

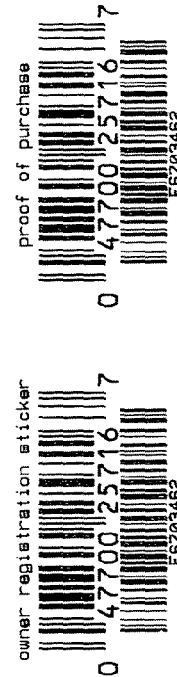
E 6703462

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

DOCUMENT ENVELOPE ASSEMBLY:

- INSTRUCTION BOOK
- PRODUCT OWNER'S CARD
- SAFETY BOOKLET

46 FORM 1444

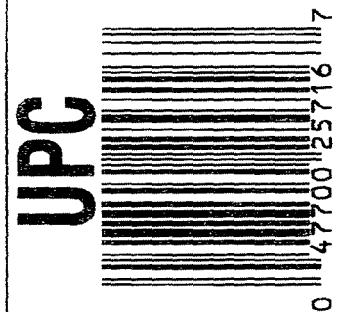


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

E6703462



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, NY Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Deposee.

SERIAL NO. J
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MODEL 700™ M24

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SERIAL NO.



CONTRACT # DAAE20-01-C-0007

GUN SERIAL # E670346Z

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		3/21/01	ck
600	PROOF		3/21/01	
607	CHECK HEADSPACE		3/21/01	ck
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT			
615	ROLLMARK CALIBER			
617	DRILL AND TAP SIGHT HOLES		3/21/01	DA
618	POLISH BARREL			
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		3/22/01	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3/22/01	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3/22/01	DA
	D) OIL FIRING PIN ASSEMBLY		3/23	ck
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		3/23/01	ck

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>7</u> <u>6</u> <u>6</u>	3/19/01	SF
CONT.				
	G) SAFETY OFF FORCE	<u>3</u> <u>2.5</u> <u>3</u>	3/19/01	SF
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT	<u>.020</u> <u>.023</u> <u>.022</u>	3-21-01	DA
	J) ASSEMBLE STOCK			
	K) ASSEMBLE SWIVEL STUDS		3-21-01	CC
	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			
	A) MALFUNCTIONS			
	B) PIERCED PRIMERS			
645	INSPECT FOR LIVE AMMO			CC
655	FINAL INSPECTION A) HEADSPACE		3-21-01	CC
	B) TRIGGER PULL	<u>2.74</u> <u>2.72</u> <u>2.69</u> <u>2.77</u> <u>2.68</u>	3-21-01	DA
	C) FUNCTION		3-21-01	CC
60	PACK		3/21/01	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. E6703462

DATE 2-17-01

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.30		2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.55	2.18		2.19	
PULL #3	2.60	2.30		2.27	
PULL #4	2.65	2.30		2.24	
PULL #5	2.56	2.25		2.26	
TOTAL	12.73	11.33		11.37	
AVG.	2.54	2.26		2.27	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	2.92		
PULL #2	3.02	2.90		
PULL #3	3.00	3.09		
PULL #4	2.98	2.92		
PULL #5	2.96	2.90		
TOTAL	15.03	14.73		
AVG.	3.00	2.94		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	4.07		4.04
PULL #2	4.12	4.06		4.04
PULL #3	4.14	4.14		4.00
PULL #4	4.16	4.00		3.95
PULL #5	4.17	4.07		4.01
TOTAL	20.71	20.34		20.04
AVG.	4.14	4.06		4.00

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6703462
19 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0144
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0534
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0553075

THE AMR FOR THIS RIFLE IS: .911

CENTROIDAL DISTANCES

0 TO 1	.225539
1 TO 2	.293537
1 TO 3	.334858
1 TO 4	.202608
1 TO 5	.394488

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

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .225

MIN RADIUS : .094

MEAN RADIUS : 1.122

MAX RADIUS : 2.541

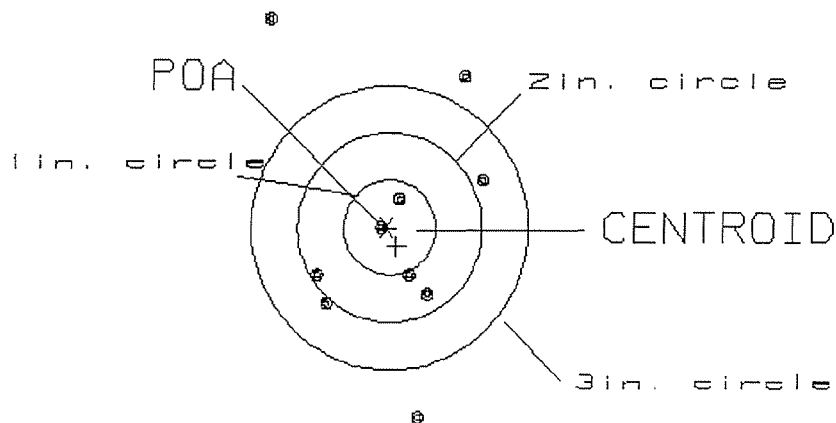
CENTROID X : -.108

CENTROID Y : .198

19 Mar 2001

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CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.35

2

VS= 4.17

5

GS= 4.47

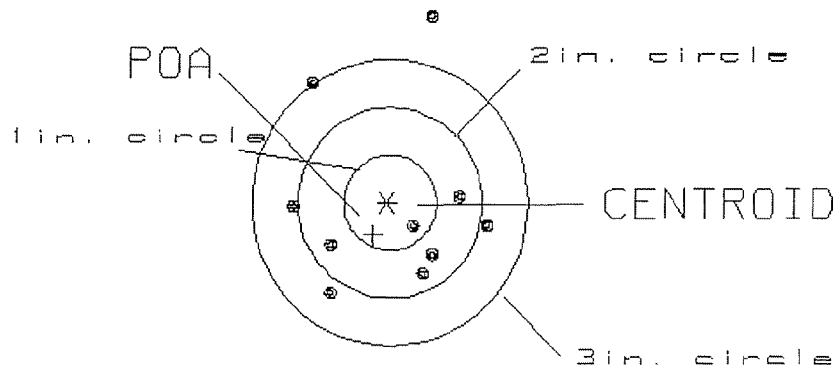
7

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .370
 MIN RADIUS : .380
 MEAN RADIUS : 1.025
 MAX RADIUS : 2.031
 CENTROID X : .150
 CENTROID Y : .338

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CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.08

1

VS= 2.95

5

GS= 3.14

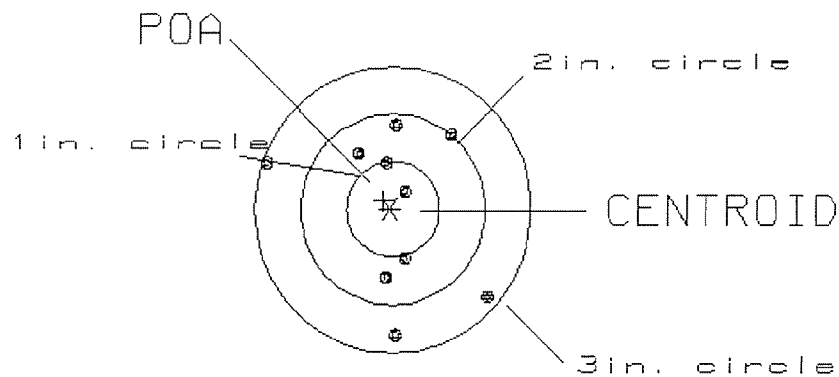
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PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .111
 MIN RADIUS : .227
 MEAN RADIUS : .875
 MAX RADIUS : 1.471
 CENTROID X : .071
 CENTROID Y : -.085

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CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.40

1

VS= 2.14

6

GS= 2.80

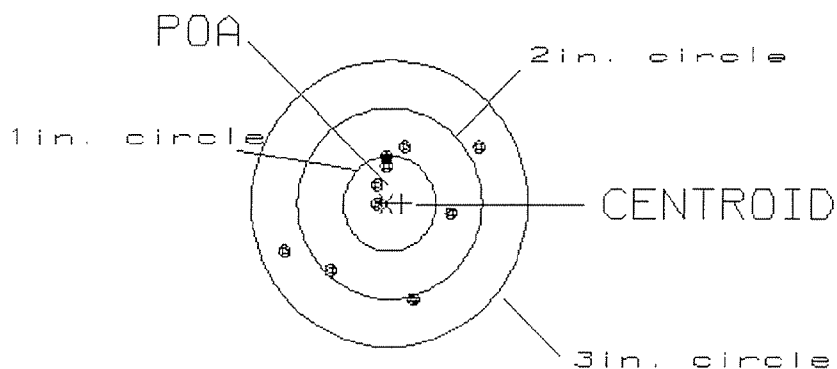
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PATTERN #: 4
 POA TO CENTROID: .163
 MIN RADIUS : .120
 MEAN RADIUS : .681
 MAX RADIUS : 1.213
 CENTROID X : -.163
 CENTROID Y : .003

19 Mar 2001

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CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.07

3

VS= 1.61

7

GS= 2.31

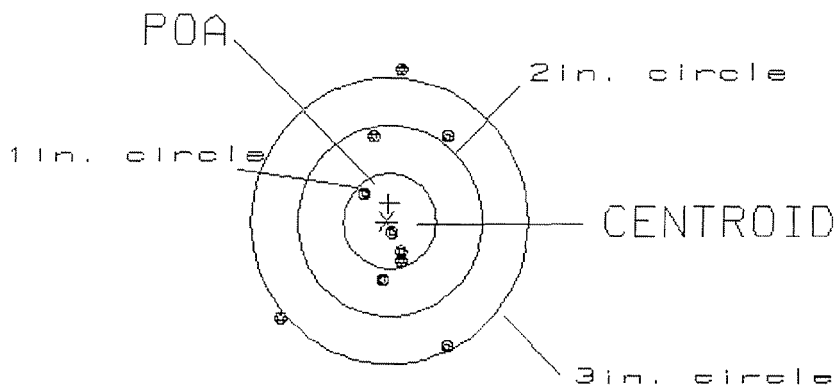
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PATTERN #: 5
 POA TO CENTROID: .188
 MIN RADIUS : .110
 MEAN RADIUS : .852
 MAX RADIUS : 1.637
 CENTROID X : -.022
 CENTROID Y : -.187

19 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/0e6703462

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.76

4

US= 2.95

6

GS= 2.99

8