

C6348972

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.





RECORDS CONTROL SCHEDULE

RECORDS CATEGORY OR TITLE:

118 - REMINGTON ARMS GOALS & ACCOM-
PLISHMENTS

COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒

TOTAL RETENTION: MAX. 5 YEARS

GS-11050 Rev. 8/78

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

Remington®
REG. U.S. PAT. & TM. OFF.

MODEL 700™ M24

UPPONT

SERIAL NO.
C6348972

ORDER NO.
5716

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

01

5716 C6348972

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348972

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10-9	89	RW
600	Proof	10-9	89	AC.
607	Check Headspace	10-9	89	RW
610	Dis-assemble Gun	10-9	89	RW
612	Magnaflux Barrel Action		10/13/89	KCR
	Magnaflux Bolt		10/13/89	KCR
615	Rollmark Caliber		10/13/89	G.S.
7	Drill and Tap Sight Holes	10 1689		LB
618	Polish Barrel RB	10 1689		BT
620	Apply Coatings (Barrel Action)		10-27-89	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/30/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/30/89	RW
	C) Inspect Ejector Hole for Chamfer		10/30/89	RW
	D) Oil Firing Pin Ass'y		10/30/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/6/89	JS

BARBER - M24 0042944							
op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	5	5	5	10/31/89	928	
	G) Safety Off Force	4	4	4	10/31/89	928	
	H) Trigger Pull Test & Retainability				3/15/89	928	
	I) Firing Pin Indent	.022	.0215	.022	10/31/89	928	
	J) Assemble Stock				10/31/89	RW	
	K) Assemble Swivel Studs				6/15/89	928	
	L) Attach Front and Rear Sight Assemblies				10/31/89	RW	
	M) Iron Sight Alignment				10/31/89	RW	
	N) Detach Front & Rear Sights & place in numbered container				10/31/89	RW	
	O) Attach Scope to Rifle				11/1/89	928	
	P) Detach & Attach Scope 20 Times				11/1/89	928	
640	Gallery Target & Test				11-2-89	DH	
	A) Time				11-2-89	DH	
	B) Malfunctions				11-2-89	DH	
	C) Pierced Primers				11-2-89	DH	
	D) Optical Clarity of Scope				11-2-89	DH	
645	Inspect for Live Ammo				11-2-89	DH	
655	Final Inspection						
	A) Headspace				6/15/89	928	
	B) Trigger Pull	262	275	271	277	269	6/15/89
	C) Function				6/15/89	928	
660	Pack				14/10/89	928	

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

SERIAL NO. 8972DATE 3-22-90TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.43		2.60	MIN. SETTING,
PULL #2	2.35	2.40		2.58	NO AVG. OF 5
PULL #3	2.36	2.42		2.60	READINGS ACCEPT-
PULL #4	2.40	2.50		2.68	ABLE LESS THAN 2#
PULL #5	2.41	2.49		2.62	
TOTAL	11.83	12.24		13.14	
AVG.	2.366	2.448		2.628	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.24		
PULL #2	3.18	3.22		
PULL #3	3.22	3.19		
PULL #4	3.20	3.20		
PULL #5	3.21	3.23		
TOTAL	16.03	16.08		
AVG.	3.206	3.216		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.20		
PULL #2	4.24	4.22		
PULL #3	4.21	4.25		
PULL #4	4.19	4.22		
PULL #5	4.20	4.40		
TOTAL	21.09	21.29		
AVG.	4.218	4.258		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348972
2 Nov 1989

CENTROIDAL DISTANCES

0 TO	1	.298391
1 TO	2	.557159
1 TO	3	.213974
1 TO	4	.311464
1 TO	5	.178281

152 <----POA

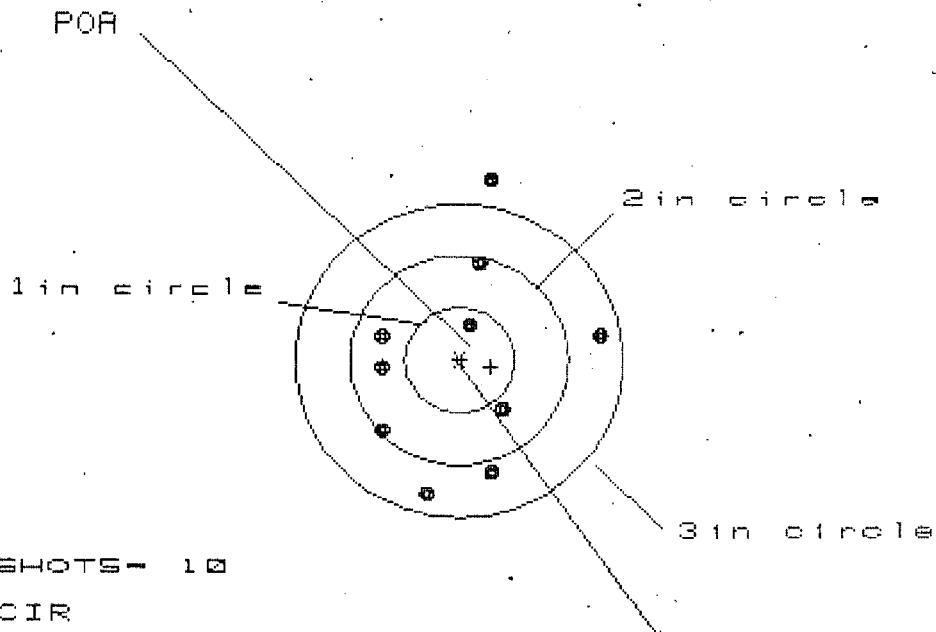
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1594
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0726
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .175155

THE AMR FOR THIS RIFLE IS: .9042

2 Nov 1989

FILE: \PATTERNING\CENTERFIRE_PATT\CG348972

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS = 2.043

VS = 2.959

GS = 3.013

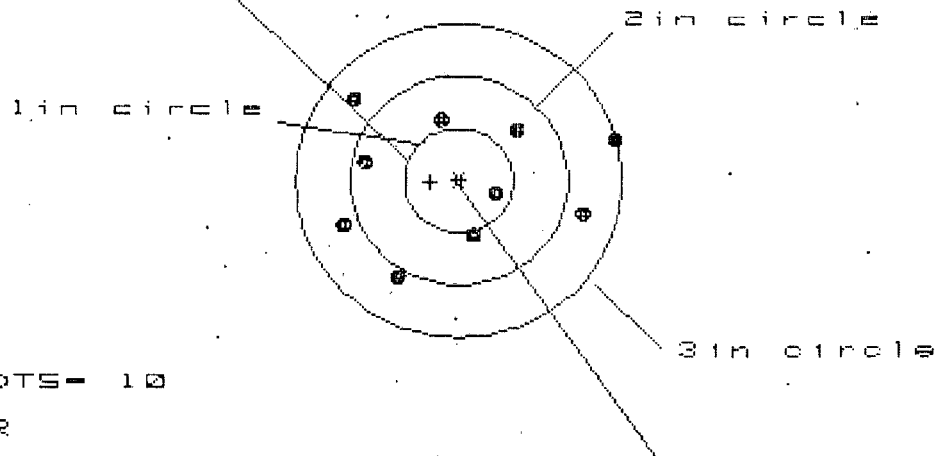
PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.302	1.333	.561
MINIMUM X	:	-.741	-.710	-.544
MAXIMUM Y	:	1.735	1.166	1.221
MINIMUM Y	:	-1.224	-1.031	-.976
CENTROID X	:	-.291	-.322	-.488
CENTROID Y	:	.066	-.127	-.182
POA TO CENTROID in.	:	.299	.346	.521
MIN RADIUS	:	.350	.486	.563
MEAN RADIUS	:	.988	.888	.802
MAX RADIUS	:	1.757	1.405	1.275
HORIZONTAL SPREAD	:	2.043	2.043	1.105
VERTICAL SPREAD	:	2.959	2.197	2.197
EXTREME SPREAD	:	3.013	2.244	2.244
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

2 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0634B972

CENTERFIRE PATTERNS # 2

POA



OF SHOTS - 10

IN CIR

1in - 1

2in - 5

3in = 10

HS= 2.492

VS= 1.756

GS= 2.623

CENTROID #

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.431	1.305	1.208
MINIMUM X	-1.061	-.902	-.999
MAXIMUM Y	.791	.836	.724
MINIMUM Y	-.965	-.920	-.815
CENTROID X	.264	.105	.202
CENTROID Y	.017	-.028	-.133
POA TO CENTROID in.	.264	.108	.242
MIN RADIUS	.327	.465	.358
MEAN RADIUS	.915	.847	.796
MAX RADIUS	1.488	1.340	1.224
HORIZONTAL SPREAD	2.492	2.207	2.207
VERTICAL SPREAD	1.756	1.756	1.539
EXTREME SPREAD	2.623	2.373	2.208
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

2 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348972

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in - 2

2 in - 5

3 in = 7

HS = 2.666

VS = 2.417

GS = 3.173

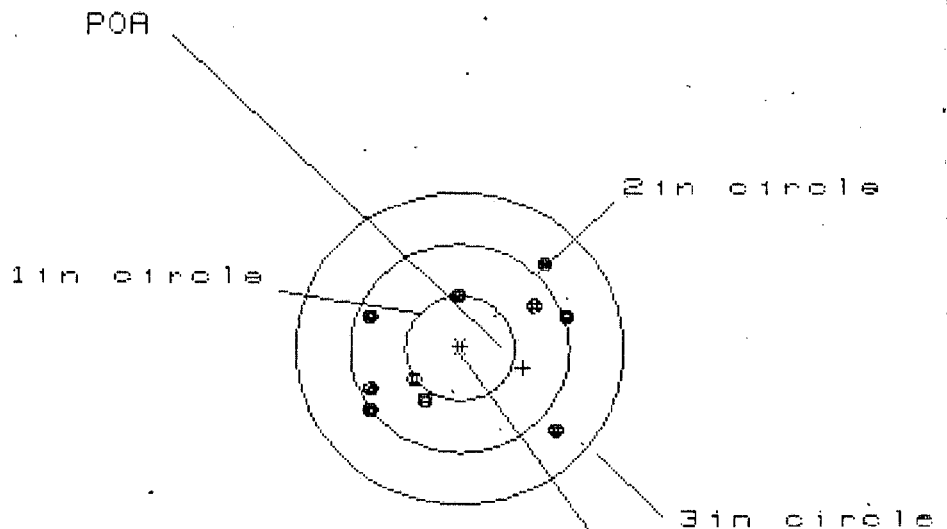
CENTROID *

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.150	1.275	1.174
MINIMUM X	-1.516	-1.391	-1.492
MAXIMUM Y	1.205	1.074	.939
MINIMUM Y	-1.212	-1.078	-.838
CENTROID X	-.079	-.204	-.103
CENTROID Y	.037	-.097	.038
POA TO CENTROID in.	.087	.226	.109
MIN RADIUS	.271	.175	.248
MEAN RADIUS	1.043	.956	.903
MAX RADIUS	1.647	1.456	1.496
HORIZONTAL SPREAD	2.666	2.666	2.666
VERTICAL SPREAD	2.417	2.152	1.777
EXTREME SPREAD	3.173	2.827	2.827
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

2 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348972

CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 7

3 in - 10

HS - 1.853

VS - 1.582

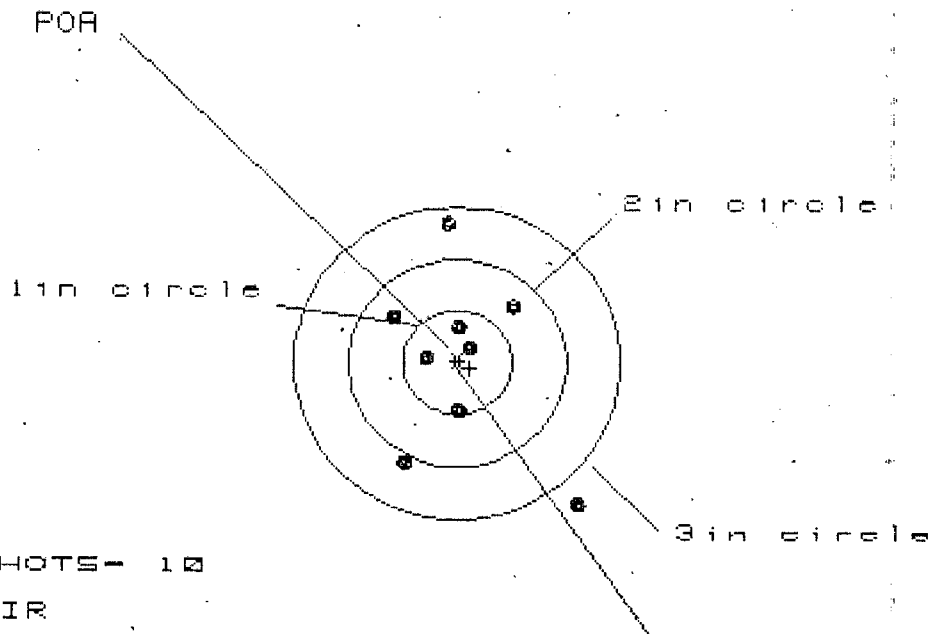
GS - 2.124

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.984	1.074	1.192
MINIMUM X	-.869	-.779	-.661
MAXIMUM Y	.822	.585	.501
MINIMUM Y	-.760	-.669	-.541
CENTROID X	-.578	-.668	-.786
CENTROID Y	.187	.095	.179
POA TO CENTROID in.	.608	.675	.806
MIN RADIUS	.496	.420	.381
MEAN RADIUS	.854	.799	.731
MAX RADIUS	1.155	1.154	1.238
HORIZONTAL SPREAD	1.853	1.853	1.853
VERTICAL SPREAD	1.582	1.254	1.042
EXTREME SPREAD	2.124	1.998	1.998
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	10		

2 Nov 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348372

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HGT = 1.619

VSP = 2.669

ESP = 2.904

PATTERN #

5

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.080	.597	.604
MINIMUM X	-.539	-.419	-.412
MAXIMUM Y	1.309	1.158	.491
MINIMUM Y	-1.360	-1.136	-.991
CENTROID X	-.113	-.233	-.240
CENTROID Y	.056	.207	.062
POA TO CENTROID in.	.126	.311	.247
MIN RADIUS	.217	.189	.154
MEAN RADIUS	.721	.571	.499
MAX RADIUS	1.736	1.210	1.072
HORIZONTAL SPREAD	1.619	1.016	1.016
VERTICAL SPREAD	2.669	2.294	1.482
EXTREME SPREAD	2.904	2.342	1.795
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

Repair Number: RE00021313		Serial: C6348972 Model 700 Center Fire Caliber 7.62 NATO M 24 (SWS)		Repastrman:																													
Verify Repair				Status:	Closed 1/22/01 10:30:05 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		PO Box																														
City:	FORT CARSON		FORT CARSON																														
State:	CO	Zip Code:	80913	Country:	US																												
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FPL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																																	
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A016	Scope Mounts	1																															
A017	Scope Base	1																															
A026	Scope	1																															
Repair Search		Refresh		Close																													

Number: **C6348972**

Model: 700



RE00021313

BARBER - M24 0042953

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348972
27 Feb 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1622

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.127

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .206004

THE AMR FOR THIS RIFLE IS: 1.113

CENTROIDAL DISTANCES

0	TO	1	.434871
1	TO	2	.51339
1	TO	3	.351454
1	TO	4	.491753
1	TO	5	.451908

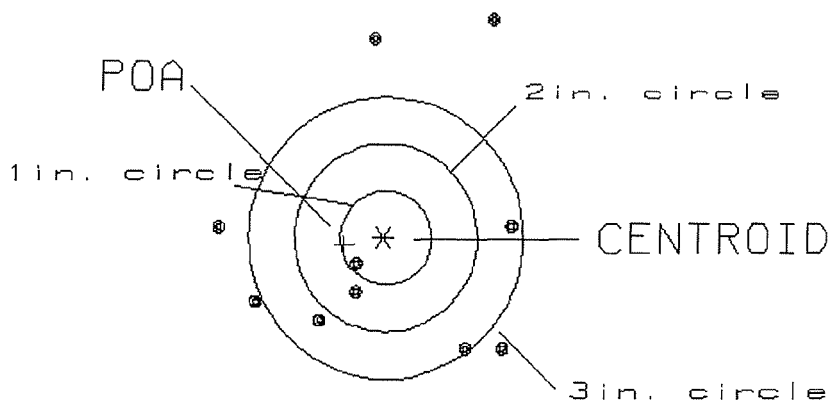
2+ 1 <----POA
5³
4

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .434
 MIN RADIUS : .446
 MEAN RADIUS : 1.494
 MAX RADIUS : 2.608
 CENTROID X : .428
 CENTROID Y : .077

27 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348972

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.26

1

VS= 3.50

2

GS= 3.98

5

BARBER - M24 0042955

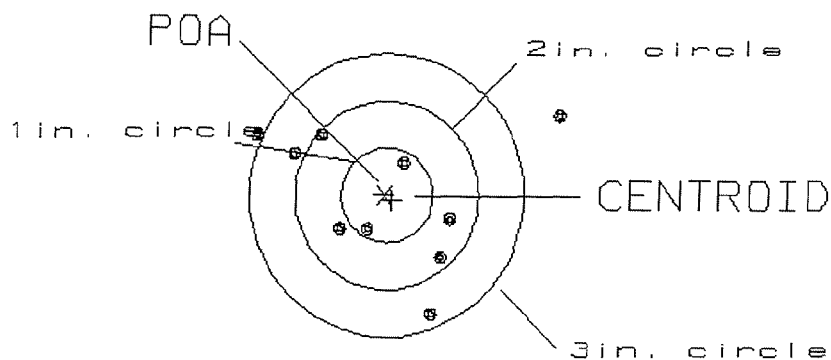
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
POA TO CENTROID: .102
MIN RADIUS : .383
MEAN RADIUS : 1.010
MAX RADIUS : 2.092
CENTROID X : -.085
CENTROID Y : .057

27 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348972

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 3.32

2

VS= 2.13

6

GS= 3.33

8

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .271

MIN RADIUS : .173

MEAN RADIUS : 1.200

MAX RADIUS : 1.900

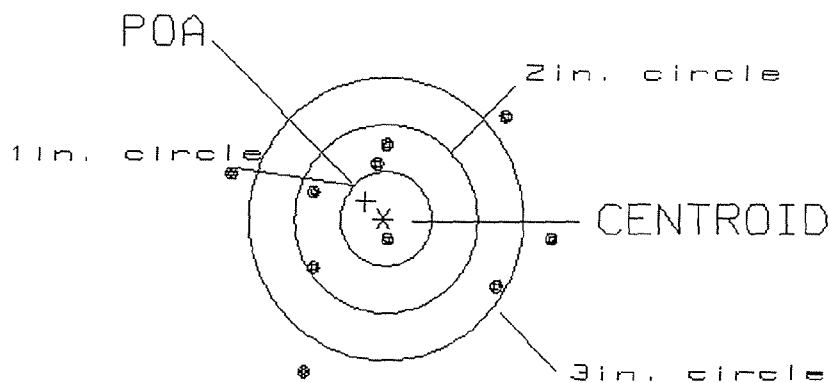
CENTROID X : .196

CENTROID Y : -.187

27 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348972

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.54

1

VS= 2.75

5

GS= 3.61

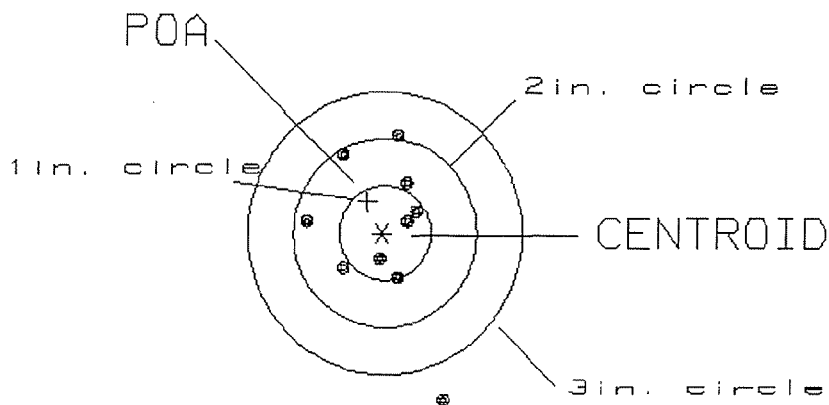
6

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .369
 MIN RADIUS : .269
 MEAN RADIUS : .733
 MAX RADIUS : 1.875
 CENTROID X : .158
 CENTROID Y : -.334

27 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348972

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.50

4

VS= 2.79

6

GS= 2.83

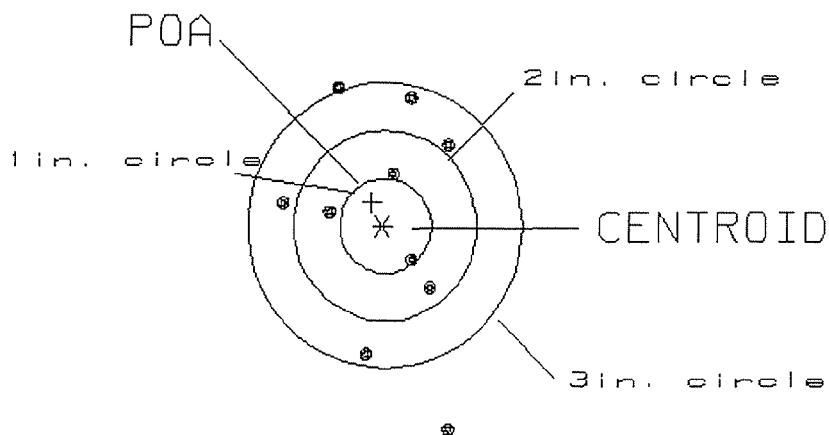
9

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .272
 MIN RADIUS : .470
 MEAN RADIUS : 1.127
 MAX RADIUS : 2.248
 CENTROID X : .114
 CENTROID Y : -.248

27 Feb 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348972

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.83
 VS= 3.62
 GS= 3.83

1
 4
 8

Final Inspection

Sn: C-6348972

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>21313</u>			
SERIAL NUMBER <u>C-6348972</u>			
LOG-IN DATE <u>1-22-01</u>			
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	