTAL	21.45	21.23		
AVG.	4.29	4.246		

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6225245
 1 Jun 1989

CENTROIDAL DISTANCES

0 TO	1	.561388
1 TO	2	.515001
1 TO	3	.29894
1 TO	4	.403515
1 TO	5	.614052

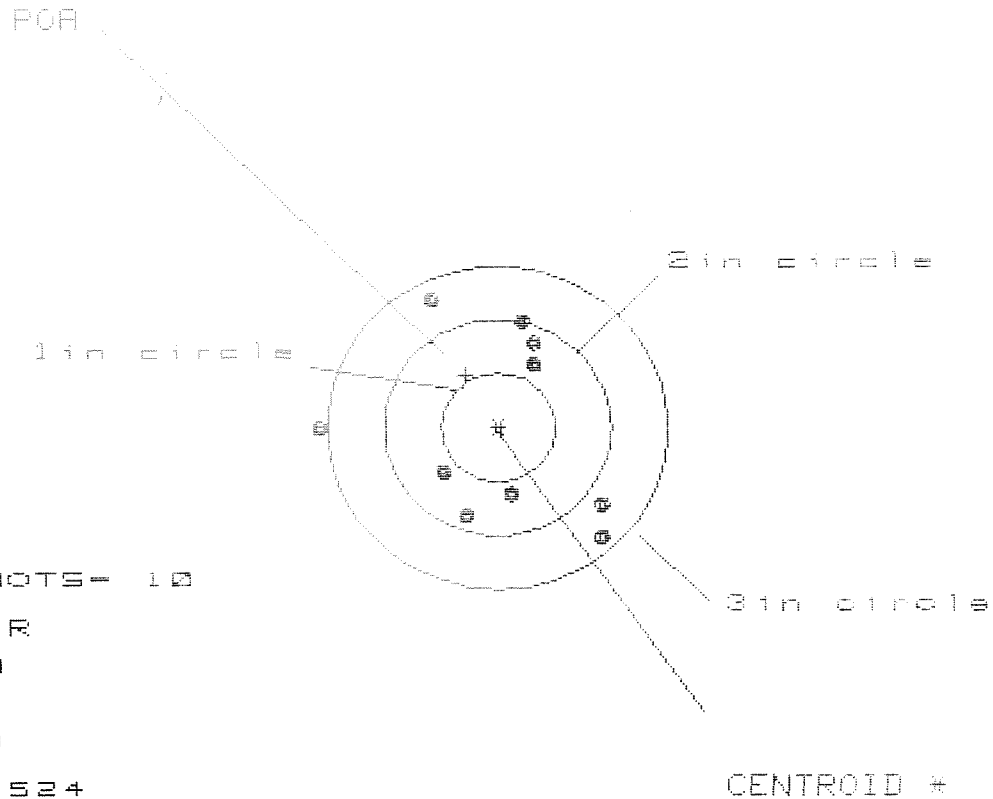
$\frac{4^5}{13^2}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .411
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2538
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .483048
 THE AMR FOR THIS RIFLE IS: .8132

31 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/06025245

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 5

3 in = 9

HS= 2.524

VS= 2.123

GS= 2.701

CENTROID *

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.939	.762	.858
MINIMUM X	:	-1.585	-.728	-.632
MAXIMUM Y	:	1.153	1.152	1.030
MINIMUM Y	:	-.970	-.971	-.953
CENTROID X	:	.281	.458	.362
CENTROID Y	:	-.486	-.485	-.364
POA TO CENTROID in.	:	.561	.667	.513
MIN RADIUS	:	.596	.633	.557
MEAN RADIUS	:	1.012	.937	.888
MAX RADIUS	:	1.585	1.362	1.209
HORIZONTAL SPREAD	:	2.524	1.490	1.490
VERTICAL SPREAD	:	2.123	2.123	1.983
EXTREME SPREAD	:	2.701	2.594	2.380
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

31 May 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C8225245

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.186

VS= 1.886

GS= 2.316

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.109	.989	.938
MINIMUM X	:	-1.077	-.606	-.482
MAXIMUM Y	:	1.015	.918	.893
MINIMUM Y	:	-.871	-.820	-.845
CENTROID X	:	.756	.876	.752
CENTROID Y	:	-.287	-.190	-.165
POA TO CENTROID in.	:	.809	.896	.770
MIN RADIUS	:	.303	.187	.196
MEAN RADIUS	:	.812	.736	.679
MAX RADIUS	:	1.385	1.046	1.160
HORIZONTAL SPREAD	:	2.186	1.595	1.420
VERTICAL SPREAD	:	1.886	1.738	1.738
EXTREME SPREAD	:	2.316	1.970	1.970
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225245

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 10

HS= 2.486

VS= 1.831

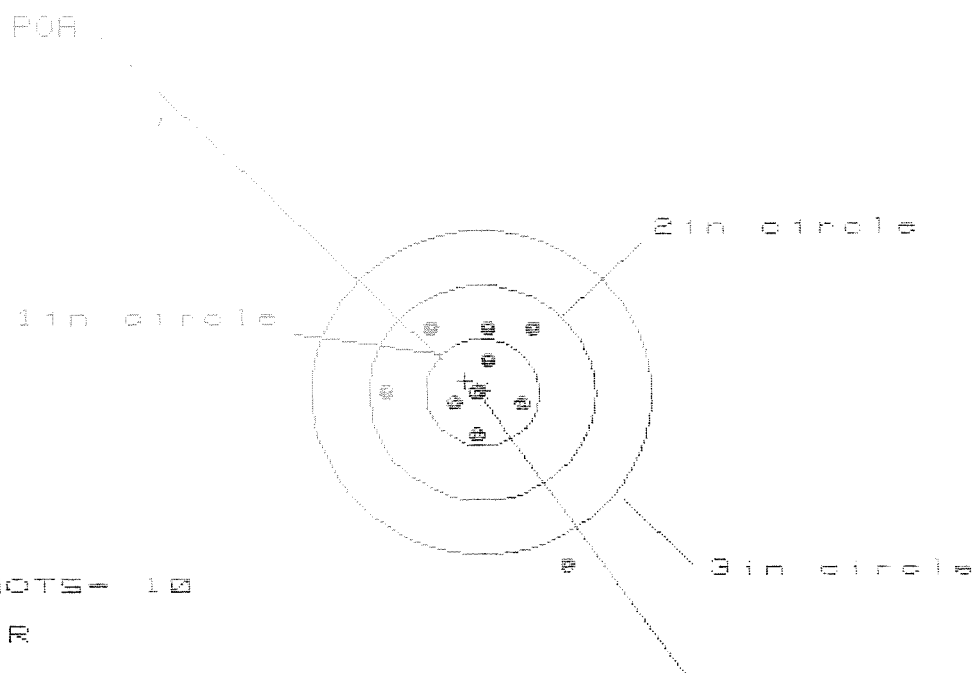
GS= 2.506

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.164	1.017	1.073
MINIMUM X	:	-1.322	-1.079	-1.023
MAXIMUM Y	:	1.179	1.164	1.006
MINIMUM Y	:	-.652	-.667	-.522
CENTROID X	:	.578	.725	.669
CENTROID Y	:	-.520	-.505	-.650
POA TO CENTROID in.	:	.777	.883	.933
MIN RADIUS	:	.457	.315	.441
MEAN RADIUS	:	.924	.869	.812
MAX RADIUS	:	1.329	1.247	1.120
HORIZONTAL SPREAD	:	2.486	2.096	2.096
VERTICAL SPREAD	:	1.831	1.831	1.528
EXTREME SPREAD	:	2.506	2.236	2.096
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

31 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225245

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 5

2in = 9

3in = 9

HS= 1.635

VS= 2.284

GS= 2.568

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.747	.555	.455
MINIMUM X	:	-.888	-.805	-.476
MAXIMUM Y	:	.645	.463	.443
MINIMUM Y	:	-1.639	-.559	-.579
CENTROID X	:	.151	.068	.168
CENTROID Y	:	-.104	.078	.098
POA TO CENTROID in.	:	.183	.104	.195
MIN RADIUS	:	.054	.147	.120
MEAN RADIUS	:	.625	.479	.423
MAX RADIUS	:	1.801	.819	.639
HORIZONTAL SPREAD	:	1.635	1.360	.931
VERTICAL SPREAD	:	2.284	1.022	1.022
EXTREME SPREAD	:	2.568	1.493	1.158
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		9	

31 May 1969

FILES/PATTERNING/CENTERFIRE_PATT/06225245

CENTERFIRE PATTERNS # 5

POB

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 8

3 in = 10

HS= 1.617

VS= 2.073

GS= 2.317

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.836	.910	.566
MINIMUM X	:	-.782	-.689	-.575
MAXIMUM Y	:	1.155	1.011	.912
MINIMUM Y	:	-.918	-.789	-.788
CENTROID X	:	.289	.196	.082
CENTROID Y	:	.128	-.001	.098
POB TO CENTROID in.	:	.315	.196	.128
MIN RADIUS	:	.173	.224	.128
MEAN RADIUS	:	.693	.601	.494
MAX RADIUS	:	1.426	1.205	1.074
HORIZONTAL SPREAD	:	1.617	1.599	1.141
VERTICAL SPREAD	:	2.073	1.800	1.620
EXTREME SPREAD	:	2.317	1.857	1.796
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # □c6225245
1 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0532
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.177
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .184822

THE AMR FOR THIS RIFLE IS: .9022

CENTROIDAL DISTANCES

0	TO	1	.158398
1	TO	2	.106212
1	TO	3	.0920706
1	TO	4	.0724224
1	TO	5	.23444

+
21
53
5
<----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .158

MIN RADIUS : .100

MEAN RADIUS : .825

MAX RADIUS : 1.895

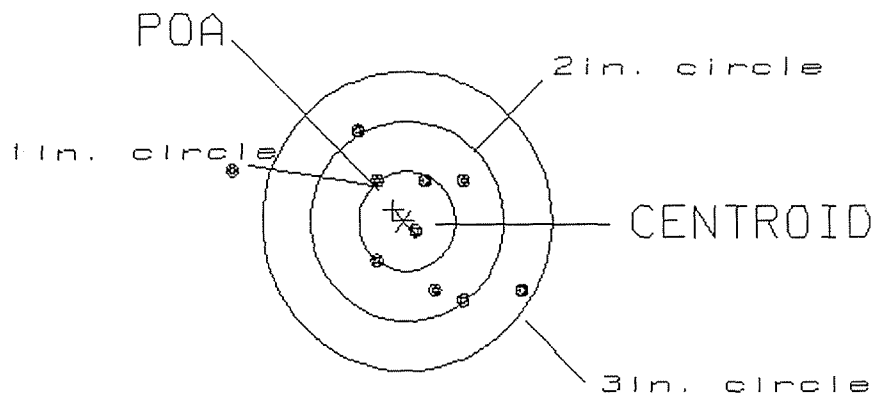
CENTROID X : .113

CENTROID Y : -.111

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225245

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.04

3

VS= 1.61

6

GS= 3.28

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .127

MIN RADIUS : .419

MEAN RADIUS : .843

MAX RADIUS : 1.431

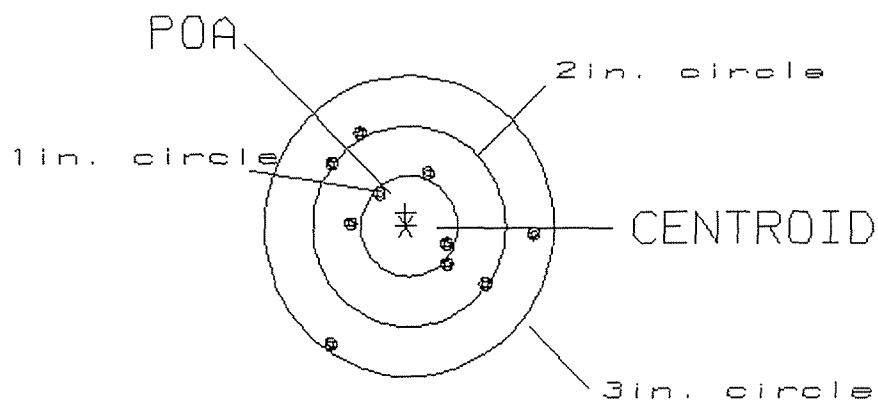
CENTROID X : .008

CENTROID Y : -.127

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225245

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.19

2

VS= 2.09

6

GS= 2.43

10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

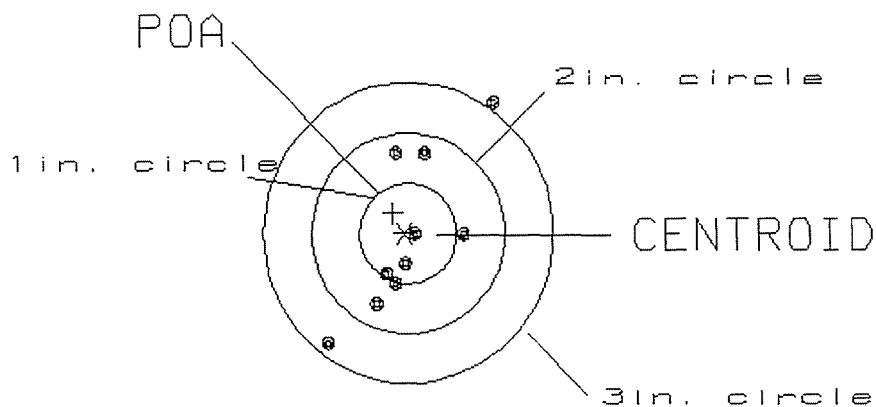
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .238
 MIN RADIUS : .091
 MEAN RADIUS : .714
 MAX RADIUS : 1.548
 CENTROID X : .127
 CENTROID Y : -.202

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225245

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.65

4

VS= 2.43

6

GS= 2.94

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

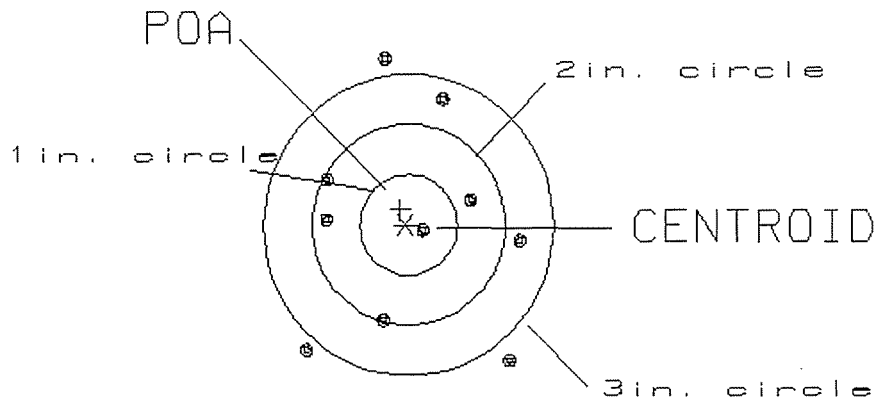
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .162
 MIN RADIUS : .188
 MEAN RADIUS : 1.117
 MAX RADIUS : 1.677
 CENTROID X : .054
 CENTROID Y : -.153

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225245

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.27

1

VS= 2.94

4

GS= 3.21

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .294

MIN RADIUS : .365

MEAN RADIUS : 1.012

MAX RADIUS : 1.626

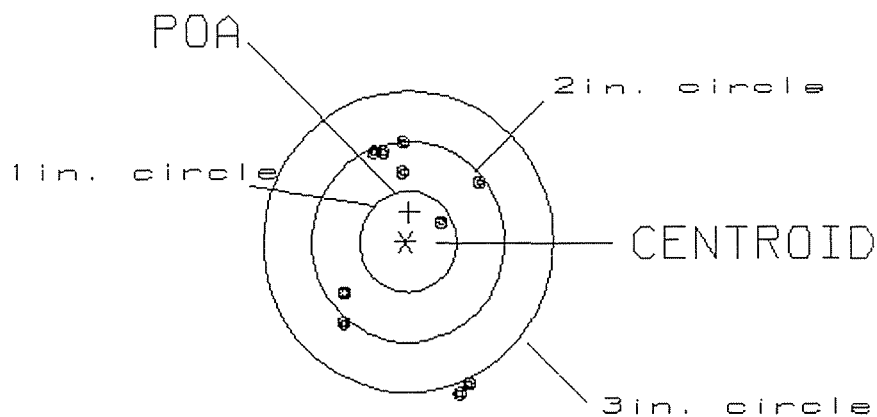
CENTROID X : -.036

CENTROID Y : -.292

1 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225245

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.47

1

VS= 2.50

6

GS= 2.64

8

Final Inspection

Sni. C-6225245	DATE REC'D: 1-22-01	DATE RET'D:
Auditor's		

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: _____
