

E670 3451

**MODEL 700™ M24**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

DOCUMENT ENVELOPE ASSEMBLY:  
- INSTRUCTION BOOK  
- PRODUCT OWNER'S CARD  
- SAFETY BOOKLET

46 FORM 1444

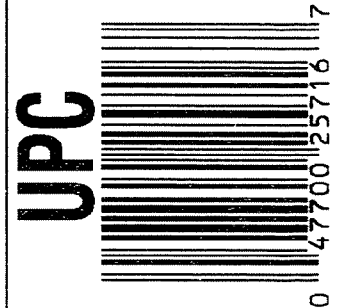


ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

**E6703451**



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

**Remington®**

**MODEL 700™ M24**  
**BOLT ACTION CENTERFIRE RIFLE**  
**24" BARREL 7.62 NATO**

Made in Union, N.Y. Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Déposée.

SERIAL NO. **J**  
**E6703451**

ORDER NO. **25716**

46

**11CV**

5716 E6703451

**ORDER 25716**

MODEL 700™ M24

**UPC**



**ORDER 25716**

MODEL 700™ M24

**UPC**



SERIAL NO.







DEPARTMENT OF THE AIR FORCE

90TH SPACE WING (AFSPC)

03 Jan 06

MEMORANDUM FOR 90 TRF

FROM: 90 TRF/MSgt Johns  
5402 15<sup>th</sup> Cavalry Drive  
F.E. Warren AFB, WY 82005

SUBJECT: Rifle Repair

1. Hello, I am sending a Model 700, Serial #E6703451 in for repair. The bolt does not extract the casings very well after a round is fired and it is difficult to put a round into the weapon. I would imagine that is the extractor or something of that nature.

2. Please refer any questions to MSgt Johns at ext 307-773-6617 or email [joseph.johns@warren.af.mil](mailto:joseph.johns@warren.af.mil).

A handwritten signature in black ink, appearing to read "JD Johns", is located to the right of the text.

JOSEPH D. JOHNS, MSgt, USAF  
Training and Resource, 90 TRF

GUARDIANS OF THE HIGH FRONTIER

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6703451.\_\_\_0

FILE DATE AND TIME: 01/16/2006 11:39

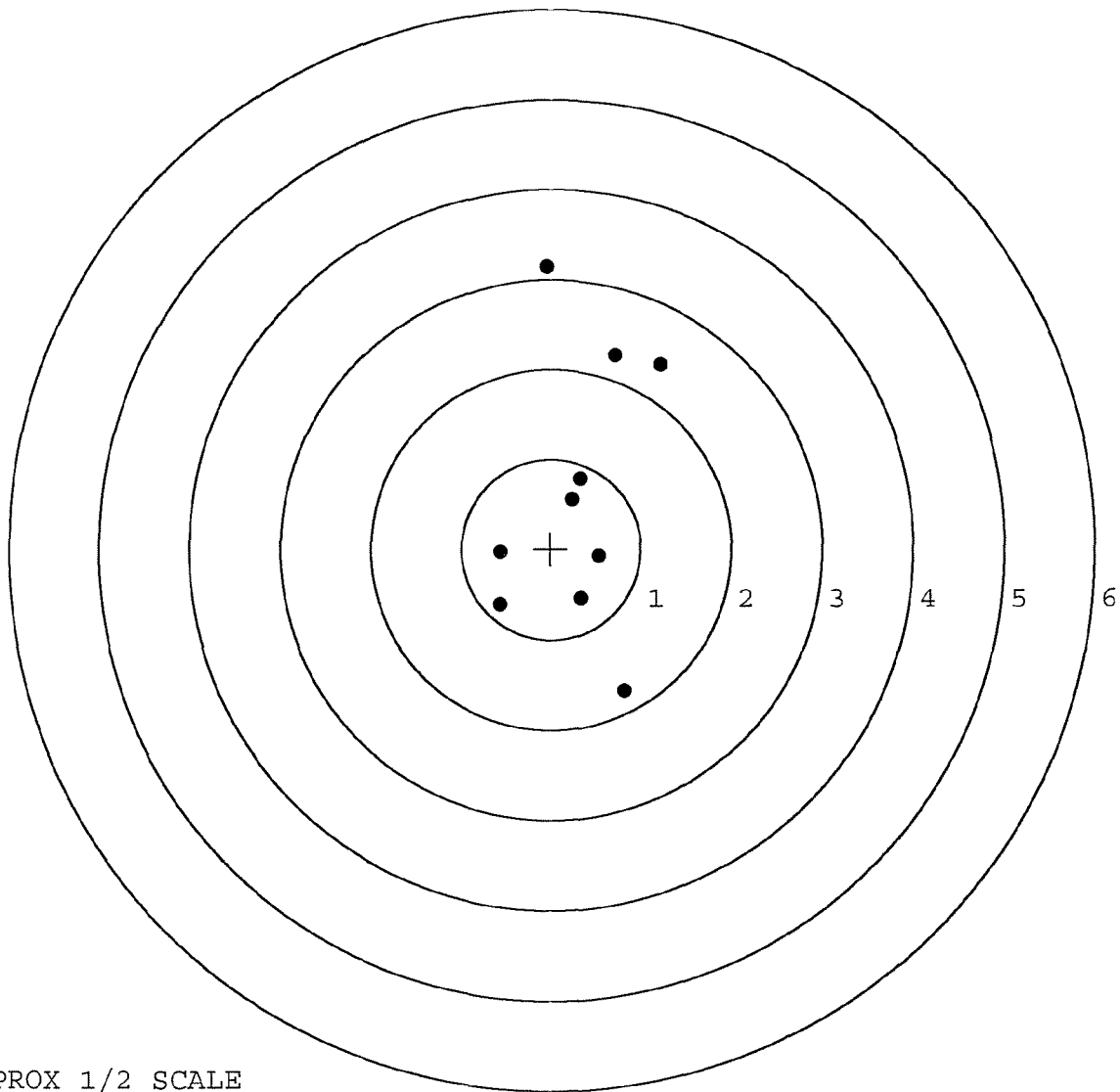
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.211
The Average Y Centroid of the Five Target Set:	0.156
The Average Point of Impact of the Five Target Set:	0.263
The Average Mean Radius of the Five Target Set:	0.913
The Distance from POA to Centroid Target #1:	0.656
The Distance from Centroid Target #2 to Centroid Target #1:	0.442
The Distance from Centroid Target #3 to Centroid Target #1:	0.601
The Distance from Centroid Target #4 to Centroid Target #1:	0.714
The Distance from Centroid Target #5 to Centroid Target #1:	0.588

SERIAL NUMBER: E6703451. \_\_0  
 TARGET NUMBER: 1  
 FILE DATE: 01/16/2006  
 FILE TIME: 11:39

POINT#	X	Y
1:	0.338	-0.553
2:	0.536	-0.083
3:	0.240	0.547
4:	0.330	0.786
5:	-0.566	-0.034
6:	-0.569	-0.619
7:	0.826	-1.568
8:	1.215	2.049
9:	0.717	2.158
10:	-0.049	3.136

X CENTROID: 0.302  
 Y CENTROID: 0.582  
 POA TO CENTROID: 0.656  
 HORZ SPREAD: 1.784  
 VERT SPREAD: 4.704  
 GROUP SPREAD: 4.785  
 MIN RADIUS: 0.071  
 MAX RADIUS: 2.578  
 MEAN RADIUS: 1.281  
 # IN 1 IN DIAMETER: 2  
 # IN 2 IN DIAMETER: 3  
 # in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6703451. \_\_0

TARGET NUMBER: 2

FILE DATE: 01/16/2006

FILE TIME: 11:39

POINT#	X	Y
--------	---	---

1:	0.713	-0.646
----	-------	--------

2:	0.313	-0.479
----	-------	--------

3:	-0.081	-1.035
----	--------	--------

4:	0.523	0.086
----	-------	-------

5:	0.311	0.303
----	-------	-------

6:	-0.214	-0.182
----	--------	--------

7:	-0.686	0.592
----	--------	-------

8:	-0.455	0.999
----	--------	-------

9:	-0.177	1.064
----	--------	-------

10:	-0.194	1.837
-----	--------	-------

X CENTROID: 0.005

Y CENTROID: 0.254

POA TO CENTROID: 0.254

HORZ SPREAD: 1.399

VERT SPREAD: 2.872

GROUP SPREAD: 2.874

MIN RADIUS: 0.310

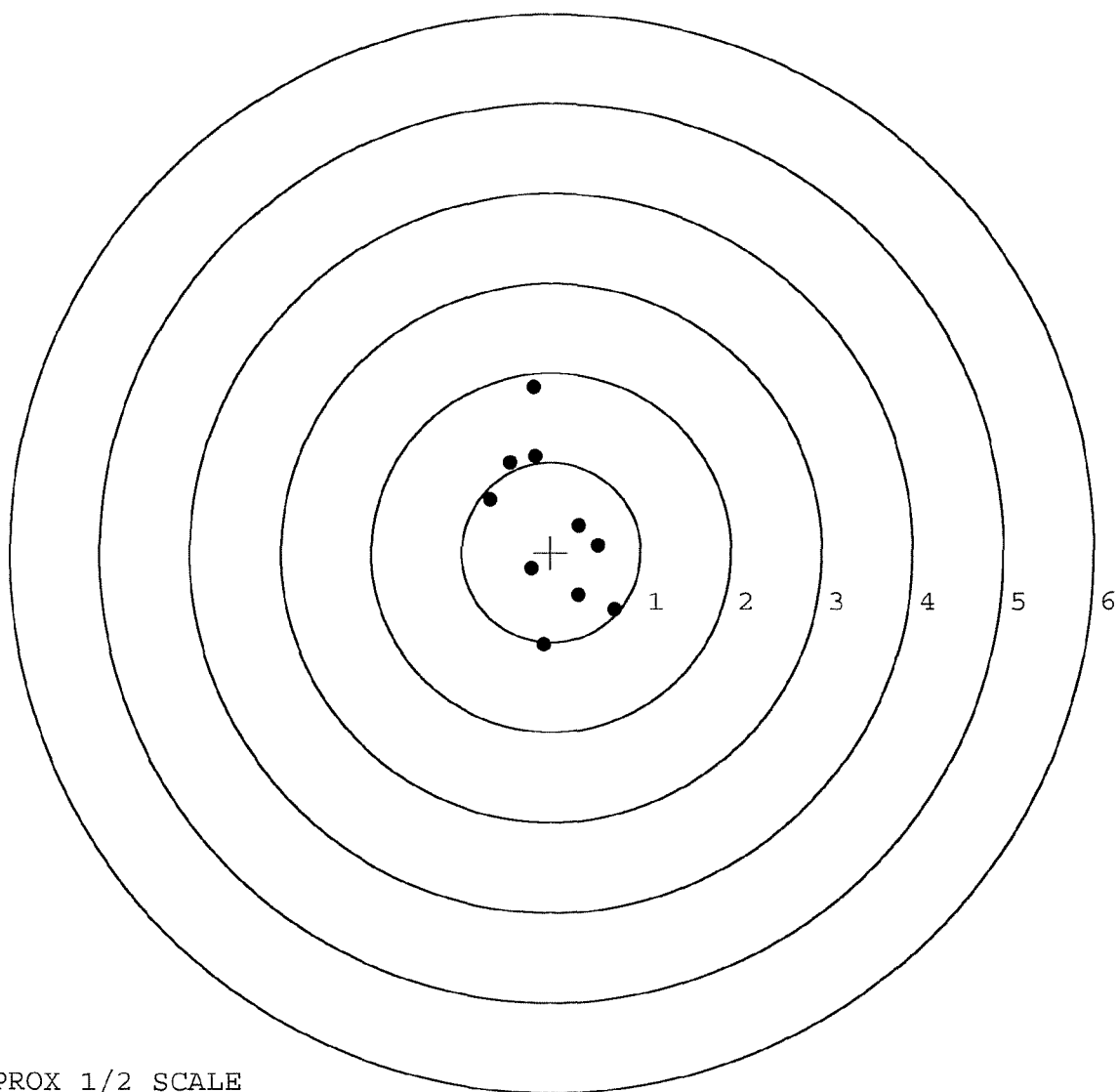
MAX RADIUS: 1.596

MEAN RADIUS: 0.864

# IN 1 IN DIAMETER: 2

# IN 2 IN DIAMETER: 7

# in 3 IN DIAMETER: 9



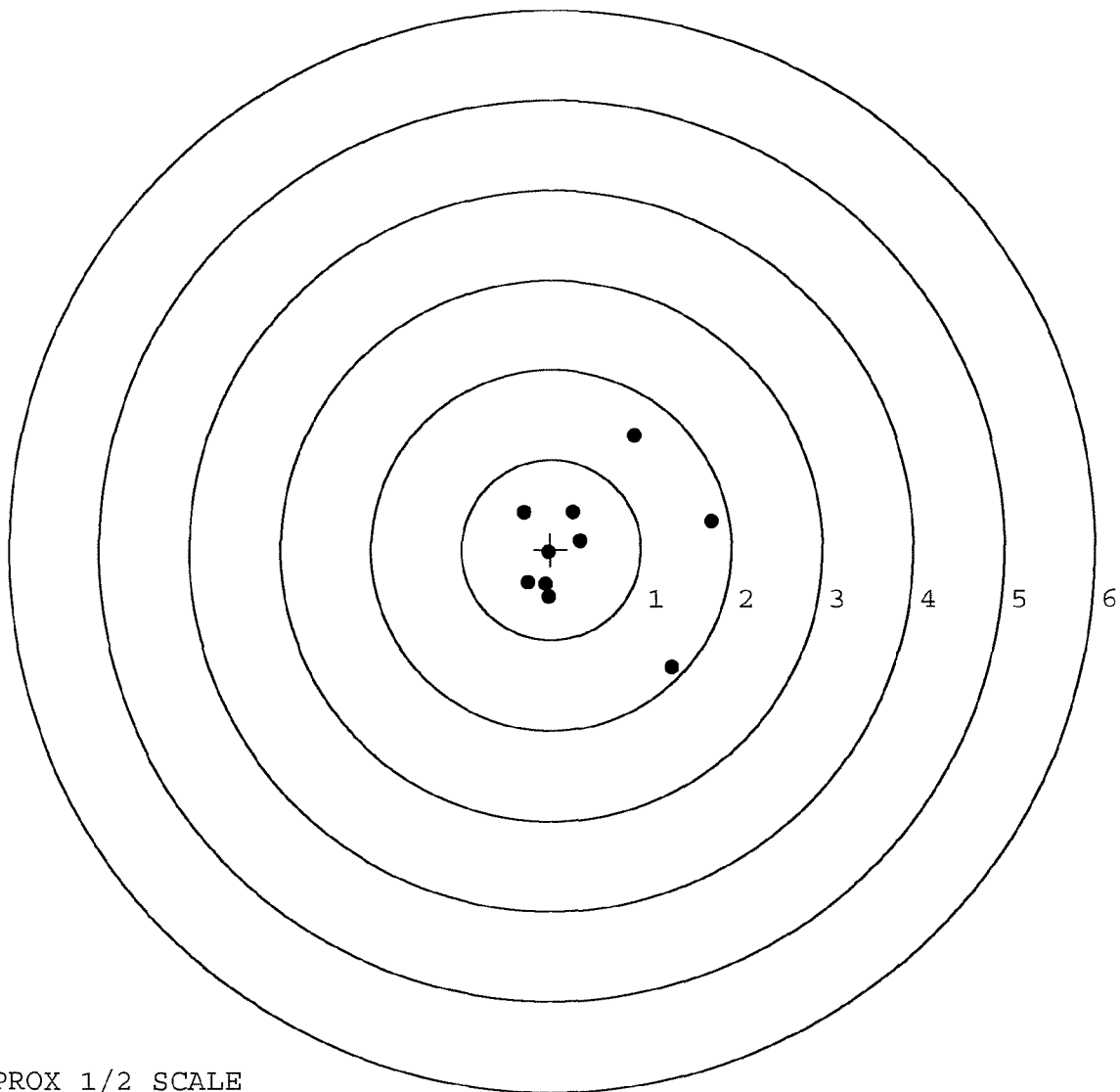
TARGET APPROX 1/2 SCALE



SERIAL NUMBER: E6703451. \_\_0  
TARGET NUMBER: 3  
FILE DATE: 01/16/2006  
FILE TIME: 11:39

POINT#	X	Y
1:	-0.028	-0.530
2:	-0.065	-0.390
3:	-0.255	-0.373
4:	-0.028	-0.030
5:	0.324	0.105
6:	0.246	0.417
7:	-0.306	0.417
8:	1.341	-1.315
9:	1.775	0.318
10:	0.923	1.264

X CENTROID: 0.393  
Y CENTROID: -0.012  
POA TO CENTROID: 0.393  
HORZ SPREAD: 2.081  
VERT SPREAD: 2.579  
GROUP SPREAD: 2.613  
MIN RADIUS: 0.135  
MAX RADIUS: 1.612  
MEAN RADIUS: 0.825  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 7  
# in 3 IN DIAMETER: 9

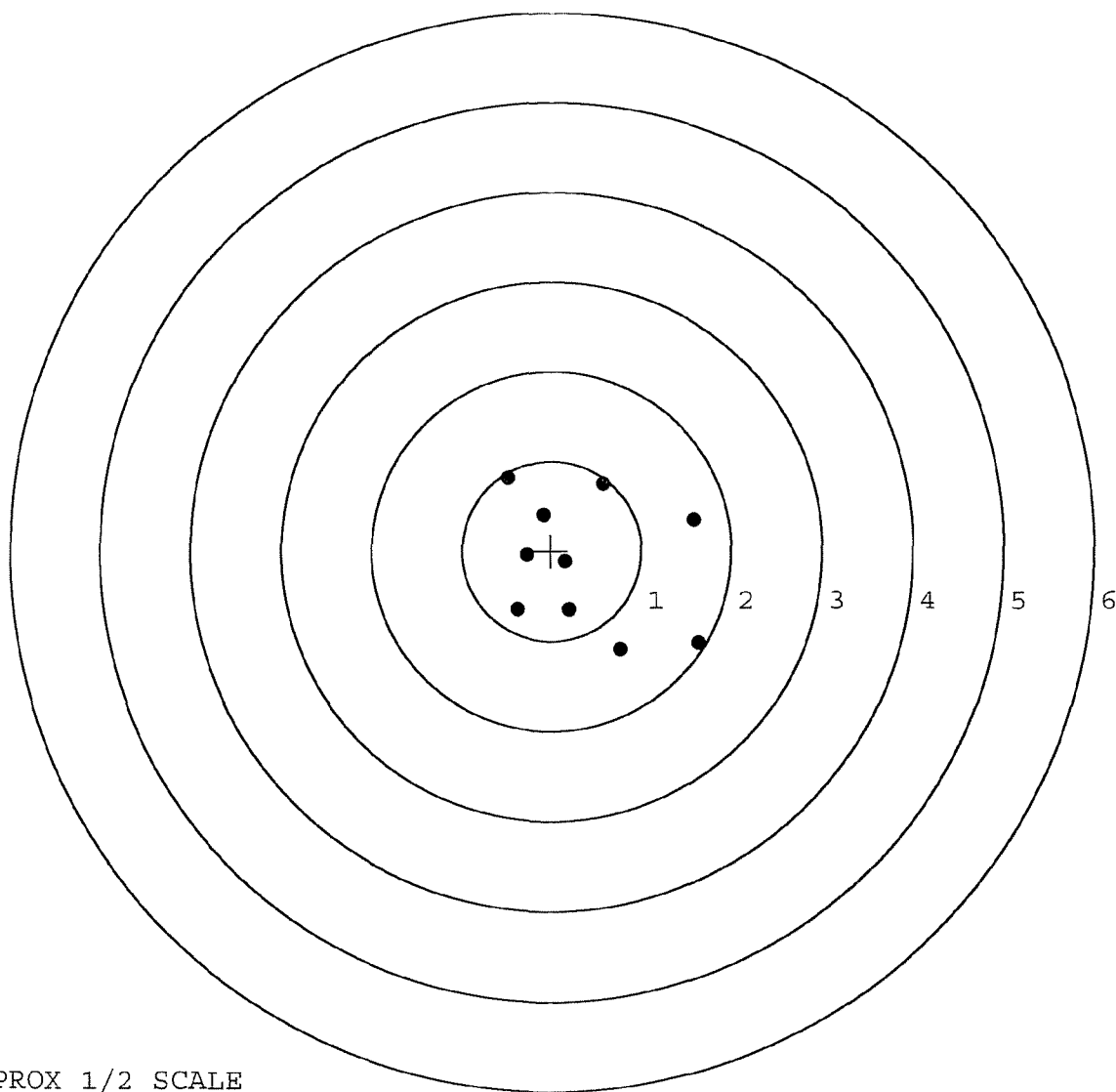


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6703451. \_\_0  
TARGET NUMBER: 4  
FILE DATE: 01/16/2006  
FILE TIME: 11:39

POINT#	X	Y
1:	1.638	-1.026
2:	0.768	-1.097
3:	1.584	0.351
4:	0.575	0.753
5:	-0.492	0.807
6:	-0.092	0.405
7:	-0.269	-0.042
8:	0.158	-0.123
9:	0.204	-0.658
10:	-0.374	-0.659

X CENTROID: 0.370  
Y CENTROID: -0.129  
POA TO CENTROID: 0.392  
HORZ SPREAD: 2.130  
VERT SPREAD: 1.904  
GROUP SPREAD: 2.810  
MIN RADIUS: 0.212  
MAX RADIUS: 1.553  
MEAN RADIUS: 0.911  
# IN 1 IN DIAMETER: 1  
# IN 2 IN DIAMETER: 6  
# in 3 IN DIAMETER: 9

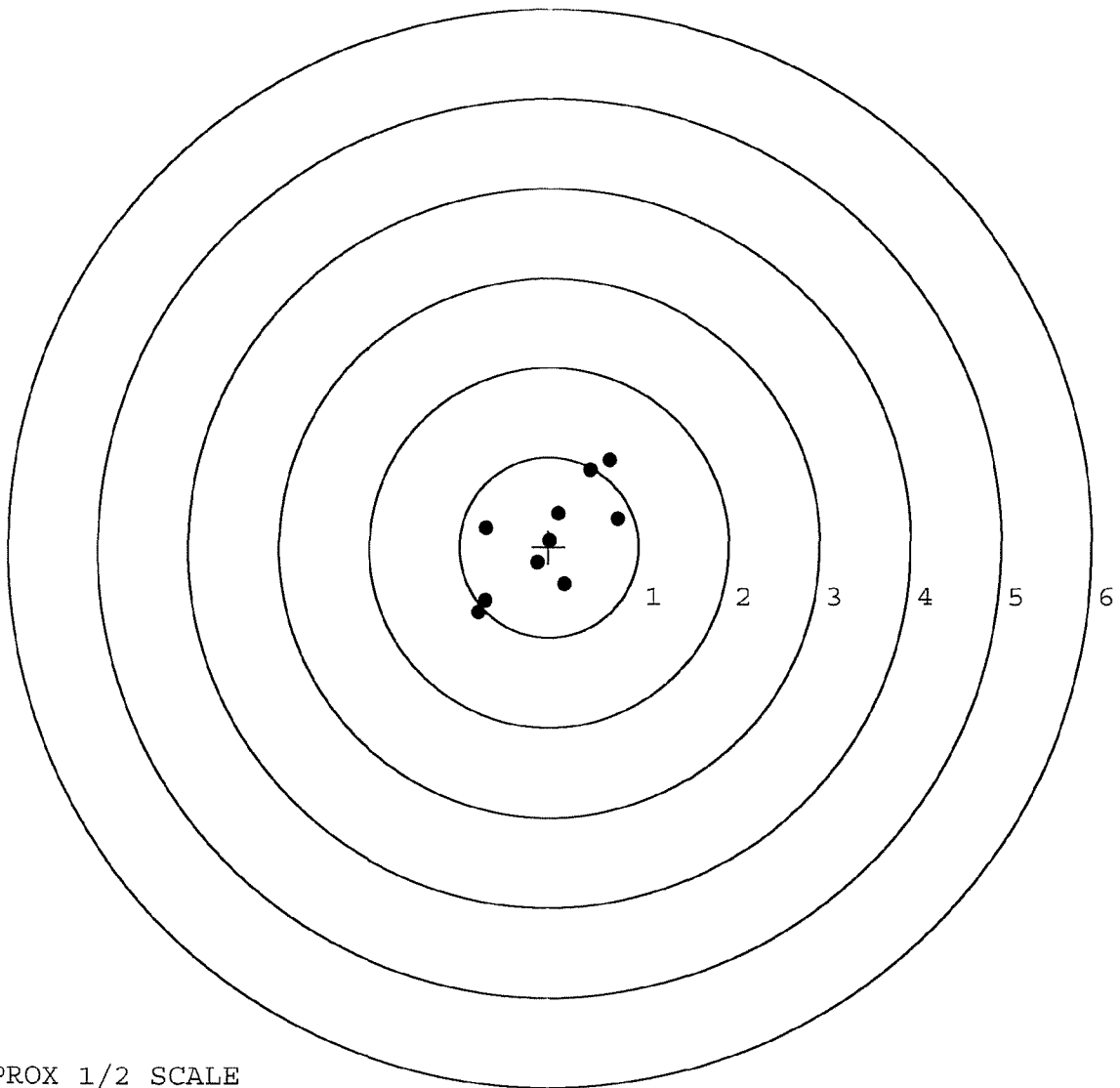


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6703451.\_\_\_\_0  
TARGET NUMBER: 5  
FILE DATE: 01/16/2006  
FILE TIME: 11:39

POINT#	X	Y
1:	-0.790	-0.731
2:	-0.711	-0.599
3:	-0.707	0.212
4:	0.177	-0.418
5:	0.766	0.311
6:	0.678	0.960
7:	0.464	0.856
8:	0.104	0.372
9:	0.009	0.069
10:	-0.132	-0.177

X CENTROID: -0.014  
Y CENTROID: 0.086  
POA TO CENTROID: 0.087  
HORZ SPREAD: 1.556  
VERT SPREAD: 1.691  
GROUP SPREAD: 2.239  
MIN RADIUS: 0.028  
MAX RADIUS: 1.126  
MEAN RADIUS: 0.681  
# IN 1 IN DIAMETER: 3  
# IN 2 IN DIAMETER: 8  
# in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE



DEPARTMENT OF THE AIR FORCE

90TH SPACE WING (AFSPC)

03 Jan 06

MEMORANDUM FOR 90 TRF

FROM: 90 TRF/MSgt Johns  
5402 15<sup>th</sup> Cavalry Drive  
F.E. Warren AFB, WY 82005

SUBJECT: Rifle Repair

1. Hello, I am sending a Model 700, Serial #E6703451 in for repair. The bolt does not extract the casings very well after a round is fired and it is difficult to put a round into the weapon. I would imagine that is the extractor or something of that nature.

2. Please refer any questions to MSgt Johns at ext 307-773-6617 or email [joseph.johns@warren.af.mil](mailto:joseph.johns@warren.af.mil).

JOSEPH D. JOHNS, MSgt, USAF  
Training and Resource, 90 TRF

GUARDIANS OF THE HIGH FRONTIER



**REMINGTON ARMS COMPANY, INC.**

**MILITARY PRODUCTS DIVISION**

870 REMINGTON DRIVE - P.O. BOX 700  
MADISON, NORTH CAROLINA 27025-0700  
TELEPHONE 336-548-8899  
FAX 336-548-8798

**TURN-IN PROCEDURES FOR  
M24 SNIPER WEAPON SYSTEMS (SWS)  
REQUIRING CONTRACTOR REPAIR**

The following offline procedures must be used for returning M24 SWS for contractor (Remington Arms Co. Inc.) repair. If the procedures are not complied with; the repair of your weapon(s) will be delayed until required data is provided. Compliance with these procedures is being emphasized to the contractor. Units, which do not comply upon request, will be reported to the Provost Marshal.

1. For CONUS units and those OCONUS units with access to US Registered Mail Service for both shipping and receiving weapons:
  - A. When it is determined that SWS requires repair above operator level, notify the Installation Accountable Property Officer.
    - 1) The Installation Accountable Property Officer will process an FTE (Report of Excess) and an AOE (Requisition with Exception Data) IAW the Materiel Returns Program as detailed in the Requisition Receipt and Issue System, chapter 7, AR 725-50, 19 Oct 90. Exception data is serial number of SWS, document number of FTE and point of contact to include commercial and/or DSN phone number.
    - 2) TACOM - ROCK ISLAND will respond with an FTR (reply to report of excess), directing shipment to Remington Arms Co. Inc.
    - 3) The SWS will be returned to the unit using the document number from the AOE.
2. For OCONUS units without access to US Registered Mail for both shipping and receiving weapons:
  - A. The procedures for the units are the same as for CONUS units.
  - B. TACOM - ROCK ISLAND will respond with an FTR directing shipment of the SWS to Anniston Army Depot, W31G1Z.
  - C. TACOM - ROCK ISLAND will direct Anniston to ship the SWS to Remington for repair.
  - D. When the SWS is returned to Anniston, the TACOM - ROCK ISLAND item manager will direct shipment of the SWS to the unit, using the document number from the AOE.
3. For all repair requirements, the following procedure must be used:
  - A. " DO NOT SUBMIT THESE TRANSACTIONS THROUGH AUTODIN "
  - B. The FTE and AOE may be phoned into TACOM - ROCK ISLAND, AMSTA-LC-CIAL, DSN 793-2774 or commercial (309) 782-2774.
  - C. Fax the above transactions to DSN 793-2640.
  - D. Electronic Mail: [BYNUMJ@RIA.ARMY.MIL](mailto:BYNUMJ@RIA.ARMY.MIL)

4. The above procedures will transfer the accountability of the SWS from the unit to the wholesale system. The SWS will not be repaired and returned to the unit unless the above procedures are followed. Regardless of how the weapon is delivered to the contractor, these procedures "must" be followed.
5. Mark in accordance with MIL-STD-129.
6. Shipments must be accomplished through the use of "US Registered Mail, Return Receipt Requested." The shipment must be addressed to:

Remington Arms Co., Inc.  
ATTN: Service Dept.  
14 Hoefler Avenue  
Ilion NY 13357-1816  
Contract No. DAAE20-02-C-0149

7. After the repair is completed, the items will be returned to the originating unit.
8. In the event US Registered Mail is not available, shipment of SWS must be accomplished through the use of the Defense Transportation System (DTS) and requires Category IV Transportation Protective Service (TPS) in transit. The defective SWS must be shipped to the following address:

Commander  
Anniston Army Depot  
ATTN: Transportation Officer  
Mark For: SDSAN-DSP-WD Bldg 112  
Anniston, AL 36201-5030  
UIC: W31G1Y  
DODAAC: W31G1Z

***After the repair is completed, the SWS will be returned to the originating unit.***

9. h. Reportable under DODSASP in accordance with chapter 4, AR 710-3, entitled "Asset and Transaction Reporting System." The DODAAC to be used for shipment to Remington Arms Co. Inc. is CMAM22 and RIC is CKN. "Important" - These procedures do transfer the accountability of the weapon from the unit to TACOM - ROCK ISLAND and DODSASP reporting is required. The exception to reporting in AR 710-3, chapter 4-11, "does not" apply, since this is a national maintenance point contract and not a repair and return evacuation.
10. For PERMANENT TURN-IN of the M24, units must turn in complete system, (rifle, scope, cases, deployment kit, etc). The units must bring system back up to standards, prior to shipment. Report of discrepancy will be filed, addressing any shortages.

TARA MCANDREWS  
AMSTA-LC-CSI-R, DSN 793-6216  
E-Mail address: MCANDREWST@RIA.ARMY.MIL

GEORGE W. RILEY  
AMSTA-LC-CST-P, DSN 793-3843  
RILEYG@RIA.ARMY.MIL



**M-24 INSPECTION CHECKLIST**  
**CONTRACT #: DAAE-20-02-C-0149**

R & E NUMBER	106191			
SERIAL NUMBER	E6703451			
LOG-IN DATE	1-6-06			
OPERATION #	OPERATION NAME	DATE	INITIAL	
500	DIS-ASSEMBLE GUN	1-9-06	RTZ	
505	RE-BARREL	1-10-06	RTZ	
560	ASSEMBLE	1-10-06	RTZ	
600	PROOF	1-10-06	RTZ	
605	CHECK HEADSPACE	1-10-06	RTZ	
610	DIS-ASSEMBLE GUN	1-10-06	RTZ	
612	MAGNAFLUX	1-10-06	RTZ	
510	DRILL AND TAP	1-10-06	TRW	
615	ROLLMARK CALIBER	1-10-06	CW	
618	ROTO-BLAST	1-10-06	LB	
620	APPLY COATINGS	1-11-06	HP	
625	FINAL ASSEMBLY	1-13-06	RTZ	
640	FUNCTION TEST AND	PASS FAIL	1-16-06 TRW	
650	TARGET	PASS FAIL		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	1-16-06 TRW	
670	FINAL INSPECTION	PASS FAIL	1-20-06	
	A) HEADSPACE	PASS FAIL	1-20-06	
	B) TRIGGER PULL	<div style="border: 1px solid black; padding: 2px; display: inline-block;">           +/- .5 LBS            MIN 2.50 LBS            MAX 4.0 LBS         </div>		
680	F) SAFETY ON FORCE	<div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS MIN            10 LBS         </div>		
	G) SAFETY OFF FORCE	<div style="border: 1px solid black; padding: 2px; display: inline-block;">           2 LBS         </div>		
	I) FIRING PIN INDENT	<div style="border: 1px solid black; padding: 2px; display: inline-block;">           .020         </div>		
690	PACK			



GUN SERIAL # E670 3451

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		3/12/01	CL
600	PROOF		"	"
607	CHECK HEADSPACE		"	"
610	DIS-ASSEMBLE GUN		"	"
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT			
615	ROLLMARK CALIBER			
617	DRILL AND TAP SIGHT HOLES		3/12/01	DA
618	POLISH BARREL			
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		3/15/01	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		"	"
	C) INSPECT EJECTOR HOLE FOR CHAMFER		"	"
	D) OIL FIRING PIN ASSEMBLY		3/17/01	CL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		"	"

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>8.0</u> <u>7.5</u> <u>8.0</u>	<u>3/26</u>	<u>DBL</u>
CONT.	G) SAFETY OFF FORCE	<u>4.0</u> <u>3.5</u> <u>3.5</u>	<u>3/26</u>	<u>DBL</u>
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT	<u>1022</u> <u>10215</u> <u>1022</u>	<u>3/20</u>	<u>DBL</u>
	J) ASSEMBLE STOCK			<u>CK</u>
	K) ASSEMBLE SWIVEL STUDS			
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640	GALLERY TEST AND TARGET	<u>AC</u> <u>3/28</u>	<u>3-25-01</u>	<u>RW</u>
	A) MALFUNCTIONS	<u>AC</u> <u>3/28</u>	<u>3-25-01</u>	<u>RW</u>
	B) PIERCED PRIMERS	<u>AC</u> <u>3/28</u>	<u>3-25-01</u>	<u>RW</u>
645	INSPECT FOR LIVE AMMO	<u>AC</u> <u>3/28</u>	<u>3-25-01</u>	<u>RW</u>
655	FINAL INSPECTION A) HEADSPACE		<u>3-30-01</u>	<u>RW</u>
	B) TRIGGER PULL	<u>2.67</u> <u>2.44</u> <u>2.31</u> <u>2.31</u> <u>2.32</u>	<u>3-30-01</u>	<u>RW</u>
	C) FUNCTION			
660	PACK		<u>4/2/01</u>	<u>WFA</u>

AVERAGE PULL FORCE BETWEEN  
INITIAL & CYCLE TESTS

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

SERIAL NO. E6203451

DATE 2-12-01

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.38	2.27		2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.34	2.24		2.34	
PULL #3	2.25	2.29		2.18	
PULL #4	2.27	2.24		2.40	
PULL #5	2.30	2.26		2.22	
TOTAL	11.54	11.33		11.42	
AVG.	2.30	2.26		2.28	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.21	3.23		
PULL #2	3.16	3.37		
PULL #3	3.25	3.25		
PULL #4	3.20	3.26		
PULL #5	3.29	3.15		
TOTAL	16.11	16.26		
AVG.	3.22	3.25		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.13		4.06
PULL #2	4.11	4.05		4.02
PULL #3	4.08	4.08		4.03
PULL #4	4.27	4.07		4.08
PULL #5	4.24	4.12		4.00
TOTAL	20.86	20.45		20.19
AVG.	4.17	4.09		4.03

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6703451  
28 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .098  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0464  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .10843

THE AMR FOR THIS RIFLE IS: .9772

# CENTROIDAL DISTANCES

0 TO	1	.318159
1 TO	2	.42069
1 TO	3	.40783
1 TO	4	.27074
1 TO	5	.346771

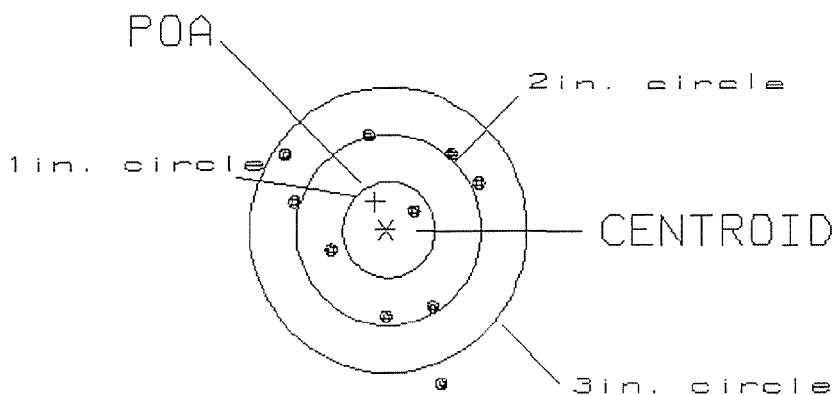
2 3  
5+ 4 <----POA  
1

PATTERN #: 1  
 POA TO CENTROID: .318  
 MIN RADIUS : .357  
 MEAN RADIUS : 1.008  
 MAX RADIUS : 1.707  
 CENTROID X : .124  
 CENTROID Y : -.293

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6703451.1.1.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 2.09

1

VS= 2.55

5

GS= 2.96

9

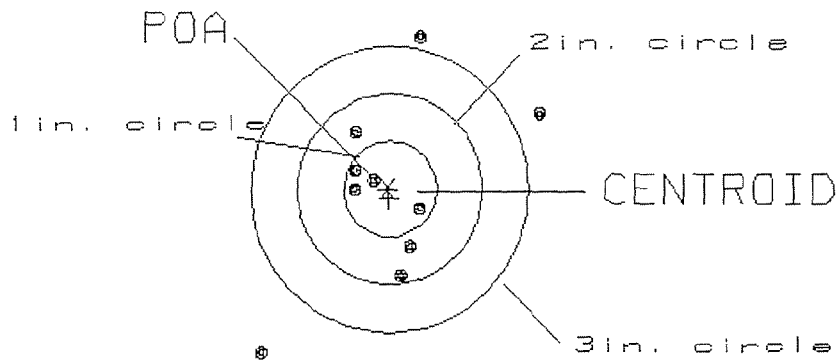
PATTERN #: C 2 C

POA TO CENTROID: .105  
 MIN RADIUS : .192  
 MEAN RADIUS : .935  
 MAX RADIUS : 2.180  
 CENTROID X : -.018  
 CENTROID Y : .103

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6703451.1.1.1

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 2.99  
 VS= 3.35  
 GS= 3.90

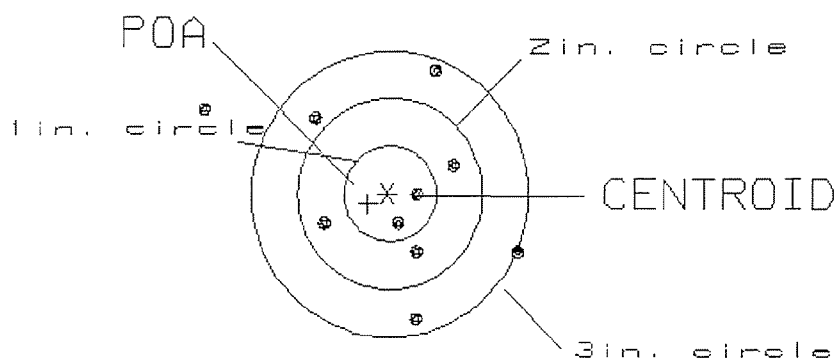
4  
 7  
 7

PATTERN #: 3  
 POA TO CENTROID: .238  
 MIN RADIUS : .307  
 MEAN RADIUS : 1.034  
 MAX RADIUS : 2.167  
 CENTROID X : .213  
 CENTROID Y : .105

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6703451.1.1.1

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 3.34

2

VS= 2.60

5

GS= 3.66

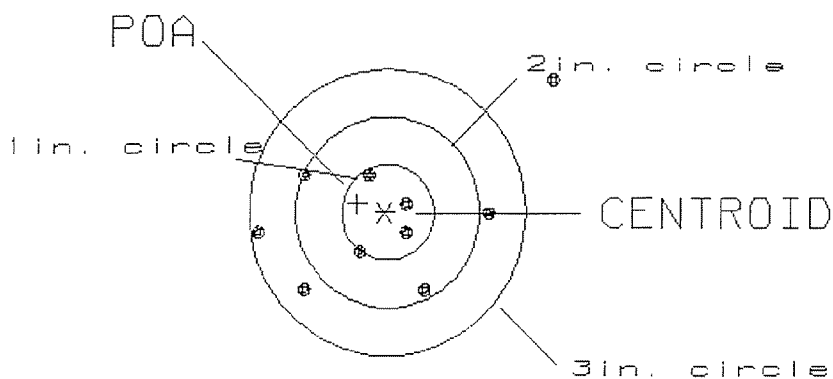
9

PATTERN #: 4  
 POA TO CENTROID: .314  
 MIN RADIUS : .201  
 MEAN RADIUS : .918  
 MAX RADIUS : 2.306  
 CENTROID X : .302  
 CENTROID Y : -.089

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e5703451.1.1.1

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 3.18

3

VS= 2.22

6

GS= 3.56

9

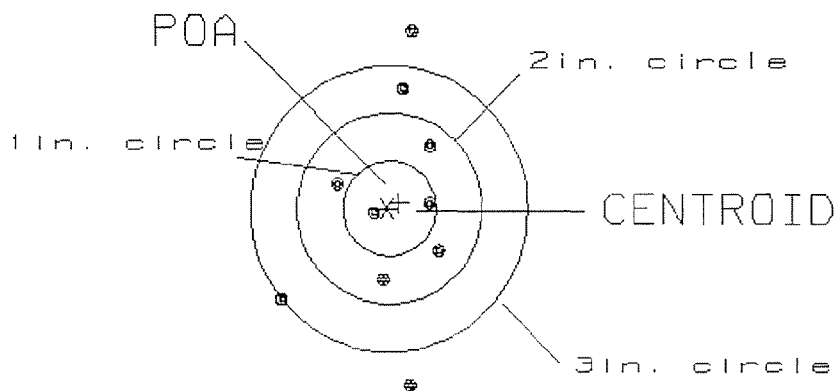


PATTERN #: 5  
 POA TO CENTROID: .143  
 MIN RADIUS : .179  
 MEAN RADIUS : .991  
 MAX RADIUS : 1.906  
 CENTROID X : -.131  
 CENTROID Y : -.058

28 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6703451.1.1.1

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 1.73

2

VS= 3.75

6

GS= 3.75

7

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6703451  
27 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0942  
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0596  
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111471

THE AMR FOR THIS RIFLE IS: 1.304

### CENTROIDAL DISTANCES

0 TO 1	.0941754
1 TO 2	.168799
1 TO 3	.364497
1 TO 4	.326879
1 TO 5	.089

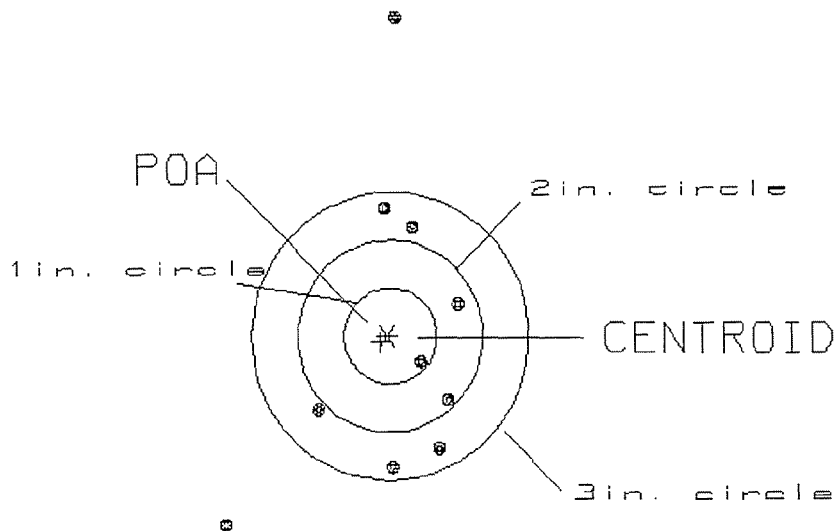
3  
51  
2 4 <----POA

PATTERN #: 1  
 POA TO CENTROID: .094  
 MIN RADIUS : .397  
 MEAN RADIUS : 1.431  
 MAX RADIUS : 3.348  
 CENTROID X : .070  
 CENTROID Y : .063

26 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6703451.1.1

# CENTERFIRE PATTERN # 1



# OF SHOTS= 10

# IN CIRCLE

HS= 2.44

1

VS= 5.35

3

GS= 5.65

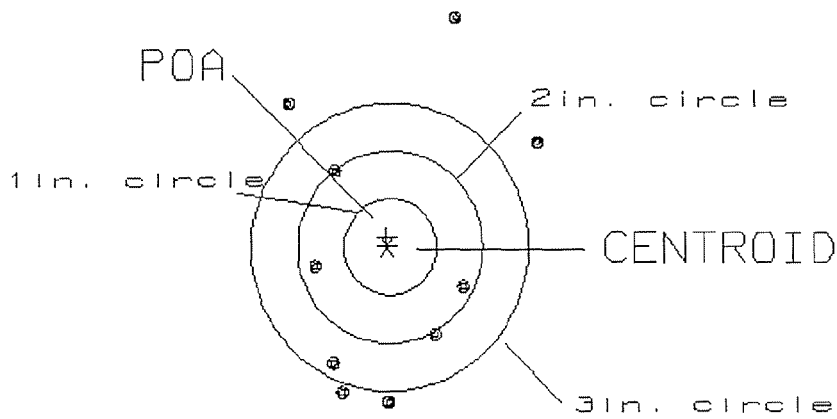
6

PATTERN #: ☐ 2 ☐  
 POA TO CENTROID: .094  
 MIN RADIUS : .864  
 MEAN RADIUS : 1.483  
 MAX RADIUS : 2.545  
 CENTROID X : .008  
 CENTROID Y : -.094

26 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6703451.1.1

# CENTERFIRE PATTERN # 2



# OF SHOTS= 10

# IN CIRCLE

HS= 2.65

0

VS= 4.06

2

GS= 4.15

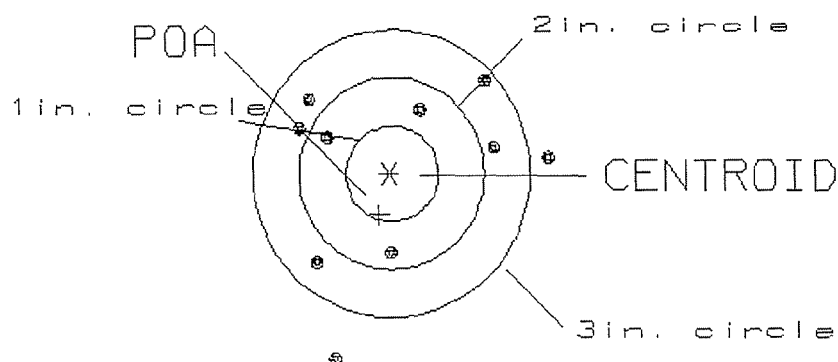
5

PATTERN #: 3  
 POA TO CENTROID: .438  
 MIN RADIUS : .695  
 MEAN RADIUS : 1.205  
 MAX RADIUS : 2.016  
 CENTROID X : .103  
 CENTROID Y : .426

26 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6703451.1.1

# CENTERFIRE PATTERN # 3



# OF SHOTS= 10

# IN CIRCLE

HS= 2.74

0

VS= 2.91

3

GS= 3.33

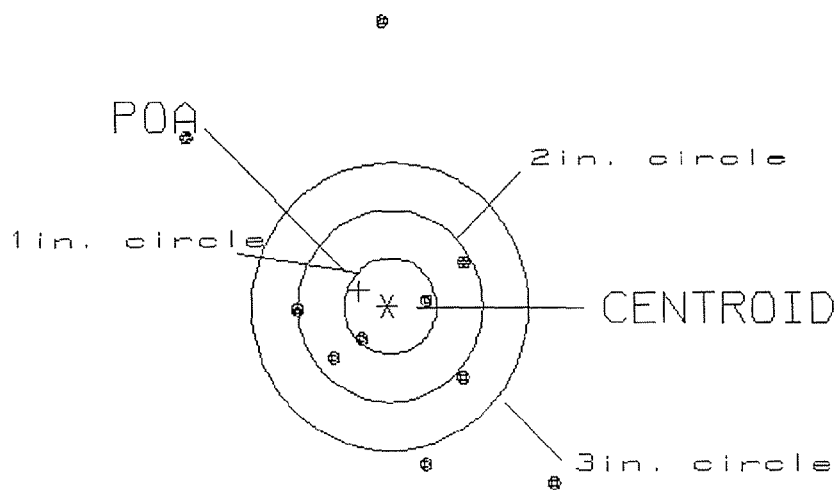
8

PATTERN #: ☐ 4 ☐  
 POA TO CENTROID: .348  
 MIN RADIUS : .438  
 MEAN RADIUS : 1.479  
 MAX RADIUS : 2.965  
 CENTROID X : .309  
 CENTROID Y : -.160

26 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6703451.1.1

# CENTERFIRE PATTERN # 4



# OF SHOTS= 10

# IN CIRCLE

HS= 3.94

2

VS= 4.00

5

GS= 5.36

6

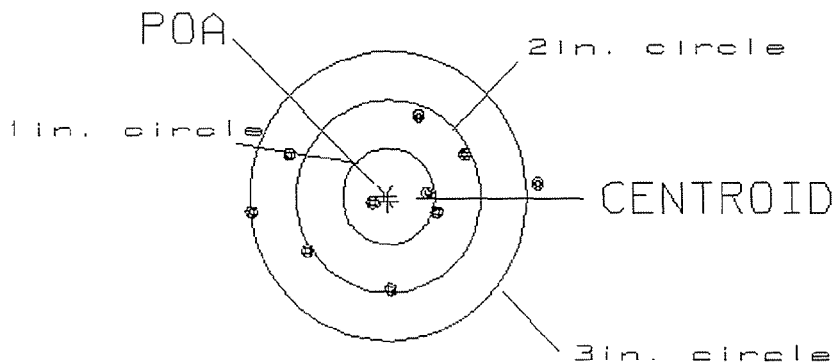
PATTERN #: 5

POA TO CENTROID: .066  
 MIN RADIUS : .173  
 MEAN RADIUS : .923  
 MAX RADIUS : 1.586  
 CENTROID X : -.019  
 CENTROID Y : .063

26 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire\_Patt/e6703451.1.1

# CENTERFIRE PATTERN # 5



# OF SHOTS= 10

# IN CIRCLE

HS= 3.05

2

VS= 1.82

6

GS= 3.06

9