

C6594519

MODEL 700TM M24

Model **SMS**TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

GFMCONTRACT # DAAA21-87-C-0086*Repair*GUN SERIAL # *C6594519*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble Gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		<i>2/24/93</i>	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>2/24/93</i>	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		<i>2/24/93</i>	<i>RW</i>
	D) Oil Firing Pin Ass'y		<i>2/24/93</i>	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>2/24/93</i>	<i>RW</i>

op. #	BARBER - M24 0018501 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	3	4			2/24/93	RW
	G) Safety Off Force	3	3	3			2/24/93	RW
	H) Trigger Pull Test & Retainability						2/24/93	RW
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies						2/24/93	RW
	M) Iron Sight Alignment						2/24/93	RW
	N) Detach Front & Rear Sights & place in numbered container						2/24/93	RW
	O) Attach Scope to Rifle						2/24/93	RW
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						2/26/93	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						2/26/93	RW
655	Final Inspection A) Headspace						3/3/93	RW
	B) Trigger Pull	2.53	2.53	2.46	2.52	2.55	3/3/93	RW
	C) Function						3/3/93	RW
660	Pack							

New Trigger Assy

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594519DATE 2/24/93TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.30	2.14		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.28	2.34		
PULL #3	2.44	2.27	2.33		
PULL #4	2.45	2.28	2.15		
PULL #5	2.43	2.28	2.33		
TOTAL	12.14	11.41	11.29		
AVG.	2.41	2.28	2.26		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.20		
PULL #2	3.24	3.24		
PULL #3	3.25	3.22		
PULL #4	3.15	3.24		
PULL #5	3.25	3.19		
TOTAL	16.16	16.09		
AVG.	3.23	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.09	4.11		4.25
PULL #2	4.13	4.12		4.26
PULL #3	4.12	4.00		4.26
PULL #4	4.13	4.09		4.27
PULL #5	4.13	4.06		4.25
TOTAL	20.60	20.38		21.29
AVG.	4.12	4.08		4.26

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

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

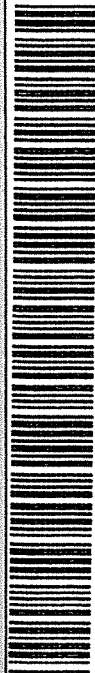
MODEL 700TM M24

SERIAL NO. C6594519

ORDER NO. 5716

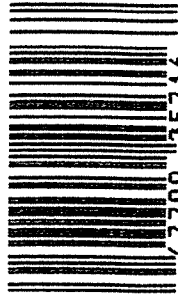
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6594519

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594519

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		10/31/90	Kd
600	Proof		10/31/90	Kd
607	Check Headspace		10/31/90	Kd
610	Dis-assemble Gun		10/31/90	Kd
612	Magnaflux Barrel Action		11/1/90	KCR
	Magnaflux Bolt		11/1/90	KCR
615	Rollmark Caliber		11/1/90	ES
617	Drill and Tap Sight Holes		11/6/90	LB
618	Polish Barrel AB		11/7/90	WB
620	Apply Coatings (Barrel Action)		11/26/90	AB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/5/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/5/90	KS
	C) Inspect Ejector Hole for Chamfer		12/5/90	KS
	D) Oil Firing Pin Ass'y		12/5/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		12/4/90	FL

BARBER - M24 0018505		READINGS			DATE	INIT		
op. #	OP. NAME							
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2	12/6/90	WB		
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	12/6/90	WB		
	H) Trigger Pull Test & Retainability				12/6/90	SL		
	I) Firing Pin Indent	.022	.022	.022	12/6/90	WB		
	J) Assemble Stock				12/6/90	KS		
	K) Assemble Swivel Studs				12-8-90	Q28		
	L) Attach Front and Rear Sight Assemblies				12/6/90	KA		
	M) Iron Sight Alignment				12/6/90	KA		
	N) Detach Front & Rear Sights & place in numbered container				12/6/90	KA		
	O) Attach Scope to Rifle				12/6/90	KA		
	P) Detach & Attach Scope 20 Times				12/6/90	KA		
640	Gallery Target & Test				12-7-90	AC		
	A) Time				12-7-90	AC		
	B) Malfunctions				12-7-90	AC		
	C) Pierced Primers				12-7-90	AC		
	D) Optical Clarity of Scope				12-7-90	AC		
645	Inspect for Live Ammo				12-7-90	AC		
655	Final Inspection							
	A) Headspace				12-8-90	Q28		
	B) Trigger Pull	250	246	242	245	245	12-8-90	Q28
	C) Function						12-8-90	Q28
660	Pack						12/19/90	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594519DATE 12/6/91TESTER J.P.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.20	2.31	250	MIN. SETTING,
PULL #2	2.33	2.36	2.31	246	NO AVG. OF 5
PULL #3	2.29	2.24	2.35	242	READINGS ACCEPT-
PULL #4	2.28	2.38	2.36	245	ABLE LESS THAN 2#
PULL #5	2.21	2.27	2.29	245	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.33		
PULL #2	3.31	3.34		
PULL #3	3.23	3.33		
PULL #4	3.18	3.28		
PULL #5	3.28	3.32		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.42	4.26		4.25
PULL #2	4.31	4.23		4.28
PULL #3	4.25	4.27		4.44
PULL #4	4.33	4.39		4.32
PULL #5	4.40	4.39		4.29
TOTAL				
AVG.				

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0018507

COMMENTS

ORDER
R 93-02474

INITIAL FPS	CUSTOMER ORDER NO.	WOG 22 OF 30 W/10X SCOPE & DEPLOYMENT KIT M24			
DATE RECEIVED 01/25/93	DATE OPENED 01/25/93	DATE CODE RK 11-90	SERIAL NUMBER C6594519	NEW SERIAL NUMBER	MODEL AND GRADE 700 7-62 NATO
ACCESSORIES W/STUDS		W/SWIVELS		SOFT CASE	SCOPE BASE

FROM:

MCHALE, EDWARD J CPT;SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

SHIP TO:

MCHALE, EDWARD J CPT;SF
HSC 3RD BN 3RD SFG (A)
FT BRAGG NC 28307

CUST NO: 073985 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	CLEAN/TEST	PROM. DATE	ESTIMATED	VIA UPS
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GUN CONDITION	REPAIR CHARGE
☐ NEW	EXCISE
☐ LIGHTLY WORN	TAX
☐ WORN	INSURANCE
☐ VERY WORN	UPS
☐ UNREPAIRABLE	PARCEL POST
☐ MARRED	TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Rust on Gun

PARTS	COMMENTS												
Trigger Assy - 96024	Zinc phosphate Scope Base												
Front Guard Screw - 96010	Scope Rings, Swivels & Swivel Studs.												
Rear Guard Screw - 96015	Re-powder Coat Floor plate, latch,												
Front Sight Assy - 96118	Trigger Guard, Barrel Assy - 96001,												
Rear Sight Assy - 96119	Front & Rear Sight Bases												
Bolt Stop - 17013													
<table border="1"> <tr> <td>REPAIRMAN Ru</td> <td>PROOF</td> <td>CLEAN ✓</td> <td>TEST ✓</td> <td>TARGET</td> <td>PATTERN</td> </tr> <tr> <td>GALLERY TESTER Ru</td> <td>DATE</td> <td>DATE 2/24/93</td> <td>DATE 2/26/93</td> <td>DATE</td> <td>DATE</td> </tr> </table>		REPAIRMAN Ru	PROOF	CLEAN ✓	TEST ✓	TARGET	PATTERN	GALLERY TESTER Ru	DATE	DATE 2/24/93	DATE 2/26/93	DATE	DATE
REPAIRMAN Ru	PROOF	CLEAN ✓	TEST ✓	TARGET	PATTERN								
GALLERY TESTER Ru	DATE	DATE 2/24/93	DATE 2/26/93	DATE	DATE								

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0018507

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06594519
7 Dec 1990

CENTROIDAL DISTANCES

0 TO	1	.383235
1 TO	2	.347922
1 TO	3	.436578
1 TO	4	.291172
1 TO	5	.486486

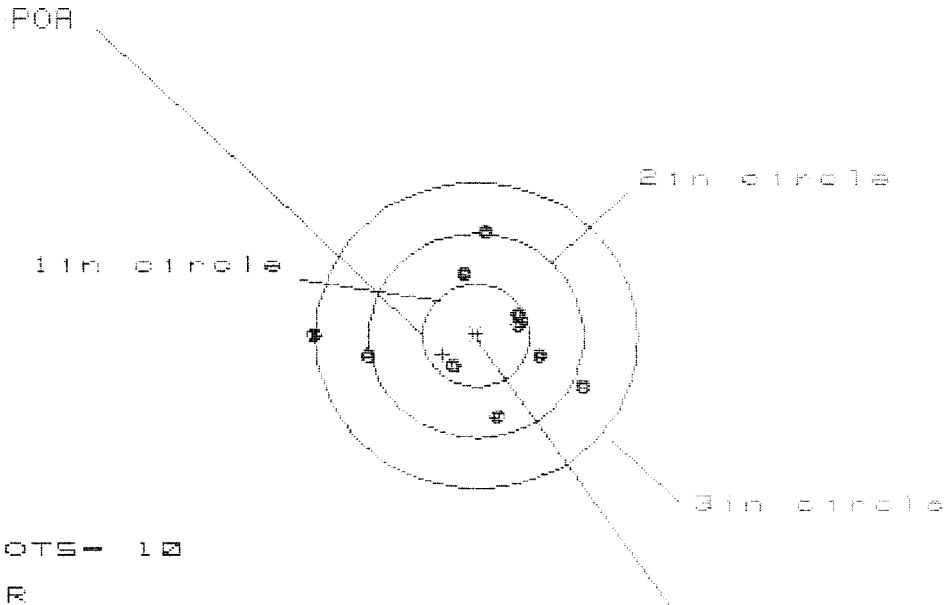
$\frac{1}{52}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0962
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0214
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0985515
THE AMR FOR THIS RIFLE IS: .9626

7 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6594519

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 2.465

VS = 1.757

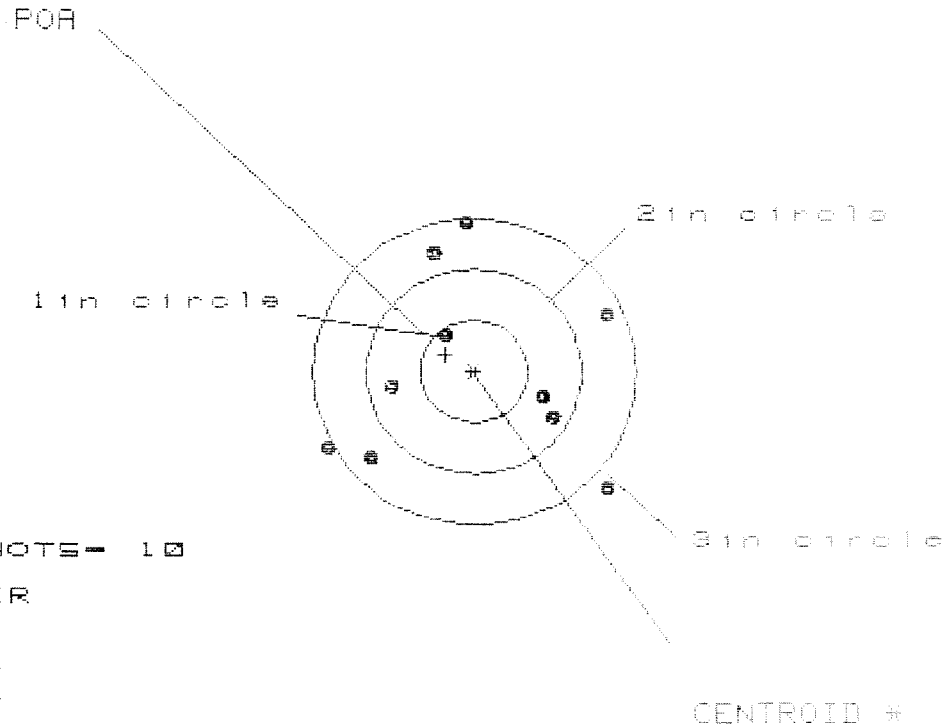
GS = 2.522

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.988	.924	.564
MINIMUM X	-1.477	-1.138	-1.035
MAXIMUM Y	.975	.976	.913
MINIMUM Y	-.782	-.781	-.845
CENTROID X	.312	.476	.373
CENTROID Y	.186	.185	.248
FOR TO CENTROID in.	.363	.510	.448
MIN RADIUS	.397	.261	.050
MEAN RADIUS	.796	.686	.658
MAX RADIUS	1.477	1.149	1.059
HORIZONTAL SPREAD	2.465	1.962	1.599
VERTICAL SPREAD	1.757	1.757	1.757
EXTREME SPREAD	2.522	1.993	1.759
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

7 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06534513

CENTERFIRE PATTERNS # 2



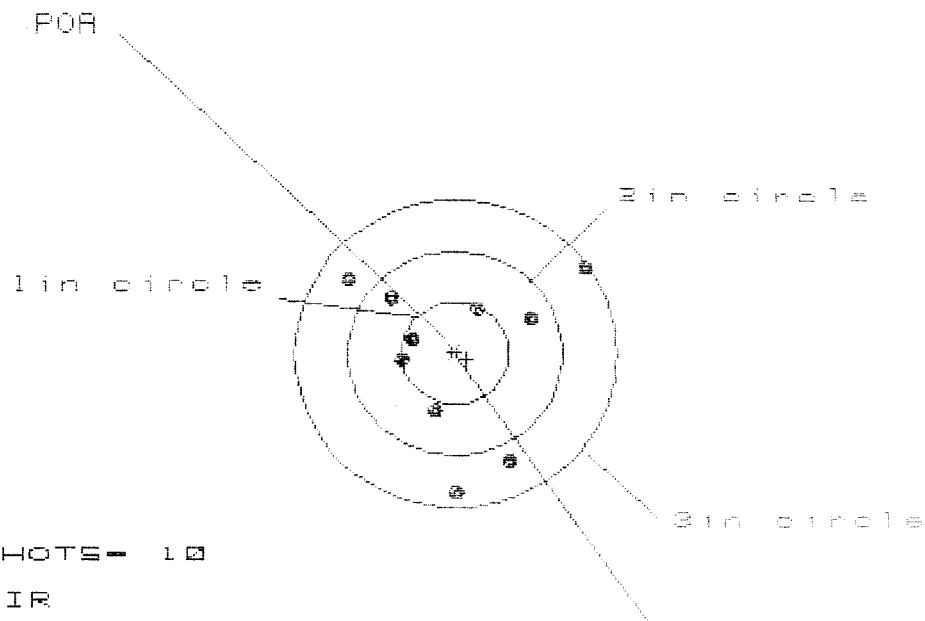
HS= 2.594
VS= 2.656
GS= 2.959

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.265	1.397	1.247
MINIMUM X	-1.329	-1.197	-1.009
MAXIMUM Y	1.498	1.369	1.255
MINIMUM Y	-1.158	-0.936	-1.050
CENTROID X	.267	.135	.285
CENTROID Y	-.159	-.030	.084
POA TO CENTROID in.	.311	.138	.297
MIN RADIUS	.427	.248	.305
MEAN RADIUS	1.130	1.052	.989
MAX RADIUS	1.660	1.505	1.456
HORIZONTAL SPREAD	2.594	2.594	2.256
VERTICAL SPREAD	2.656	2.305	2.305
EXTREME SPREAD	2.959	2.931	2.648
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

7 Dec 1958

FILE:/PATTERNING/CENTERFIRE_PATT/06594519

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 6

3 in = 10

HS = 2.146

VS = 2.157

GS = 2.479

CENTROID *

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.188
MINIMUM X	-0.958
MAXIMUM Y	0.802
MINIMUM Y	-1.355
CENTROID X	-0.106
CENTROID Y	0.060
POA TO CENTROID in.	0.121
MIN RADIUS	0.432
MEAN RADIUS	0.876
MAX RADIUS	1.433
HORIZONTAL SPREAD	2.146
VERTICAL SPREAD	2.157
EXTREME SPREAD	2.479
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	6
NUMBER IN THREE INCH CIRCLE =	10

7 Dec 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08594513

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 9

HS = 2.493

VS = 1.883

GS = 2.889

CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.371	1.266	1.056
MINIMUM X	:	-1.122	-.969	-.811
MAXIMUM Y	:	.985	1.033	.934
MINIMUM Y	:	-.898	-.789	-.819
CENTROID X	:	.021	-.132	-.390
CENTROID Y	:	.196	.087	.186
POA TO CENTROID in.	:	.197	.158	.344
MIN RADIUS	:	.364	.437	.256
MEAN RADIUS	:	.983	.889	.789
MAX RADIUS	:	1.688	1.491	1.057
HORIZONTAL SPREAD	:	2.493	2.235	1.867
VERTICAL SPREAD	:	1.883	1.822	1.753
EXTREME SPREAD	:	2.899	2.356	1.877
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

7 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06594519

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.839

VS= 2.351

GS= 3.454

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.485	1.213	1.062
MINIMUM X	:	-1.374	-1.211	-1.393
MAXIMUM Y	:	1.039	.936	.889
MINIMUM Y	:	-1.312	-1.415	-1.298
CENTROID X	:	-.013	-.176	-.025
CENTROID Y	:	-.176	-.073	-.190
POA TO CENTROID in.	:	.177	.191	.192
MIN RADIUS	:	.380	.499	.376
MEAN RADIUS	:	1.028	.935	.851
MAX RADIUS	:	1.735	1.585	1.415
HORIZONTAL SPREAD	:	2.839	2.424	1.955
VERTICAL SPREAD	:	2.351	2.351	2.187
EXTREME SPREAD	:	3.454	3.039	2.913
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00028198** Serial: C6594519 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: Closed 6/5/01 10:19 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **TRANSPORTATION OFFICER** **TRANSPORTATION OFFICER**

Address 1: **COOK DR_KNOX ST** **COOK DR_KNOX ST**

Address 2: PO Box PO Box

City: **FORT BRAGG** **FORT 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

Phone:

Fax:

Email:

Comments:

Received Condition

Pool:

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1

Repair Search Refresh Close

maglev 6/5/01 11:22 AM CAPS NUM TWS SCPL

Start Inbox Part SAP Stoc Free Goog Arm 11:22 AM

Serial Number: **C6594519**

Model: **700**



RE00028198

BARBER - M24 0018515

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6594519
22 Jun 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0318
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2182
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .220505

THE AMR FOR THIS RIFLE IS: .9394

CENTROIDAL DISTANCES

Ø TO	1	.0985089
1 TO	2	.162484
1 TO	3	.480227
1 TO	4	.139488
1 TO	5	.1386

2+ <----POA
54
3

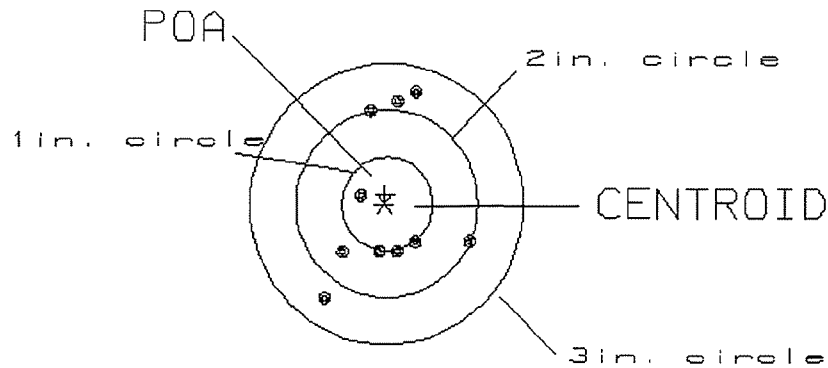
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .098
 MIN RADIUS : .317
 MEAN RADIUS : .810
 MAX RADIUS : 1.280
 CENTROID X : -.010
 CENTROID Y : -.098

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594519

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.62
 VS= 2.21
 GS= 2.45

2
 7
 10

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: C 2 C

POA TO CENTROID: .134

MIN RADIUS : .336

MEAN RADIUS : .893

MAX RADIUS : 1.519

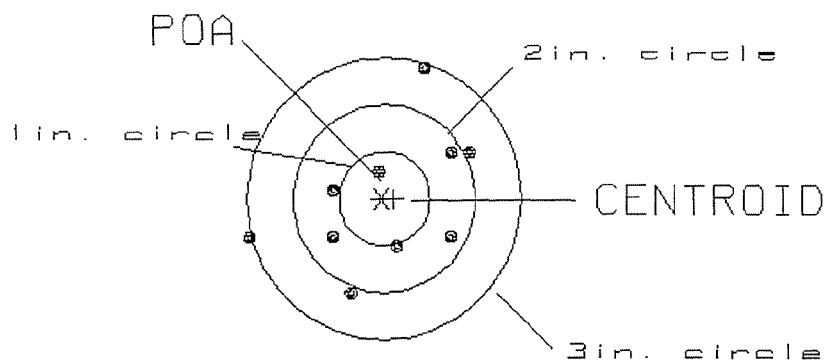
CENTROID X : -.134

CENTROID Y : .007

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594519

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.40

1

VS= 2.36

6

GS= 2.60

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

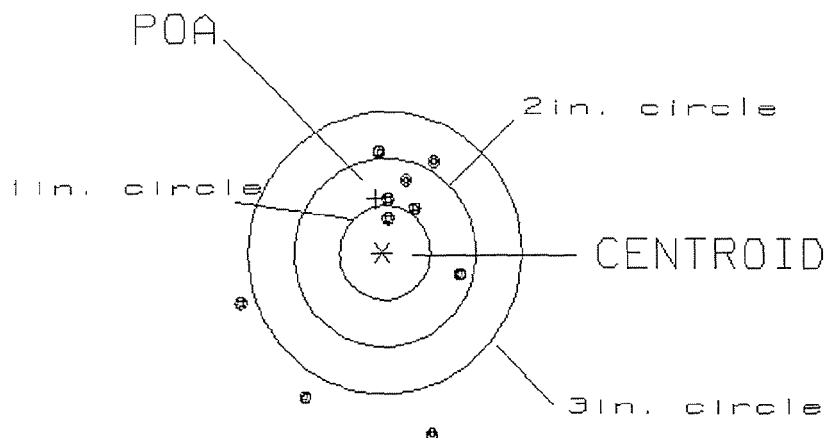
PATTERN #: 3

POA TO CENTROID: .576
 MIN RADIUS : .334
 MEAN RADIUS : 1.070
 MAX RADIUS : 2.047
 CENTROID X : .073
 CENTROID Y : -.571

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594519

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.33

1

VS= 3.01

5

GS= 3.06

7

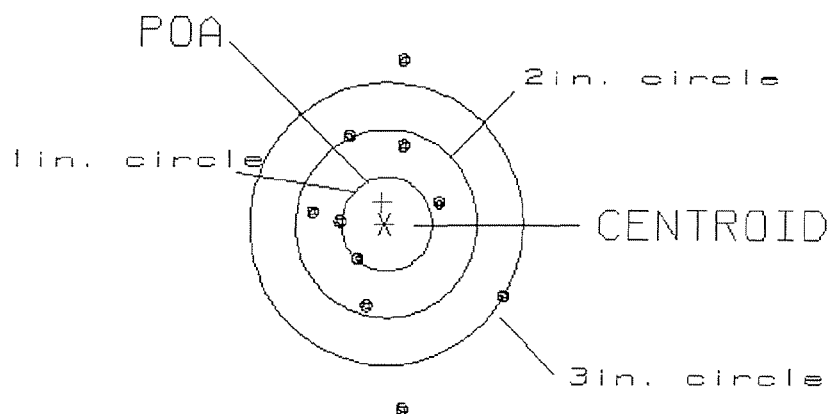
PATTERN #: 4

POA TO CENTROID: .235
 MIN RADIUS : .511
 MEAN RADIUS : 1.057
 MAX RADIUS : 1.948
 CENTROID X : .021
 CENTROID Y : -.234

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594519

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.16

0

VS= 3.70

6

GS= 3.70

7

BARBER - M24 0018520

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID: .223

MIN RADIUS : .379

MEAN RADIUS : .867

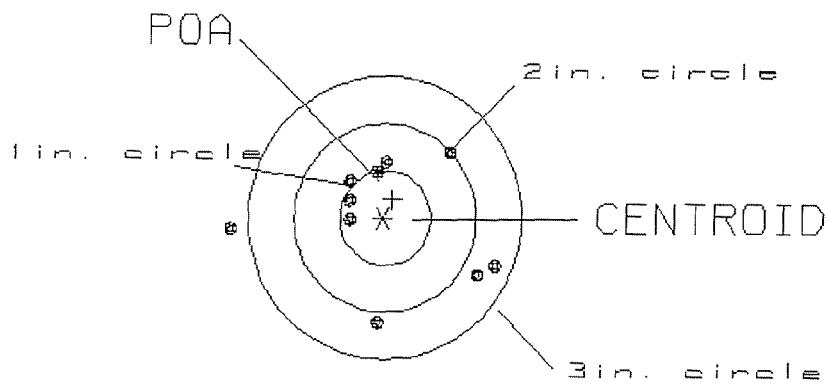
MAX RADIUS : 1.652

CENTROID X : -.109

CENTROID Y : -.195

22 Jun 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6594519

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.90

3

VS= 1.81

6

GS= 2.93

9