

06349158

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

GUN SERIAL # C6349158

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	A
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action	10/31/89		KCR
	Magnaflux Bolt	10/31/89		KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		11-3-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11-10-89	AC
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11-10-89	K
	C) Inspect Ejector Hole for Chamfer		11-10-89	AC
	D) Oil Firing Pin Ass'y		11-10-89	K
	E) Adjust Trigger Pull to Min Setting and Stake		11-10-89	42

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	5	4	2	10/10/89	JS
	G) Safety Off Force	3	2	3	10/10/89	JS
	H) Trigger Pull Test & Retainability				10/10/89	JS
	I) Firing Pin Indent	.0020	.0205	.020	10/10/89	JS
	J) Assemble Stock				11-30-89	AC
	K) Assemble Swivel Studs				5 Dec 89	JS
	L) Attach Front and Rear Sight Assemblies				11-30-89	AC
	M) Iron Sight Alignment				11-30-89	AC
	N) Detach Front & Rear Sights & place in numbered container				11-30-89	AC
	O) Attach Scope to Rifle				20/10/89	JS
	P) Detach & Attach Scope 20 Times				30/10/89	JS
640	Gallery Target & Test				12-4-89	AC
	A) Time				12-4-89	AC
	B) Malfunctions				12-4-89	AC
	C) Pierced Primers				12-4-89	AC
	D) Optical Clarity of Scope				12-4-89	AC
645	Inspect for Live Ammo				12-4-89	AC
655	Final Inspection					
	A) Headspace				5 Dec 89	JS
	B) Trigger Pull	2.24	230	239	238 228	5 Dec 89 JS
	C) Function				5 Dec 89	JS
660	Pack				18 Dec 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. 55348864DATE 26 Sept 89TESTER EW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.42	2.39	2.31	2.46	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.37	2.42	2.39	
PULL #3	2.31	2.41	2.40	2.43	
PULL #4	2.34	2.39	2.37	2.44	
PULL #5	2.31	2.41	2.44	2.51	
TOTAL	11.62	11.97	11.94	12.23	
AVG.	2.324	2.394	2.388	2.446	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.98	3.04		
PULL #2	3.14	3.03		
PULL #3	3.12	3.04		
PULL #4	3.12	3.06		
PULL #5	3.09	3.05		
TOTAL	15.45	15.22		
AVG.	3.09	3.044		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.30		3.99
PULL #2	4.21	4.27		3.99
PULL #3	4.24	4.26		4.06
PULL #4	4.25	4.20		3.91
PULL #5	4.18	4.14		4.05
TOTAL	21.15	21.11		20.00
AVG.	4.23	4.222		4.00

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # C6349158
 4 Dec 1989

CENTROIDAL DISTANCES

0 TO	1	.521138
1 TO	2	.640715
1 TO	3	.245204
1 TO	4	.882046
1 TO	5	.785016

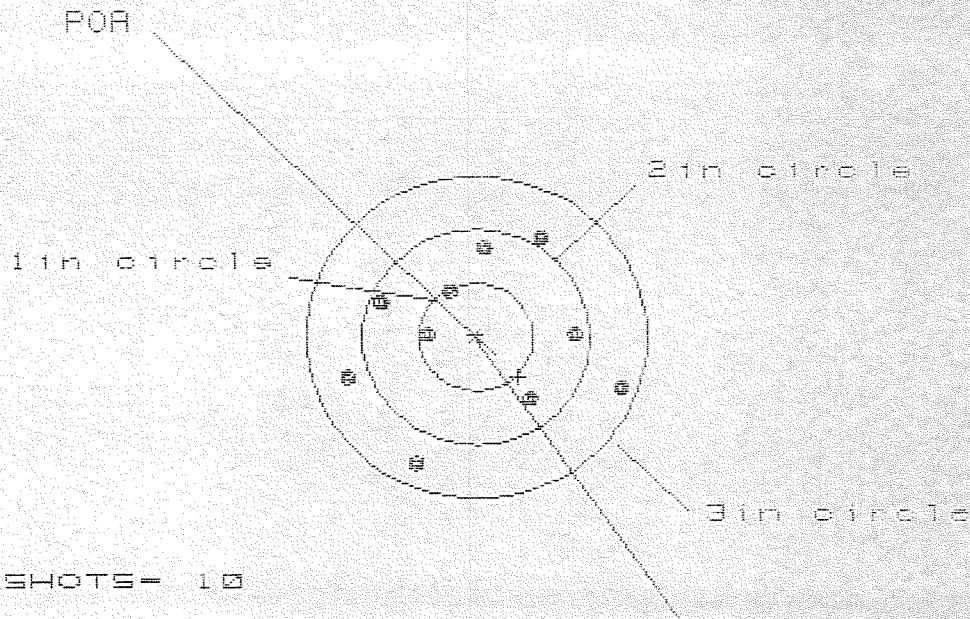
$\frac{b_2 + b_3}{2}$ (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.097
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0296
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .101416
 THE AMR FOR THIS RIFLE IS: .9664

4 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08349158

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS= 2.403

VS= 2.076

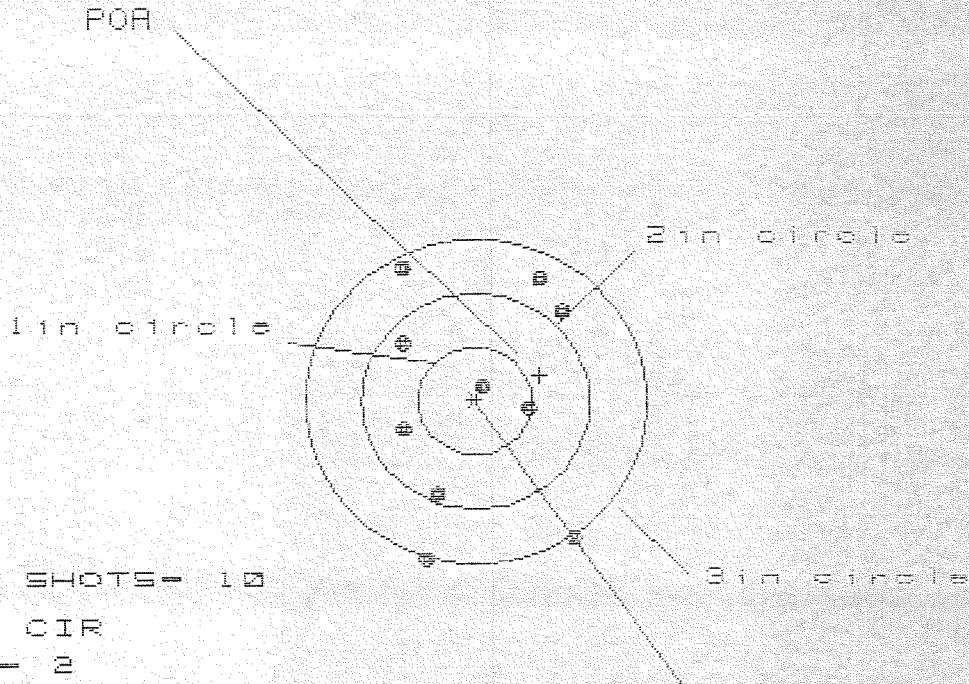
GS= 2.405

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.226	1.047	.917
MINIMUM X	-1.177	-1.041	-.875
MAXIMUM Y	.950	.895	.838
MINIMUM Y	-1.126	-1.181	-1.238
CENTROID X	-.368	-.504	-.374
CENTROID Y	.369	.424	.481
POA TO CENTROID in.	.521	.659	.609
MIN RADIUS	.458	.320	.393
MEAN RADIUS	.924	.855	.816
MAX RADIUS	1.323	1.236	1.332
HORIZONTAL SPREAD	2.403	2.088	1.792
VERTICAL SPREAD	2.076	2.076	2.076
EXTREME SPREAD	2.405	2.328	2.328
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

4 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6345158

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.539

VS= 2.622

GS= 2.884

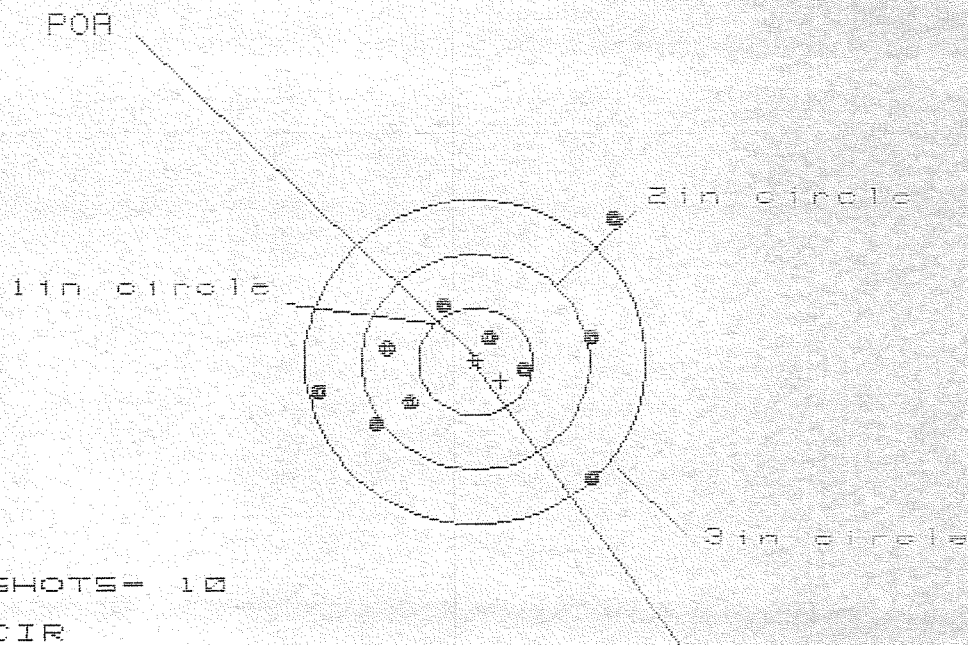
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.866	.851	.806
MINIMUM X	:	-.673	-.577	-.623
MAXIMUM Y	:	1.204	1.063	.868
MINIMUM Y	:	-1.418	-1.559	-1.165
CENTROID X	:	-.564	-.680	-.615
CENTROID Y	:	-.241	-.100	.095
POA TO CENTROID in.	:	.613	.668	.622
MIN RADIUS	:	.129	.125	.224
MEAN RADIUS	:	.981	.909	.820
MAX RADIUS	:	1.533	1.601	1.188
HORIZONTAL SPREAD	:	1.539	1.428	1.428
VERTICAL SPREAD	:	2.622	2.622	2.033
EXTREME SPREAD	:	2.884	2.753	2.142
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=		9	

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8349158

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.592

VS= 2.305

GS= 3.041

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.255	1.193	1.267
MINIMUM X	-1.337	-1.197	-1.048
MAXIMUM Y	1.281	.692	.582
MINIMUM Y	-1.024	-.882	-.537
CENTROID X	-.222	-.362	-.511
CENTROID Y	.172	.030	.140
POA TO CENTROID in.	.281	.363	.530
MIN RADIUS	.243	.442	.463
MEAN RADIUS	.946	.848	.743
MAX RADIUS	1.793	1.483	1.289
HORIZONTAL SPREAD	2.592	2.390	2.315
VERTICAL SPREAD	2.305	1.574	1.119
EXTREME SPREAD	3.041	2.495	2.372
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

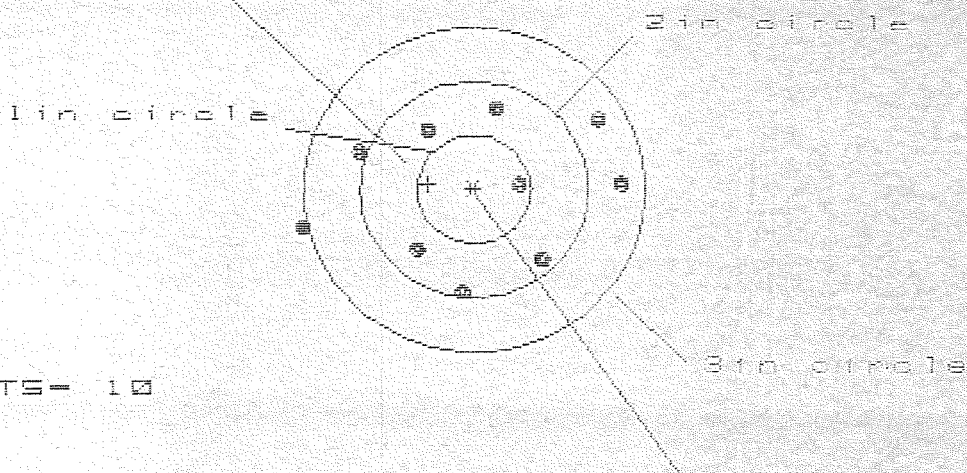
4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06349158

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.840

VS= 1.621

GS= 2.858

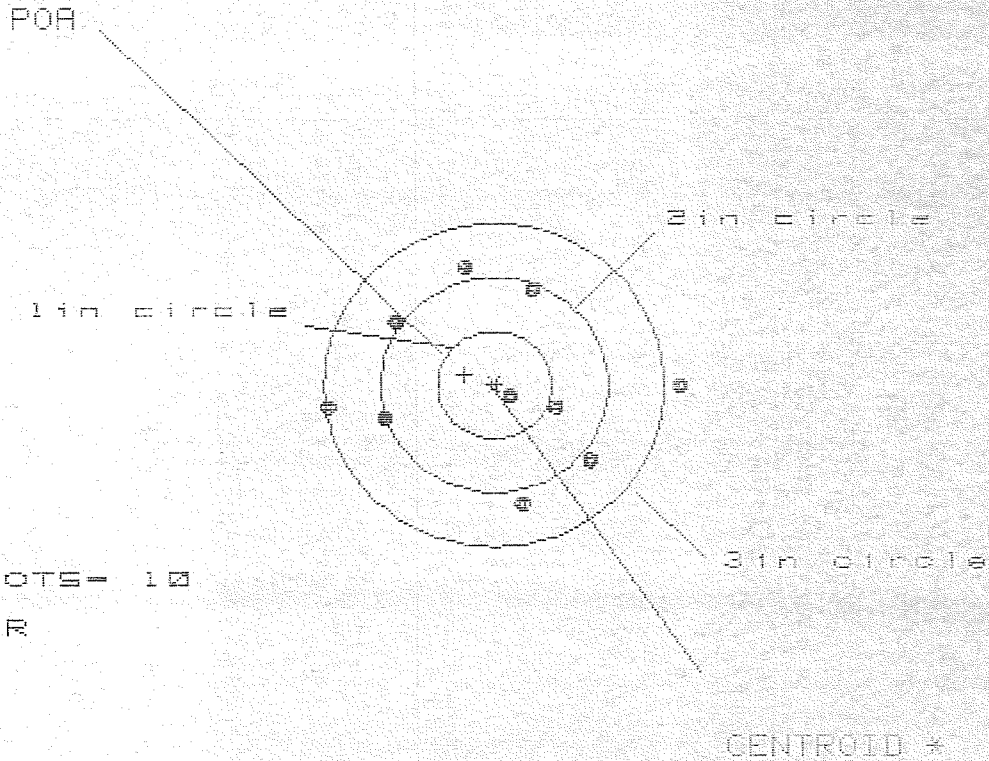
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.317	1.148	1.022
MINIMUM X	-1.523	-1.128	-.985
MAXIMUM Y	.717	.683	.681
MINIMUM Y	-.904	-.938	-.940
CENTROID X	.406	.575	.432
CENTROID Y	-.054	-.020	-.018
POA TO CENTROID in.	.410	.576	.432
MIN RADIUS	.405	.232	.373
MEAN RADIUS	.956	.871	.834
MAX RADIUS	1.553	1.171	1.215
HORIZONTAL SPREAD	2.840	2.276	2.007
VERTICAL SPREAD	1.621	1.621	1.621
EXTREME SPREAD	2.858	2.300	2.037
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

4 Dec 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8349158

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS= 3.083

VS= 2.195

GS= 3.090

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.614	1.045	.884
MINIMUM X	-1.469	-1.290	-.947
MAXIMUM Y	1.078	1.082	1.060
MINIMUM Y	-1.117	-1.113	-1.135
CENTROID X	.263	.084	.245
CENTROID Y	-.098	-.102	-.080
POA TO CENTROID in.	.281	.132	.258
MIN RADIUS	.143	.316	.167
MEAN RADIUS	1.025	.967	.897
MAX RADIUS	1.614	1.301	1.156
HORIZONTAL SPREAD	3.083	2.335	1.831
VERTICAL SPREAD	2.195	2.195	2.195
EXTREME SPREAD	3.090	2.400	2.250
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		3	
NUMBER IN THREE INCH CIRCLE =		9	

Remington



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

MODEL 700™ H24

SERIAL NO.
C6349158

ORDER NO.
5716

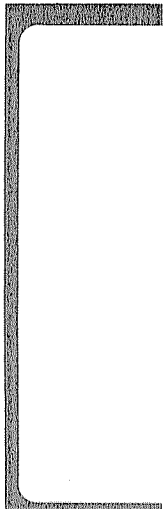
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01



5716 C6349158

UPC



Repair Number: **RE00021320** Serial: C6349158 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 1/22/01 10:23:33 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: Fair 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 2:42 PM NUM

Start Inbox Nagle Arms Explor Micros Assam Part Se Nordha 2:42 PM

Serial Number: **C6349158**

Model: **700**



RE00021320

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6349158
27 Feb 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .039
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0954
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .103064

THE AMR FOR THIS RIFLE IS: .8724

CENTROIDAL DISTANCES

0	TO	1	.0718401
1	TO	2	.20412
1	TO	3	.111005
1	TO	4	.320208
1	TO	5	.15842

2
3
5 4 <----POA

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .072

MIN RADIUS : .211

MEAN RADIUS : .675

MAX RADIUS : .982

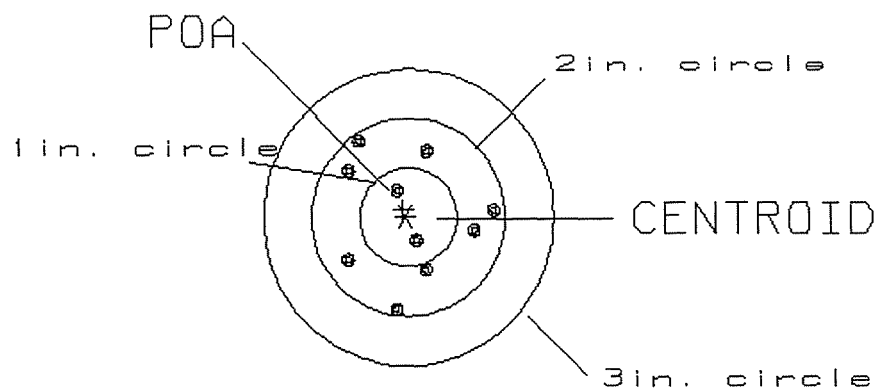
CENTROID X : .020

CENTROID Y : -.069

27 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349158

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.48

2

VS= 1.74

10

GS= 1.90

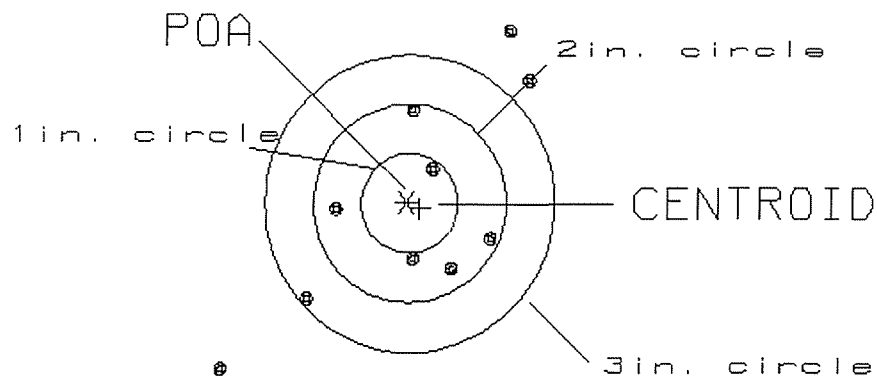
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PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .150
 MIN RADIUS : .388
 MEAN RADIUS : 1.200
 MAX RADIUS : 2.533
 CENTROID X : -.139
 CENTROID Y : .059

27 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349158

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.15

1

VS= 3.39

6

GS= 4.50

7

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .102

MIN RADIUS : .239

MEAN RADIUS : .792

MAX RADIUS : 1.396

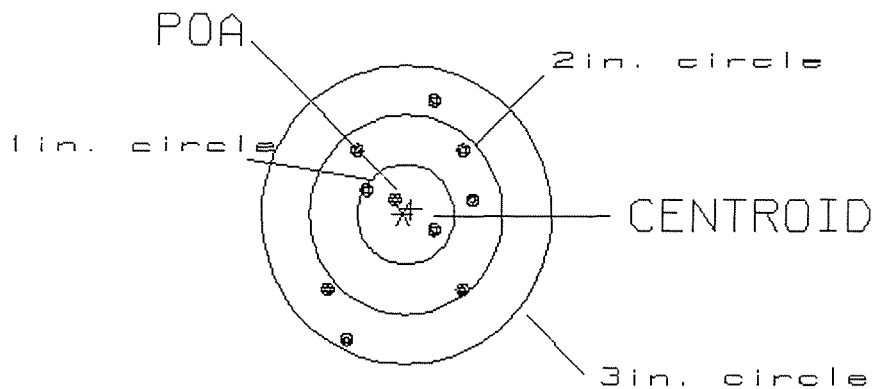
CENTROID X : -.089

CENTROID Y : -.048

27 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349158

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.44

3

VS= 2.36

7

GS= 2.54

10

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .373

MIN RADIUS : .217

MEAN RADIUS : .986

MAX RADIUS : 2.479

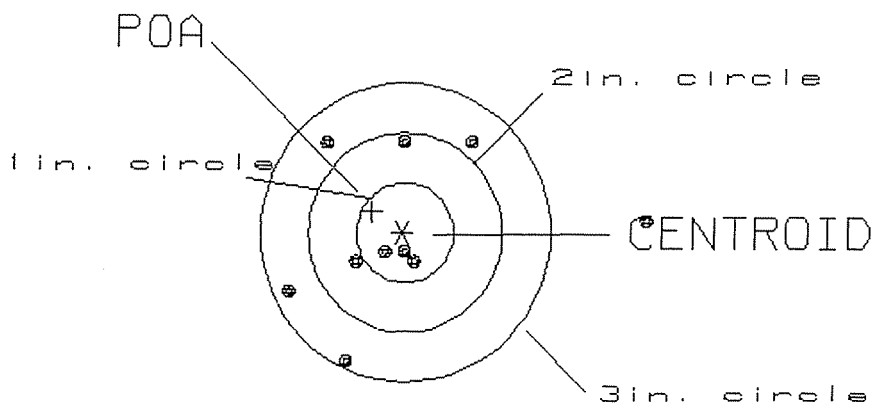
CENTROID X : .307

CENTROID Y : -.211

27 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349158

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.64

3

VS= 2.18

5

GS= 3.71

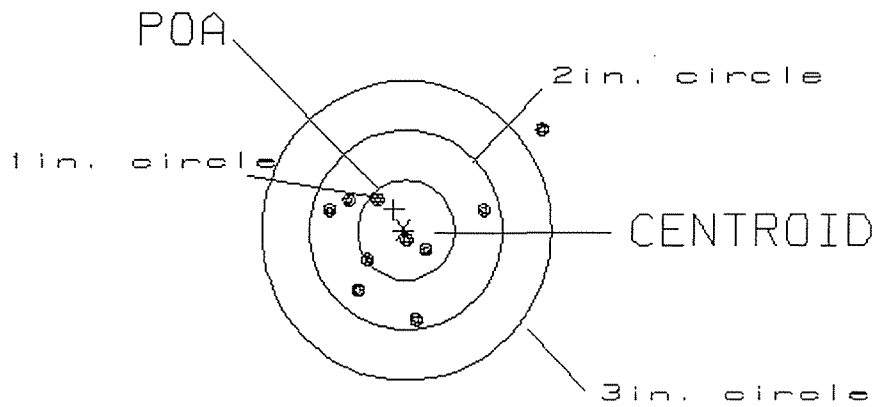
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PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .229
 MIN RADIUS : .139
 MEAN RADIUS : .709
 MAX RADIUS : 1.723
 CENTROID X : .096
 CENTROID Y : -.208

27 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6349158

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.19

4

VS= 1.89

9

GS= 2.49

9

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

R & E NUMBER 21320

SERIAL NUMBER C-6349158

LOG-IN DATE 1-22-01

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-27-01	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	1-30-01	CK
605	CHECK HEADSPACE	1-30-01	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	2-7-01	CK
655	FINAL INSPECT	2-12-01	CK
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

S.N. C-6349158

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

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:

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING