

C6611528

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

Remington[®]


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

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

MODEL 700TM H24

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

20

SERIAL NO.
C6611528

ORDER NO.
5716


5716 C6611528

UPC


0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611528

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	2 1	91	RW
600	Proof	2 1	91	RW
607	Check Headspace	2 1	91	RW
610	Dis-assemble Gun	2 1	91	RW
612	Magnaflux Barrel Action	2 11	91	Ked
	Magnaflux Bolt	2 11	91	Ked
615	Rollmark Caliber	2 11	91	GS
617	Drill and Tap Sight Holes	2 13	91	EB
618	Polish Barrel <i>RBB</i>	2 13	91	WB
620	Apply Coatings (Barrel Action)		<i>3/24/91</i>	<i>WB</i>
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		<i>3/24/91</i>	<i>WB</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		<i>3/24/91</i>	<i>WB</i>
	C) Inspect Ejector Hole for Chamfer		<i>3/24/91</i>	<i>WB</i>
	D) Oil Firing Pin Ass'y		<i>3/25/91</i>	<i>WB</i>
	E) Adjust Trigger Pull to Min Setting and Stake		<i>4/3/91</i>	<i>WB</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			4/5/91	SL
	G) Safety Off Force	3	3	3			4/5/91	SLR
	H) Trigger Pull Test & Retainability						4/3/91	SL
	I) Firing Pin Indent	.021	.021	.021			4/5/91	SL-
	J) Assemble Stock						4/9/91	RW
	K) Assemble Swivel Studs						4-10-91	D/H
	L) Attach Front and Rear Sight Assemblies						4/9/91	RW
	M) Iron Sight Alignment						4/9/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/9/91	RW
	O) Attach Scope to Rifle						4/9/91	RW
	P) Detach & Attach Scope 20 Times						4/9/91	RW
640	Gallery Target & Test						4-9/91	KS
	A) Time							KS
	B) Malfunctions							KS
	C) Pierced Primers							KS
	D) Optical Clarity of Scope							KS
645	Inspect for Live Ammo						4/9/91	KS
655	Final Inspection							
	A) Headspace						4-10-91	D/H
	B) Trigger Pull	2.28	2.24	2.24	2.24	2.18	4/10/91	SL
	C) Function						4-10-91	D/H
660	Pack						6-17-91	N

AVERAGE PULL FORCE BETWEEN
INITIAL & ~~50~~ CYCLE TESTS --

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C-6611528

DATE 4/3/91

TESTER JEL.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.48	2.48	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.49	2.45	2.24	
PULL #3	2.49	2.46	2.46	2.24	
PULL #4	2.48	2.49	2.40	2.24	
PULL #5	2.48	2.45	2.49	2.18	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.33		
PULL #2	3.41	3.35		
PULL #3	3.39	3.36		
PULL #4	3.41	3.35		
PULL #5	3.40	3.37		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.29	4.15		4.19
PULL #2	4.22	4.23		4.24
PULL #3	4.14	4.21		4.23
PULL #4	4.17	4.19		4.21
PULL #5	4.15	4.21		4.25
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611528
2 Apr 1991

CENTROIDAL DISTANCES

0 TO 1	.2014
1 TO 2	.159261
1 TO 3	.196756
1 TO 4	.17853
1 TO 5	.061131

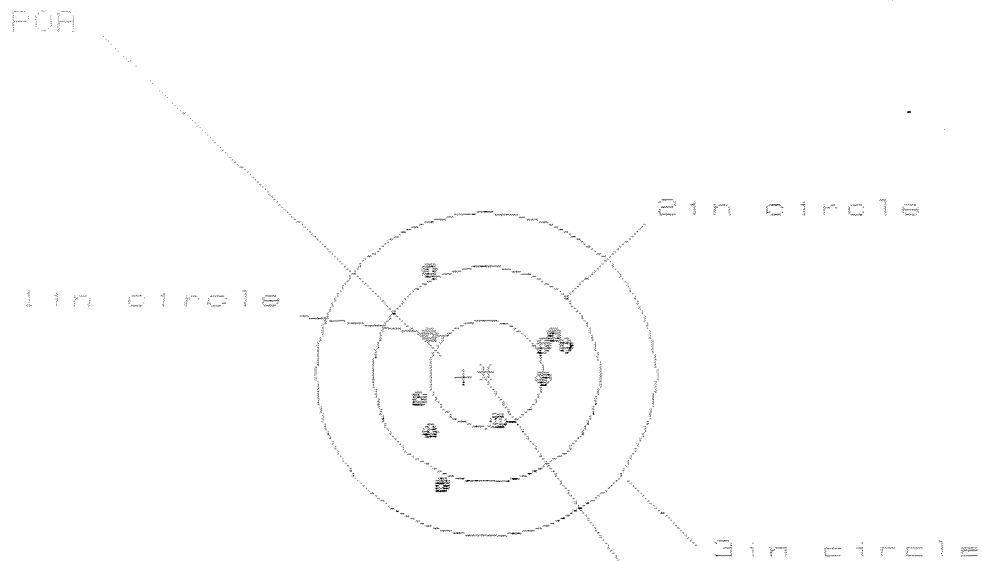
←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .174
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .031
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .17674
THE AMR FOR THIS RIFLE IS: .718

5 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611528

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 10

CENTROID *

HS= 1.338

VS= 1.938

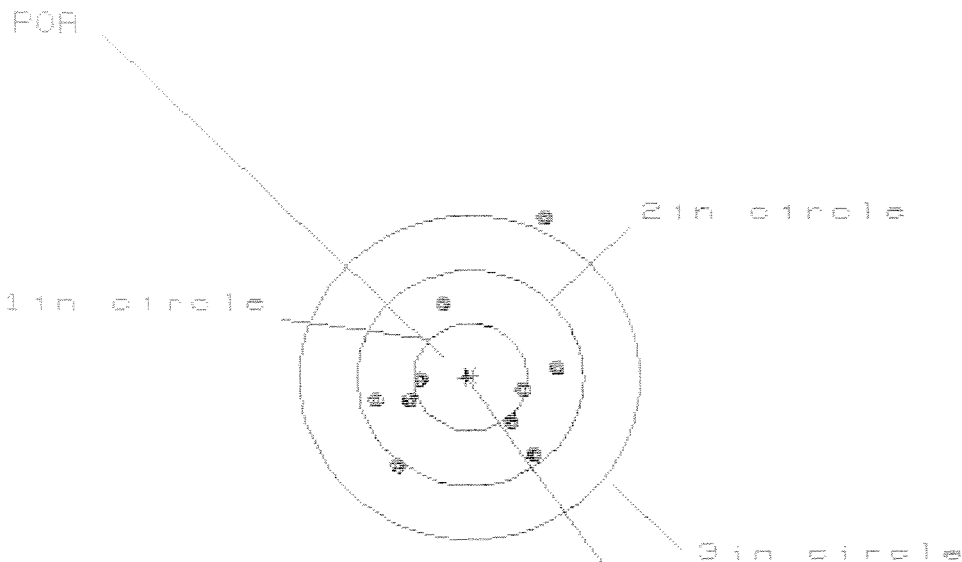
GS= 1.932

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.725	.685	.623
MINIMUM X	-.613	-.653	-.715
MAXIMUM Y	.939	.828	.374
MINIMUM Y	-.991	-.636	-.532
CENTROID X	.199	.239	.301
CENTROID Y	.031	.142	.038
FOR TO CENTROID in.	.201	.278	.303
MIN RADIUS	.434	.450	.374
MEAN RADIUS	.705	.658	.603
MAX RADIUS	1.057	.964	.825
HORIZONTAL SPREAD	1.338	1.338	1.338
VERTICAL SPREAD	1.938	1.464	.906
EXTREME SPREAD	1.932	1.495	1.495
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

9 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11528

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 3

2in - 8

3in - 9

HS- 1.613

VS- 2.348

GS- 2.700

CENTROID #

PATTERN #	2	3	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.781	.854	.778
MINIMUM X	-.832	-.759	-.835
MAXIMUM Y	1.523	.843	.761
MINIMUM Y	-.825	-.655	-.618
CENTROID X	.041	-.032	.044
CENTROID Y	.011	-.159	-.077
POA TO CENTROID in.	.042	.162	.089
MIN RADIUS	.403	.387	.423
MEAN RADIUS	.791	.674	.641
MAX RADIUS	1.657	.906	.845
HORIZONTAL SPREAD	1.613	1.613	1.613
VERTICAL SPREAD	2.348	1.498	1.379
EXTREME SPREAD	2.700	1.748	1.651
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

9 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611528

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.269

VS= 2.308

GS= 2.423

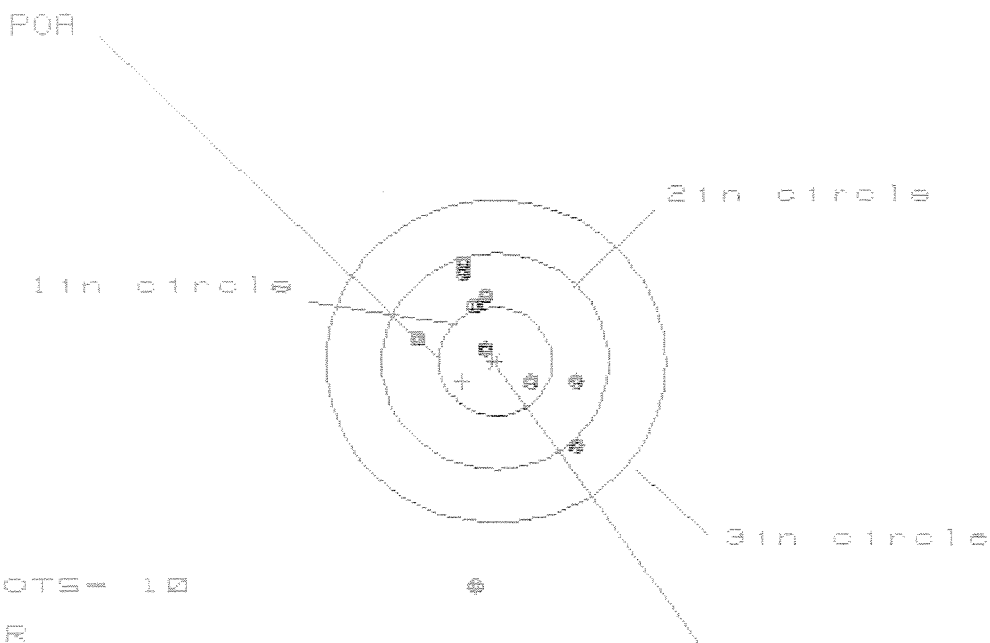
CENTROID #

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.255	1.303	.515
MINIMUM X	-1.014	-.966	-.804
MAXIMUM Y	.956	.805	.845
MINIMUM Y	-1.352	-1.284	-1.244
CENTROID X	.156	.108	-.054
CENTROID Y	-.161	-.010	-.050
POA TO CENTROID in.	.224	.109	.074
MIN RADIUS	.159	.171	.328
MEAN RADIUS	.822	.749	.679
MAX RADIUS	1.419	1.342	1.248
HORIZONTAL SPREAD	2.269	2.269	1.319
VERTICAL SPREAD	2.308	2.089	2.089
EXTREME SPREAD	2.423	2.272	2.120
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		10	

9 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11528

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 1.359

VS= 3.022

GS= 3.025

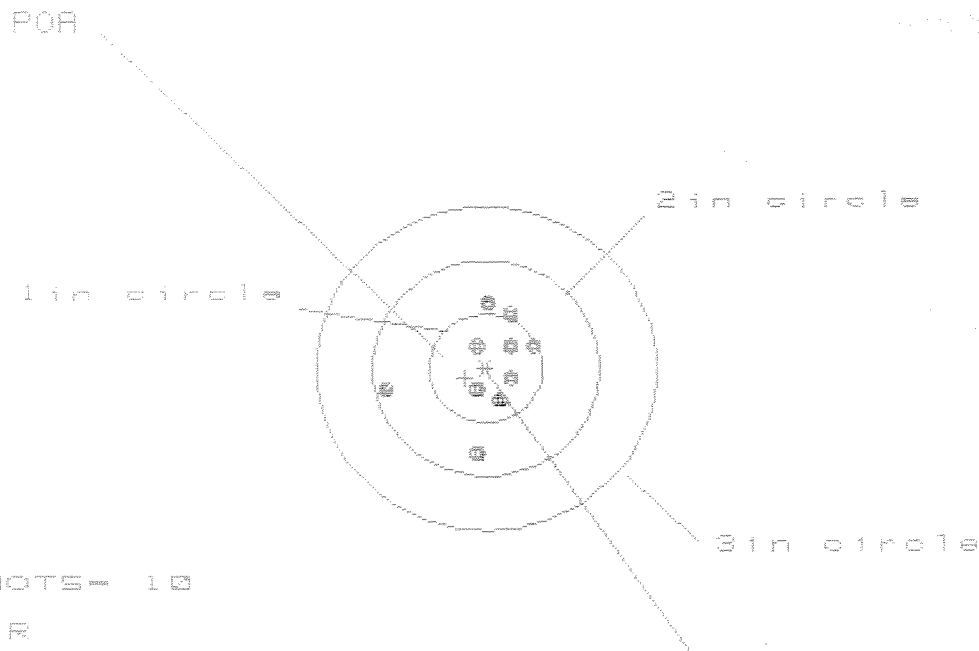
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.706	.688	.753
MINIMUM X	-.653	-.671	-.585
MAXIMUM Y	.921	.688	.556
MINIMUM Y	-2.101	-1.054	-.568
CENTROID X	.291	.309	.223
CENTROID Y	.184	.417	.549
POA TO CENTROID in.	.344	.519	.592
MIN RADIUS	.159	.112	.183
MEAN RADIUS	.813	.611	.497
MAX RADIUS	2.106	1.259	.943
HORIZONTAL SPREAD	1.359	1.359	1.338
VERTICAL SPREAD	3.022	1.742	1.124
EXTREME SPREAD	3.025	2.004	1.485
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

9 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06611528

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 6

2 in = 10

3 in = 10

HS= 1.242

VS= 1.334

GS= 1.337

CENTROID *

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.368	.270	.252
MINIMUM X	-.874	-.228	-.246
MAXIMUM Y	.574	.548	.450
MINIMUM Y	-.760	-.786	-.459
CENTROID X	.183	.281	.299
CENTROID Y	.090	.116	.214
POA TO CENTROID in.	.204	.304	.368
MIN RADIUS	.238	.200	.144
MEAN RADIUS	.459	.393	.330
MAX RADIUS	.906	.799	.460
HORIZONTAL SPREAD	1.242	.498	.498
VERTICAL SPREAD	1.334	1.334	.909
EXTREME SPREAD	1.337	1.337	.910
NUMBER IN ONE INCH CIRCLE	= 6		
NUMBER IN TWO INCH CIRCLE	= 10		
NUMBER IN THREE INCH CIRCLE	= 10		

RECEIVING AND ESTIMATING REPORT

INITIAL
FPS

CUSTOMER ORDER NO.

M24 W/ULTRA 10X-M3A SCOPE ATTN: FRED MARTIN

DATE RECEIVED
03/11/94

DATE OPENED
03/14/94

DATE CODE
LL 2-91

SERIAL NUMBER
C661152B

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62 NATO

ACCESSORIES
SLING STRAP W/STUDS W/SWIVELS HARD CASE SCOPE MNTS W/SCOPE BASE

FROM:

DEPT OF THE ARMY
DIRECTORATE OF INFO. MGT.
BLDG 1960
FT MCCLELLAN AL 36205

SHIP TO:

DEPT OF THE ARMY
DIRECTORATE OF INFO. MGT.
BLDG 1960
FT MCCLELLAN AL 36205

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA
USA

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

Bolt Stop Release Sticking

PARTS

COMMENTS
Adjusted Bolt Stop Release

Bench Check only

REPAIRMAN
RW

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

W53 H09 4062 H026