

06348880

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington[®]

MODEL 700TM H24

MADE IN ILION, 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.

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

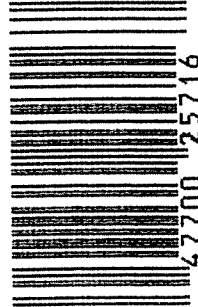
SERIAL NO.
C6348880

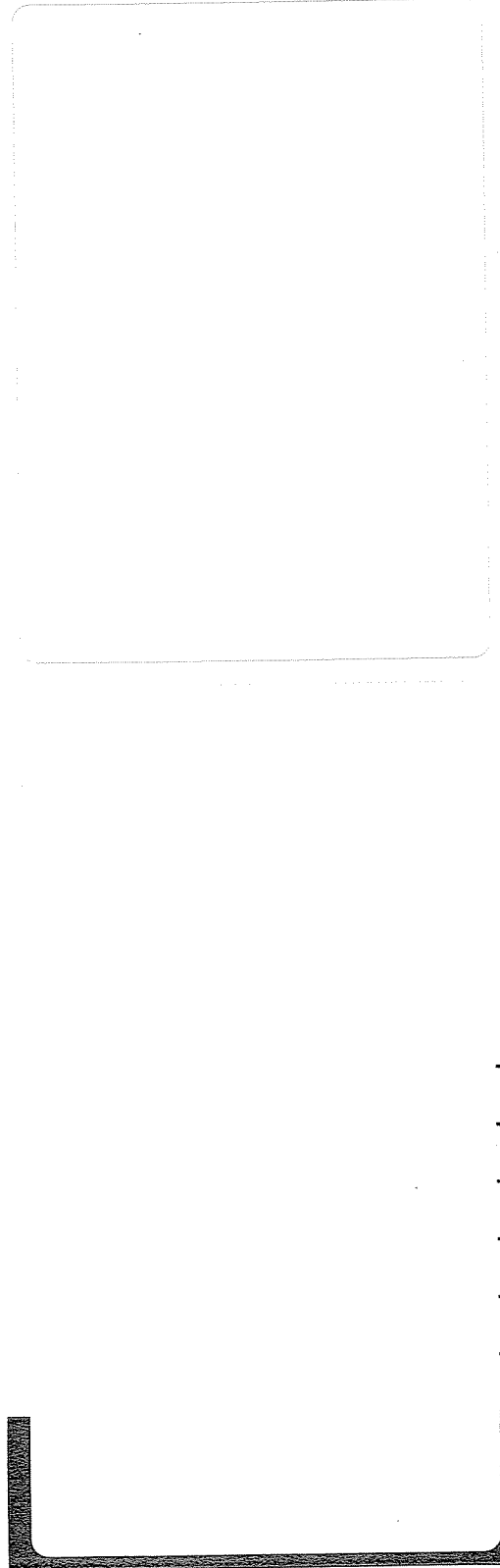
ORDER NO.
5716

01


5716 C6348880

UPC


0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348880

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 24	89	RW
600	Proof	8 24	89	RW
607	Check Headspace	8 24	89	RW
610	Dis-assemble Gun	8 24	89	RW
612	Magnaflux Barrel Action		8/25/89	KCR
	Magnaflux Bolt		8/25/89	KCR
615	Rollmark Caliber			
7	Drill and Tap Sight Holes	8 28	89	YB
618	Polish Barrel RB	8 28	89	BT
620	Apply Coatings (Barrel Action)		9-7-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/26/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/26/89	RW
	C) Inspect Ejector Hole for Chamfer		9/26/89	RW
	D) Oil Firing Pin Ass'y		9/26/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		27 Sept 89	GS

op. #	OP. NAME	READINGS				DATE	INIT	
625 cont.	F) Safety On Force	6	6	6	9/27/89	JS		
	G) Safety Off Force	3	3	3	9/27/89	JS		
	H) Trigger Pull Test & Retainability				27 Sep 89	JS		
	I) Firing Pin Indent	.0215	.0225	.0225	9/27/89	JS		
	J) Assemble Stock				10/2/89	RW		
	K) Assemble Swivel Studs				4 Oct 89	JS		
	L) Attach Front and Rear Sight Assemblies				12/11/89	RW		
	M) Iron Sight Alignment				12/11/89	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/11/89	RW		
	O) Attach Scope to Rifle				10/2/89	JS		
	P) Detach & Attach Scope 20 Times				10/2/89	JS		
640	Gallery Target & Test				10-2-89	DH		
	A) Time				10-2-89	DH		
	B) Malfunctions				10-2-89	DH		
	C) Pierced Primers				10-2-89	DH		
	D) Optical Clarity of Scope				10-2-89	DH		
645	Inspect for Live Ammo				10-2-89	DH		
655	Final Inspection							
	A) Headspace				4 Oct 89	JS		
	B) Trigger Pull	244	255	258	261	258	4 Oct 89	JS
	C) Function						4 Oct 89	JS
660	Pack						15 Oct 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 8880DATE 3-23-90TESTER JK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.44	2.44	2.44	MIN. SETTING,
PULL #2	2.40	2.34	2.40	NO AVG. OF 5
PULL #3	2.50	2.36	2.36	READINGS ACCEPT-
PULL #4	2.42	2.34	2.43	ABLE LESS THAN 2#
PULL #5	2.39	2.47	2.35	
TOTAL	12.15	11.95	11.98	
AVG.	2.43	2.39	2.396	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.52	3.60	
PULL #2	3.48	3.47	
PULL #3	3.26	3.48	
PULL #4	3.58	3.45	
PULL #5	3.50	3.50	
TOTAL	17.34	17.50	
AVG.	3.468	3.5	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.21		
PULL #2	4.24	4.24		
PULL #3	4.07	4.13		
PULL #4	4.26	4.15		
PULL #5	4.13	4.24		
TOTAL	20.85	20.97		
AVG.	4.17	4.194		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348880
2 Oct 1989

CENTROIDAL DISTANCES

Ø TO	1	.683465
1 TO	2	.219429
1 TO	3	.343444
1 TO	4	.122004
1 TO	5	.253442

+3₂⁵ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5634
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2158
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .683315

THE AMR FOR THIS RIFLE IS: .915

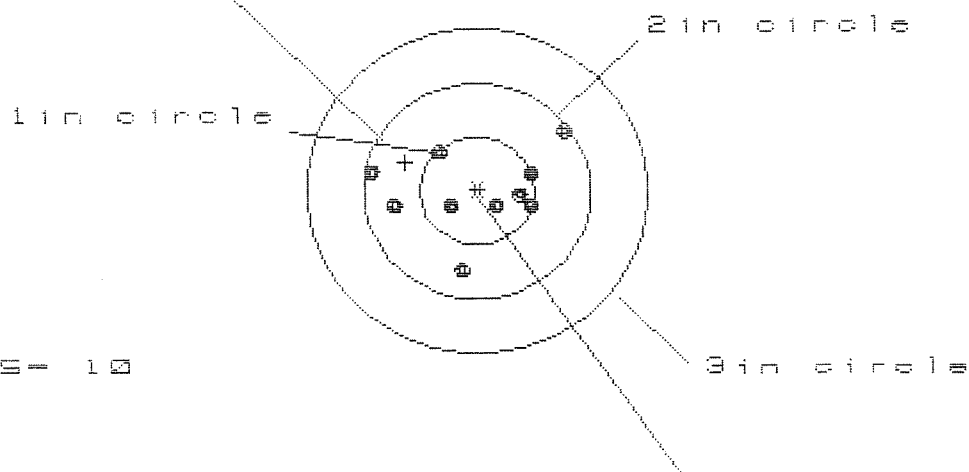
2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346880

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 10

3in = 10

HS= 1.654

VS= 1.334

GS= 1.689

CENTROID *

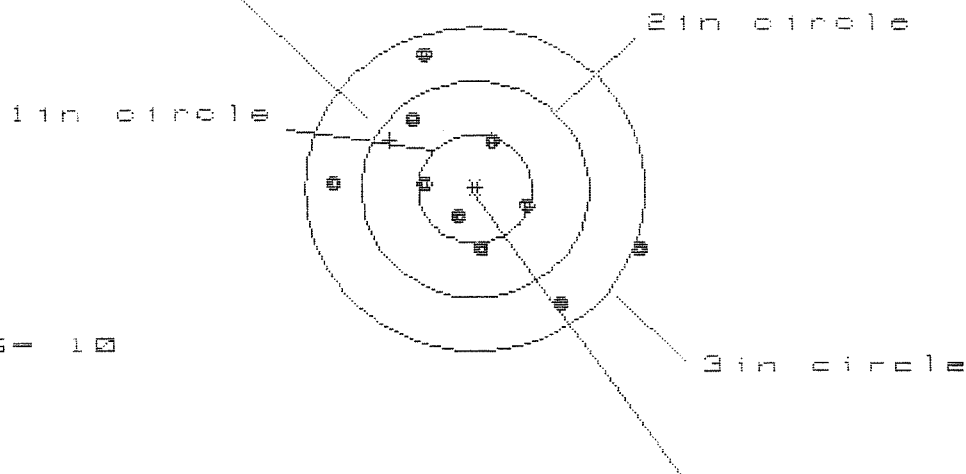
PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.751	.587	.484
MINIMUM X	:	-.903	-.820	-.773
MAXIMUM Y	:	.553	.452	.486
MINIMUM Y	:	-.781	-.720	-.686
CENTROID X	:	.630	.547	.649
CENTROID Y	:	-.265	-.326	-.360
POA TO CENTROID in.	:	.684	.637	.742
MIN RADIUS	:	.204	.103	.188
MEAN RADIUS	:	.579	.537	.480
MAX RADIUS	:	.932	.863	.774
HORIZONTAL SPREAD	:	1.654	1.407	1.258
VERTICAL SPREAD	:	1.334	1.172	1.172
EXTREME SPREAD	:	1.689	1.432	1.277
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	10		
NUMBER IN THREE INCH CIRCLE	=	10		

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C834B8B0

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 9

HS = 2.886

VS = 2.243

GS = 2.765

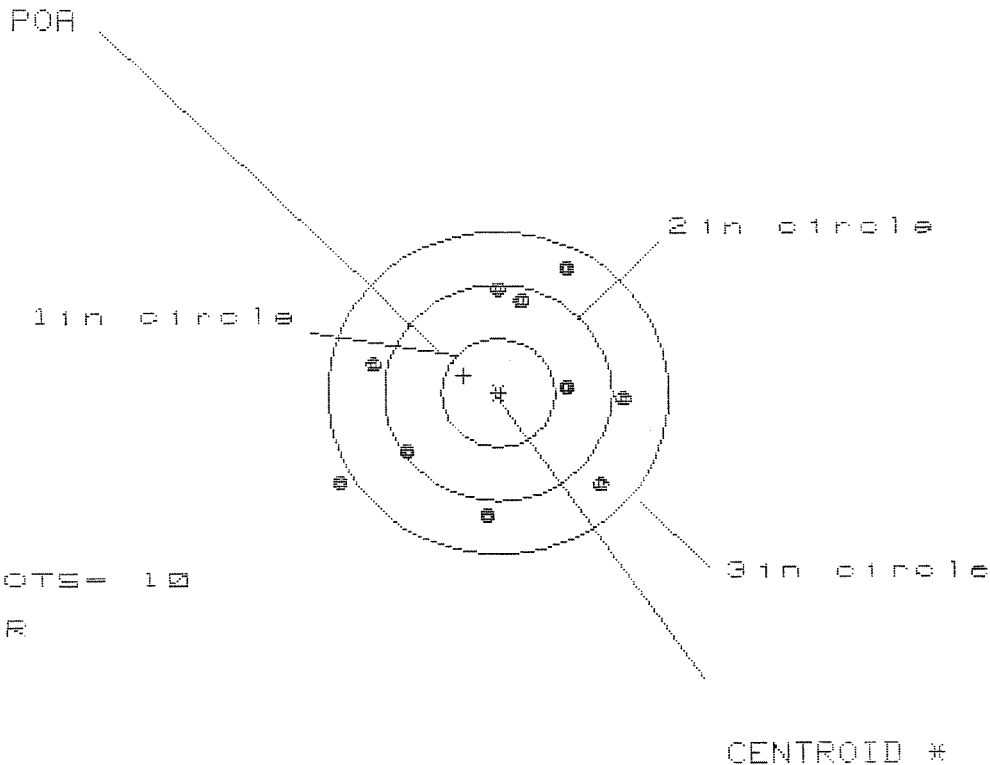
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.488	.924	.884
MINIMUM X	:	-1.198	-1.033	-1.073
MAXIMUM Y	:	1.235	1.170	.768
MINIMUM Y	:	-1.008	-1.073	-.927
CENTROID X	:	.748	.583	.623
CENTROID Y	:	-.450	-.385	-.531
POA TO CENTROID in.	:	.873	.698	.819
MIN RADIUS	:	.332	.312	.199
MEAN RADIUS	:	.863	.764	.693
MAX RADIUS	:	1.598	1.416	1.281
HORIZONTAL SPREAD	:	2.686	1.957	1.957
VERTICAL SPREAD	:	2.243	2.243	1.695
EXTREME SPREAD	:	2.765	2.567	2.236
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6346880

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 9

HS= 2.519

VS= 2.287

GS= 2.914

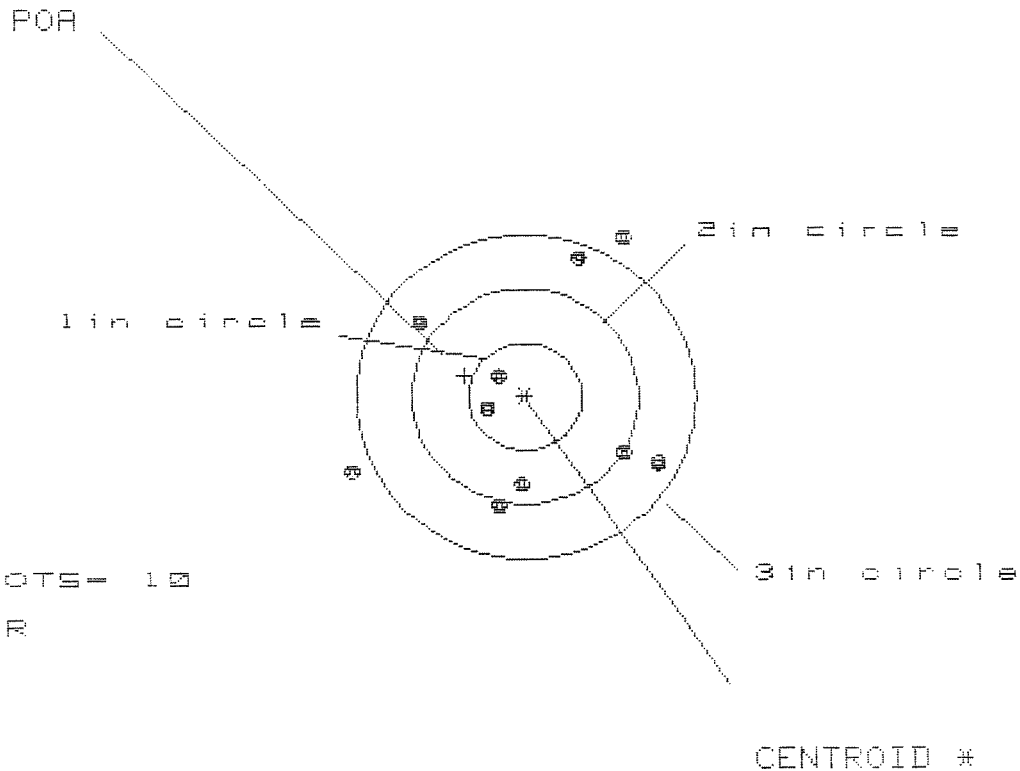
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.071	.911	.971
MINIMUM X	:	-1.448	-1.267	-1.207
MAXIMUM Y	:	1.173	1.077	.994
MINIMUM Y	:	-1.114	-1.210	-1.075
CENTROID X	:	.303	.463	.403
CENTROID Y	:	-.160	-.064	-.199
POR TO CENTROID in.	:	.342	.468	.450
MIN RADIUS	:	.650	.484	.558
MEAN RADIUS	:	1.112	1.019	1.003
MAX RADIUS	:	1.683	1.285	1.255
HORIZONTAL SPREAD	:	2.519	2.178	2.178
VERTICAL SPREAD	:	2.287	2.287	2.069
EXTREME SPREAD	:	2.914	2.419	2.350
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348880

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.685

VS= 2.513

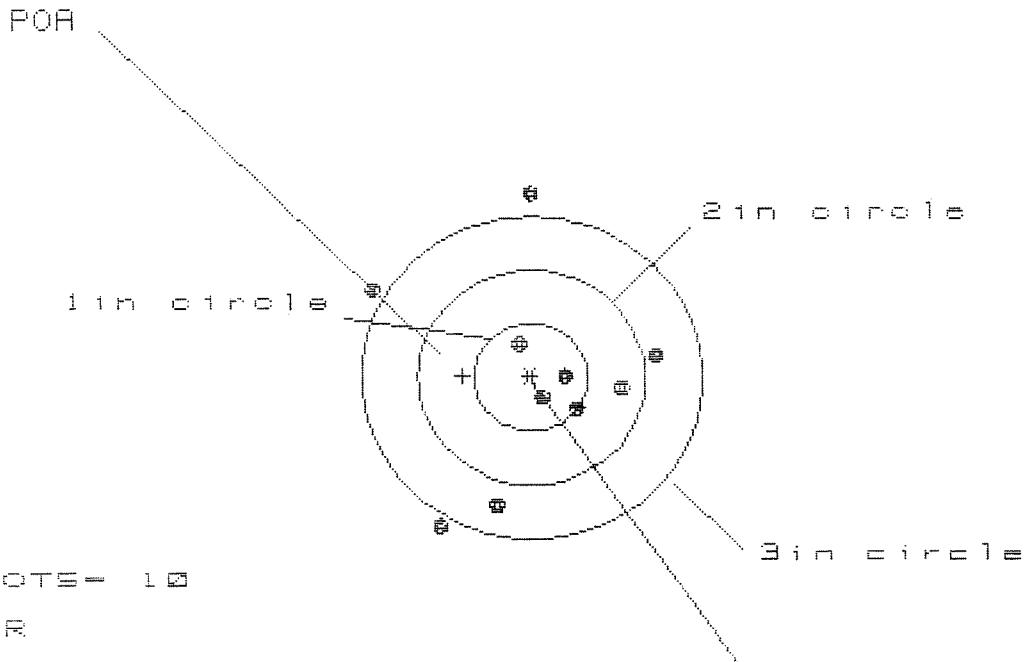
GS= 3.218

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.175	1.268	1.091
MINIMUM X	:	-1.510	-1.417	-1.017
MAXIMUM Y	:	1.537	1.426	1.365
MINIMUM Y	:	-.976	-.805	-.867
CENTROID X	:	.533	.440	.617
CENTROID Y	:	-.191	-.362	-.300
POA TO CENTROID in.	:	.566	.569	.686
MIN RADIUS	:	.319	.270	.440
MEAN RADIUS	:	1.081	.976	.924
MAX RADIUS	:	1.752	1.536	1.421
HORIZONTAL SPREAD	:	2.685	2.685	2.108
VERTICAL SPREAD	:	2.513	2.231	2.231
EXTREME SPREAD	:	3.218	2.760	2.526
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

2 Oct 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6340800

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 7

HS= 2.503

VS= 3.112

GS= 3.229

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.058	1.062	.882
MINIMUM X	:	-1.445	-1.441	-.994
MAXIMUM Y	:	1.719	.978	.632
MINIMUM Y	:	-1.393	-1.202	-1.079
CENTROID X	:	.603	.599	.779
CENTROID Y	:	-.013	-.204	-.327
POA TO CENTROID in.	:	.604	.633	.844
MIN RADIUS	:	.213	.099	.147
MEAN RADIUS	:	.940	.842	.699
MAX RADIUS	:	1.720	1.741	1.467
HORIZONTAL SPREAD	:	2.503	2.503	1.876
VERTICAL SPREAD	:	3.112	2.180	1.711
EXTREME SPREAD	:	3.229	2.577	2.444
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

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: **RE00014583** Serial: C6348880 Model 700 Center Fire Caliber 7.62 NATO M-24 (SWS) Repairman: Status: Closed 9/28/00 8:45:15 AM

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION OFFICE** **TRANSPORTATION OFFICE**

Address 1: **BLDG 330** **BLDG 330**

Address 2: **4851 CHILES AVE** **4851 CHILES AVE** 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

Foot:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	1
A010	Hard Case	1
A016	Scope Mounts	1
A017	Scope Base	1
A026	Scope	1

Repair Search **Refresh** **Close**

maglev 9/28/00 9:28 AM CAPS NUM JNS SCPL

Start Inbo Nagl Expl Mac Part Ar Brea Print 9:28 AM

Serial Number: **C6348880**

Model: **700**



RE00014583

BBL - 96003

Final Inspection

Sn: C6348880

DATE REC'D: 9-27-00

DATE RET'D:

Auditor: RW

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

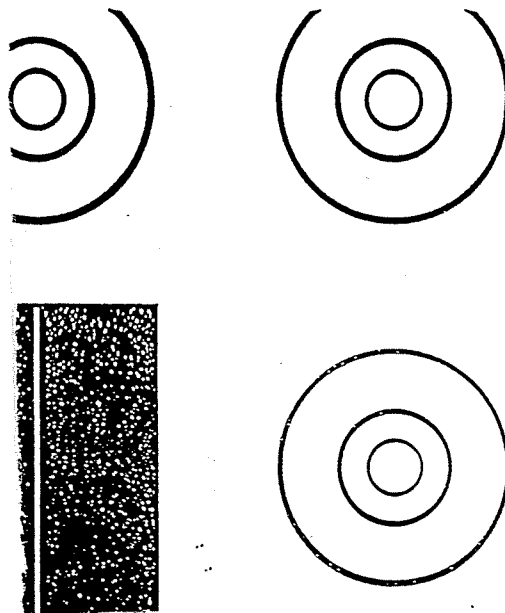
- ☒ SAFETY OPERATION
- ☒ SET

Comments:

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

[illegible]

C6225410 ✓
C6348963 ✓
~~C6225279 ✓~~
~~C6348971 ✓~~
~~C6225073 ✓~~
~~C6225150 ✓~~



Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348880
7 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0842
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0368
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0918906

THE AMR FOR THIS RIFLE IS: 1.08

CENTROIDAL DISTANCES

0	TO	1	.0516236
1	TO	2	.12919
1	TO	3	.452391
1	TO	4	.176819
1	TO	5	.241961

5
2
7
4
3 <----POA

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .052

MIN RADIUS : .299

MEAN RADIUS : 1.091

MAX RADIUS : 1.775

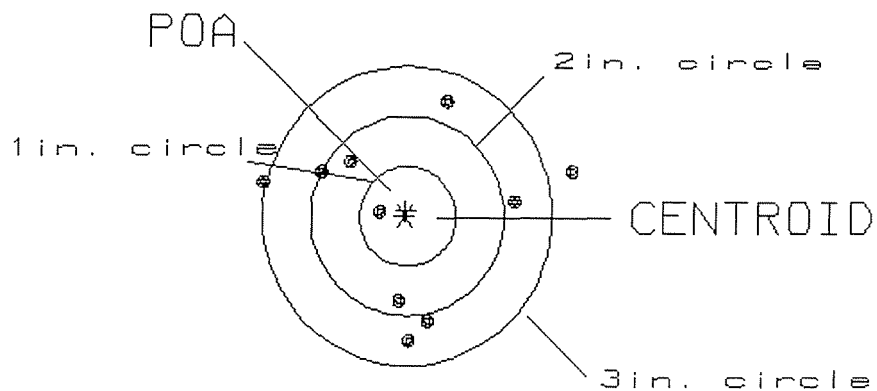
CENTROID X : -.008

CENTROID Y : -.051

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.20

1

VS= 2.39

4

GS= 3.21

8

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .079

MIN RADIUS : .233

MEAN RADIUS : 1.122

MAX RADIUS : 2.549

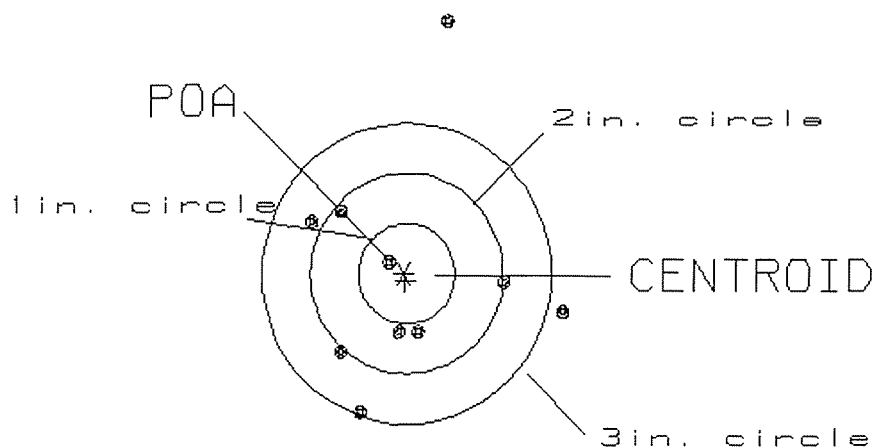
CENTROID X : -.015

CENTROID Y : .078

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348888

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.65

1

VS= 3.87

5

GS= 3.96

8

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .460

MIN RADIUS : .548

MEAN RADIUS : 1.355

MAX RADIUS : 2.317

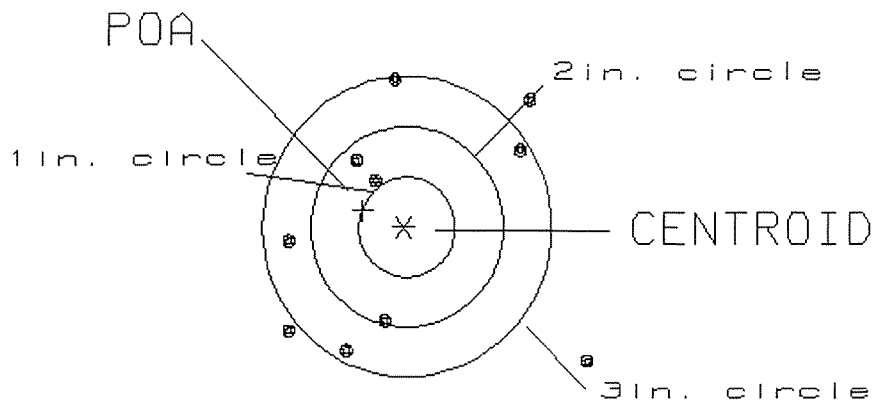
CENTROID X : .429

CENTROID Y : -.168

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.17

0

VS= 2.75

3

GS= 3.40

7

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .229

MIN RADIUS : .317

MEAN RADIUS : .898

MAX RADIUS : 1.610

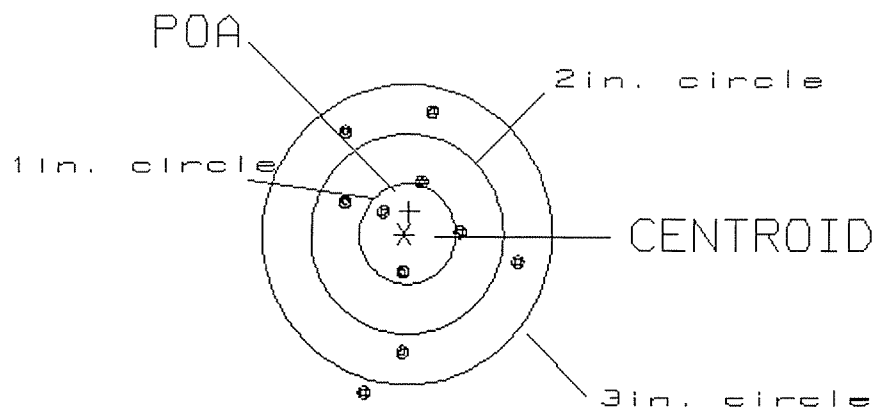
CENTROID X : -.049

CENTROID Y : -.223

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340000

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.87

2

VS= 2.60

5

GS= 2.87

9

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .191

MIN RADIUS : .301

MEAN RADIUS : .932

MAX RADIUS : 1.844

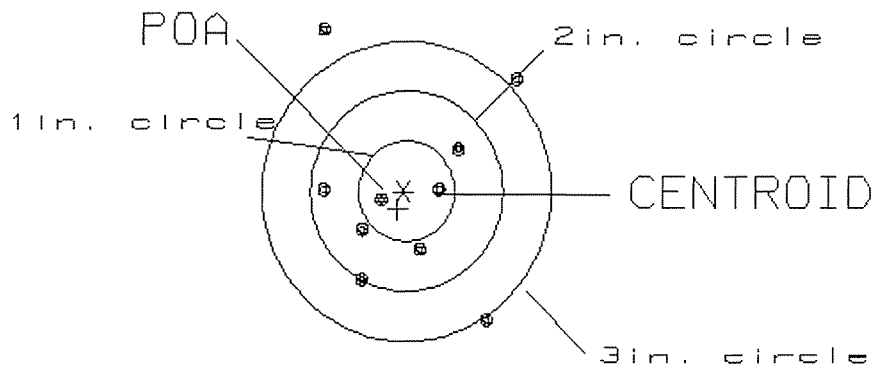
CENTROID X : .064

CENTROID Y : .180

6 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.09

2

VS= 2.85

7

GS= 3.36

7

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6348880

3 Nov 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.125

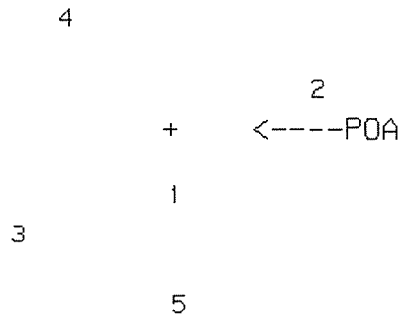
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.248

THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .277721

THE AMR FOR THIS RIFLE IS: 1.486

CENTROIDAL DISTANCES

0 TO	1	.420629
1 TO	2	1.15144
1 TO	3	1.03297
1 TO	4	1.33796
1 TO	5	.707916



REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .421

MIN RADIUS : .433

MEAN RADIUS : 1.614

MAX RADIUS : 3.367

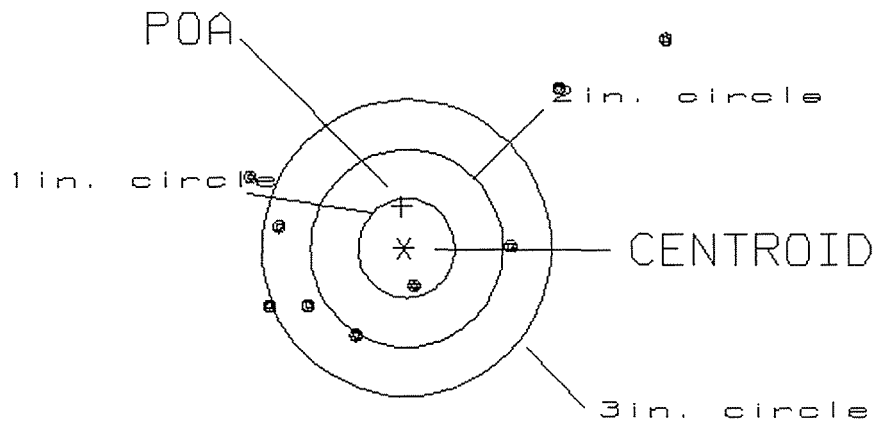
CENTROID X : .023

CENTROID Y : -.420

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6340880

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.28

1

VS= 4.27

1

GS= 4.84

5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .986

MIN RADIUS : .417

MEAN RADIUS : 1.428

MAX RADIUS : 2.886

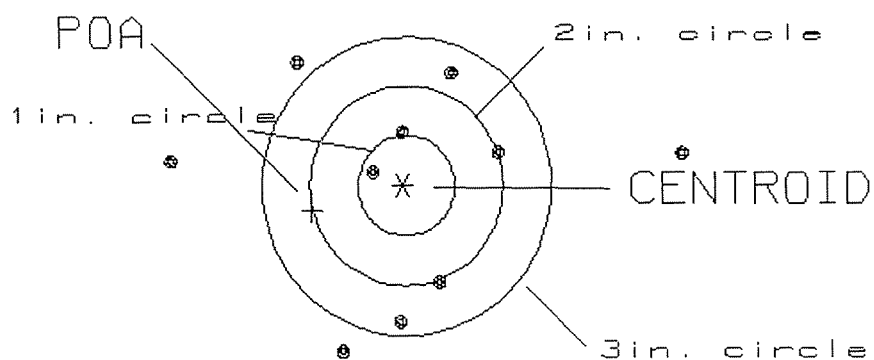
CENTROID X : .950

CENTROID Y : .263

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 5.28

1

VS= 2.84

3

GS= 5.28

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

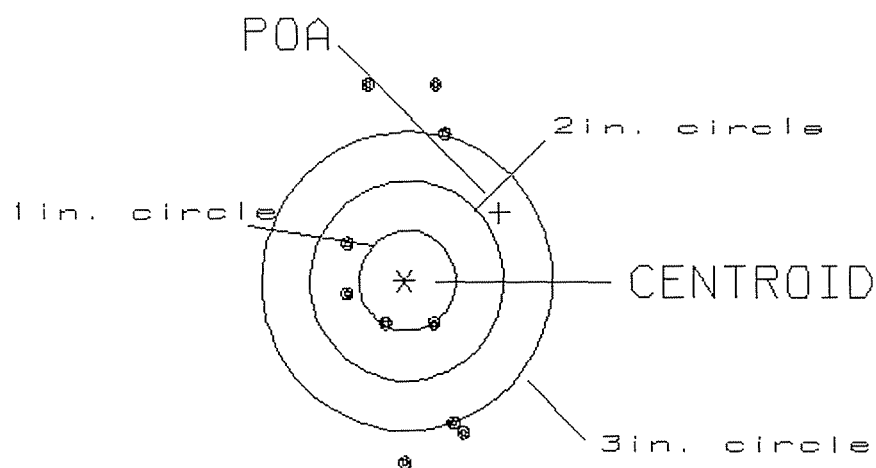
PATTERN #: ☐ 3 ☐

POA TO CENTROID: 1.189
 MIN RADIUS : .474
 MEAN RADIUS : 1.288
 MAX RADIUS : 2.020
 CENTROID X : -.978
 CENTROID Y : -.675

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348888

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.21
 VS= 3.81
 GS= 3.82

1
 4
 6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .989

MIN RADIUS : .225

MEAN RADIUS : 1.412

MAX RADIUS : 2.215

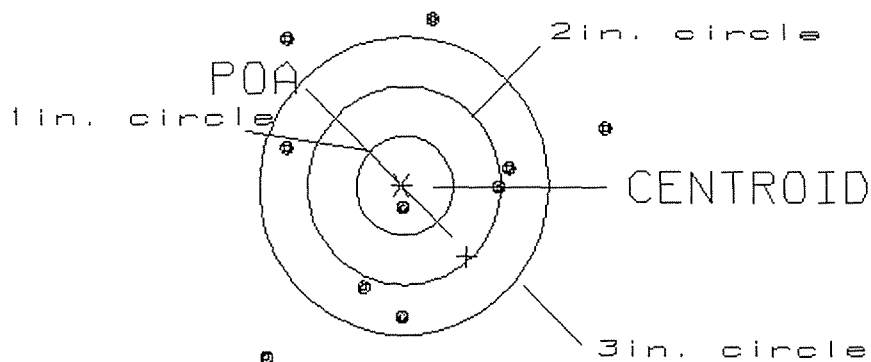
CENTROID X : -.679

CENTROID Y : .719

2 Nov 2000

FILE:/H:\basic\Accuracy\Patterning\Centerfire_Patt/c6340000

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.52

1

VS= 3.37

2

GS= 4.18

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

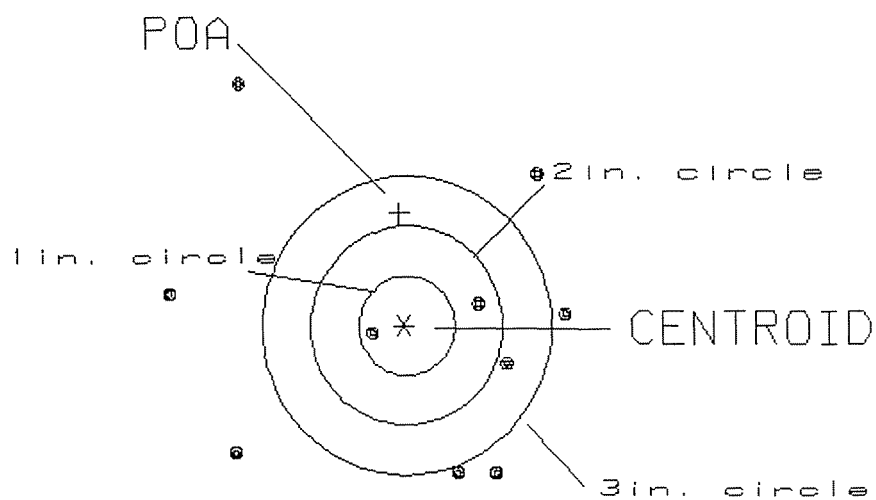
PATTERN #: 5

POA TO CENTROID: 1.128
 MIN RADIUS : .363
 MEAN RADIUS : 1.690
 MAX RADIUS : 3.058
 CENTROID X : .059
 CENTROID Y : -1.127

2 Nov 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6348880

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.05
 VS= 3.97
 GS= 4.82

1
 2
 3