

C6587753

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: **RE00009441** Serial: C6587753 Model 700 Center Fire Caliber: 7.62 NATO M-24 (SWS) Repairman: Status: New 5/18/00 2:30:00 PM

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **HSC 3RD BN, 3RD SFG (A)** **HSC 3RD BN, 3RD SFG (A)**

Address 1: 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**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing															
Contact Information Phone: Fax: Email: Comments:	Received Condition Poor Condition Notes: CSR Notes:	Accessories Received <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>2</td> </tr> <tr> <td>A008</td> <td>With Swivel</td> <td>2</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> </tbody> </table>			Code	Desc	Qty	A007	With Stud	2	A008	With Swivel	2	A010	Hard Case	1	A017	Scope Base	1
Code	Desc	Qty																	
A007	With Stud	2																	
A008	With Swivel	2																	
A010	Hard Case	1																	
A017	Scope Base	1																	

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

magletj 5/18/00 3:03 PM CAPS NUM INS SCRL

Start Inb... Micr... SA... Nag... Audit R&... Ar... RE... Prin... 3:03 PM

Serial Number:

C6587753Model: **700**

96003 - BBL

**RE00009441**

BARBER - M24 0026445

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6587753
8 Sep 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0328
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .004
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .033043

THE AMR FOR THIS RIFLE IS: .9878

CENTROIDAL DISTANCES

0	TO	1	.164712
1	TO	2	.192315
1	TO	3	.238315
1	TO	4	.256008
1	TO	5	.183349

$\frac{5}{1}$ <----POA
2

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

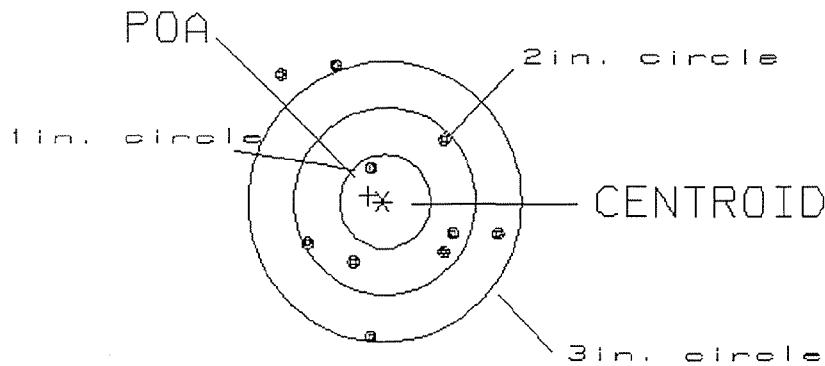
PATTERN #: 1

POA TO CENTROID: .165
 MIN RADIUS : .368
 MEAN RADIUS : 1.070
 MAX RADIUS : 1.785
 CENTROID X : .153
 CENTROID Y : -.061

8 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587753.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.41
 VS= 2.90
 GS= 2.96

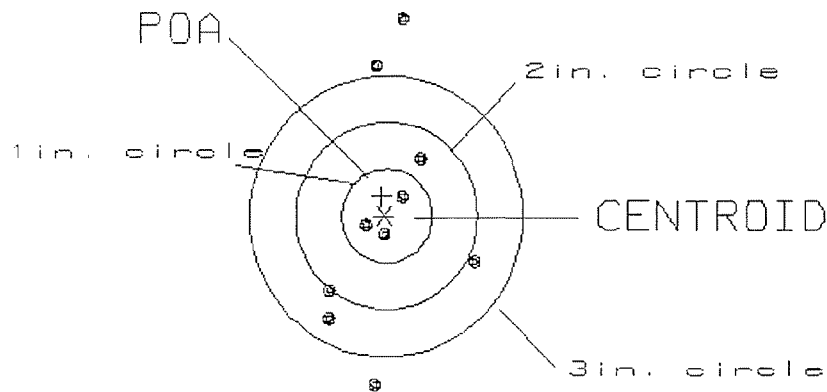
1
 6
 9

PATTERN #: 020
 POA TO CENTROID: .210
 MIN RADIUS : .196
 MEAN RADIUS : 1.032
 MAX RADIUS : 2.129
 CENTROID X : .029
 CENTROID Y : -.208

8 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587753.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.64
 VS= 3.92
 GS= 3.92

3
 4
 7

REMINGTON CENTERFIRE ACCURACY TEST

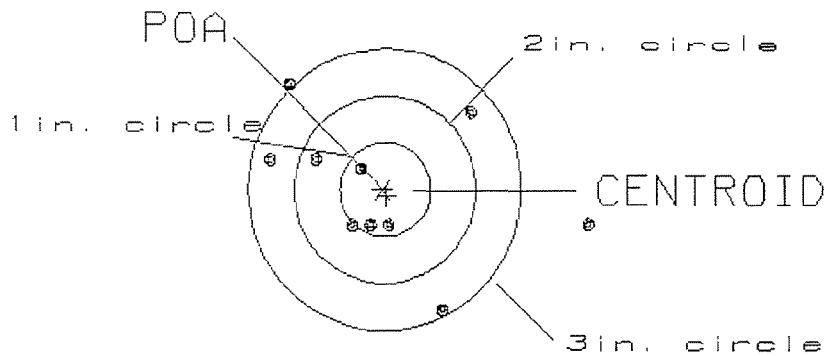
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .087
 MIN RADIUS : .390
 MEAN RADIUS : 1.034
 MAX RADIUS : 2.276
 CENTROID X : -.042
 CENTROID Y : .076

8 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587753.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.46

3

VS= 2.39

5

GS= 3.60

8

REMINGTON CENTERFIRE ACCURACY TEST

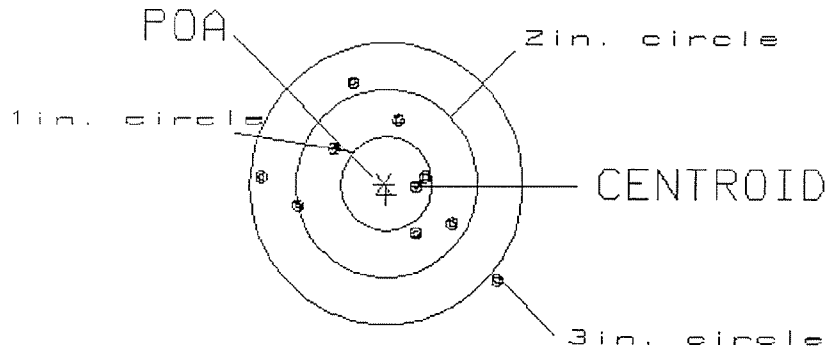
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .126
 MIN RADIUS : .360
 MEAN RADIUS : .875
 MAX RADIUS : 1.644
 CENTROID X : -.025
 CENTROID Y : .123

8 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587753.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.66

2

VS= 2.09

7

GS= 2.88

9

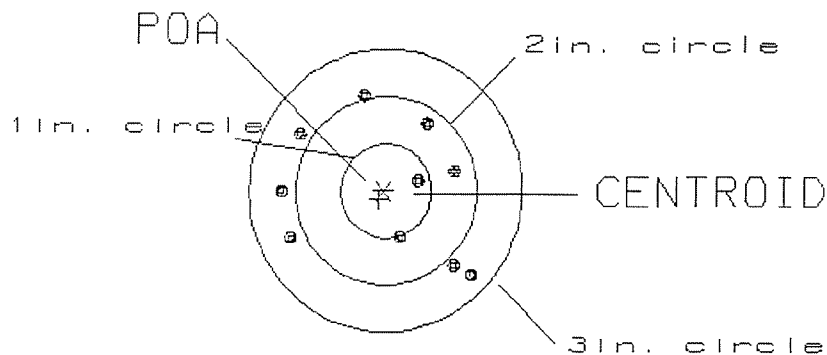
PATTERN #: 5

POA TO CENTROID: .103
 MIN RADIUS : .383
 MEAN RADIUS : .928
 MAX RADIUS : 1.272
 CENTROID X : .049
 CENTROID Y : .090

8 Sep 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6587753.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.08

2

VS= 1.89

4

GS= 2.36

10

Final Inspection

S.O. C6587753

DATE REC'D: 5-12-00

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]

GFM

CONTRACT # DAAA21-87-C-0086

Repair

GUN SERIAL # C6587753

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		2/12/93	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/12/93	RW
	C) Inspect Ejector Hole for Chamfer		2/12/93	RW
	D) Oil Firing Pin Ass'y		2/12/93	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/12/93	RW

op. #	BARBER - M24 0026454 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	4.5			2/12/93	RW
	G) Safety Off Force	3	3	2.5			2/12/93	RW
	H) Trigger Pull Test & Retainability						2/12/93	RW
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle						2/12/93	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						3/4/93	RW
	B) Trigger Pull	2.35	2.29	2.42	2.30	2.37	3/4/93	RW
	C) Function						3/4/93	RW
660	Pack							

SWS TRIGGER PULL TEST

New trigger Assy

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587753DATE 2/12/93TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.38	2.36	2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.50	2.53	2.27	
PULL #3	2.40	2.41	2.27	
PULL #4	2.50	2.45	2.25	
PULL #5	2.21	2.41	2.35	
TOTAL	11.99	12.16	11.62	
AVG.	2.40	2.43	2.32	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.22	3.17	
PULL #2	3.20	3.15	
PULL #3	3.00	3.15	
PULL #4	3.09	3.03	
PULL #5	3.03	3.13	
TOTAL	15.54	15.63	
AVG.	3.11	3.13	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.13	4.02		4.03
PULL #2	4.07	4.09		4.15
PULL #3	4.05	4.11		4.04
PULL #4	4.06	4.01		4.24
PULL #5	4.02	4.04		4.14
TOTAL	20.33	20.27		20.60
AVG.	4.07	4.05		4.12

RECEIVING AND ESTIMATE REPORT

COMMENTS

ORDER

R 93-02482

INITIAL CUSTOMER ORDER NO.

WOG 29 OF 30 W/10X SCOPE & DEPLOYMENT KIT
M-24

FPS

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

01/25/93

01/25/93

EK 10-90

C6587753

700 7-62

NATO

ACCESSORIES

W/STUDS

W/SWIVELS

SOFT CASE

SCOPE BASE

FROM:

SHIP TO:

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

NC 28307

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

NC

28307

CUST NO: 073985 C.O.D L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

CLEAN/TEST

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

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

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 002649826495

Remington
MODEL 700™ H24

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

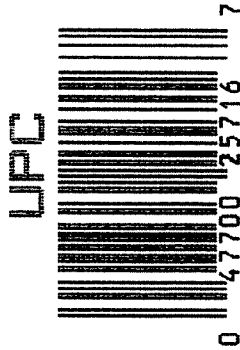
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

SERIAL NO.
C6587753

ORDER NO.
5716

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

20



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587753

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1019	50	RW
600	Proof	1019	90	RW
607	Check Headspace	1010	40	RW
610	Dis-assemble Gun	1010	30	RW
612	Magnaflux Barrel Action		10/23/90	KR
	Magnaflux Bolt		10/23/90	KR
615	Rollmark Caliber		10/23/90	LS.
617	Drill and Tap Sight Holes		10/26/90	WB
618	Polish Barrel <i>WB</i>		10/29/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/20/90	WB

op. #	BARBER - M24 0026459 OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	11/21/90	WB		
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	11/21/90	WB		
	H) Trigger Pull Test & Retainability				11/20/90	WB		
	I) Firing Pin Indent	.0215	.0225	.022	11/21/90	WB		
	J) Assemble Stock				12/3/90	RW		
	K) Assemble Swivel Studs				12-7-90	JB		
	L) Attach Front and Rear Sight Assemblies				12/3/90	RW		
	M) Iron Sight Alignment				12/3/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				12/3/90	RW		
	O) Attach Scope to Rifle				12/3/90	RW		
	P) Detach & Attach Scope 20 Times				12/3/90	RW		
640	Gallery Target & Test				12/3/90	AF		
	A) Time				"	AF		
	B) Malfunctions				"	AF		
	C) Pierced Primers				"	AF		
	D) Optical Clarity of Scope				"	AF		
645	Inspect for Live Ammo				12/3/90	AF		
655	Final Inspection							
	A) Headspace				12-7-90	JB		
	B) Trigger Pull	250	248	237	249	253	12-7-90	JB
	C) Function						12-7-90	JB
660	Pack						12-9-90	DH

6

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6587753

DATE 11/20/80

TESTER WLB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.49	2.43	250	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.43	2.44	2.40	248	
PULL #3	2.38	2.46	2.40	237	
PULL #4	2.45	2.41	2.39	249	
PULL #5	2.30	2.39	2.25	253	
TOTAL	11.96	12.19	11.87		
AVG.	2.39	2.44	2.37		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.03	3.13		
PULL #2	3.00	3.07		
PULL #3	3.15	3.07		
PULL #4	3.10	3.09		
PULL #5	3.19	3.11		
TOTAL	15.47	15.42		
AVG.	3.09	3.08		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.11	4.07		4.00
PULL #2	4.08	4.12		4.01
PULL #3	4.09	4.15		4.06
PULL #4	4.01	4.02		3.97
PULL #5	4.03	4.08		4.08
TOTAL	20.32	20.44		20.12
AVG.	4.06	4.09		4.02

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587753
4 Dec 1998

CENTROIDAL DISTANCES

0 TO	1	.333096
1 TO	2	.323446
1 TO	3	.173254
1 TO	4	.427674
1 TO	5	.673215

0.5 <----POA

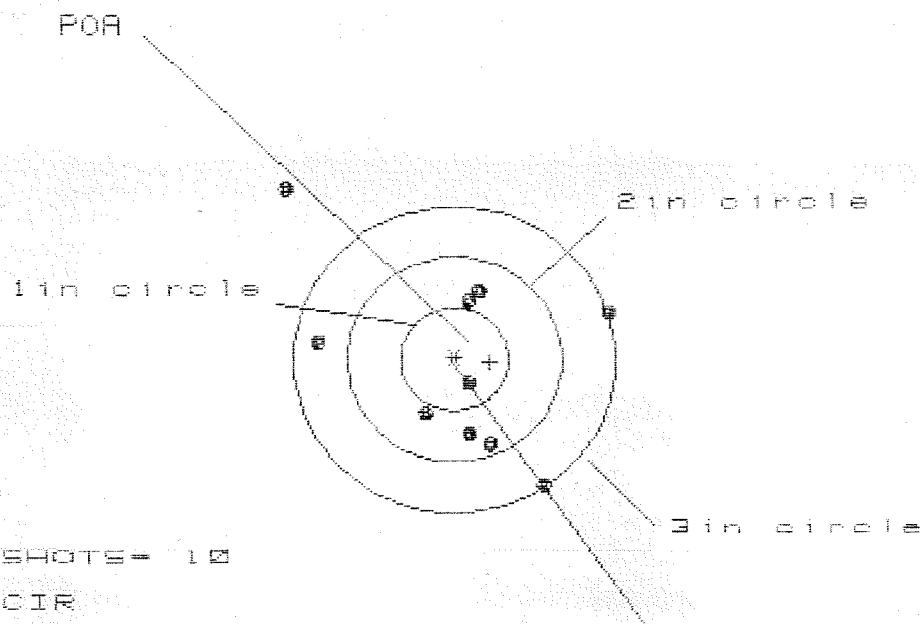
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0166
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0342
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0380158
THE AMR FOR THIS RIFLE IS: .9158

4 Dec 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8587753

CENTERFIRE PATTERNS

1



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 2.985

VS= 2.882

GS= 3.733

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.396	1.220	.760
MINIMUM X	-1.589	-1.424	-1.272
MAXIMUM Y	1.625	.878	.965
MINIMUM Y	-1.257	-1.076	-.989
CENTROID X	-.332	-.156	-.308
CENTROID Y	.027	-.154	-.241
POA TO CENTROID in.	.333	.219	.391
MIN RADIUS	.259	.072	.106
MEAN RADIUS	1.032	.846	.758
MAX RADIUS	2.273	1.468	1.347
HORIZONTAL SPREAD	2.985	2.644	2.032
VERTICAL SPREAD	2.882	1.954	1.954
EXTREME SPREAD	3.733	2.666	2.486
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587753

CENTERFIRE PATTERNS # 2

POR

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 1.356

VS= 2.266

GS= 2.641

PATTERN #	2		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.624	.520	.437
MINIMUM X	-.732	-.662	-.383
MAXIMUM Y	1.477	.822	.744
MINIMUM Y	-.789	-.625	-.494
CENTROID X	-.016	-.086	-.003
CENTROID Y	-.042	-.206	-.128
POR TO CENTROID in.	.045	.224	.128
MIN RADIUS	.202	.199	.258
MEAN RADIUS	.679	.539	.500
MAX RADIUS	1.604	.910	.775
HORIZONTAL SPREAD	1.356	1.182	.820
VERTICAL SPREAD	2.266	1.447	1.238
EXTREME SPREAD	2.641	1.789	1.341
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

4 Dec 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6587753

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 0

2 in = 4

3 in = 6

HS = 3.123

VS = 3.312

GS = 3.881

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.847	1.735	1.178
MINIMUM X	:	-1.276	-1.388	-1.171
MAXIMUM Y	:	2.198	.958	1.059
MINIMUM Y	:	-1.114	-.870	-.769
CENTROID X	:	-.171	-.059	-.276
CENTROID Y	:	.091	-.153	-.254
POA TO CENTROID in.	:	.194	.164	.375
MIN RADIUS	:	.641	.649	.472
MEAN RADIUS	:	1.284	1.139	1.007
MAX RADIUS	:	2.417	1.913	1.361
HORIZONTAL SPREAD	:	3.123	3.123	2.349
VERTICAL SPREAD	:	3.312	1.828	1.828
EXTREME SPREAD	:	3.881	3.348	2.449
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587753

CENTERFIRE PATTERNS # 4

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 4

2in = 9

3in = 10

HS= 1.803

VS= 1.491

GS= 2.120

CENTROID #

PATTERN #	4	4	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.061	.777	.710
MINIMUM X	-.742	-.624	-.691
MAXIMUM Y	.486	.375	.313
MINIMUM Y	-1.005	-.489	-.128
CENTROID X	.095	-.023	.044
CENTROID Y	.051	.162	.224
POR TO CENTROID in.	.107	.164	.228
MIN RADIUS	.155	.048	.046
MEAN RADIUS	.582	.445	.402
MAX RADIUS	1.462	.779	.710
HORIZONTAL SPREAD	1.803	1.401	1.401
VERTICAL SPREAD	1.491	.864	.441
EXTREME SPREAD	2.120	1.423	1.402
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		9	
NUMBER IN THREE INCH CIRCLE =		10	

4 Dec 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6387753

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 4

3in = 8

HS = 2.932

VS = 2.766

GS = 3.085

CENTROID #

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.685
MINIMUM X	-1.247
MAXIMUM Y	1.110
MINIMUM Y	-1.656
CENTROID X	.341
CENTROID Y	.044
POA TO CENTROID in.	.343
MIN RADIUS	.088
MEAN RADIUS	1.002
MAX RADIUS	1.789
HORIZONTAL SPREAD	2.932
VERTICAL SPREAD	2.766
EXTREME SPREAD	3.085
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	4
NUMBER IN THREE INCH CIRCLE =	8

