

C6523334

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5715**

*Includes 1 in chamber.

Remington

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER UPRJC, 6	1b. CUSTOMER UNIT NAME HHC 1-161	1c. PHONE NO 253 7-6469	3a. WORK ORDER NUMBER (WON) 40090003	3b. SHOP	3c. PHONE NO	
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME		
SECTION III - EQUIPMENT DATA						
5. TYPE MINT REQ CODE	6. ID 1005012402136	7. NSN	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL M24 RIFLE	9. NOUN RIFLE 7.62mm SNIPER M24		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R	
10a. ORG WON/DOC NO	10b. EIC		17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
11. SERIAL NUMBER 66523434	12. QTY 1	13. PD	21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		22. LEVEL OF WORK	
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			23. SIGNATURE			
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) TECH INSP REPAIR AS NEEDED						
25. REMARKS (RETURN DOC # 40090004)						
PREPARATION INSTRUCTIONS FOR THIS PAGE						
SECTION I			SECTION III (Cont'd)			
Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.			Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.			
SECTION II						
Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.						
SECTION III						
Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.						
34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE				
34b. DATE	35b. STATUS	35d. TIME				
			Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.			

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

Remington®
 REG. U.S. PAT. & TM. OFF.

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

MODEL 700™ M24

SERIAL NO.
 C6523334

ORDER NO.
 5716

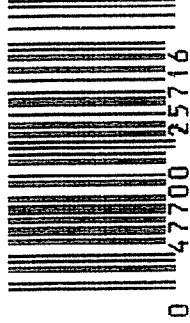
MADE IN LION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01



5716 C6523334

LPC



7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523334

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 2	90	RW
600	Proof	10 2	90	RW
607	Check Headspace	10 2	90	RW
610	Dis-assemble Gun	10 2	90	RW
612	Magnaflux Barrel Action		10-2-90	KR
	Magnaflux Bolt		10-2-90	KR
615	Rollmark Caliber		10-2-90	GS
617	Drill and Tap Sight Holes		10/4/90	FB
618	Polish Barrel RB		10/5/90	WB
620	Apply Coatings (Barrel Action)		10-20-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/7/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/7/90	RW
	C) Inspect Ejector Hole for Chamfer		11/7/90	RW
	D) Oil Firing Pin Ass'y		11/7/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11/9/90	WB

op. #	BARBER - M24 0006268 OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	4	4	11/21/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4	11/21/90	WB
	H) Trigger Pull Test & Retainability				11/19/90	WB
	I) Firing Pin Indent	.023	.023	.023	11/21/90	WB
	J) Assemble Stock				11/26/90	RW
	K) Assemble Swivel Studs				11-28-90	JS
	L) Attach Front and Rear Sight Assemblies				11/26/90	RW
	M) Iron Sight Alignment				11/26/90	RW
	N) Detach Front & Rear Sights & place in numbered container				11/26/90	RW
	O) Attach Scope to Rifle				11/26/90	RW
	P) Detach & Attach Scope 20 Times				11/26/90	RW
640	Gallery Target & Test				11-27-90	DL
	A) Time				11-27-90	DL
	B) Malfunctions				11-27-90	DL
	C) Pierced Primers				11-27-90	DL
	D) Optical Clarity of Scope				11-27-90	DL
645	Inspect for Live Ammo				11-27-90	DL
655	Final Inspection					
	A) Headspace				11-28-90	JS
	B) Trigger Pull	225	224	222	11-28-90	JS
	C) Function				11-28-90	JS
660	Pack				12/14/90	RF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C65233341DATE 11/19/90TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.41	2.33	2.25	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.32	2.37	2.24	
PULL #3	2.35	2.33	2.32	2.22	
PULL #4	2.38	2.35	2.40	2.24	
PULL #5	2.38	2.31	2.38	2.22	
TOTAL	12.01	11.72	11.80		
AVG.	2.40	2.34	2.36		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.11	3.19		
PULL #2	3.00	3.21		
PULL #3	3.00	3.12		
PULL #4	3.10	3.07		
PULL #5	3.11	3.17		
TOTAL	15.32	15.76		
AVG.	3.06	3.15		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	3.95		4.04
PULL #2	4.02	3.98		4.09
PULL #3	4.08	4.16		4.16
PULL #4	4.00	4.05		4.00
PULL #5	4.03	3.94		4.08
TOTAL	20.15	20.08		20.37
AVG.	4.03	4.02		4.07

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06529334
27 Nov 1990

CENTROIDAL DISTANCES

0 TO 1	.662837
1 TO 2	.291625
1 TO 3	.27927
1 TO 4	.404456
1 TO 5	.853793

$\frac{4.5}{5}$ <----POI

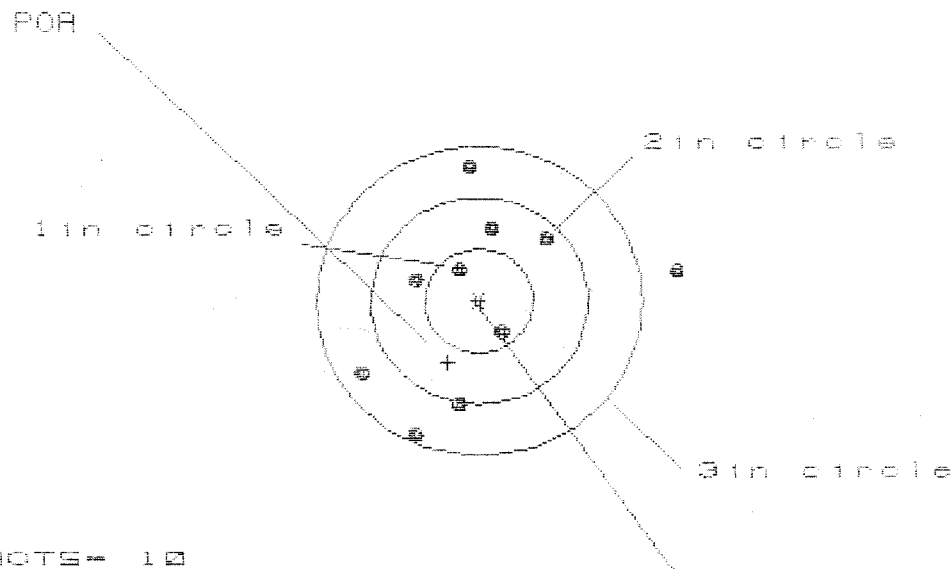
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2734
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .268
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .397104

THE AMR FOR THIS RIFLE IS: .905

27 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523334

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 3

HS= 2.911

VS= 2.588

GS= 3.087

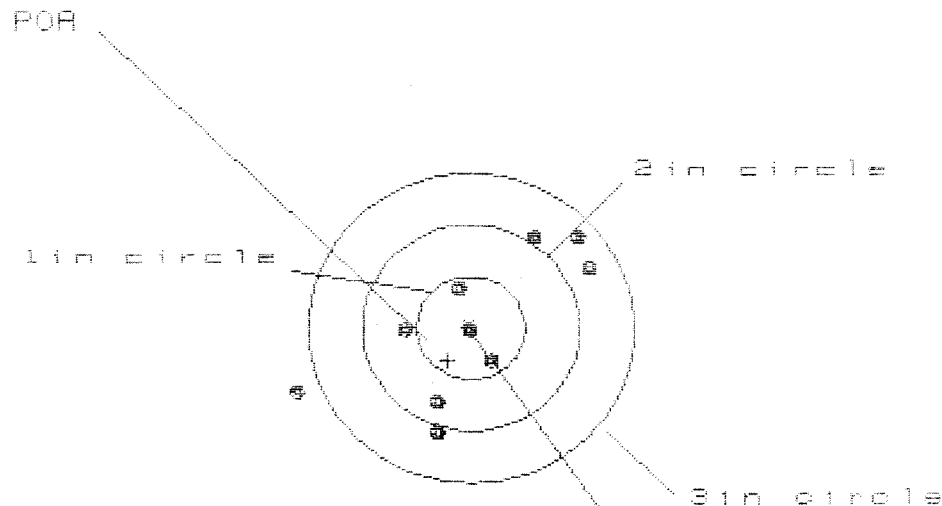
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.784	.824	.779
MINIMUM X	-1.127	-.929	-.974
MAXIMUM Y	1.315	1.350	1.196
MINIMUM Y	-1.273	-1.238	-1.112
CENTROID X	.288	.089	.134
CENTROID Y	.597	.562	.716
POA TO CENTROID in.	.662	.569	.729
MIN RADIUS	.323	.299	.147
MEAN RADIUS	.969	.861	.779
MAX RADIUS	1.811	1.356	1.281
HORIZONTAL SPREAD	2.911	1.753	1.753
VERTICAL SPREAD	2.588	2.588	2.308
EXTREME SPREAD	3.087	2.631	2.312
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523334

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.769

VS= 1.895

GS= 3.020

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.135	.954	1.059
MINIMUM X	:	-1.633	-.750	-.645
MAXIMUM Y	:	.876	.813	.881
MINIMUM Y	:	-1.019	-1.082	-.980
CENTROID X	:	.210	.391	.286
CENTROID Y	:	.316	.379	.277
POB TO CENTROID in.	:	.379	.544	.399
MIN RADIUS	:	.061	.201	.059
MEAN RADIUS	:	.854	.770	.683
MAX RADIUS	:	1.729	1.200	1.227
HORIZONTAL SPREAD	:	2.769	1.704	1.704
VERTICAL SPREAD	:	1.895	1.895	1.861
EXTREME SPREAD	:	3.020	2.330	2.174
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06523334

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS = 2.078

VS = 1.876

GS = 2.251

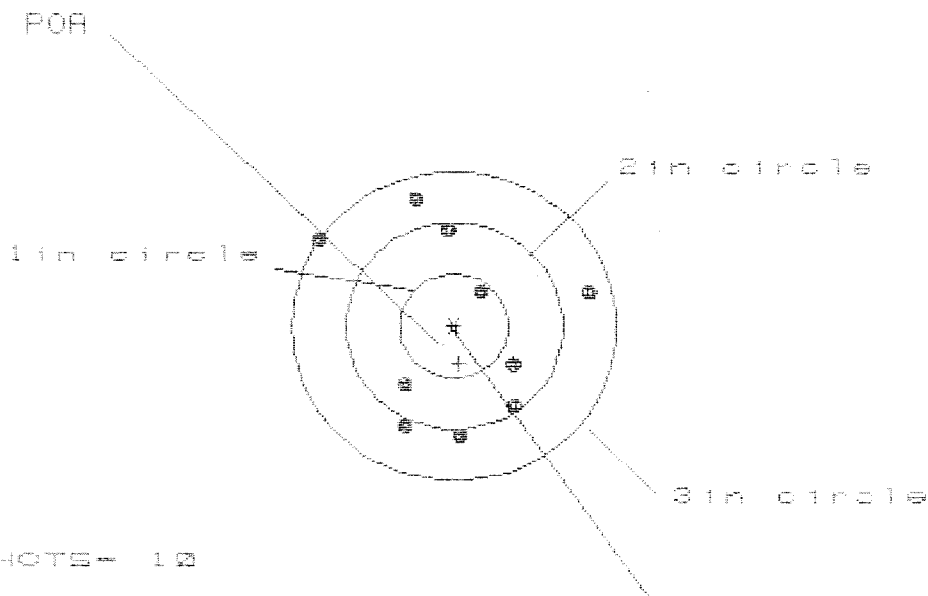
CENTROID #

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.121	.897	.830
MINIMUM X	-.957	-.832	-.899
MAXIMUM Y	.885	.921	.908
MINIMUM Y	-.991	-.893	-.778
CENTROID X	.234	.109	.176
CENTROID Y	.323	.225	.110
POA TO CENTROID in.	.399	.250	.207
MIN RADIUS	.110	.096	.217
MEAN RADIUS	.843	.758	.718
MAX RADIUS	1.428	1.065	.964
HORIZONTAL SPREAD	2.078	1.729	1.729
VERTICAL SPREAD	1.876	1.814	1.686
EXTREME SPREAD	2.251	1.991	1.823
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6529334

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.511

VS = 2.340

GS = 2.576

CENTROID #

PATTERN #	1	4	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.248	1.108	.550
MINIMUM X	-1.263	-.642	-.504
MAXIMUM Y	1.235	1.331	1.388
MINIMUM Y	-1.105	-1.009	-.960
CENTROID X	-.044	.096	-.042
CENTROID Y	.366	.270	.221
POA TO CENTROID in.	.369	.286	.225
MIN RADIUS	.433	.476	.561
MEAN RADIUS	.983	.899	.859
MAX RADIUS	1.533	1.411	1.419
HORIZONTAL SPREAD	2.511	1.750	1.054
VERTICAL SPREAD	2.340	2.340	2.340
EXTREME SPREAD	2.576	2.363	2.363
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

27 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06529334

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 3

2in = 7

3in = 8

HS = 2.921

VS = 2.777

GS = 3.026

PATTERN #	5
SHOTS (BEST OF)	10
MAXIMUM X	2.076
MINIMUM X	-.045
MAXIMUM Y	1.569
MINIMUM Y	-1.208
CENTROID X	.679
CENTROID Y	-.162
POA TO CENTROID in.	.698
MIN RADIUS	.267
MEAN RADIUS	.876
MAX RADIUS	2.124
HORIZONTAL SPREAD	2.921
VERTICAL SPREAD	2.777
EXTREME SPREAD	3.026
NUMBER IN ONE INCH CIRCLE =	3
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	8

RECEIVING AND ESTIMATING REPORT

BARBER M24 0006276

COMMENTS

ORDER
R 94-18197

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

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

Scope # 90-0717

DATE RECEIVED 06/09/94 DATE OPENED 06/09/94 DATE CODE

SERIAL NUMBER C6523334

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

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 \$173.31
CTI 50.00
\$223.31

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

1211-95

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0006276 06315

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6523334DATE 12-1-94TESTER BMM

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.62	2.57	2.51		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.62	2.61	2.49		
PULL #3	2.63	2.60	2.69		
PULL #4	2.62	2.59	2.67		
PULL #5	2.63	2.66	2.41		
TOTAL	13.12	13.03	12.77		
AVG.	2.62	2.60	2.55		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.01		
PULL #2	3.04	3.04		
PULL #3	3.05	3.01		
PULL #4	2.96	3.03		
PULL #5	3.00	3.04		
TOTAL	15.10	15.13		
AVG.	3.02	3.02		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	4.21		4.19
PULL #2	4.21	4.20		4.19
PULL #3	4.14	4.25		4.21
PULL #4	4.19	4.11		4.18
PULL #5	4.15	4.24		4.11
TOTAL	20.71	21.01		20.88
AVG.	4.14	4.20		4.17

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523334

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 0006279

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	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							
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	272	282	284	278	284	12/14	WB
	C) Function							
660	Pack							