

C6523465

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



BARBER - M24 0028559

Remington ®		DUPONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ M24		SERIAL NO. C6523465	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		Ø1	
 5716 C6523465			

UPC



0 47700 25716 7

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 002855928598

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6523465

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	LS
617	Drill and Tap Sight Holes		9/28/90	LB
618	Polish Barrel RB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	TSA
	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		10-29-90	DH

op. #	BARBER - M24 0028561 OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force	4	4	4		10/29/90	WB
	G) Safety Off Force	3	3	3		10/29/90	WB
	H) Trigger Pull Test & Retainability					10-29-90	DH
	I) Firing Pin Indent	.0225	.0225	.0225		10/29/90	WB
	J) Assemble Stock					10/31/90	RW
	K) Assemble Swivel Studs					11-20-90	DH
	L) Attach Front and Rear Sight Assemblies					10/31/90	RW
	M) Iron Sight Alignment					10/31/90	RW
	N) Detach Front & Rear Sights & place in numbered container					10/31/90	RW
	O) Attach Scope to Rifle					10/31/90	RW
	P) Detach & Attach Scope 20 Times					10/31/90	RW
640	Gallery Target & Test					11-3-90	AE NF
	A) Time					11-3-90	AE NF
	B) Malfunctions					11-3-90	AE NF
	C) Pierced Primers					11-3-90	AE NF
	D) Optical Clarity of Scope					11-3-90	AE NF
645	Inspect for Live Ammo					11-3-90	AE NF
655	Final Inspection						
	A) Headspace					11-20-90	DH
	B) Trigger Pull	265	272	277	276	272	11-20-90 DH
	C) Function					11-20-90	DH
660	Pack					12/14/90	NF

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

SERIAL NO. C6523465DATE 10-27-90

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.35	2.42	2.64	2.65	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.22	2.32	2.61	2.72	
PULL #3	2.33	2.41	2.40	2.77	
PULL #4	2.51	2.36	2.39	2.76	
PULL #5	2.21	2.36	2.43	2.72	
TOTAL	11.62	11.87	12.47		
AVG.	2.32	2.37	2.49		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.32		
PULL #2	3.14	3.26		
PULL #3	3.20	3.23		
PULL #4	3.21	3.21		
PULL #5	3.17	3.32		
TOTAL	15.91	16.34		
AVG.	3.18	3.26		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.40	4.27		4.18
PULL #2	4.34	4.46		4.18
PULL #3	4.41	4.05		4.23
PULL #4	4.17	4.39		4.04
PULL #5	4.16	4.30		4.05
TOTAL	21.48	21.47		20.68
AVG.	4.29	4.29		4.13

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523465
3 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.153101
1 TO	2	.408271
1 TO	3	.293205
1 TO	4	.1467
1 TO	5	.0758024

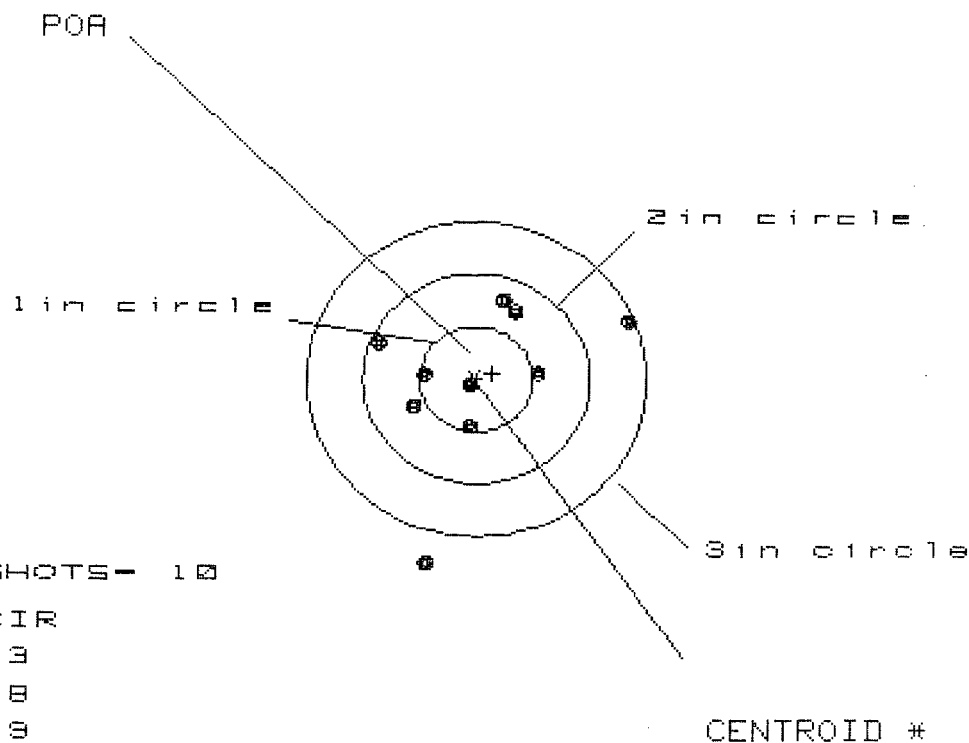
ST <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0242
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0432
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0495165
THE AMR FOR THIS RIFLE IS: .88

3 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523465

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 8

3 in = 9

HS= 2.240

VS= 2.490

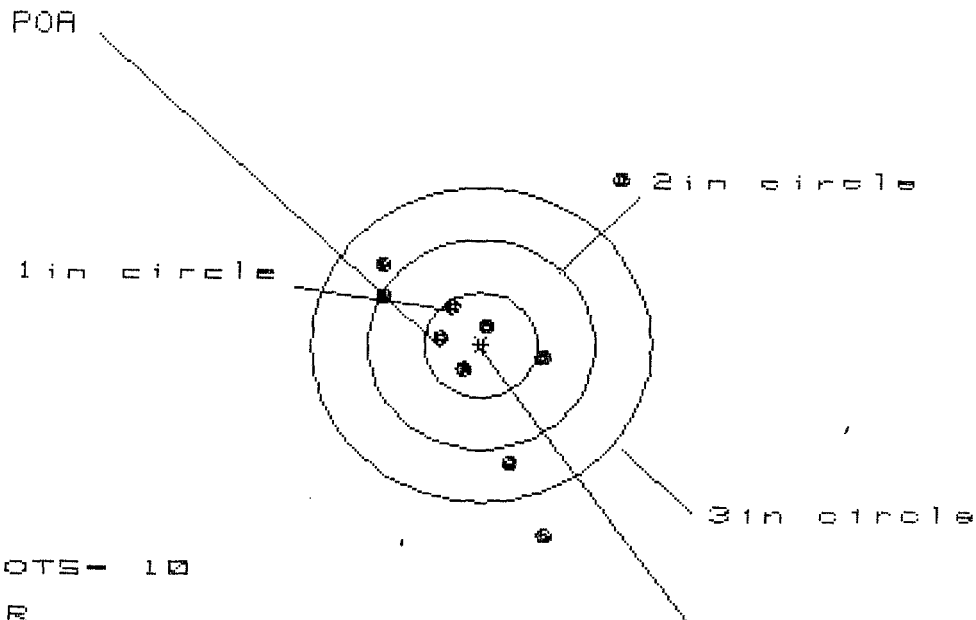
GS= 2.871

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.342	1.292	.669
MINIMUM X	-.898	-.948	-.786
MAXIMUM Y	.788	.599	.642
MINIMUM Y	-1.702	-.593	-.550
CENTROID X	-.144	-.094	-.256
CENTROID Y	-.052	.137	.094
POA TO CENTROID in.	.153	.166	.272
MIN RADIUS	.108	.301	.245
MEAN RADIUS	.782	.681	.575
MAX RADIUS	1.761	1.338	.820
HORIZONTAL SPREAD	2.240	2.240	1.456
VERTICAL SPREAD	2.490	1.192	1.192
EXTREME SPREAD	2.871	2.246	1.486
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

3 Nov 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08523465

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 6

3 in = 8

HS = 2.089

VS = 3.450

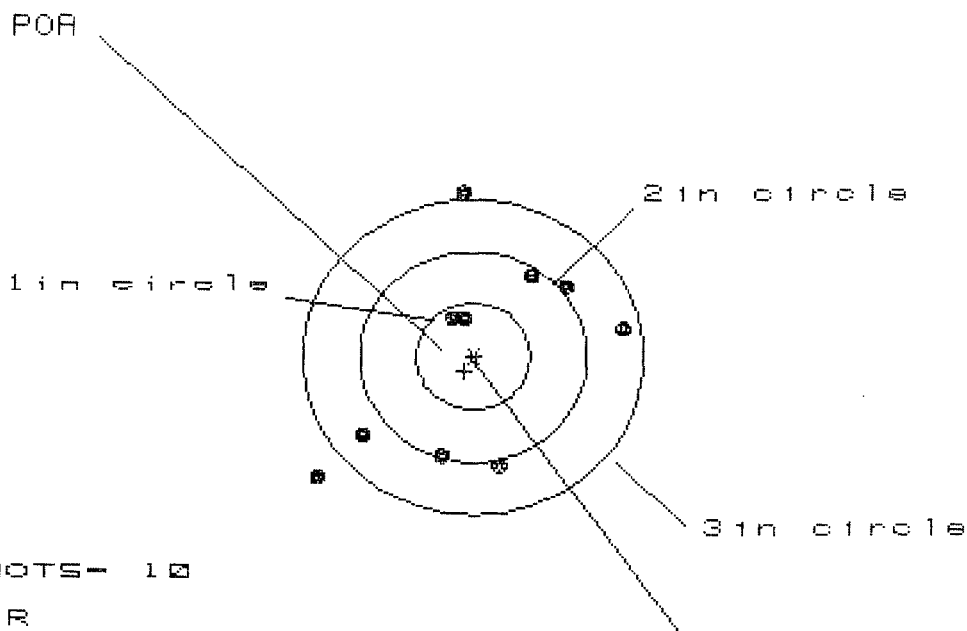
GS = 3.523

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.225	.689	.770
MINIMUM X	:	-.864	-.728	-.647
MAXIMUM Y	:	1.616	.933	.726
MINIMUM Y	:	-1.834	-1.655	-1.183
CENTROID X	:	.155	.019	-.062
CENTROID Y	:	.226	.047	.254
POA TO CENTROID in.	:	.274	.050	.261
MIN RADIUS	:	.155	.082	.166
MEAN RADIUS	:	.911	.778	.606
MAX RADIUS	:	2.028	1.777	1.273
HORIZONTAL SPREAD	:	2.089	1.417	1.417
VERTICAL SPREAD	:	3.450	2.588	1.910
EXTREME SPREAD	:	3.523	2.932	2.212
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

3 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523465

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 8

HS= 2.684

VS= 2.703

GS= 3.042

CENTROID #

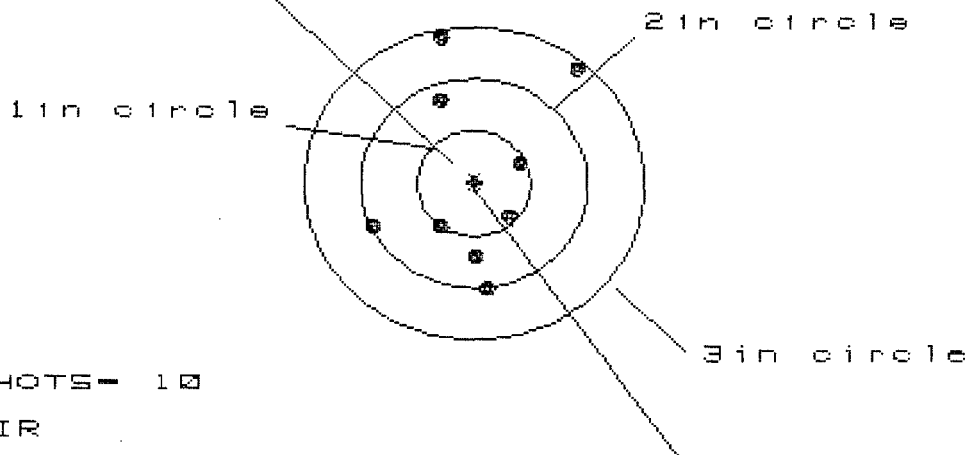
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.336	1.186	1.158
MINIMUM X	:	-1.348	-1.156	-1.184
MAXIMUM Y	:	1.526	1.395	.780
MINIMUM Y	:	-1.177	-1.121	-.947
CENTROID X	:	.081	.231	.259
CENTROID Y	:	.136	.267	.093
POA TO CENTROID in.	:	.158	.353	.275
MIN RADIUS	:	.351	.285	.447
MEAN RADIUS	:	1.071	.964	.924
MAX RADIUS	:	1.790	1.463	1.387
HORIZONTAL SPREAD	:	2.684	2.342	2.342
VERTICAL SPREAD	:	2.703	2.516	1.727
EXTREME SPREAD	:	3.042	2.555	2.555
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

3 Nov 1998

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CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in = 10

HS- 1.799

VS= 2.416

GS= 2.459

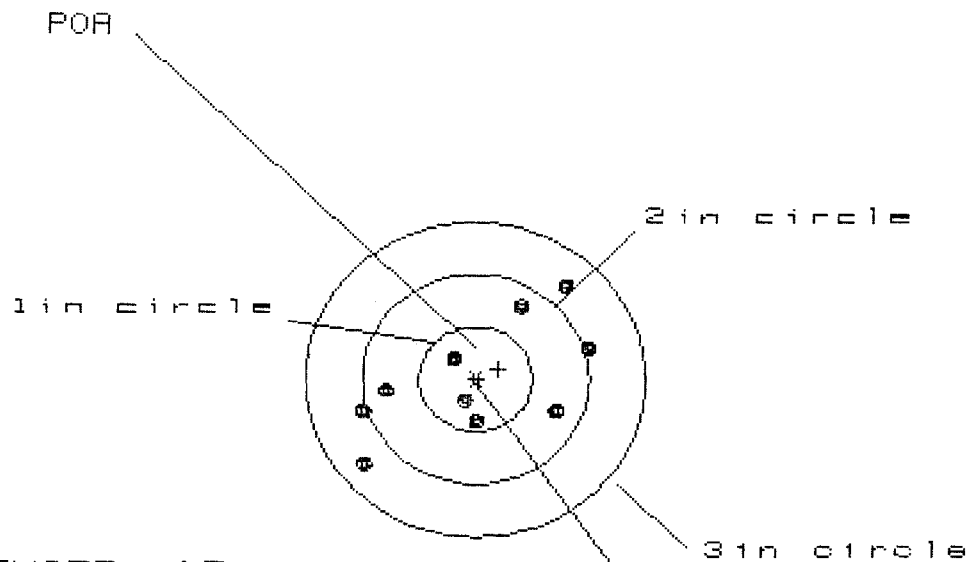
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.931	.492	.467
MINIMUM X	:	-.868	-.764	-.789
MAXIMUM Y	:	1.390	1.516	1.114
MINIMUM Y	:	-1.026	-.900	-.711
CENTROID X	:	-.008	-.112	-.087
CENTROID Y	:	.003	-.123	-.312
POA TO CENTROID in.	:	.009	.166	.324
MIN RADIUS	:	.411	.347	.220
MEAN RADIUS	:	.855	.757	.604
MAX RADIUS	:	1.468	1.529	1.145
HORIZONTAL SPREAD	:	1.799	1.256	1.256
VERTICAL SPREAD	:	2.416	2.416	1.825
EXTREME SPREAD	:	2.459	2.459	1.891
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

3 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6523465

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in - 3

2 in - 6

3 in - 10

HS - 2.043

VS - 1.700

GS - 2.477

CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.052	.942	1.030
MINIMUM X	-.991	-1.101	-1.013
MAXIMUM Y	.930	.844	.712
MINIMUM Y	-.770	-.459	-.353
CENTROID X	-.205	-.095	-.183
CENTROID Y	-.097	-.011	-.117
POA TO CENTROID in.	.227	.096	.217
MIN RADIUS	.204	.327	.193
MEAN RADIUS	.781	.738	.664
MAX RADIUS	1.253	1.157	1.076
HORIZONTAL SPREAD	2.043	2.043	2.043
VERTICAL SPREAD	1.700	1.303	1.065
EXTREME SPREAD	2.477	2.166	2.118
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

94-18333

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

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

DATE RECEIVED 06/11/94 DATE OPENED 06/11/94 DATE CODE SERIAL NUMBER C6523465 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

91-0241

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.O.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
✓ Stock \$471.11	
Trigger Assy 173.31	
✓ Fielding pnt Assy 9.96	
CTI 50.00	
\$704.38	

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

BARBER - M24 0028869 28608

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

SERIAL NO. 06523465
DATE 10-20-95
TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.72	2.78	2.74		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.78	2.80	2.80		
PULL #3	2.75	2.80	2.69		
PULL #4	2.80	2.78	2.62		
PULL #5	2.78	2.76	2.69		
TOTAL	13.83	13.92	13.54		
AVG.	2.76	2.78	2.70		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.28		
PULL #2	3.29	3.01		
PULL #3	3.30	3.26		
PULL #4	3.34	3.31		
PULL #5	3.28	3.31		
TOTAL	16.46	16.17		
AVG.	3.29	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.02	4.06	4.04	
PULL #2	3.92	4.05	4.00	
PULL #3	4.05	3.95	4.00	
PULL #4	4.00	4.02	3.91	
PULL #5	4.09	4.05	3.88	
TOTAL	20.08	20.13	19.83	
AVG.	4.01	4.02	3.96	

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523465

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 0028572

BARBER - M24 0028572							
op. #	OP. NAME	READINGS			DATE	INIT	
625 cont.	F) Safety On Force	6 1/2	6 1/2	6 1/2	12/6	WB	
	G) Safety Off Force	2 1/2	3	2 3/4	12/6	WB	
	H) Trigger Pull Test & Retainability						
	I) Firing Pin Indent	.025	.024	.024	12/6	WB	
	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	2.54	2.52	2.46	2.51	2.47	12/6
	C) Function						
660	Pack						