

C6523465

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.






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

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

MODEL 700TM H24

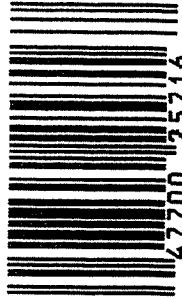
SERIAL NO. C6523465

ORDER NO. 5716

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

Ø1

UPC



0 47700 25716 7



5716 C6523465

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	G.S.
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. #	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

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6523465

DATE 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

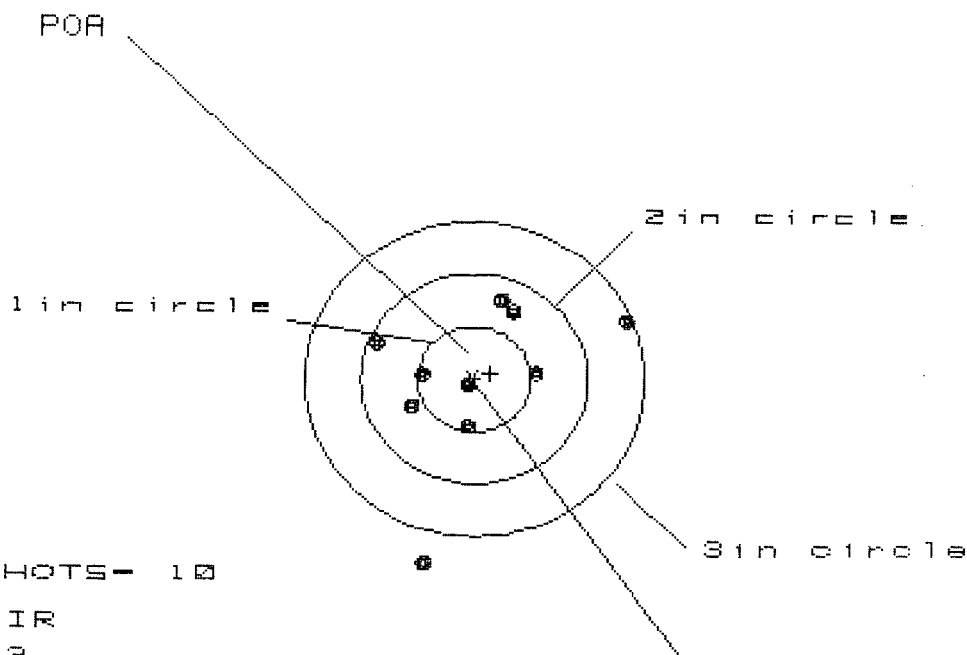
ST <----POA

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

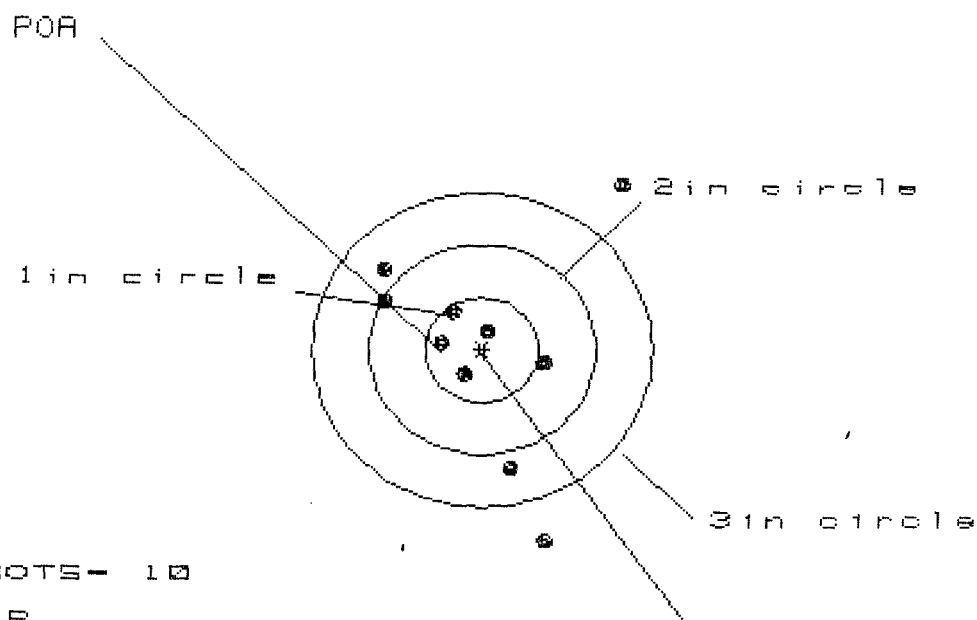
CENTROID *

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/06523465

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

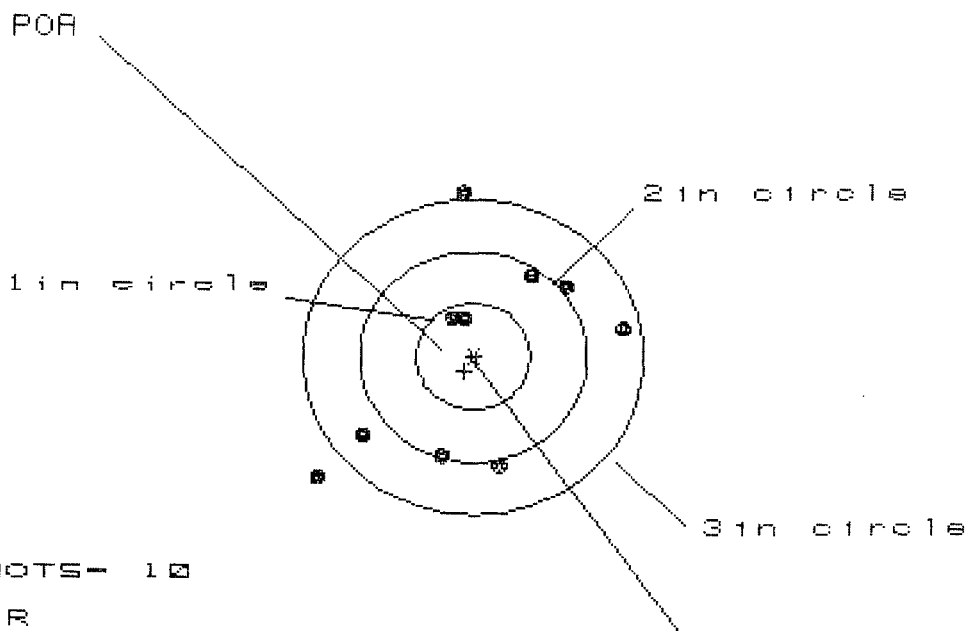
CENTROID *

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 #

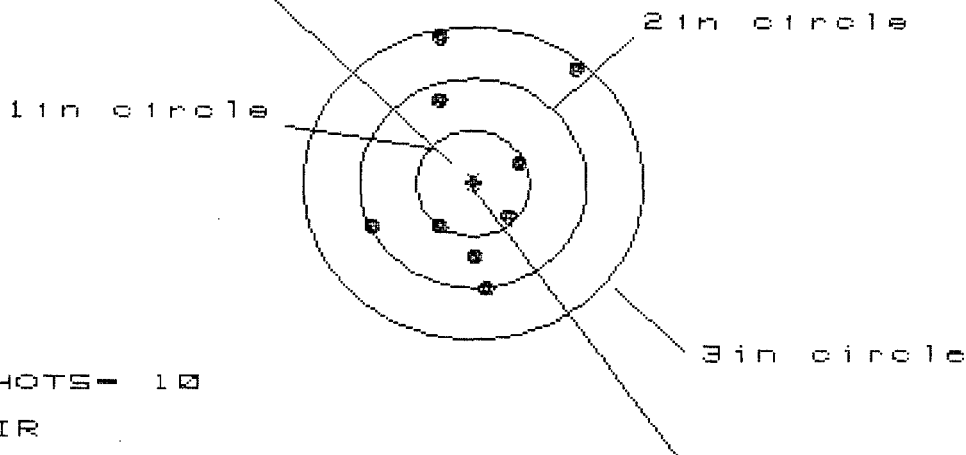
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.336	1.186	1.158
MINIMUM X	:	-1.348	-1.156	-1.184
MAXIMUM Y	:	1.526	1.395	.780
MINIMUM Y	:	-1.177	-1.121	-.947
CENTROID X	:	.081	.231	.259
CENTROID Y	:	.136	.267	.093
POA TO CENTROID in.	:	.158	.353	.275
MIN RADIUS	:	.351	.285	.447
MEAN RADIUS	:	1.071	.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

FILE:/PATTERNING/CENTERFIRE_PATT/C8523465

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in = 10

HS- 1.799

VS= 2.416

GS= 2.459

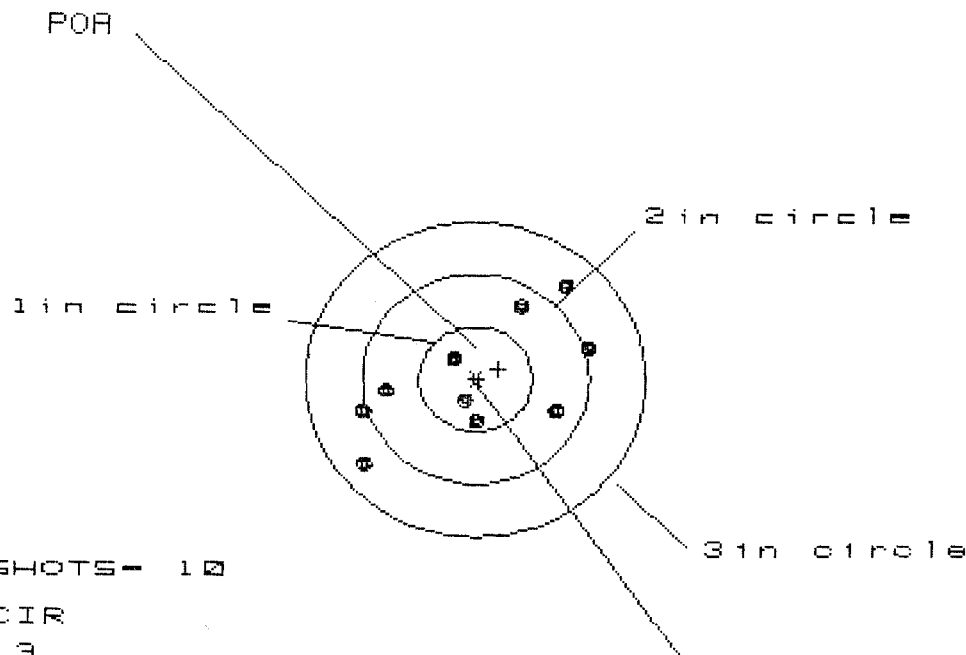
CENTROID #

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		

COMMENTS

B ORDER
94-18333

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

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE	
06/11/94	06/11/94		C6523465		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

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL

36201-5025

CUST NO: 098397 CJO.DL

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

PROM. DATE

ESTIMATED	
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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
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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
✓ Filing pin Assy	9.96
CTI	50.00
	\$704.38

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST.	TARGET	PATTERN
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GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
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OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400028608

SWS TRIGGER PULL TEST

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			

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	WB
	C) Function							
660	Pack							