

C6594494

MODEL 700TH M24

Model **SMS** TH

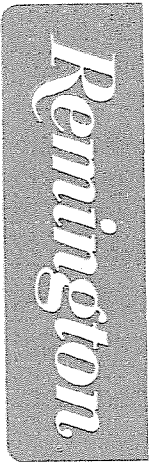
Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.



RECEIVING AND ESTIMATING REPORT

BARBER - M24 0018099

COMMENTS

ORDER
R 94-18367

INITIAL	CUSTOMER ORDER NO.		W/10X SCOPE, H-24 SNIPER, W/DEPLOYMENT KIT			
FDC	DAAA09-92-C-0834		ATTN: FRED MARTIN <i>Scope S/N 91-1363</i>			
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
06/11/94	06/11/94		C6594494		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
ANNISTON

AL
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	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

PARTS

COMMENTS

Trigger Assy
Scope
Front & Rear Sight Assy

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
<i>RW</i>			<i>L</i>		
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
<i>RW</i>			<i>8/23/96</i>		

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0018099 18138

SWS TRIGGER PULL TEST

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

SERIAL NO. C6594494
DATE 8/22/96
TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.50	2.46		2.48	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.43		2.57	
PULL #3	2.43	2.47		2.59	
PULL #4	2.43	2.38		2.60	
PULL #5	2.47	2.34		2.58	
TOTAL	12.24	12.08		12.82	
AVG.	2.45	2.42		2.56	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.16		
PULL #2	3.22	3.17		
PULL #3	3.26	3.14		
PULL #4	3.21	3.18		
PULL #5	3.26	3.14		
TOTAL	16.13	15.79		
AVG.	3.23	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.00	4.26		4.13
PULL #2	4.21	4.27		4.39
PULL #3	4.15	4.09		4.42
PULL #4	4.23	4.25		4.43
PULL #5	4.24	4.25		4.45
TOTAL	20.83	21.12		21.82
AVG.	4.17	4.22		4.36

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594494

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. #	BARBER - M24 0018102 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5.5			8/24/96	RW
	G) Safety Off Force	3	3	3			8/24/96	RW
	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							
640	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	2.71	2.84	2.81	2.78	2.71	8/24/96	RW
	C) Function							
660	Pack							

Remington
MODEL 700™ M24

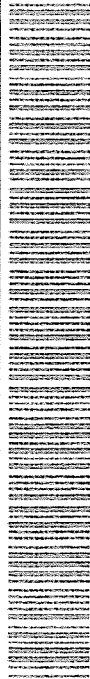
DUPONT
REG. U.S. PAT. & TM. OFF.

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

SERIAL NO.
C6594494

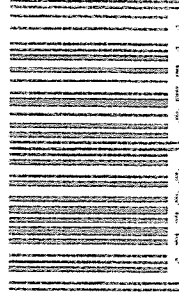
ORDER NO.
5716

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



5716 C6594494

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6594494

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1228	90	RW
600	Proof	1228	90	RW
607	Check Headspace	1228	90	RW
610	Dis-assemble Gun	1228	90	RW
612	Magnaflux Barrel Action		1-7-91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GL
617	Drill and Tap Sight Holes	1 10 91		LB
618	Polish Barrel	1 10 91		WB
620	Apply Coatings (Barrel Action)		1-13-91	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/19/91	RW
	C) Inspect Ejector Hole for Chamfer		1/19/91	RW
	D) Oil Firing Pin Ass'y		1/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-25-91	JP

op. #	BARBER - M24 0018105 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			1/28/91	WLB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			1/28/91	WLB
	H) Trigger Pull Test & Retainability						1-25-91	JL
	I) Firing Pin Indent	.022	.0215	.0215			1/28/91	WLB
	J) Assemble Stock						1/29/91	RW
	K) Assemble Swivel Studs						2-6-91	DH
	L) Attach Front and Rear Sight Assemblies						1/29/91	RW
	M) Iron Sight Alignment						1/29/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/29/91	RW
	O) Attach Scope to Rifle						1/29/91	RW
	P) Detach & Attach Scope 20 Times						1/29/91	RW
640	Gallery Target & Test						1-29-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						1-29-91	NF
655	Final Inspection							
	A) Headspace						2-6-91	DH
	B) Trigger Pull	2.50	2.58	2.59	2.54	2.26	2-4-91	JL
	C) Function						2-6-91	DH
660	Pack						3-18-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO C6594494DATE 1-25-91TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.38	2.22	2.50	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.39	2.41	2.19	2.58	
PULL #3	2.41	2.41	2.19	2.59	
PULL #4	2.37	2.41	2.20	2.54	
PULL #5	2.42	2.43	2.22	2.26	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.21		
PULL #2	3.38	3.18		
PULL #3	3.49	3.22		
PULL #4	3.45	3.22		
PULL #5	3.40	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.45	4.31		4.34
PULL #2	4.24	4.20		4.22
PULL #3	4.37	4.22		4.32
PULL #4	4.38	4.28		4.36
PULL #5	4.37	4.16		
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594494
30 Jan 1991

CENTROIDAL DISTANCES

0 TO 1	.328055
1 TO 2	.333736
1 TO 3	.237929
1 TO 4	.273585
1 TO 5	.194288

⊙ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0204
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1314
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .132974
THE AMR FOR THIS RIFLE IS: .986

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6534494

CENTERFIRE PATTERNS # 1

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.553

VS= 2.401

GS= 2.652

CENTROID *

PATTERN #

1

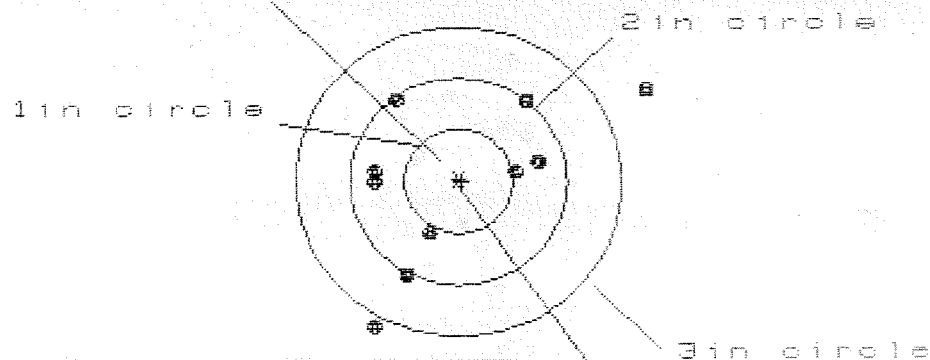
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.760	1.072	1.146
MINIMUM X	-.793	-.598	-.524
MAXIMUM Y	1.661	1.606	1.435
MINIMUM Y	-.740	-.795	-.594
CENTROID X	.006	-.189	-.263
CENTROID Y	-.328	-.274	-.475
POA TO CENTROID in.	.329	.333	.543
MIN RADIUS	.405	.354	.236
MEAN RADIUS	1.022	.903	.720
MAX RADIUS	1.826	1.711	1.449
HORIZONTAL SPREAD	2.553	1.670	1.670
VERTICAL SPREAD	2.401	2.401	2.029
EXTREME SPREAD	2.652	2.652	2.127
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594494

CENTERFIRE PATTERNS # 2

POA



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 7

3 in = 8

HS = 2.555

VS = 2.292

GS = 3.406

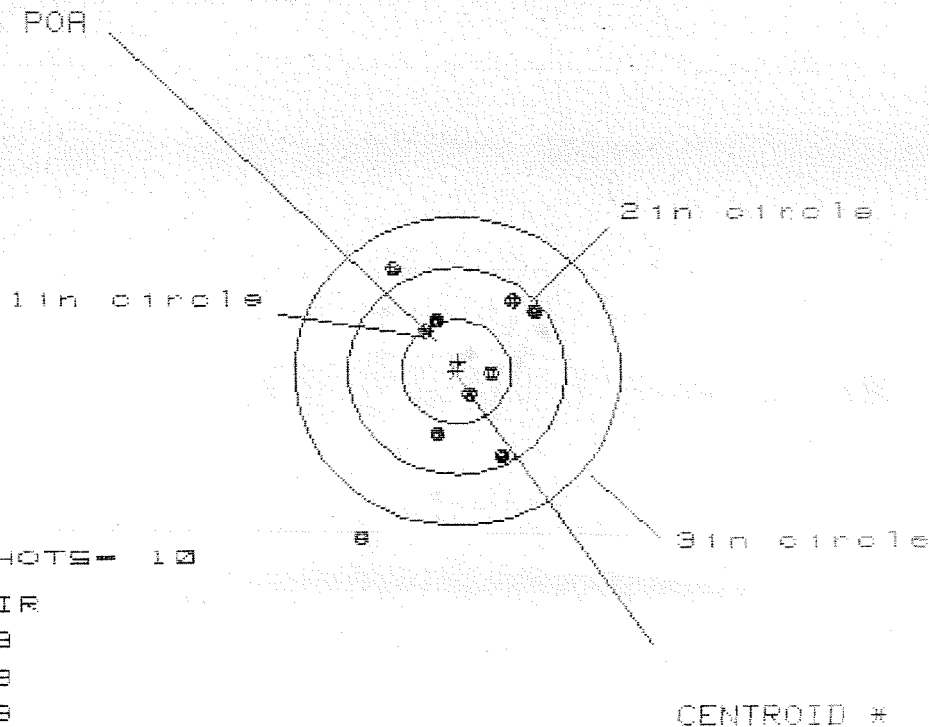
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.734	.962	.888
MINIMUM X	:	-.821	-.628	-.702
MAXIMUM Y	:	.897	.877	.715
MINIMUM Y	:	-1.395	-1.295	-.991
CENTROID X	:	-.028	-.221	-.147
CENTROID Y	:	.004	-.096	.066
POA TO CENTROID in.	:	.029	.241	.161
MIN RADIUS	:	.505	.414	.585
MEAN RADIUS	:	.996	.866	.792
MAX RADIUS	:	1.953	1.424	1.043
HORIZONTAL SPREAD	:	2.555	1.590	1.590
VERTICAL SPREAD	:	2.292	2.172	1.706
EXTREME SPREAD	:	3.406	2.564	1.988
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594494

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 1.529

VS= 2.545

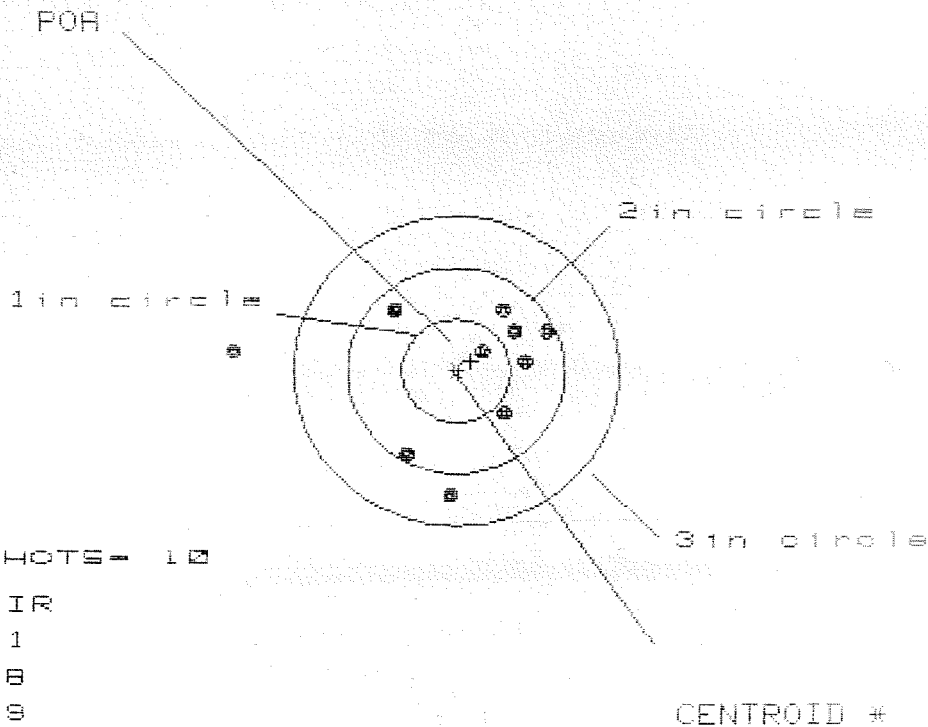
GS= 2.660

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.676	.581	.498
MINIMUM X	-.853	-.669	-.452
MAXIMUM Y	.986	.812	.581
MINIMUM Y	-1.560	-.956	-.854
CENTROID X	-.015	.080	.163
CENTROID Y	-.091	.082	-.020
POA TO CENTROID in.	.093	.114	.164
MIN RADIUS	.206	.300	.185
MEAN RADIUS	.775	.639	.576
MAX RADIUS	1.777	1.052	.881
HORIZONTAL SPREAD	1.529	1.250	.950
VERTICAL SPREAD	2.545	1.768	1.435
EXTREME SPREAD	2.660	2.015	1.530
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08534494

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 8

3 in = 9

HS = 2.000

VS = 1.820

GS = 2.891

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.845	.619	.582
MINIMUM X	-2.035	-.784	-.821
MAXIMUM Y	.597	.614	.463
MINIMUM Y	-1.223	-1.206	-.926
CENTROID X	-.139	.087	.124
CENTROID Y	-.096	-.113	.038
POA TO CENTROID in.	.168	.143	.130
MIN RADIUS	.289	.199	.061
MEAN RADIUS	.887	.694	.577
MAX RADIUS	2.041	1.242	1.194
HORIZONTAL SPREAD	2.888	1.403	1.403
VERTICAL SPREAD	1.820	1.820	1.389
EXTREME SPREAD	2.891	1.885	1.792
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06594494

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 3

2in = 7

3in = 10

HS = 2.063

VS = 2.017

GS = 2.121

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	1.100
MINIMUM X	-.963
MAXIMUM Y	.896
MINIMUM Y	-1.121
CENTROID X	.074
CENTROID Y	-.146
POR TO CENTROID in.	.164
MIN RADIUS	.219
MEAN RADIUS	.750
MAX RADIUS	1.154
HORIZONTAL SPREAD	2.063
VERTICAL SPREAD	2.017
EXTREME SPREAD	2.121
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	10