

C6522291

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

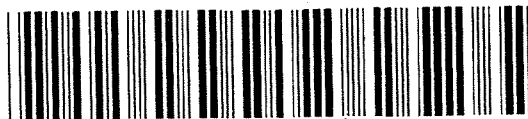
*Includes 1 in chamber.



Arms Services Repair & Estimate System																							
File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help																							
Repair Inquiry																							
Repair Number: RE00023073		Serial: C6522291 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)		Repairman:																			
Verify Repair				Status: Closed 2/16/01 10:07:23 AM																			
- Address Information																							
Customer: ☒ Received From		Return To: ☐ Received From																					
Name: C CO SPT BN		C CO SPT BN																					
Address 1: USA JFK SWCS		USA JFK SWCS																					
Address 2: PD Box:		PD Box:																					
City: FT BRAGG		FT BRAGG																					
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 Country: US																					
FPL:																							
Contact / Condition		Problems		Estimate																			
History / Status		Shipping / Billing																					
Contact Information		Received Condition		Accessories Received																			
Phone:		Poor		<table border="1"><thead><tr><th>Code</th><th>Desc</th><th>Qty</th></tr></thead><tbody><tr><td>A007</td><td>With Stud</td><td>1</td></tr><tr><td>A008</td><td>With Swivel</td><td>1</td></tr><tr><td>A016</td><td>Scope Mounts</td><td>1</td></tr><tr><td>A017</td><td>Scope Base</td><td>1</td></tr><tr><td>A026</td><td>Scope</td><td>1</td></tr></tbody></table>		Code	Desc	Qty	A007	With Stud	1	A008	With Swivel	1	A016	Scope Mounts	1	A017	Scope Base	1	A026	Scope	1
Code	Desc	Qty																					
A007	With Stud	1																					
A008	With Swivel	1																					
A016	Scope Mounts	1																					
A017	Scope Base	1																					
A026	Scope	1																					
Fax:		Condition Notes:																					
Email:		CSR Notes:																					
Comments:																							
Repair Search		Refresh		Close																			
nagle 2/17/01 7:43 AM CAPS NUM WS SCRL																							
Start NIST... Inbox... Explor... Part S... SAPL... Arm... Nagle... New 7:43 AM																							

Serial Number: C652229 1

Model: 700



RE00023073

BARBER - M24 0004665

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6522291

2 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0138

THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0236

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0273386

THE AMR FOR THIS RIFLE IS: 1.078

CENTROIDAL DISTANCES

0 TO	1	.34389
1 TO	2	.499376
1 TO	3	.552161
1 TO	4	.402892
1 TO	5	.314384

2
1 54³ <----POA

BARBER - M24 0004666

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .344

MIN RADIUS : .523

MEAN RADIUS : 1.379

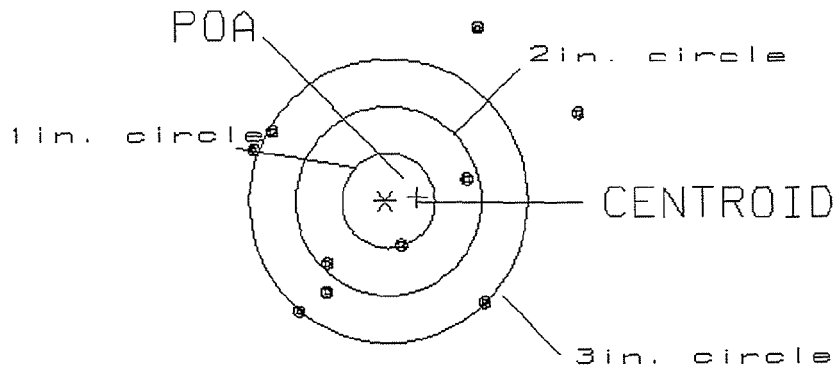
MAX RADIUS : 2.240

CENTROID X : -.342

CENTROID Y : -.036

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522291

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 3.51

0

VS= 3.02

3

GS= 3.62

7

BARBER - M24 0004667

REMINGTON CENTERFIRE ACCURACY TEST

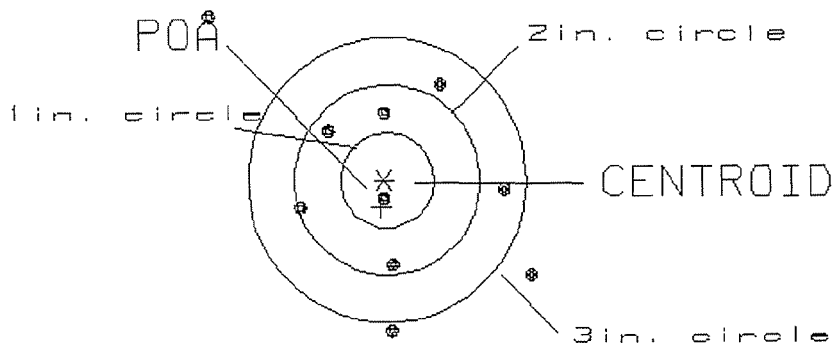
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .291
 MIN RADIUS : .151
 MEAN RADIUS : 1.193
 MAX RADIUS : 2.550
 CENTROID X : .038
 CENTROID Y : .288

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522291

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.44
 VS= 3.28
 GS= 4.35

1
 4
 7

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .208

MIN RADIUS : .408

MEAN RADIUS : 1.171

MAX RADIUS : 2.127

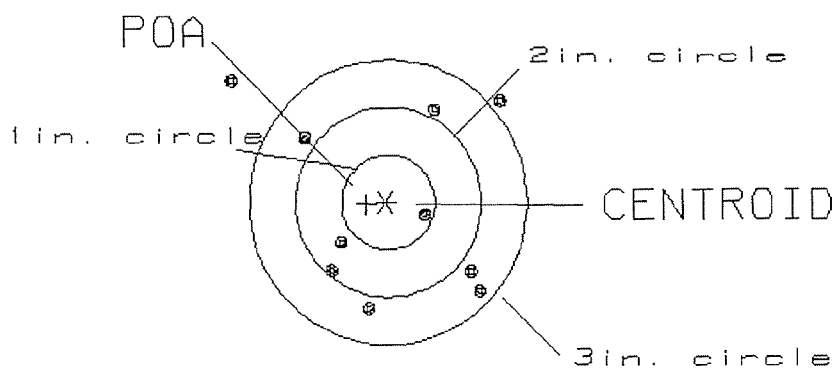
CENTROID X : .207

CENTROID Y : .023

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522291

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.89

1

VS= 2.40

3

GS= 3.53

6

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .095

MIN RADIUS : .111

MEAN RADIUS : .684

MAX RADIUS : 1.590

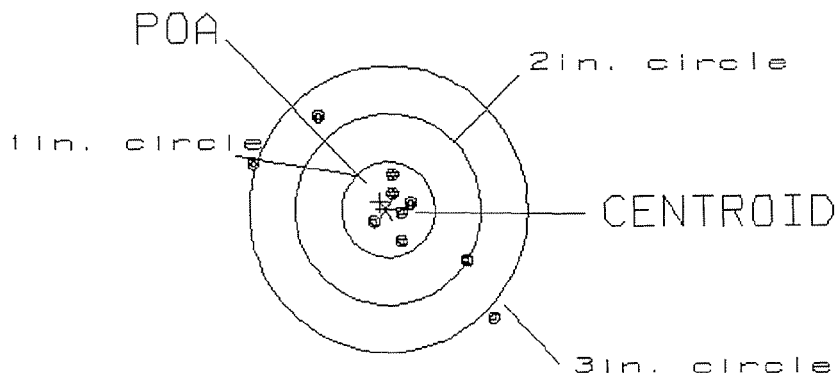
CENTROID X : .059

CENTROID Y : -.075

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522291

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.61

6

VS= 2.11

7

GS= 3.08

8

BARBER - M24 0004670

REMINGTON CENTERFIRE ACCURACY TEST

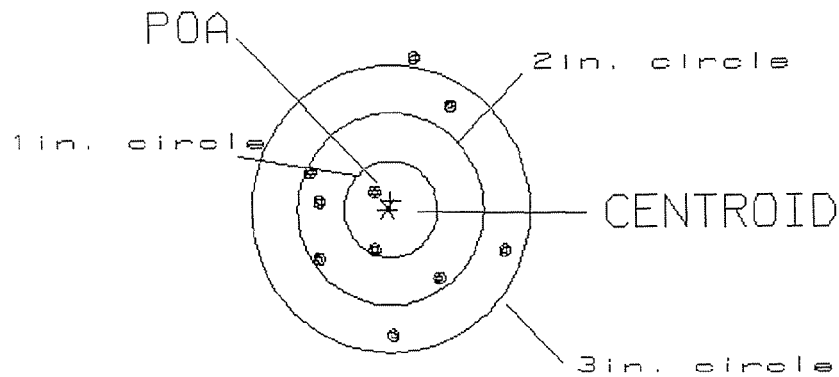
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID: .087
MIN RADIUS : .280
MEAN RADIUS : .963
MAX RADIUS : 1.604
CENTROID X : -.031
CENTROID Y : -.082

2 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522291

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.12

2

VS= 2.66

6

GS= 2.87

9

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

R & E NUMBER			
SERIAL NUMBER <i>C6522 991</i>			
LOG-IN DATE <i>2-17-01</i>			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>2-21-01</i>	<i>CF</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>3-23-01</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>3-23-01</i>	<i>RW</i>
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	<i>4-2-01</i>	<i>RW</i>
655	FINAL INSPECT	<i>4-3-01</i>	<i>RW</i>
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

Sni: C6522291

DATE REC'D: 2-17-01

DATE RET'D:

Auditor: C &

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:

Remington[®]

REG. U.S. PAT. & TM. OFF.

DUPONT

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

MODEL 700[™] M24

SERIAL NO. C8522291

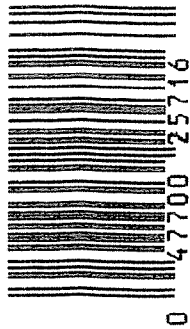
ORDER NO. 5716

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



5716 C8522291

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522291
30 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.56978
1 TO	2	.377976
1 TO	3	1.17138
1 TO	4	1.07221
1 TO	5	.357543

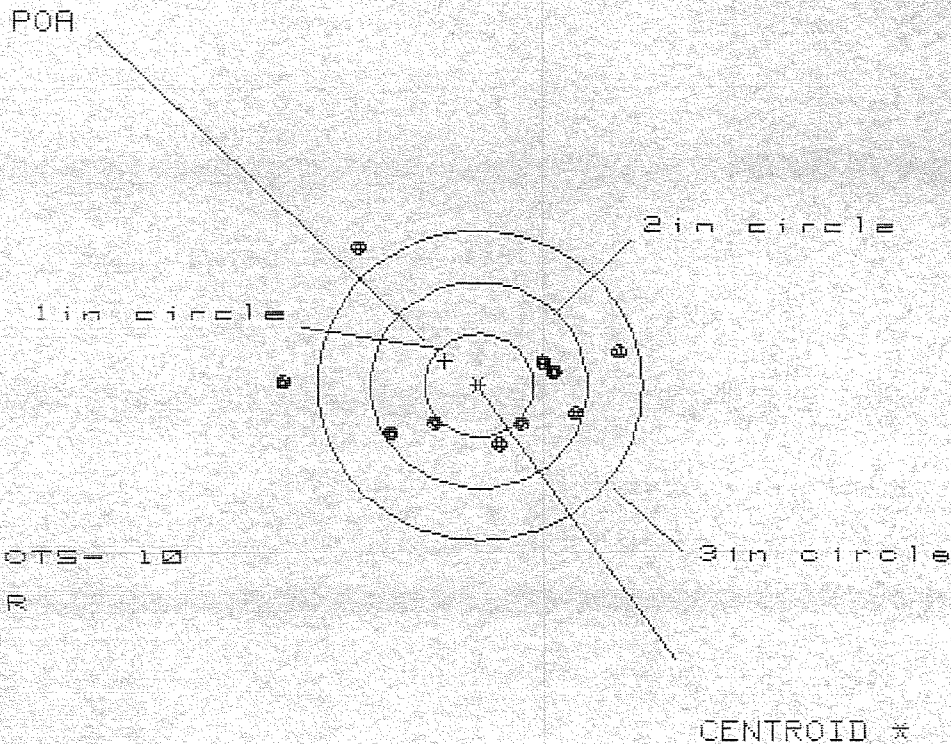
$t_{2.5}^S$ ---- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: 1.0202
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0396
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.02097
THE AMR FOR THIS RIFLE IS: .9822

30 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522291

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 0

2 in = 7

3 in = 8

HS = 3.093

VS = 1.890

GS = 3.115

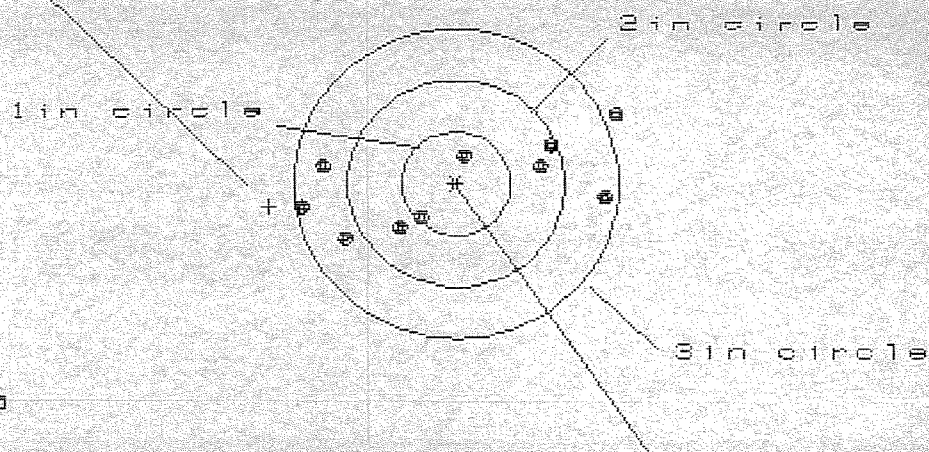
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.308	1.110	.949
MINIMUM X	-1.785	-1.287	-1.134
MAXIMUM Y	1.288	1.288	.529
MINIMUM Y	-.602	-.602	-.441
CENTROID X	.313	.511	.672
CENTROID Y	-.234	-.234	-.395
POA TO CENTROID in.	.391	.562	.779
MIN RADIUS	.543	.419	.210
MEAN RADIUS	.970	.831	.644
MAX RADIUS	1.785	1.821	1.172
HORIZONTAL SPREAD	3.093	2.397	2.083
VERTICAL SPREAD	1.890	1.890	.970
EXTREME SPREAD	3.115	2.567	2.240
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

30 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522291

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.968

VS= 1.196

GS= 3.111

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.518	1.509	1.349
MINIMUM X	:	-1.450	-1.281	-1.175
MAXIMUM Y	:	.706	.450	.431
MINIMUM Y	:	-.490	-.411	-.430
CENTROID X	:	1.725	1.556	1.716
CENTROID Y	:	.228	.149	.168
POA TO CENTROID in.	:	1.740	1.563	1.724
MIN RADIUS	:	.302	.341	.361
MEAN RADIUS	:	1.002	.907	.859
MAX RADIUS	:	1.675	1.510	1.352
HORIZONTAL SPREAD	:	2.968	2.790	2.524
VERTICAL SPREAD	:	1.196	.861	.861
EXTREME SPREAD	:	3.111	2.791	2.546
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522291

CENTERFIRE PATTERNS # 4

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 = 3.121

VS = 2.090

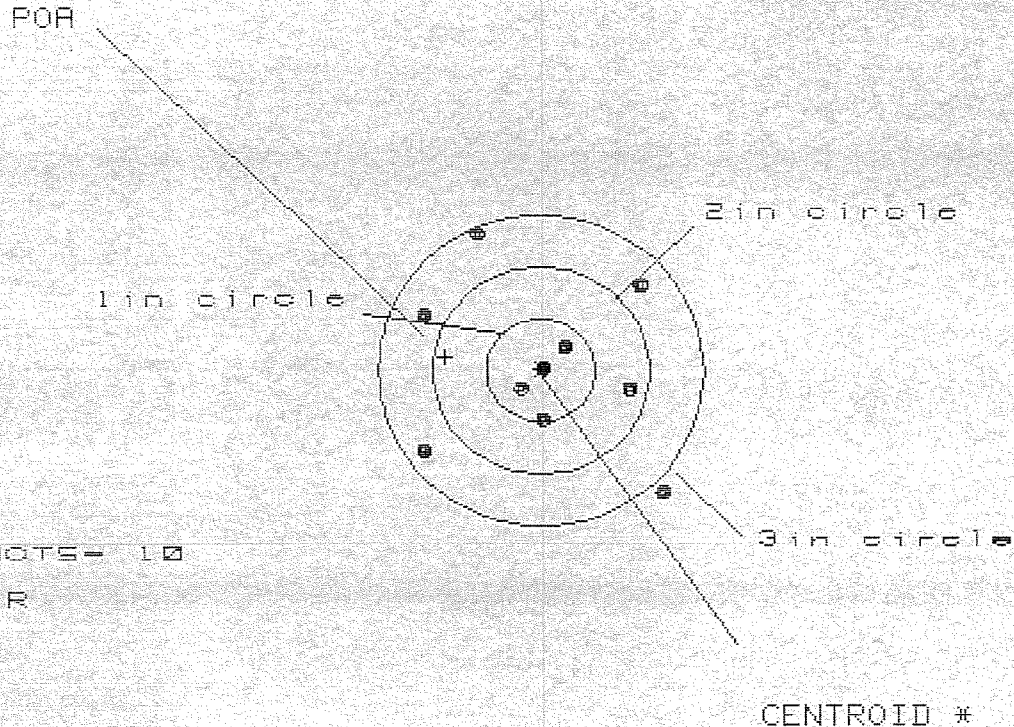
GS = 3.288

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.399	1.548	1.352
MINIMUM X	:	-1.722	-1.573	-1.075
MAXIMUM Y	:	1.122	1.049	1.057
MINIMUM Y	:	-.968	-.843	-.836
CENTROID X	:	1.613	1.464	1.660
CENTROID Y	:	.285	.160	.152
POA TO CENTROID in.	:	1.638	1.473	1.667
MIN RADIUS	:	.089	.250	.229
MEAN RADIUS	:	1.199	1.138	1.066
MAX RADIUS	:	1.751	1.574	1.507
HORIZONTAL SPREAD	:	3.121	3.121	2.426
VERTICAL SPREAD	:	2.090	1.892	1.892
EXTREME SPREAD	:	3.288	3.138	2.757
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		8	

30 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08522291

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.208

VS= 2.519

GS= 3.062

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.110	.996	.932
MINIMUM X	-1.098	-.974	-1.038
MAXIMUM Y	1.299	1.163	.801
MINIMUM Y	-1.220	-.920	-.775
CENTROID X	.882	.758	.822
CENTROID Y	-.126	.010	-.135
POR TO CENTROID in.	.891	.758	.833
MIN RADIUS	.026	.162	.039
MEAN RADIUS	.877	.815	.713
MAX RADIUS	1.650	1.340	1.295
HORIZONTAL SPREAD	2.208	1.970	1.970
VERTICAL SPREAD	2.519	2.083	1.576
EXTREME SPREAD	3.062	2.523	2.523
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

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

SERIAL NO. C6522291DATE 8/29/90TESTER JPL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.22	2.31	2.19	2.49	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.16	2.32	2.00	2.50	
PULL #3	2.21	2.29	2.29	2.51	
PULL #4	2.25	2.28	2.30	2.38	
PULL #5	2.19	2.28	2.28	2.51	
TOTAL	11.03	11.48	11.06	12.39	
AVG.	2.206	2.296	2.212	2.478	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.19		
PULL #2	3.02	3.03		
PULL #3	3.22	3.11		
PULL #4	3.23	3.08		
PULL #5	3.13	3.17		
TOTAL	15.86	15.68		
AVG.	3.172	3.116		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.20		4.12
PULL #2	4.08	4.16		4.11
PULL #3	4.18	4.19		4.11
PULL #4	4.41	4.17		4.14
PULL #5	4.16	4.14		4.17
TOTAL	21.00	20.86		20.65
AVG.	4.2	4.172		4.13

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 3/4	4	3 3/4			8/29/90	WLB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			8/29/90	WLB
	H) Trigger Pull Test & Retainability						8/29/90	JH
	I) Firing Pin Indent	.0225	.022	.022			8/29/90	WLB
	J) Assemble Stock						8/29/90	RW
	K) Assemble Swivel Studs						9/5/90	JSS
	L) Attach Front and Rear Sight Assemblies						8/29/90	RW
	M) Iron Sight Alignment						8/29/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/29/90	RW
	O) Attach Scope to Rifle						8/29/90	RW
	P) Detach & Attach Scope 20 Times						8/29/90	RW
640	Gallery Target & Test						8-30-90	DH
	A) Time						8-30-90	DH
	B) Malfunctions						8-30-90	DH
	C) Pierced Primers						8-30-90	DH
	D) Optical Clarity of Scope						8-30-90	DH
645	Inspect for Live Ammo						8-30-90	DH
655	Final Inspection							
	A) Headspace						9/5/90	JSS
	B) Trigger Pull	2.49	2.50	2.51	2.38	2.51	9/1/90	JH
	C) Function						9/5/90	JSS
660	Pack						9-18-90	JH

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522291

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 2	90	RW
600	Proof	8 2	90	RW
607	Check Headspace	8 2	90	RW
610	Dis-assemble Gun	8 2	90	RW
612	Magnaflux Barrel Action		8/6/90	KE
	Magnaflux Bolt		8/6/90	KE
615	Rollmark Caliber		8/6/90	ES
617	Drill and Tap Sight Holes		8/10/90	FB
618	Polish Barrel RB		8/14/90	WB
620	Apply Coatings (Barrel Action)		8-22-90	JA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/24/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/24/90	RW
	C) Inspect Ejector Hole for Chamfer		8/24/90	RW
	D) Oil Firing Pin Ass'y		8/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/29/90	AL