

06523410

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

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

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

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

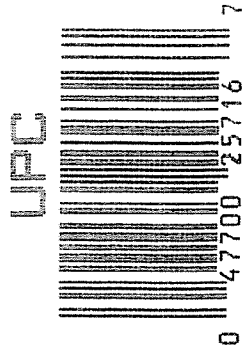
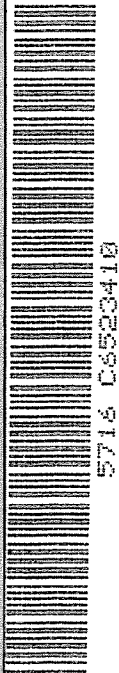
MODEL 700TM M24

SERIAL NO.
06523410

ORDER NO.
5715

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

01



CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523410

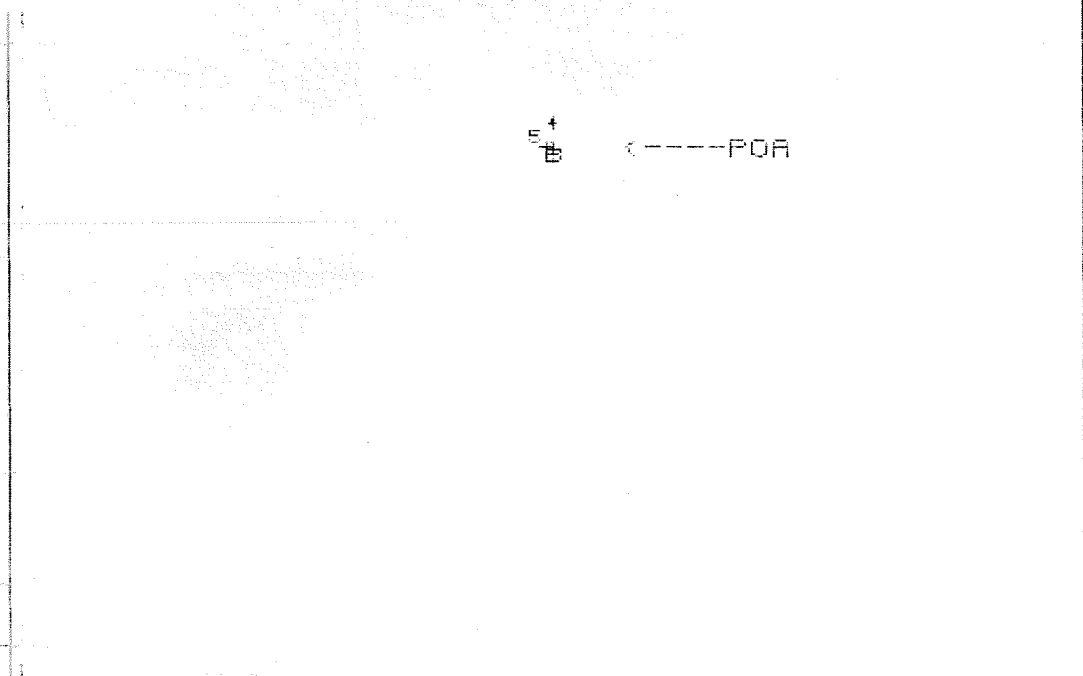
OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 24	90	RW
600	Proof	9 24	90	RW
607	Check Headspace	9 24	90	RW
610	Dis-assemble Gun	9 24	90	RW
612	Magnaflux Barrel Action		9-25-90	KR
	Magnaflux Bolt		9-25-90	KR
615	Rollmark Caliber		9-25-90	J.B.
617	Drill and Tap Sight Holes		9-25-90	FB
618	Polish Barrel <i>RB</i>		9/28/90	WB
620	Apply Coatings (Barrel Action)		10-2-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/9/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/9/90	RW
	C) Inspect Ejector Hole for Chamfer		10/9/90	RW
	D) Oil Firing Pin Ass'y		10/9/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/31/90	RW

op. #	BARBER - M24 0027590	READINGS			DATE	INIT
	OP. NAME					
625 cont.	F) Safety On Force	6	6	6	10/31/90	WLB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4	10/31/90	WLB
	H) Trigger Pull Test & Retainability				10/31/90	WLB
	I) Firing Pin Indent	.023	.023	.023	10/31/90	WLB
	J) Assemble Stock				11/1/90	Rev
	K) Assemble Swivel Studs				11/19/90	WLB
	L) Attach Front and Rear Sight Assemblies				11/1/90	Rev
	M) Iron Sight Alignment				11/1/90	Rev
	N) Detach Front & Rear Sights & place in numbered container				11/1/90	Rev
	O) Attach Scope to Rifle				11/1/90	Rev
	P) Detach & Attach Scope 20 Times				11/1/90	Rev
640	Gallery Target & Test				11-2-90	AC
	A) Time				11-2-90	AC
	B) Malfunctions				11-2-90	AC
	C) Pierced Primers				11-2-90	AC
	D) Optical Clarity of Scope				11-2-90	AC
645	Inspect for Live Ammo				11-2-90	AC
655	Final Inspection					
	A) Headspace				11/19/90	WLB
	B) Trigger Pull	263	290	263	11/19/90	WLB
	C) Function				11/19/90	WLB
660	Pack				12/18/90	WLB

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523410
2 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.133735
1 TO	2	.143892
1 TO	3	.144516
1 TO	4	.476017
1 TO	5	.384974



 5 4
 1 2 3 4 5

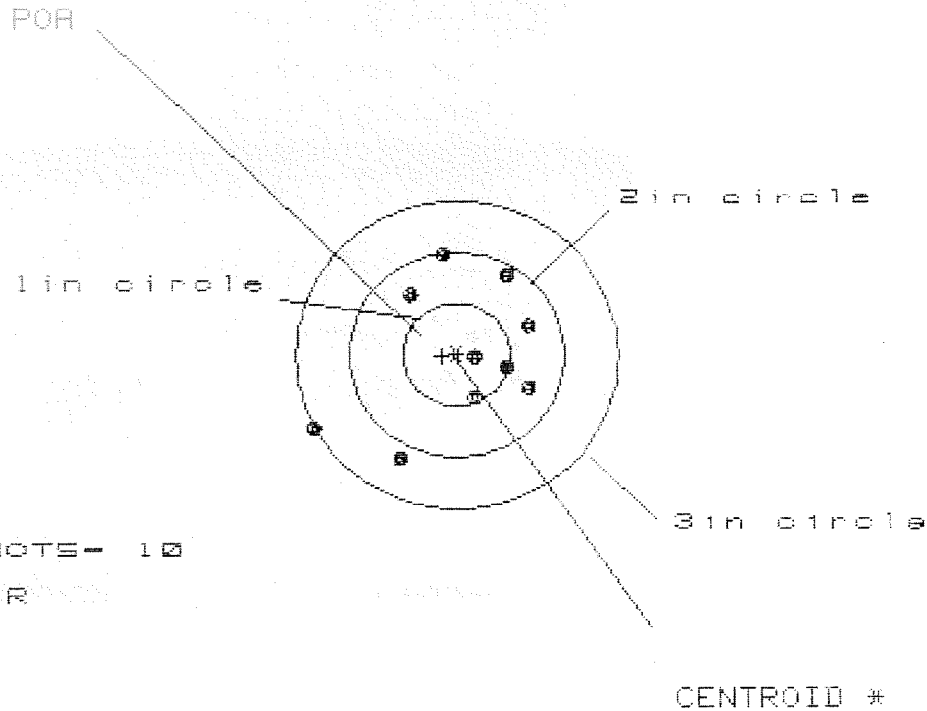
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .077
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1002
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .126369

THE AVERAGE POI RADIUS FOR THIS RIFLE IS: .8034

2 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6523410

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.046

VS= 1.972

GS= 2.380

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.664	.510	.430
MINIMUM X	-1.382	-.639	-.674
MAXIMUM Y	.957	.874	.736
MINIMUM Y	-1.016	-1.098	-.681
CENTROID X	.133	.287	.367
CENTROID Y	.014	.096	.234
POR TO CENTROID in.	.134	.303	.435
MIN RADIUS	.146	.105	.258
MEAN RADIUS	.777	.651	.573
MAX RADIUS	1.571	1.271	.823
HORIZONTAL SPREAD	2.046	1.149	1.104
VERTICAL SPREAD	1.972	1.972	1.417
EXTREME SPREAD	2.380	2.029	1.442
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

2 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6525410

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 1.637

VS= 2.197

GS= 2.305

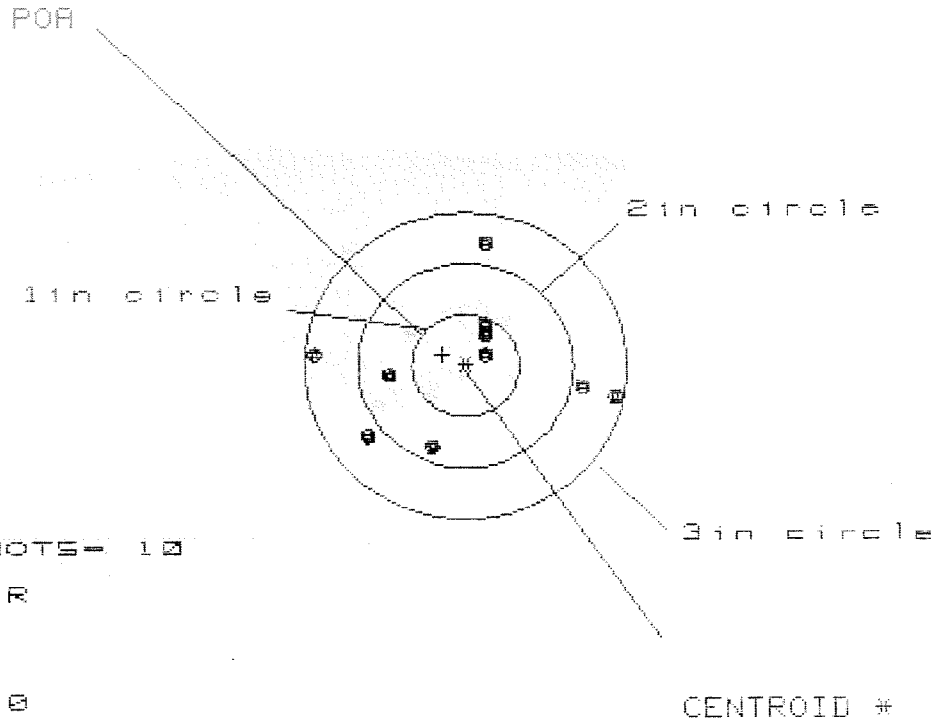
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.614	.501	.446
MINIMUM X	:	-1.022	-.464	-.519
MAXIMUM Y	:	1.089	.753	.630
MINIMUM Y	:	-1.108	-.987	-.818
CENTROID X	:	.089	.203	.258
CENTROID Y	:	-.123	-.244	-.121
POR TO CENTROID in.	:	.152	.318	.285
MIN RADIUS	:	.054	.169	.208
MEAN RADIUS	:	.702	.614	.529
MAX RADIUS	:	1.494	1.080	.825
HORIZONTAL SPREAD	:	1.637	.965	.965
VERTICAL SPREAD	:	2.197	1.740	1.448
EXTREME SPREAD	:	2.305	1.790	1.458
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

2 May 1990

FILE: \PATTERNING\CENTERFIRE_PATT\08523410

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 10

HS = 2.730

VS = 2.050

GS = 2.750

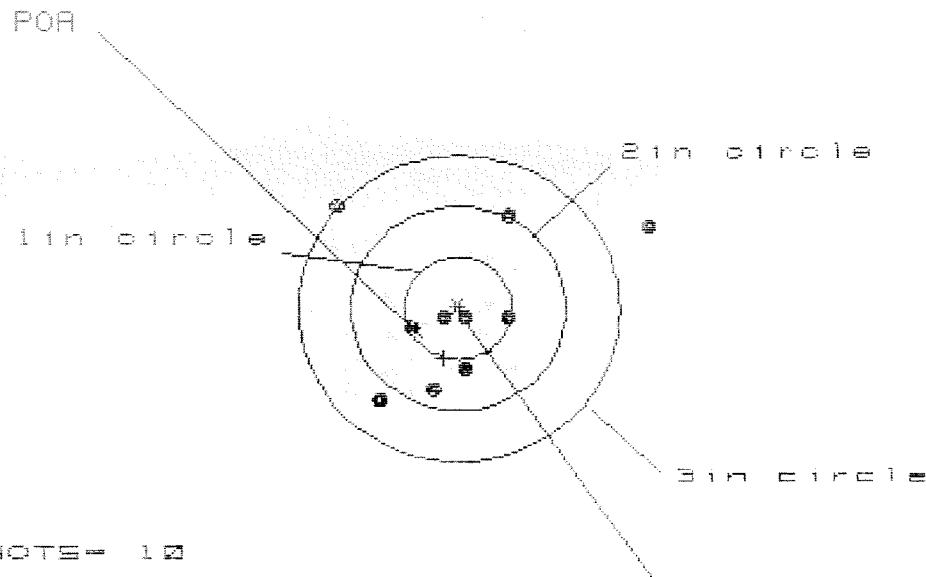
PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.360	1.272	1.120
MINIMUM X	-1.370	-1.219	-.878
MAXIMUM Y	1.211	1.181	1.193
MINIMUM Y	-.839	-.869	-.857
CENTROID X	.215	.064	.216
CENTROID Y	-.105	-.075	-.087
POA TO CENTROID in.	.239	.099	.233
MIN RADIUS	.228	.366	.221
MEAN RADIUS	.893	.842	.769
MAX RADIUS	1.386	1.292	1.201
HORIZONTAL SPREAD	2.730	2.491	1.998
VERTICAL SPREAD	2.050	2.050	2.050
EXTREME SPREAD	2.750	2.511	2.202
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

2 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523410

CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 8

HM = 2.931

VS = 1.926

GS = 2.991

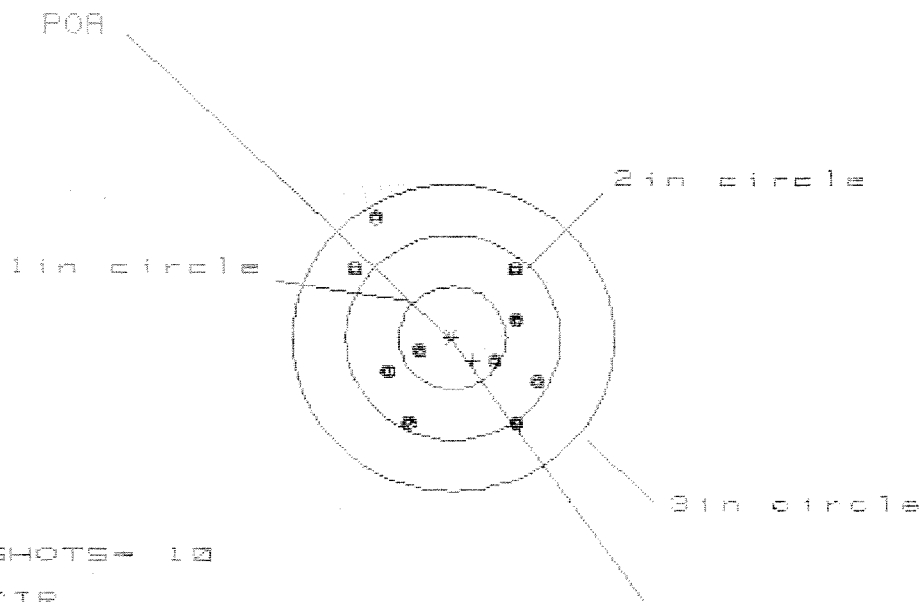
CENTROID *

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.714	.637	.522
MINIMUM X	-1.107	-.917	-.644
MAXIMUM Y	1.016	1.109	1.121
MINIMUM Y	-.910	-.817	-.679
CENTROID X	.137	-.053	.062
CENTROID Y	.490	.397	.259
POA TO CENTROID in.	.509	.401	.266
MIN RADIUS	.105	.070	.124
MEAN RADIUS	.812	.662	.533
MAX RADIUS	1.904	1.439	1.237
HORIZONTAL SPREAD	2.821	1.554	1.166
VERTICAL SPREAD	1.926	1.926	1.800
EXTREME SPREAD	2.991	2.145	2.145
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

2 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523410

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS = 1.758

VS = 2.031

GS = 2.385

CENTROID *

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	.825
MINIMUM X	-.933
MAXIMUM Y	1.180
MINIMUM Y	-.851
CENTROID X	-.189
CENTROID Y	.225
POA TO CENTROID in.	.294
MIN RADIUS	.283
MEAN RADIUS	.833
MAX RADIUS	1.362
HORIZONTAL SPREAD	1.758
VERTICAL SPREAD	2.031
EXTREME SPREAD	2.385
NUMBER IN ONE INCH CIRCLE =	2
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	10

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

SERIAL NO. C6523410DATE 10/31/90TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.49	2.19	2.63	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.49	2.26	2.25	2.90	
PULL #3	2.50	2.40	2.19	2.63	
PULL #4	2.18	2.21	2.17	2.64	
PULL #5	2.40	2.54	2.43	2.62	
TOTAL	11.97	11.90	11.23		
AVG.	2.394	2.38	2.246		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.24	3.23		
PULL #2	3.45	3.48		
PULL #3	3.37	3.45		
PULL #4	3.34	3.48		
PULL #5	3.35	3.51		
TOTAL	16.75	17.15		
AVG.	3.35	3.43		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.41	4.49		4.26
PULL #2	4.44	4.12		4.19
PULL #3	4.50	4.44		4.28
PULL #4	4.18	4.39		4.44
PULL #5	4.27	4.24		4.33
TOTAL	21.8	21.68		21.50
AVG.	4.36	4.336		4.3

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0027508

COMMENTS

ORDER
R 94-18042

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

W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN

SCOPE 90-1064

DATE RECEIVED 06/09/94 DATE OPENED 06/09/94 DATE CODE SERIAL NUMBER C6523410 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
ANNISTON

AL
36201-5025

CUST NO: 098397 CJO.D

ACCOUNT NUMBER ACCOUNT NUMBER N/C 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		D2			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 \$173.31
CTI 50.00
\$223.31

REPAIRMAN PROOF CLEAN TEST TARGET PATTERN

GALLERY TESTER DATE DATE DATE DATE DATE

BB

127-95

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0027508 27637

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

SERIAL NO. C6523410DATE 10-25-95TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.53	2.61	2.68	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.49	2.67	
PULL #3	2.52	2.53	2.47	
PULL #4	2.45	2.51	2.67	
PULL #5	2.49	2.43	2.70	
TOTAL	12.40	12.57	13.19	
AVG.	2.48	2.51	2.63	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.07	3.00	
PULL #2	3.00	3.01	
PULL #3	3.03	2.90	
PULL #4	3.02	2.88	
PULL #5	3.00	2.84	
TOTAL	15.12	14.63	
AVG.	3.02	2.92	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.21	4.14	
PULL #2	4.16	4.14	4.01	
PULL #3	4.09	4.10	4.02	
PULL #4	4.03	4.15	4.00	
PULL #5	4.12	4.16	4.01	
TOTAL	20.58	20.76	20.18	
AVG.	4.11	4.15	4.03	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523410

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			

BARBER - M24 0027601

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5 3/4	6	5 3/4			12/14	WB
	G) Safety Off Force	3 1/4	3 1/4	3 1/4			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							
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	2.62	2.83	2.73	2.83	2.85	12/14	WB
	C) Function							
660	Pack							