

E6703530

MODEL 700TM M24

0 47700 25716 7

MODEL 700TH M24

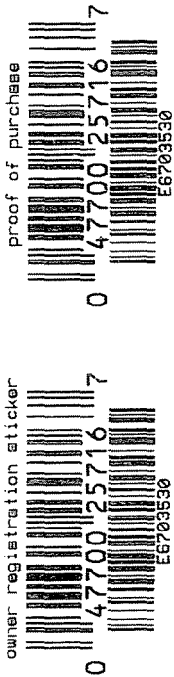
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E6703530

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

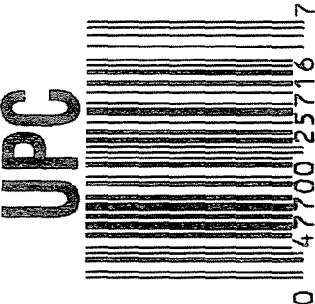
- DOCUMENT ENVELOPE ASSEMBLY:
- INSTRUCTION BOOK
 - PRODUCT OWNER'S CARD
 - SAFETY BOOKLET

46 FORM 1444



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

E6703530



CONTRACT # DAAE20-01-C-0007

GUN SERIAL # E670 3530

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		3/10/01	CK
600	PROOF		3/10/01	CK
607	CHECK HEADSPACE		13	CK
610	DIS-ASSEMBLE GUN		14	CK
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT			
615	ROLLMARK CALIBER			
617	DRILL AND TAP SIGHT HOLES		3/10/01	DA
618	POLISH BARREL			
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		3/10/01	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3/10/01	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3/10/01	DA
	D) OIL FIRING PIN ASSEMBLY		3/10/01	CK
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		"	CK

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>8.0</u> <u>7.5</u> <u>7.0</u>	<u>3/26</u>	<u>DBL</u>
CONT.	G) SAFETY OFF FORCE	<u>3.5</u> <u>4.0</u> <u>4.0</u>	<u>3/26</u>	<u>DBL</u>
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT	<u>0225</u> <u>021</u> <u>023</u>	<u>3/26</u>	<u>DBL</u>
	J) ASSEMBLE STOCK			<u>C/K</u>
	K) ASSEMBLE SWIVEL STUDS		<u>3/27/01</u>	<u>REP</u>
	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>3-25-01</u>	<u>RW</u>
	A) MALFUNCTIONS		<u>3-25-01</u>	<u>RW</u>
	B) PIERCED PRIMERS		<u>3-25-01</u>	<u>RW</u>
645	INSPECT FOR LIVE AMMO		<u>3-25-01</u>	<u>RW</u>
655	FINAL INSPECTION A) HEADSPACE		<u>3/27/01</u>	<u>REP</u>
	B) TRIGGER PULL	<u>2.64</u> <u>2.62</u> <u>2.63</u> <u>2.45</u> <u>2.48</u>	<u>3/26/01</u>	<u>RA</u>
	C) FUNCTION		<u>3/27/01</u>	<u>REP</u>
660	PACK		<u>3/27/01</u>	<u>REP</u>

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. E6703530DATE 2-6-01TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.53	2.65	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.51	2.72	2.50	
PULL #3	2.56	2.67	2.55	
PULL #4	2.65	2.65	2.45	
PULL #5	2.77	2.64	2.53	
TOTAL	1302	1333	1254	
AVG.	2.60	2.66	2.50	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.14	2.87	
PULL #2	3.00	2.80	
PULL #3	2.89	2.88	
PULL #4	2.87	3.00	
PULL #5	2.85	2.84	
TOTAL	1475	1439	
AVG.	2.95	2.87	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.00	3.97		3.97
PULL #2	3.90	3.96		3.92
PULL #3	3.92	3.87		3.96
PULL #4	3.61	3.82		3.95
PULL #5	3.81	3.87		4.02
TOTAL	1924	1949		1982
AVG.	3.84	3.89		3.96

BARBER - M24 0122529

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6703530
27 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .136
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0004
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .136001

THE AMR FOR THIS RIFLE IS: 1.148

CENTROIDAL DISTANCES

0 TO 1	.407414
1 TO 2	.589504
1 TO 3	.362112
1 TO 4	.463207
1 TO 5	.328434

1
5
4 3 <----POA
2

BARBER - M24 0122530

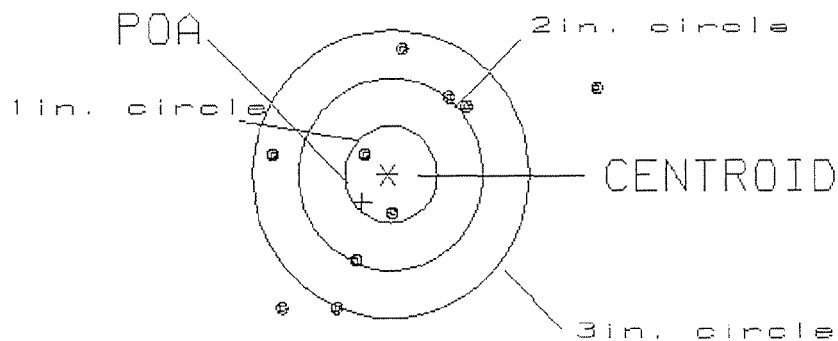
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 010
POA TO CENTROID: .407
MIN RADIUS : .389
MEAN RADIUS : 1.217
MAX RADIUS : 2.399
CENTROID X : .281
CENTROID Y : .295

26 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703530

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 3.54

2

US= 2.69

3

GS= 4.11

7

BARBER - M24 0122531

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .281

MIN RADIUS : .170

MEAN RADIUS : 1.125

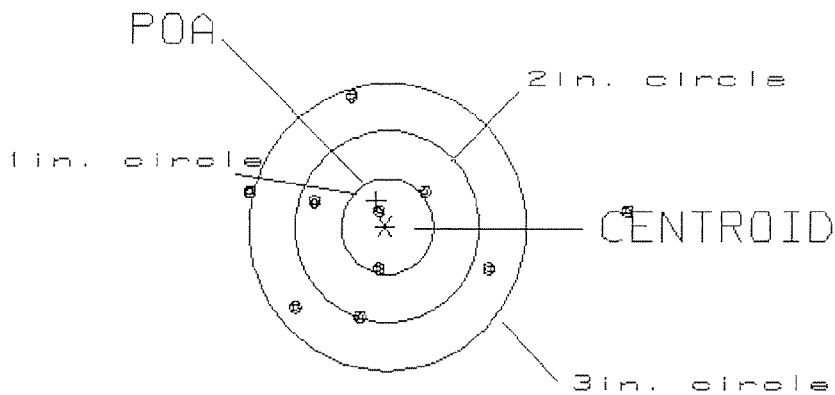
MAX RADIUS : 2.657

CENTROID X : .097

CENTROID Y : -.264

26 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703530

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 4.15

2

VS= 2.34

4

GS= 4.16

8

BARBER - M24 0122532

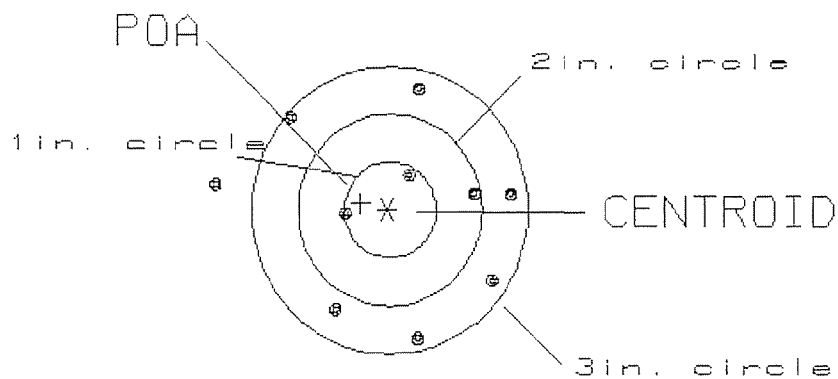
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 030
POA TO CENTROID: .298
MIN RADIUS : .406
MEAN RADIUS : 1.178
MAX RADIUS : 1.956
CENTROID X : .290
CENTROID Y : -.067

26 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703530

CENTERFIRE PATTERN # 3

OF SHOTS= 10

IN CIRCLE

HS= 3.25

2

VS= 2.60

3

GS= 3.25

9

BARBER - M24 0122533

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .074

MIN RADIUS : .325

MEAN RADIUS : 1.186

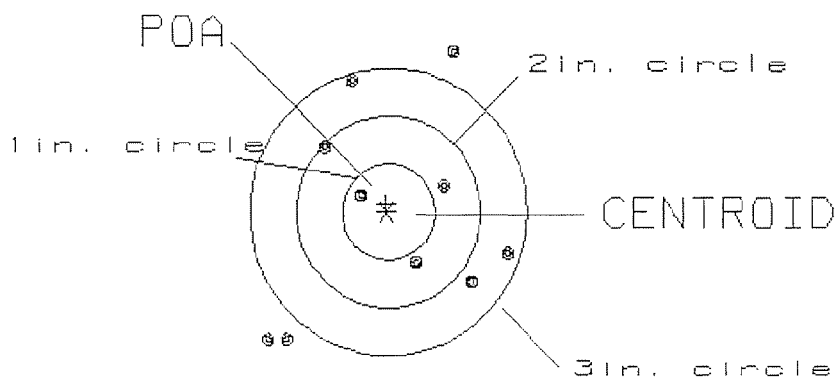
MAX RADIUS : 1.864

CENTROID X : .001

CENTROID Y : -.074

26 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703530

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 2.60

1

VS= 2.90

3

GS= 3.59

7

BARBER - M24 0122534

REMINGTON CENTERFIRE ACCURACY TEST

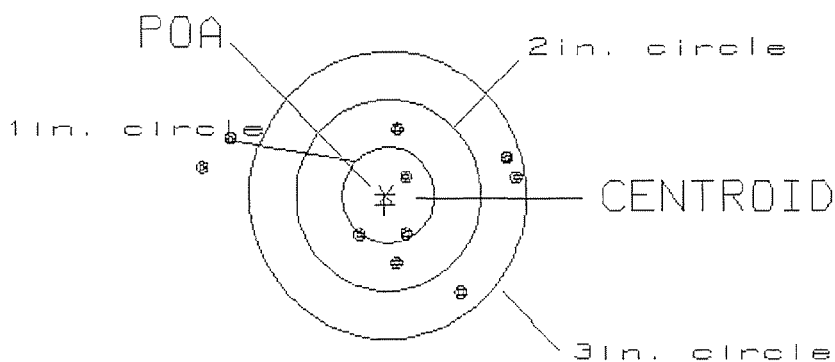
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .109
 MIN RADIUS : .295
 MEAN RADIUS : 1.036
 MAX RADIUS : 2.010
 CENTROID X : .011
 CENTROID Y : .108

26 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703530

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.35

3

VS= 1.60

5

GS= 3.35

0