

C6611630

MODEL 700™ M24

Model **SAS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington



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

MODEL 700TM H24

SERIAL NO.
C6611630

ORDER NO.
5716

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

20



5716 C6611630

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611630

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 16	91	RW
600	Proof	1 16	91	RW
607	Check Headspace	1 16	91	RW
610	Dis-assemble Gun	1 16	91	RW
612	Magnaflux Barrel Action	1 18	91	KR
	Magnaflux Bolt	1 18	91	KR
615	Rollmark Caliber	1 18	91	JS
617	Drill and Tap Sight Holes	1 24	91	FB
618	Polish Barrel	1 24	91	WB
620	Apply Coatings (Barrel Action)		2-15-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/18/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	RW
	C) Inspect Ejector Hole for Chamfer		2/18/91	RW
	D) Oil Firing Pin Ass'y		2/18/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2-18-91	104

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 ³ / ₄	5	5 ¹ / ₄			2-22-91	DH
	G) Safety Off Force	3	3	3			2-22-91	DH
	H) Trigger Pull Test & Retainability						2-22-91	DH
	I) Firing Pin Indent	.020	.021	.0215			2-22-91	DH
	J) Assemble Stock						3/1/91	RW
	K) Assemble Swivel Studs						3/2/91	WB
	L) Attach Front and Rear Sight Assemblies						3/1/91	RW
	M) Iron Sight Alignment						3/1/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/1/91	RW
	O) Attach Scope to Rifle						3/1/91	RW
	P) Detach & Attach Scope 20 Times						3/1/91	RW
640	Gallery Target & Test						3/1/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						3/1/91	KJ
655	Final Inspection							
	A) Headspace						3/2/91	WB
	B) Trigger Pull	2.36	2.40	2.67	2.62	2.60	3/2/91	JL
	C) Function						3/2/91	WB
660	Pack						3-15-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611630

DATE 2-21-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.46	2.48	2.36	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.45	2.52	2.40	
PULL #3	2.59	2.40	2.54	2.67	
PULL #4	2.64	2.44	2.55	2.62	
PULL #5	2.49	2.45	2.43	2.60	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.41		
PULL #2	3.29	3.38		
PULL #3	3.32	3.41		
PULL #4	3.42	3.28		
PULL #5	3.40	3.27		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.47		4.24
PULL #2	4.40	4.48		4.27
PULL #3	4.36	4.46		4.21
PULL #4	4.49	4.48		4.00
PULL #5	4.14	4.38		4.26
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611630
1 Mar 1991

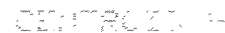
CENTROIDAL DISTANCES

0 TO 1	.207019
1 TO 2	.952476
1 TO 3	.0460109
1 TO 4	.29194
1 TO 5	.511645

2
5
3

<----POA

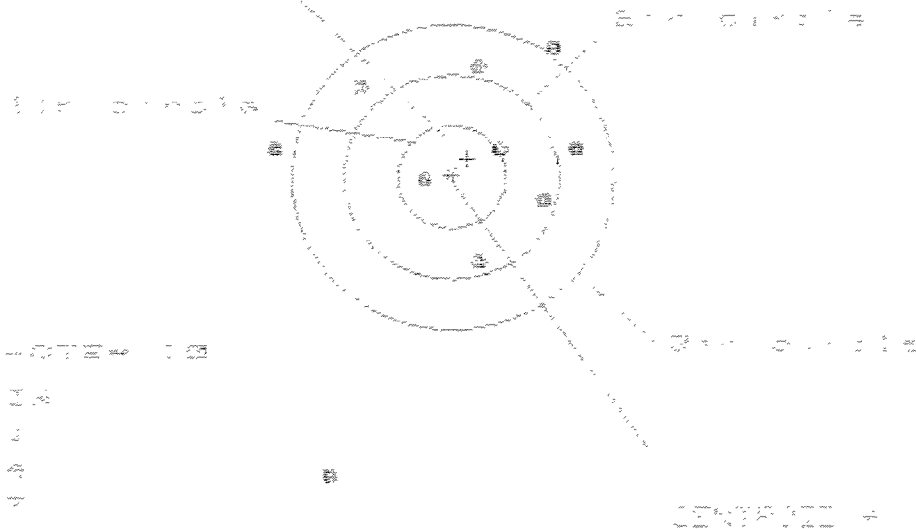
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1352
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .168
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .215646
THE HMR FOR THIS RIFLE IS: 1.032



CENTERFIRE PATTERNS

W 3

FOR



1 OF 4-07-10

2 OF 4-07-10

3 OF 4-07-10

4 OF 4-07-10

5 OF 4-07-10

6 OF 4-07-10

7 OF 4-07-10

8 OF 4-07-10

PATTERN 4

13

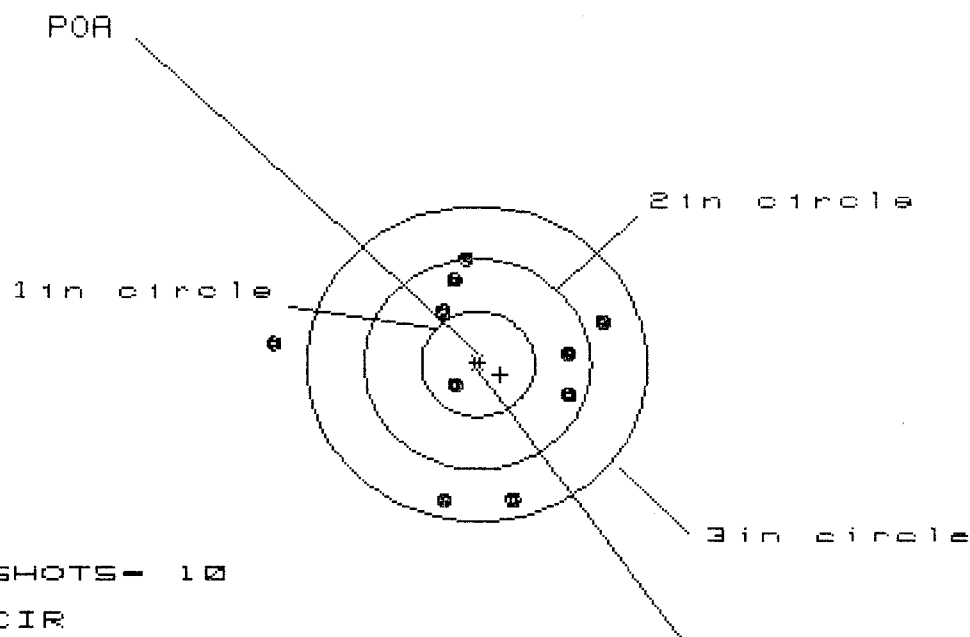
WAVE (BEST OF)	10	9	8
MAXIMUM X	1.178	1.046	.881
MINIMUM X	-1.685	-1.725	-1.188
MAXIMUM Y	1.268	.941	.931
MINIMUM Y	-2.947	-1.132	-1.148
CENTROID X	-1.158	-1.028	.897
CENTROID Y	-1.188	.147	.187
CLX TO CENTROID (IN)	.234	.148	.152
CLY TO CENTROID	.228	.335	.126
VERT. ANGLE	1.237	.974	.827
HOR. ANGLE	3.171	1.737	1.815
HORIZONTAL SPREAD	2.783	2.763	2.811
VERTICAL SPREAD	4.213	2.873	2.873
EXTREME SPREAD	4.698	2.783	2.753
COUNT IN ONE INCH CIRCLE	=	1	
COUNT IN TWO INCH CIRCLE	=	4	
COUNT IN THREE INCH CIRCLE	=	7	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611630

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 1

2in = 6

3in = 9

HS = 2.947

VS = 2.299

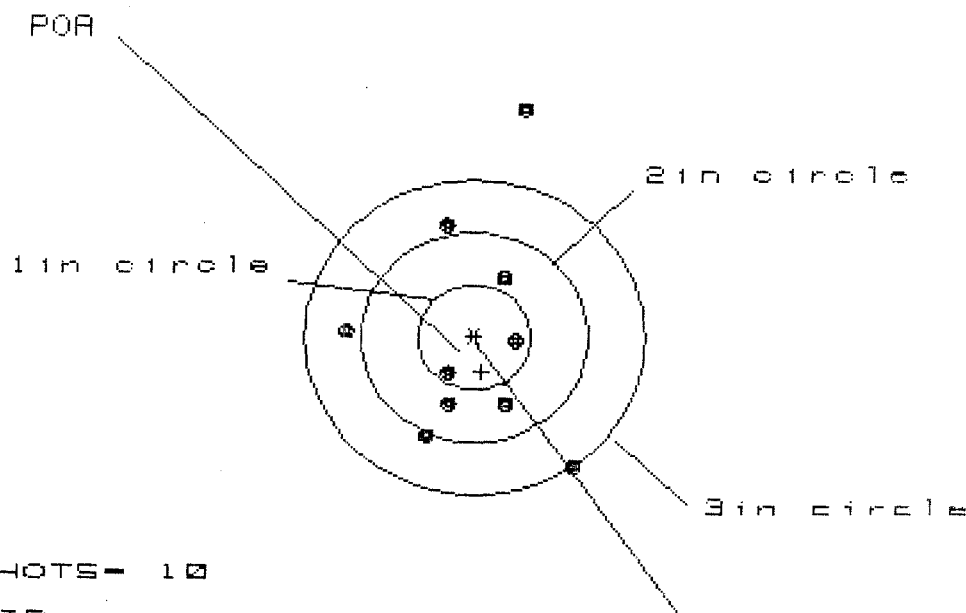
GS = 2.954

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.106	.902	.914
MINIMUM X	:	-1.841	-.542	-.530
MAXIMUM Y	:	.980	1.004	.842
MINIMUM Y	:	-1.319	-1.295	-1.391
CENTROID X	:	-.202	.002	-.010
CENTROID Y	:	.096	.072	.234
POA TO CENTROID in.	:	.224	.072	.234
MIN RADIUS	:	.316	.475	.552
MEAN RADIUS	:	1.010	.902	.833
MAX RADIUS	:	1.853	1.339	1.484
HORIZONTAL SPREAD	:	2.947	1.444	1.444
VERTICAL SPREAD	:	2.299	2.299	2.233
EXTREME SPREAD	:	2.954	2.332	2.246
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611630

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 1.971

VS= 3.416

GS= 3.436

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.814	.863	.549
MINIMUM X	-1.157	-1.108	-1.000
MAXIMUM Y	2.168	1.354	1.228
MINIMUM Y	-1.248	-1.007	-.864
CENTROID X	-.063	-.112	-.220
CENTROID Y	.331	.090	.216
POA TO CENTROID in.	.337	.144	.309
MIN RADIUS	.399	.202	.246
MEAN RADIUS	.984	.791	.741
MAX RADIUS	2.213	1.368	1.231
HORIZONTAL SPREAD	1.971	1.971	1.549
VERTICAL SPREAD	3.416	2.361	2.092
EXTREME SPREAD	3.436	2.588	2.097
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18361

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN90-
Scope 0445

DATE RECEIVED 06/11/94 DATE OPENED 06/11/94 DATE CODE

SERIAL NUMBER C6811630

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

AL 36201-5025

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTONAL
36201-5025

CUST NO: 098397 C.I.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

FRT

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

B1

TRIGGER GROUP

B3

E1

BOLT ASSY.

B3

E2

BARREL ASSY.

B4

D1

E3

REC. ASSY.

B5

D2

E4

WOOD

C1

D3

E5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Trigger Assy \$173.31
CTI 50.00
\$223.31

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400079893

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50#+.50#
3.00#+.75#
4.00#+1.00#

SERIAL NO. 16661630

DATE 11-17-94

TESTER Bm

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.50	2.61		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.48	2.56		
PULL #3	2.49	2.60	2.59		
PULL #4	2.53	2.55	2.69		
PULL #5	2.62	2.52	2.66		
TOTAL	12.67	12.74	13.11		
AVG.	2.53	2.54	2.62		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.10		
PULL #2	3.16	3.21		
PULL #3	3.14	3.04		
PULL #4	3.12	3.08		
PULL #5	3.14	3.12		
TOTAL	15.81	15.55		
AVG.	3.16	3.11		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.00	4.29		4.27
PULL #2	4.18	4.16		4.15
PULL #3	4.00	4.16		4.17
PULL #4	4.30	4.22		4.08
PULL #5	4.05	4.10		4.11
TOTAL	20.53	20.93		20.78
AVG.	4.10	4.18		4.15

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611630

OP. #	OP. NAME	READINGS	DATE	INITIAL
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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
525 cont.	F) Safety On Force	5 1/2	6	6			12/14	WB
	G) Safety Off Force	3	3	3			12/14	WB
	H) Trigger Pull Test & Retainability							
	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							
	P) Detach & Attach Scope 20 Times							
540	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection A) Headspace							
	B) Trigger Pull	2.74	2.75	2.74	2.69	2.62	12/14	WB
	C) Function							
660	Pack							