

06523410

MODEL 700™ H24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Remington[®]

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

DUPONT

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

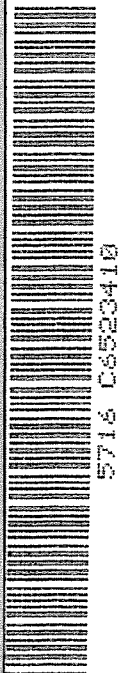
SERIAL NO.
06523410

ORDER NO.
5715

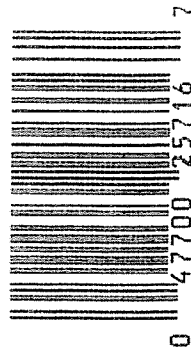
MODEL 700TM M24

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

01



UPC



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. #	OP. NAME	READINGS					DATE	INIT
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	QDS
	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	QDS
	B) Trigger Pull	263	290	263	287	262	11/19/90	QDS
	C) Function						11/19/90	QDS
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

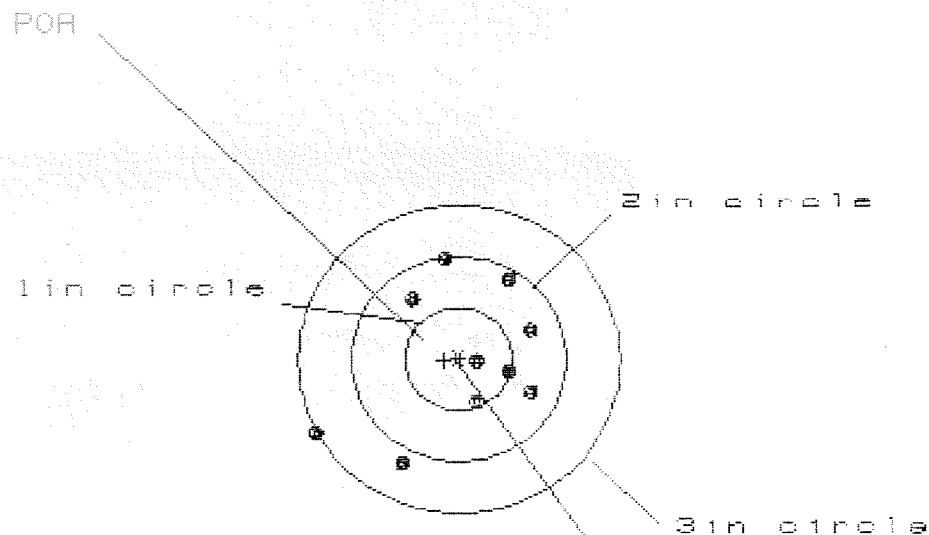
$\bar{x}$
 $\bar{y}$ <----POI

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

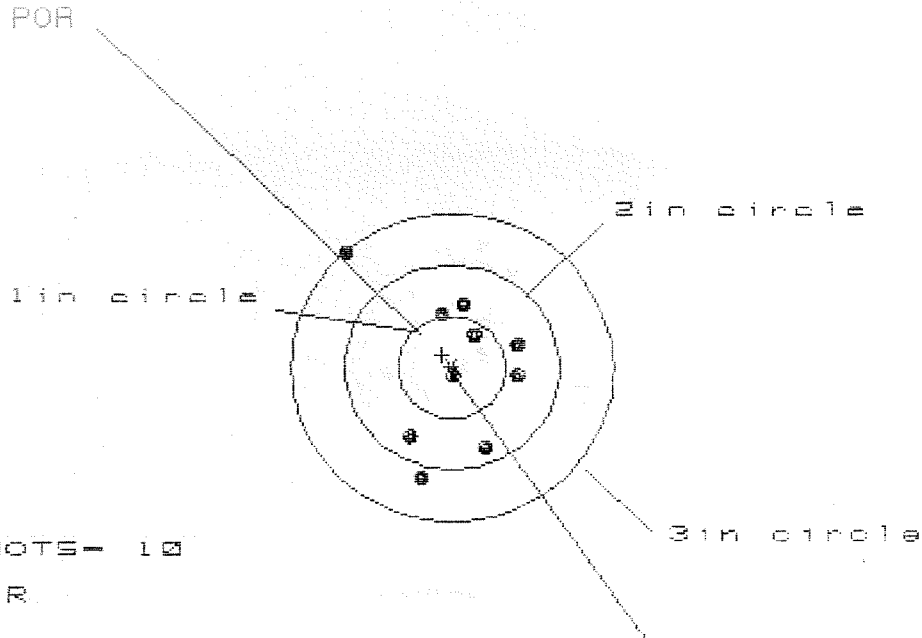
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.664	.510	.420
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/C6523410

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1in = 3

2in = 8

3in = 10

HS = 1.637

VS = 2.197

GS = 2.305

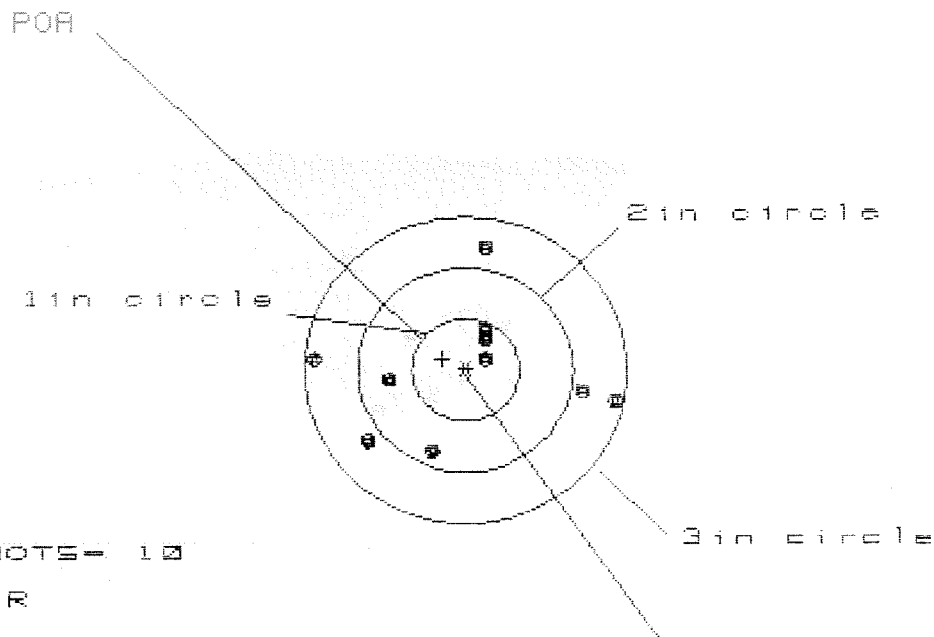
CENTROID *

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/C8523410

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 3

2in = 5

3in = 10

HS = 2.730

VS = 2.050

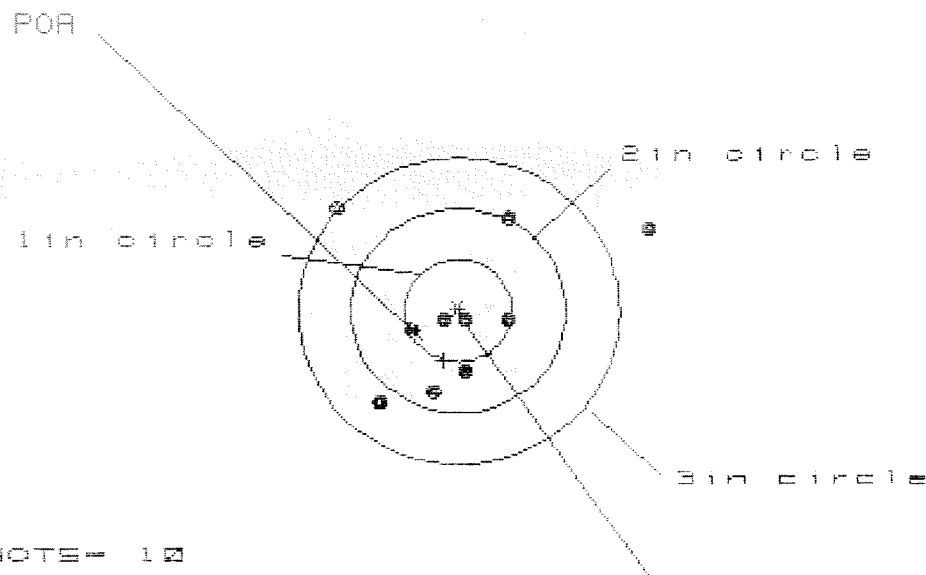
GS = 2.750

PATTERN #	:	3		
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

HS= 2.921

VS= 1.926

GS= 2.991

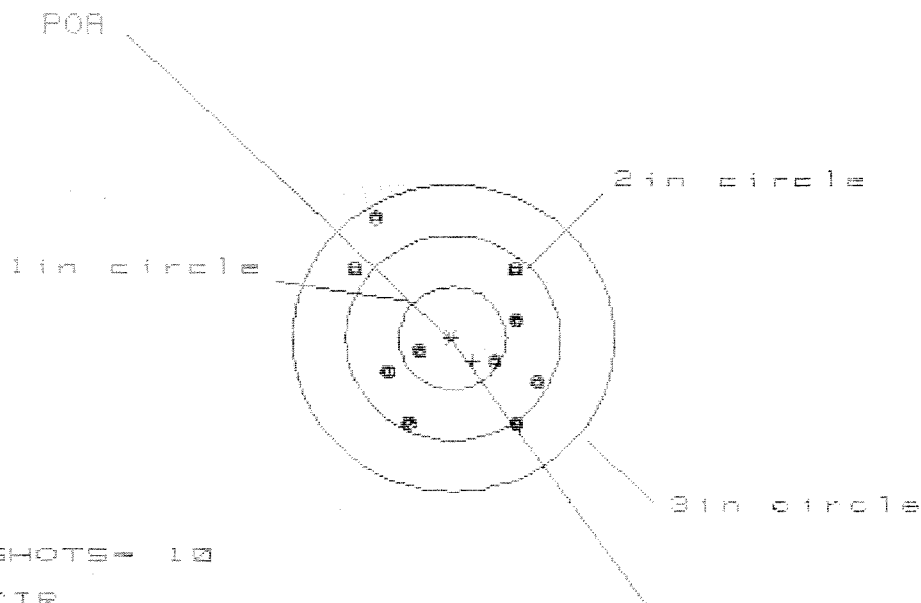
CENTROID #

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 1990

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

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.825	.749	.623
MINIMUM X	-.933	-1.009	-.842
MAXIMUM Y	1.180	.840	.891
MINIMUM Y	-.851	-.720	-.615
CENTROID X	-.189	-.113	.013
CENTROID Y	.225	.094	-.011
POA TO CENTROID in.	.294	.147	.017
MIN RADIUS	.283	.349	.215
MEAN RADIUS	.833	.753	.659
MAX RADIUS	1.362	1.313	.965
HORIZONTAL SPREAD	1.758	1.758	1.465
VERTICAL SPREAD	2.031	1.568	1.506
EXTREME SPREAD	2.385	2.166	1.747
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		10	

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523410

DATE 10/31/90

TESTER 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

COMMENTS

ORDER
R 94-18042

INITIAL	CUSTOMER ORDER NO.		W/10X SCOPE M-24 SNIPER, W/DEPLOYMENT KIT		
FDC	DAAA09-92-C-0834		ATTN: FRED MARTIN		
DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/09/94	06/09/94		C6523410		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			REPAIR CHARGE		
☐ NEW			EXCISE		
☐ LIGHTLY WORN			TAX		
☐ WORN			INSURANCE		
☐ VERY WORN			UPS		
☐ UNREPAIRABLE			PARCEL POST		
☐ MARRED			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			12-9-95		

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400027637

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523410

DATE 10-25-95

TESTER 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			

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							