

C6348856

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Speed^{III}
No. 2-152-51

Remington®  REG. U.S. PAT. & TM. OFF.

MODEL 700™ H24

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

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

SERIAL NO.
C6348856

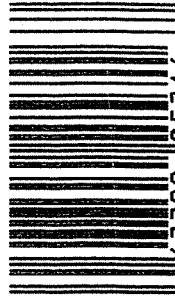
ORDER NO.
5716

Ø1



5716 C6348856

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348856

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 11	89	RW
600	Proof	8 11	89	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		8/15/89	KCR
	Magnaflux Bolt		8/15/89	KCR
615	Rollmark Caliber		8/15/89	SL
7	Drill and Tap Sight Holes	8 16	89	
618	Polish Barrel RB	8 16	89	
620	Apply Coatings (Barrel Action)		8/21/89	RW
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/21/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/21/89	RW
	C) Inspect Ejector Hole for Chamfer		8/21/89	RW
	D) Oil Firing Pin Ass'y		8/21/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/22/89	RW

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5 3/4			8/22/89	WB
	G) Safety Off Force	3	3	3			8/22/89	WB
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent	.023	.0215	.0225			8/22/89	WB
	J) Assemble Stock						8/22/89	RW
	K) Assemble Swivel Studs						23 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/22/89	RW
	M) Iron Sight Alignment						8/22/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/22/89	RW
	O) Attach Scope to Rifle						8/22/89	WB
	P) Detach & Attach Scope 20 Times						8/22/89	WB
640	Gallery Target & Test	73	79	79			8-23-89	AC
	A) Time						8-23-89	AC
	B) Malfunctions						8-23-89	AC
	C) Pierced Primers						8-23-89	AC
	D) Optical Clarity of Scope						8-23-89	AC
645	Inspect for Live Ammo						8-23-89	AC
655	Final Inspection							
	A) Headspace						23 Aug 89	JS
	B) Trigger Pull	2.72	2.83	2.88	2.77	2.81	23 Aug 89	JS
	C) Function						23 Aug 89	JS
660	Pack						20 Sept 89	JS

repaired stock at front Serial 13 Sept 89

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6348856

DATE 4/12/90

TESTER JLP

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.40		2.17	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.40	2.56		2.18	
PULL #3	2.43	2.45		2.28	
PULL #4	2.41	2.31		2.30	
PULL #5	2.40	2.39		2.18	
TOTAL	12.09	12.11		11.11	
AVG.	2.418	2.422		2.222	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.28		
PULL #2	3.05	3.26		
PULL #3	3.11	3.39		
PULL #4	3.24	3.38		
PULL #5	3.34	3.09		
TOTAL	16.26	16.40		
AVG.	3.232	3.28		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.32	4.28		
PULL #2	4.10	4.30		
PULL #3	4.37	4.35		
PULL #4	4.31	4.36		
PULL #5	4.35	4.23		
TOTAL	21.45	21.52		
AVG.	4.29	4.304		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348856
23 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.297357
1 TO	2	.478067
1 TO	3	.301811
1 TO	4	.300137
1 TO	5	.420315

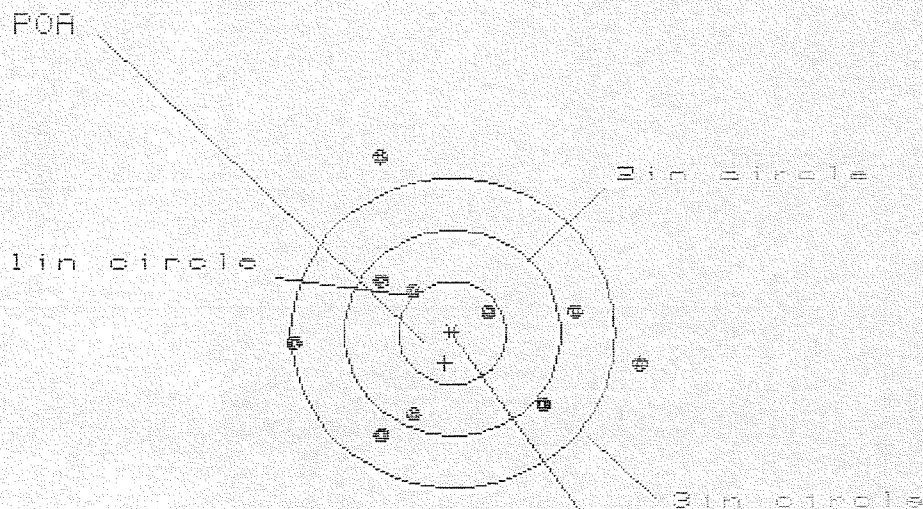
$\frac{3}{5} \frac{1}{2}$ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .06
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1308
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .143905
THE AMR FOR THIS RIFLE IS: 1.072

23 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340856

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 8

HS= 3.201

VS= 2.692

GS= 3.205

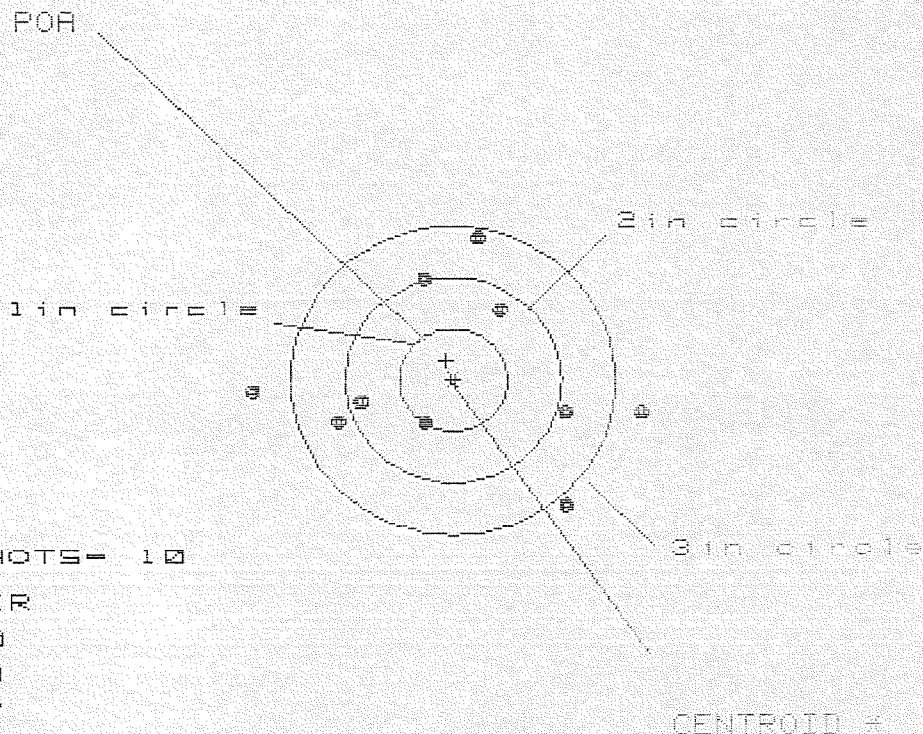
CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.754	1.685	1.297
MINIMUM X	-1.447	-1.516	-1.205
MAXIMUM Y	1.670	.668	.658
MINIMUM Y	-1.022	-.836	-.846
CENTROID X	.070	.139	-.072
CENTROID Y	.289	.103	.112
POA TO CENTROID in.	.297	.173	.134
MIN RADIUS	.385	.454	.599
MEAN RADIUS	1.113	1.037	.938
MAX RADIUS	1.782	1.687	1.341
HORIZONTAL SPREAD	3.201	3.201	2.602
VERTICAL SPREAD	2.692	1.504	1.504
EXTREME SPREAD	3.205	3.205	2.617
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

23 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/0834B056

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 7

HS= 3.607

VS= 2.564

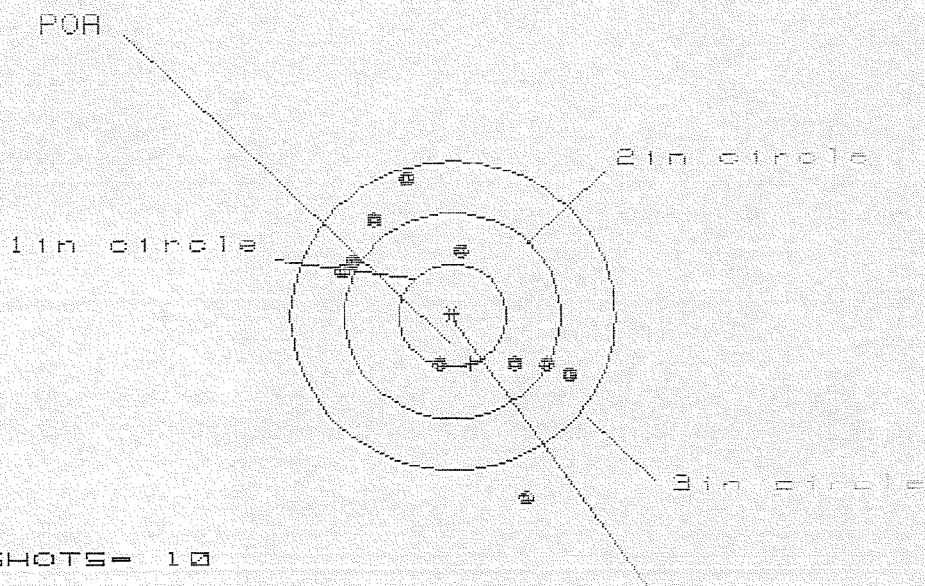
GS= 3.612

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.701	1.489	1.024
MINIMUM X	:	-1.906	-1.311	-1.125
MAXIMUM Y	:	1.381	1.365	1.322
MINIMUM Y	:	-1.103	-1.199	-1.242
CENTROID X	:	.062	.274	.088
CENTROID Y	:	-.189	-.173	-.130
POB TO CENTROID in.	:	.199	.324	.157
MIN RADIUS	:	.506	.655	.570
MEAN RADIUS	:	1.213	1.131	1.060
MAX RADIUS	:	1.912	1.528	1.610
HORIZONTAL SPREAD	:	3.607	2.800	2.149
VERTICAL SPREAD	:	2.564	2.564	2.564
EXTREME SPREAD	:	3.612	2.802	2.683
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

23 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C634B856

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 2.104

VS= 3.093

GS= 3.308

CENTROID #

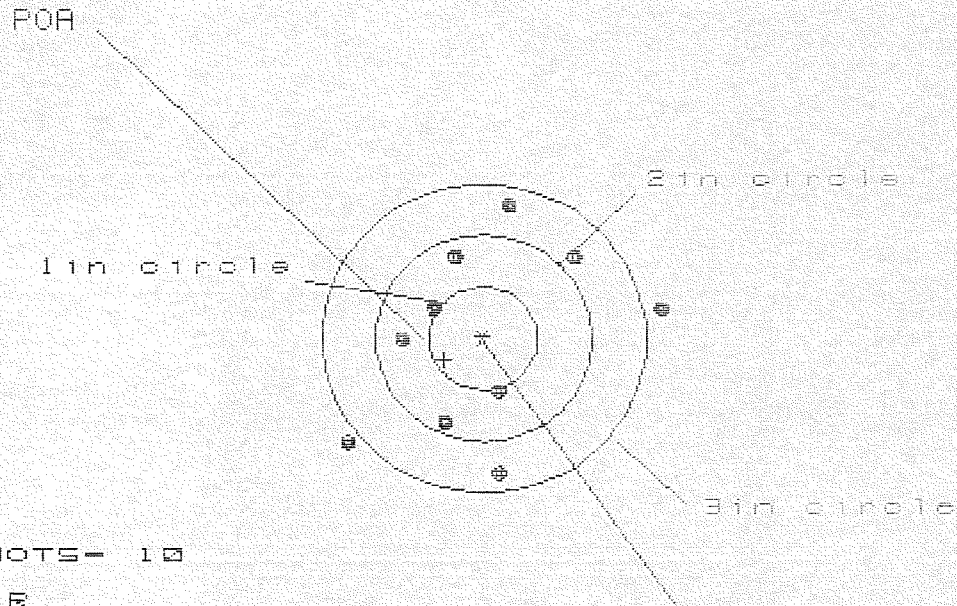
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.087	1.167	1.121
MINIMUM X	:	-1.017	-.937	-.983
MAXIMUM Y	:	1.304	1.105	.848
MINIMUM Y	:	-1.789	-.792	-.654
CENTROID X	:	-.173	-.253	-.207
CENTROID Y	:	.468	.667	.529
POA TO CENTROID in.	:	.499	.713	.568
MIN RADIUS	:	.462	.480	.508
MEAN RADIUS	:	1.077	.962	.932
MAX RADIUS	:	1.929	1.410	1.298
HORIZONTAL SPREAD	:	2.104	2.104	2.104
VERTICAL SPREAD	:	3.093	1.897	1.502
EXTREME SPREAD	:	3.308	2.442	2.341
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	3		
NUMBER IN THREE INCH CIRCLE	=	9		

23 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340856

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 2.871

VS= 2.575

GS= 3.145

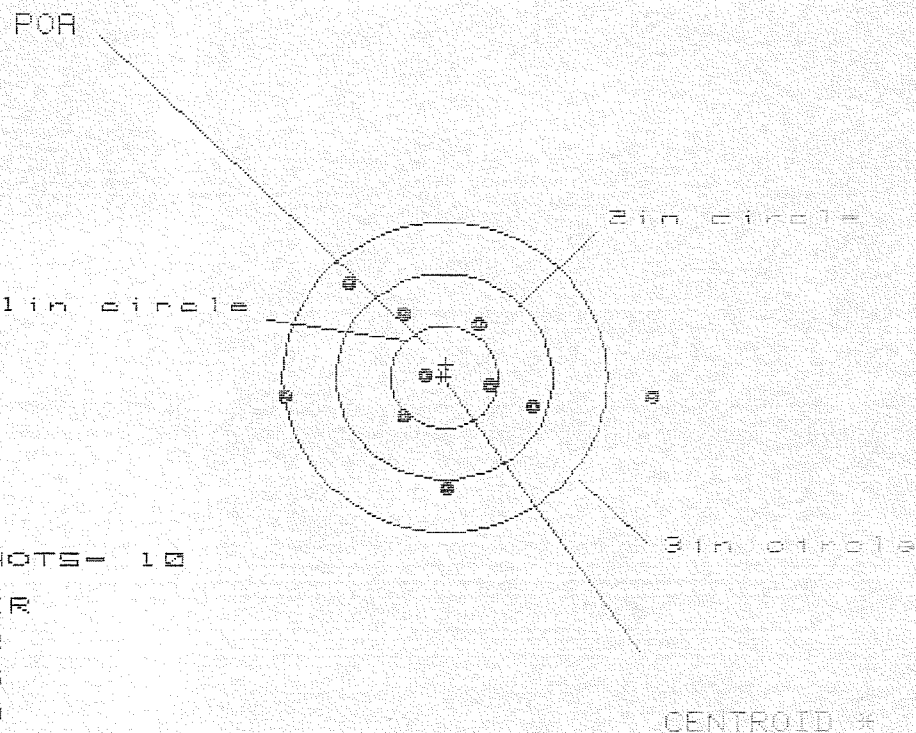
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	9
MAXIMUM X	:	1.599	1.057	.920
MINIMUM X	:	-1.272	-1.094	-.672
MAXIMUM Y	:	1.309	1.344	1.229
MINIMUM Y	:	-1.266	-1.231	-1.346
CENTROID X	:	.359	.181	.318
CENTROID Y	:	.208	.173	.288
POA TO CENTROID in.	:	.415	.250	.429
MIN RADIUS	:	.510	.396	.446
MEAN RADIUS	:	1.044	.950	.895
MAX RADIUS	:	1.632	1.433	1.359
HORIZONTAL SPREAD	:	2.871	2.151	1.592
VERTICAL SPREAD	:	2.575	2.575	2.575
EXTREME SPREAD	:	3.145	2.786	2.577
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

23 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348356

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 3.371

VS= 1.989

GS= 3.371

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.888	.996	.837
MINIMUM X	:	-1.483	-1.273	-.860
MAXIMUM Y	:	.950	.926	.896
MINIMUM Y	:	-1.039	-1.063	-1.093
CENTROID X	:	-.018	-.228	-.069
CENTROID Y	:	-.122	-.098	-.068
POA TO CENTROID in.	:	.123	.248	.097
MIN RADIUS	:	.239	.047	.180
MEAN RADIUS	:	.912	.779	.710
MAX RADIUS	:	1.901	1.295	1.242
HORIZONTAL SPREAD	:	3.371	2.269	1.697
VERTICAL SPREAD	:	1.989	1.989	1.989
EXTREME SPREAD	:	3.371	2.269	2.187
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSF Tools Reports Table Maintenance System Maintenance Help

Repair Number: **RE00022075** Serial: C6348856 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 1/31/01 11:42:25 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: TRANS OFFICER

Address 1: CRP

Address 2: BLDG 5207 PD Box:

City: FORT CAMPBELL

State: KY Zip Code: 52223 Country: US

State: KY Zip Code: 52223 Country: US

FPL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information:

Phone:

Fax:

Email:

Comments:

Received Condition:

Fail:

Condition Notes:

CSR Notes:

Accessories Received:

Code	Desc	Qty
AD07	With Stud	1
AD10	Hard Case	1
AD17	Scope Base	1
X	BI POD	1

Repair Search Refresh Close

haglet 1/31/01 1:35 PM NUM

Start End New M E A S B P S B S B W 1:35 PM

Serial Number: **C6348856**

Model: **700**



RE00022075

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348856
13 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0964
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1472
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .175957

THE AMR FOR THIS RIFLE IS: 1.078

CENTROIDAL DISTANCES

0	TO	1	.185456
1	TO	2	.121495
1	TO	3	.461027
1	TO	4	.105802
1	TO	5	.329079

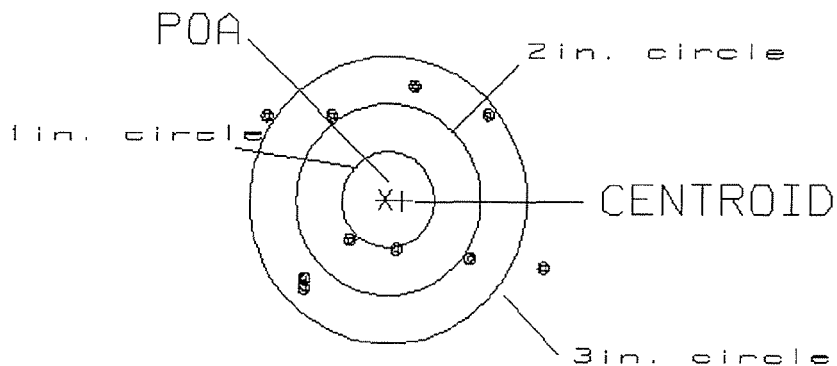
3
5
14+ <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .186
 MIN RADIUS : .488
 MEAN RADIUS : 1.162
 MAX RADIUS : 1.858
 CENTROID X : -.185
 CENTROID Y : .013

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348856.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.98
 VS= 2.09
 GS= 3.42

1
 2
 8

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .065

MIN RADIUS : .075

MEAN RADIUS : .756

MAX RADIUS : 1.287

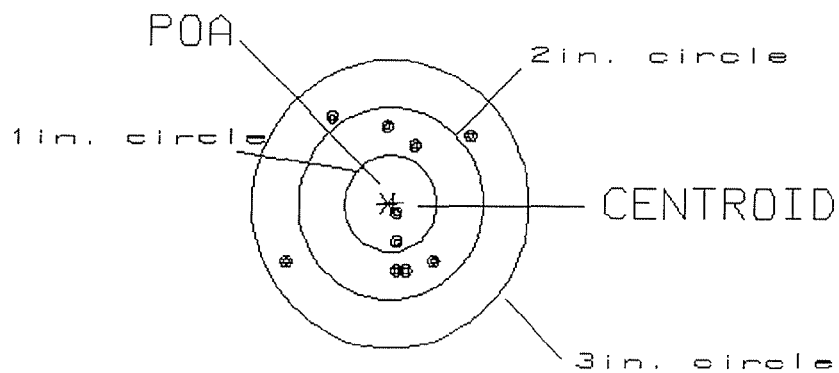
CENTROID X : -.065

CENTROID Y : -.006

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340056.1.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.96

2

VS= 1.61

7

GS= 2.39

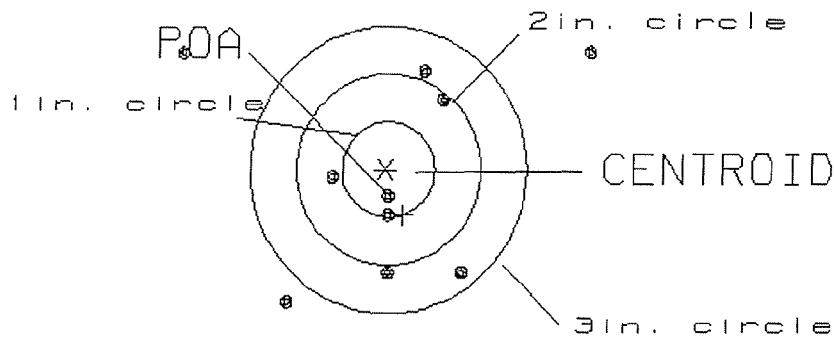
10

PATTERN #: 3
 POA TO CENTROID: .511
 MIN RADIUS : .246
 MEAN RADIUS : 1.246
 MAX RADIUS : 2.501
 CENTROID X : -.190
 CENTROID Y : .474

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348856.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 4.35
 VS= 2.60
 GS= 4.35

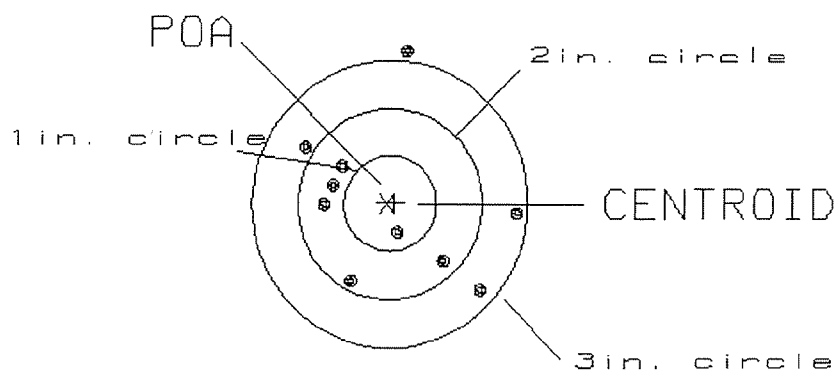
2
 4
 7

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .080
 MIN RADIUS : .309
 MEAN RADIUS : .948
 MAX RADIUS : 1.582
 CENTROID X : -.080
 CENTROID Y : 0.000

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348856.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.31
 VS= 2.52
 GS= 2.66

1
 6
 9

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .258

MIN RADIUS : .734

MEAN RADIUS : 1.277

MAX RADIUS : 2.403

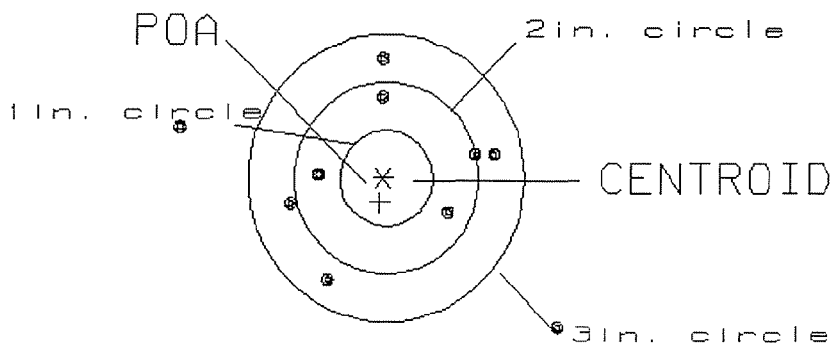
CENTROID X : .038

CENTROID Y : .255

13 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348856.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.07

0

VS= 2.81

3

GS= 4.57

8

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

R & E NUMBER <u>22075</u>			
SERIAL NUMBER <u>C-6348856</u>			
LOG-IN DATE <u>1-31-01</u>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-2-01	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	2-12-01	CK
605	CHECK HEADSPACE	2-12-01	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	3-13-01	CK
655	FINAL INSPECT	3-15-01	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

S/N: C-634885C

DATE REC'D: 1-31-01

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: