

C6611750

MODEL 700™ M24

Model SWS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.



Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: RE00149413

Serial: C6611750 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/20/1991

Repairman:

Status: Closed 8/15/2008 6:04:32 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: FB4484 305 APS/TRTC

FB4484 305 APS/TRTC

Address 1: 1757 VANDENBERG AVE

1757 VANDENBERG AVE

Address 2: PO Box:

PO Box:

City: MCGUIRE AIR FORCE BASE

MCGUIRE AIR FORCE BASE

State: NJ

Zip Code: 08641

Country: US

State: NJ

Zip Code: 08641

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1
D000	FLASH SUPPRESSOR	1

Repair Search

Refresh

Close

nagletj

8/20/2008

2:29 PM

C4PS

NUM

INS

SCRL



Reset

Serial Number: C6611750

Model: M24 SWS



RE00149413

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

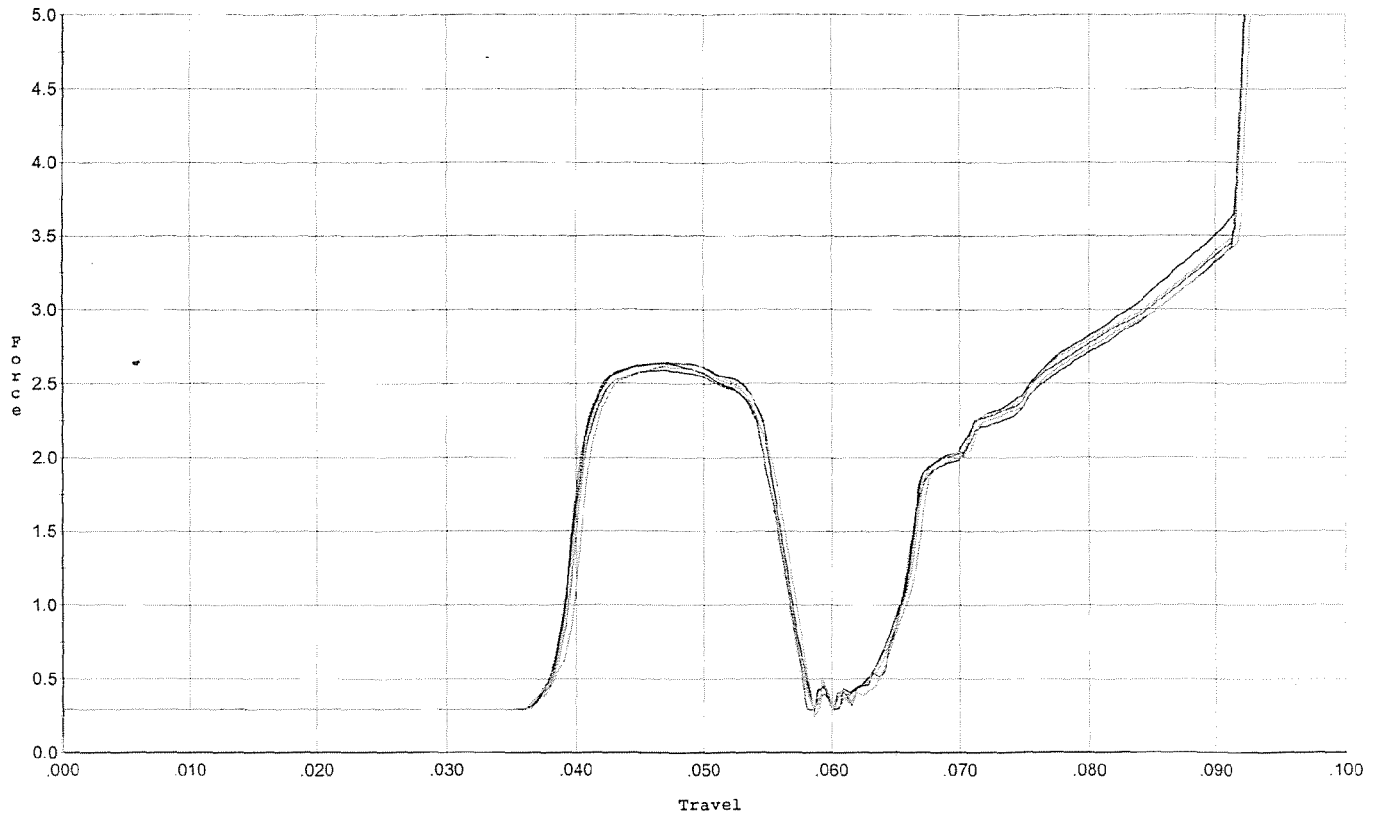
R & E NUMBER 149 413
SERIAL NUMBER C16611758
LOG-IN DATE 149413

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-27-08	RTZ
505	RE-BARREL	8-28-08	RTZ
560	ASSEMBLE	8-28-08	RTZ
600	PROOF	8-28-08	L.P.D.
605	CHECK HEADSPACE	8-28-08	L.P.D.
610	DIS-ASSEMBLE GUN	8-28-08	L.P.D.
612	MAGNAFLUX	9-1-08	BAH
510	DRILL AND TAP	8-29-08	SP
615	ROLLMARK CALIBER	8/3/08	RT
618	ROTO-BLAST	9/3/08	DC
620	APPLY COATINGS	9/8	---
625	FINAL ASSEMBLY	9-15-08	RTZ
640	FUNCTION TEST AND	10-20-08	L.P.D.
650	TARGET	10-20-08	L.P.D.
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-22-08	L.P.D.
	A) HEADSPACE	10-22-08	L.P.D.
	B) TRIGGER PULL	2.29 2.25 2.27 2.25 2.30 10-22-08	TL
680	F) SAFETY ON FORCE	8.0 8.0 7.5 10-22-08	L.P.D.
	G) SAFETY OFF FORCE	6.0 6.0 5.5 10-22-08	L.P.D.
	I) FIRING PIN INDENT	.021 .021 .021 10-22-08	L.P.D.
690	PACK	10/22/08	FM

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. ini. +/- .50 lbs.



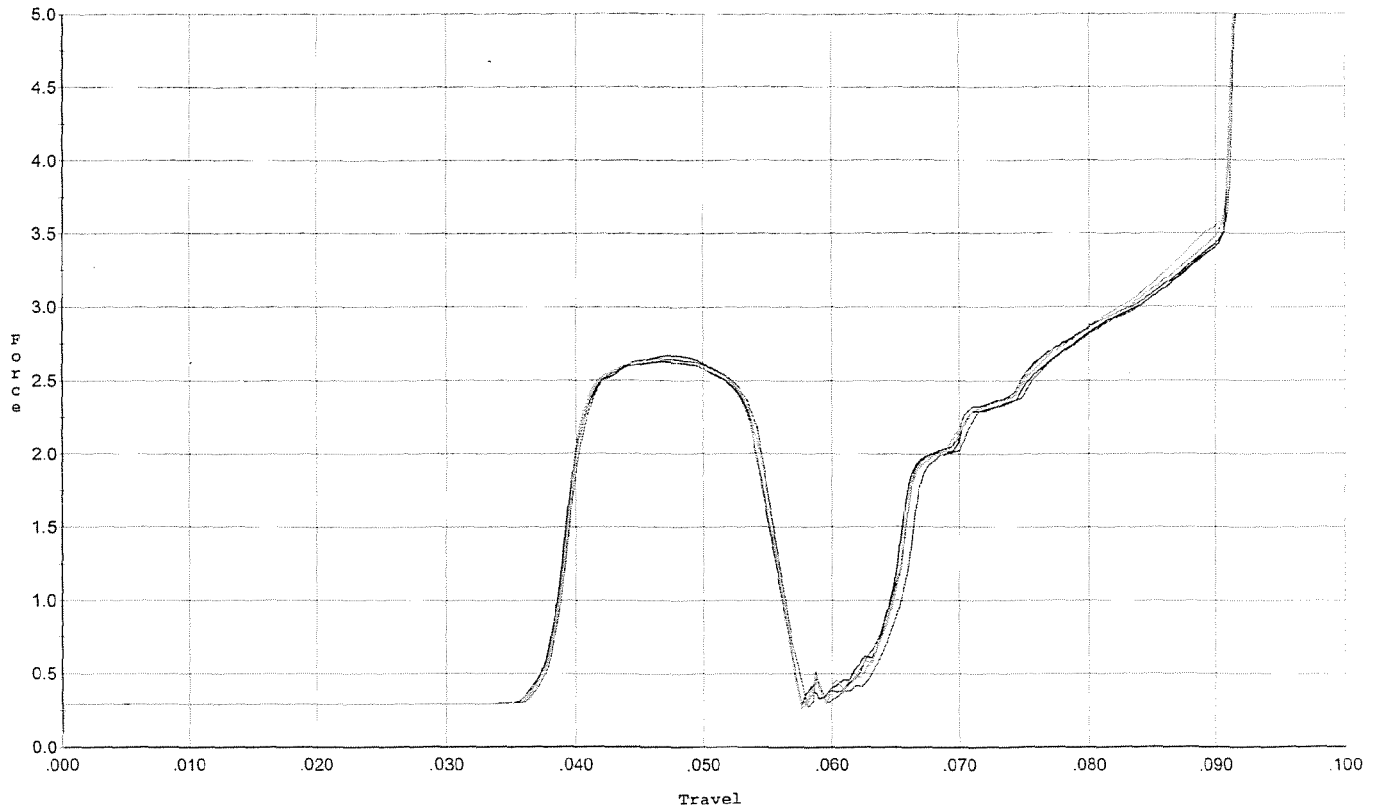
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.629	0.056	0.037	0.041	0.052		Set Trigger
2	2.636	0.055	0.037	0.041	0.051		Set Trigger
3	2.587	0.055	0.038	0.041	0.050		Set Trigger
4	2.610	0.055	0.038	0.041	0.050		Set Trigger
5	2.631	0.056	0.038	0.041	0.051		Set Trigger

Avg 2.61

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



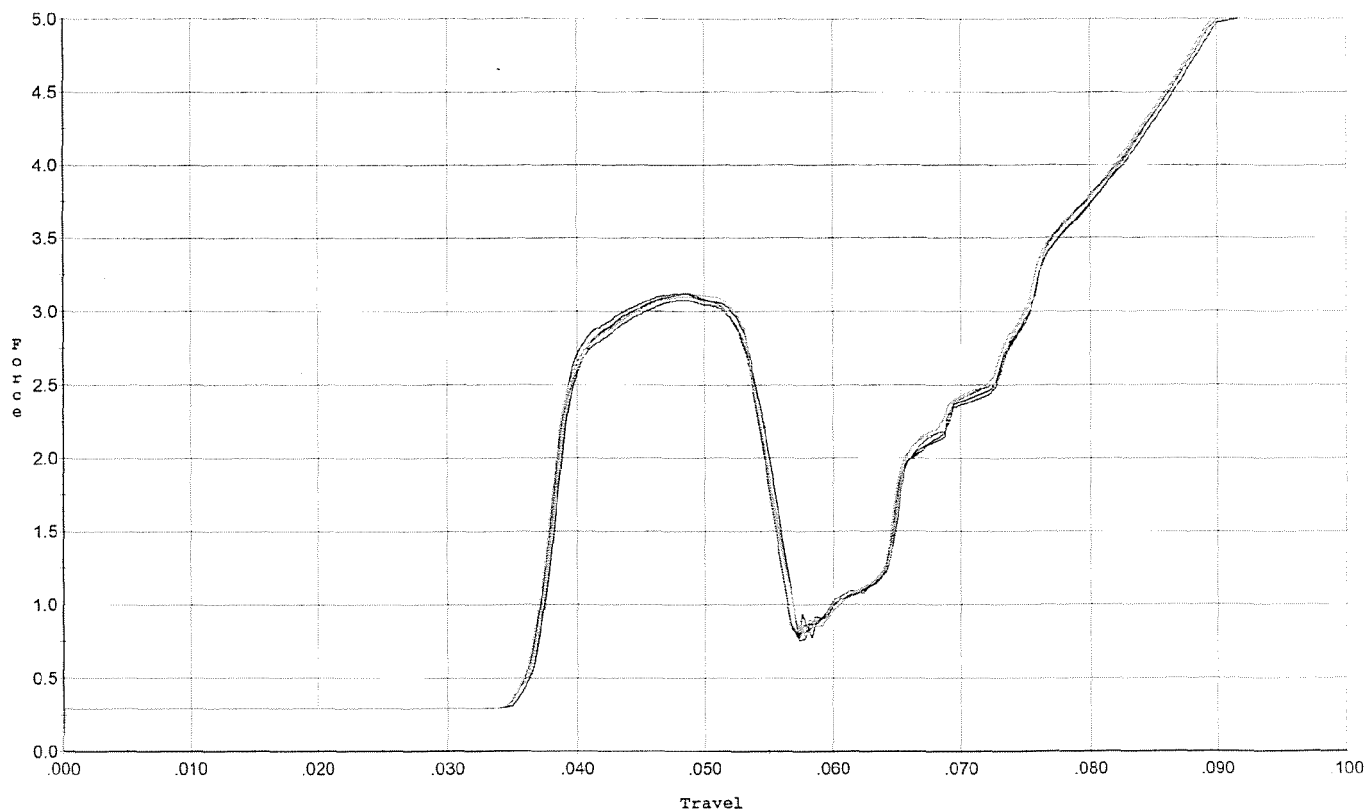
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.670	0.055	0.038	0.041	0.052		Set Trigger
2	2.628	0.054	0.037	0.041	0.050		Set Trigger
3	2.651	0.054	0.037	0.041	0.051		Set Trigger
4	2.645	0.054	0.037	0.041	0.051		Set Trigger
5	2.642	0.055	0.037	0.041	0.052		Set Trigger

Avg 2.64

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. ini. +/- .75 lbs.



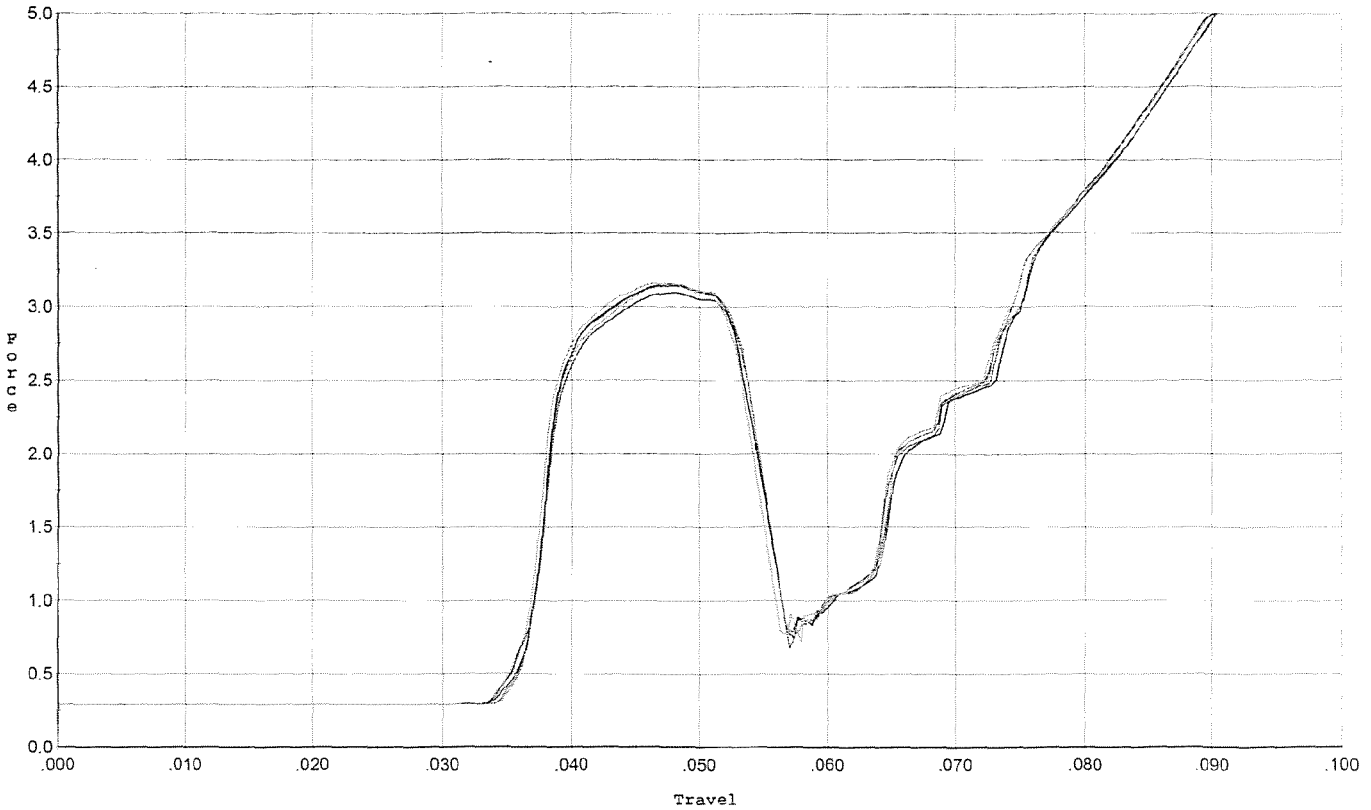
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.119	0.053	0.035	0.039	0.059		Set Trigger
2	3.119	0.055	0.036	0.039	0.060		Set Trigger
3	3.076	0.053	0.035	0.039	0.058		Set Trigger
4	3.099	0.053	0.036	0.039	0.058		Set Trigger
5	3.123	0.053	0.035	0.039	0.059		Set Trigger

Avg 3.10

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



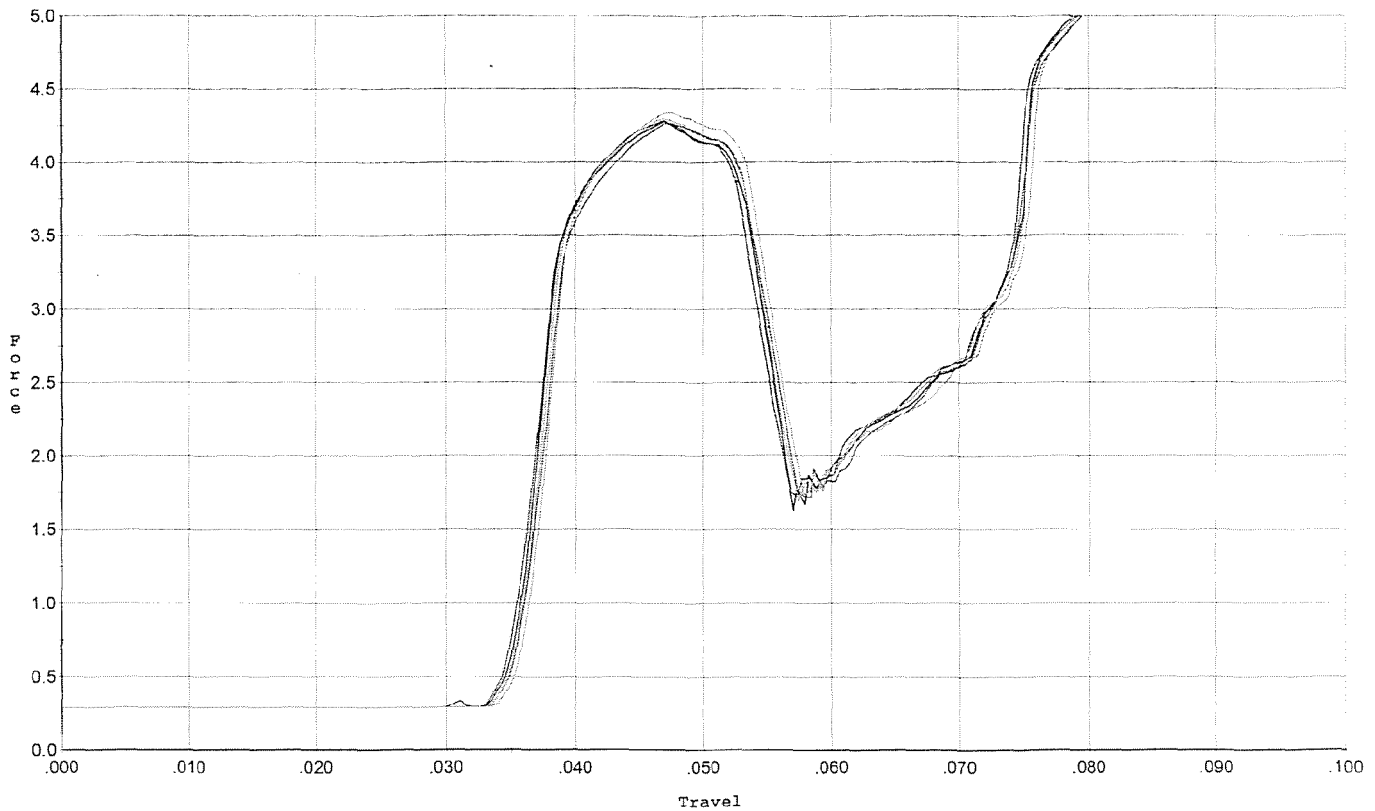
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.094	0.054	0.036	0.039	0.060		Set Trigger
2	3.139	0.054	0.036	0.039	0.060		Set Trigger
3	3.150	0.054	0.035	0.039	0.060		Set Trigger
4	3.158	0.053	0.035	0.039	0.059		Set Trigger
5	3.148	0.053	0.036	0.039	0.059		Set Trigger

Avg 3.13

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



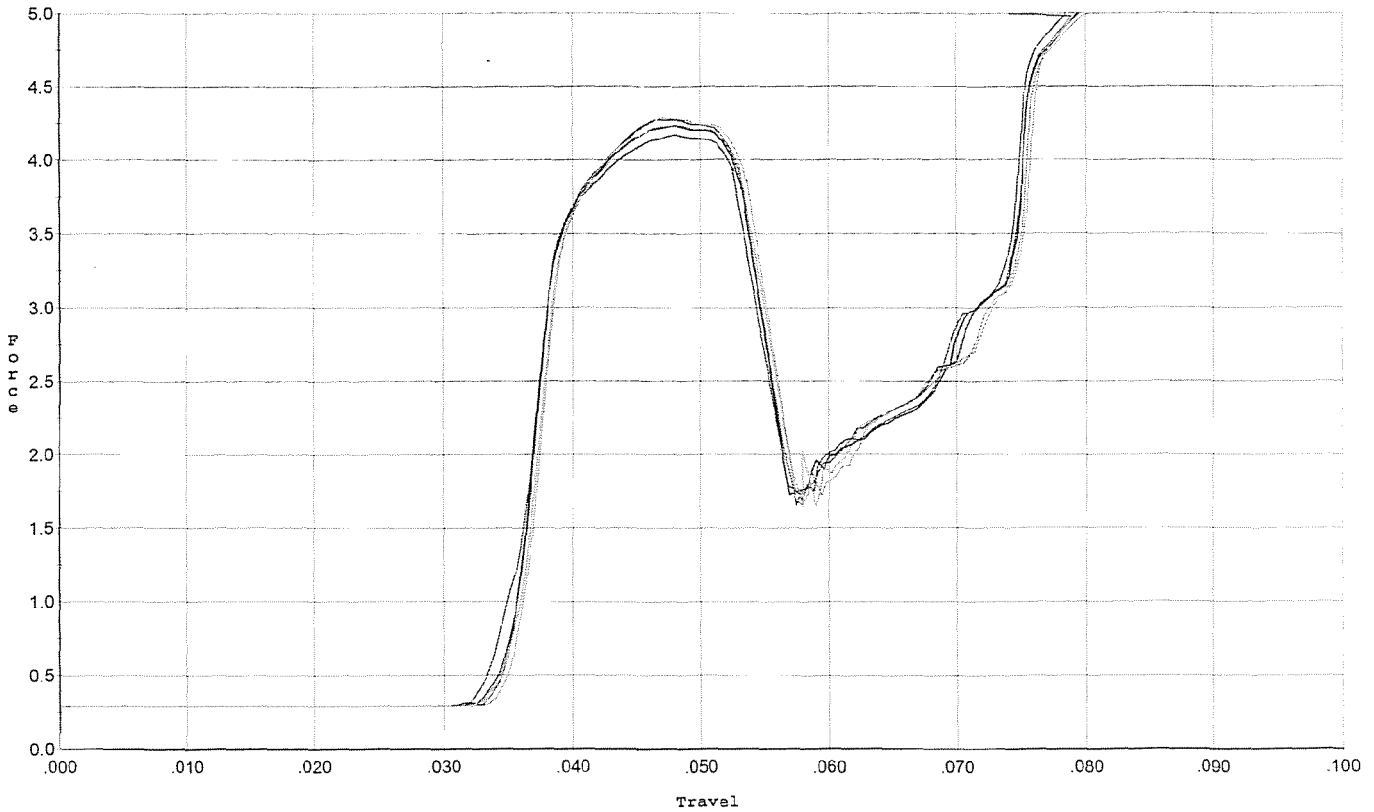
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.283	0.053	0.033	0.037	0.078		Set Trigger
2	4.277	0.053	0.034	0.037	0.080		Set Trigger
3	4.263	0.055	0.034	0.037	0.082		Set Trigger
4	4.297	0.053	0.034	0.037	0.079		Set Trigger
5	4.342	0.053	0.034	0.037	0.080		Set Trigger

4.29 Avg

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



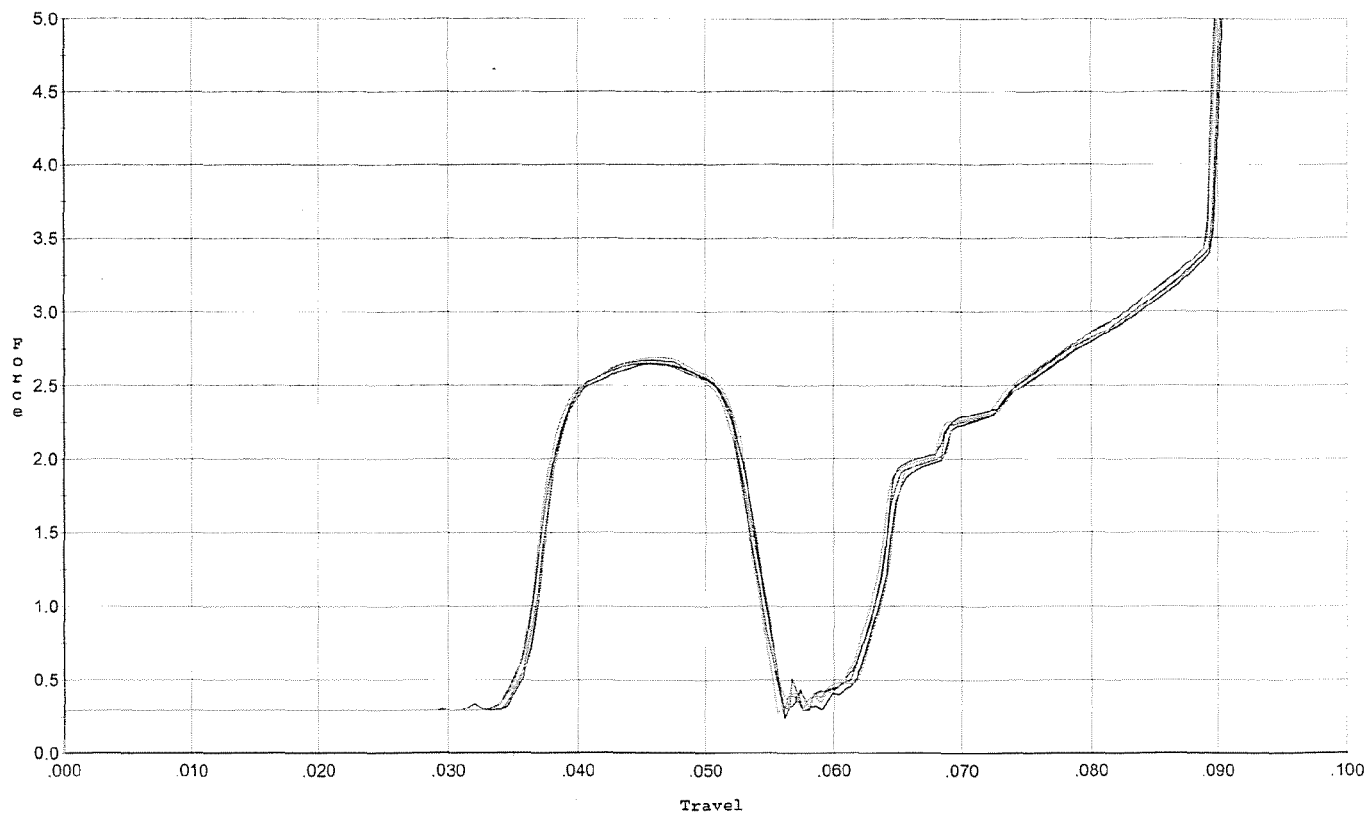
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.169	0.053	0.032	0.037	0.078		Set Trigger
2	4.231	0.053	0.034	0.037	0.080		Set Trigger
3	4.274	0.053	0.034	0.037	0.080		Set Trigger
4	4.234	0.055	0.035	0.037	0.082		Set Trigger
5	4.288	0.054	0.034	0.037	0.081		Set Trigger

AVG 4.23

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 8/14/08

Model: M/24
Serial No: Form #F005
Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.650	0.052	0.034	0.040	0.050		Set Trigger
2	2.647	0.053	0.035	0.040	0.051		Set Trigger
3	2.673	0.054	0.035	0.040	0.052		Set Trigger
4	2.688	0.053	0.036	0.040	0.051		Set Trigger
5	2.664	0.052	0.034	0.040	0.051		Set Trigger

Avg 2.66

Trigger Profile [lbs,inch]

Profile

GunType:

Make:

Note:

SWS

Rifle

Remington

R. Putch 8/14/08

Model:

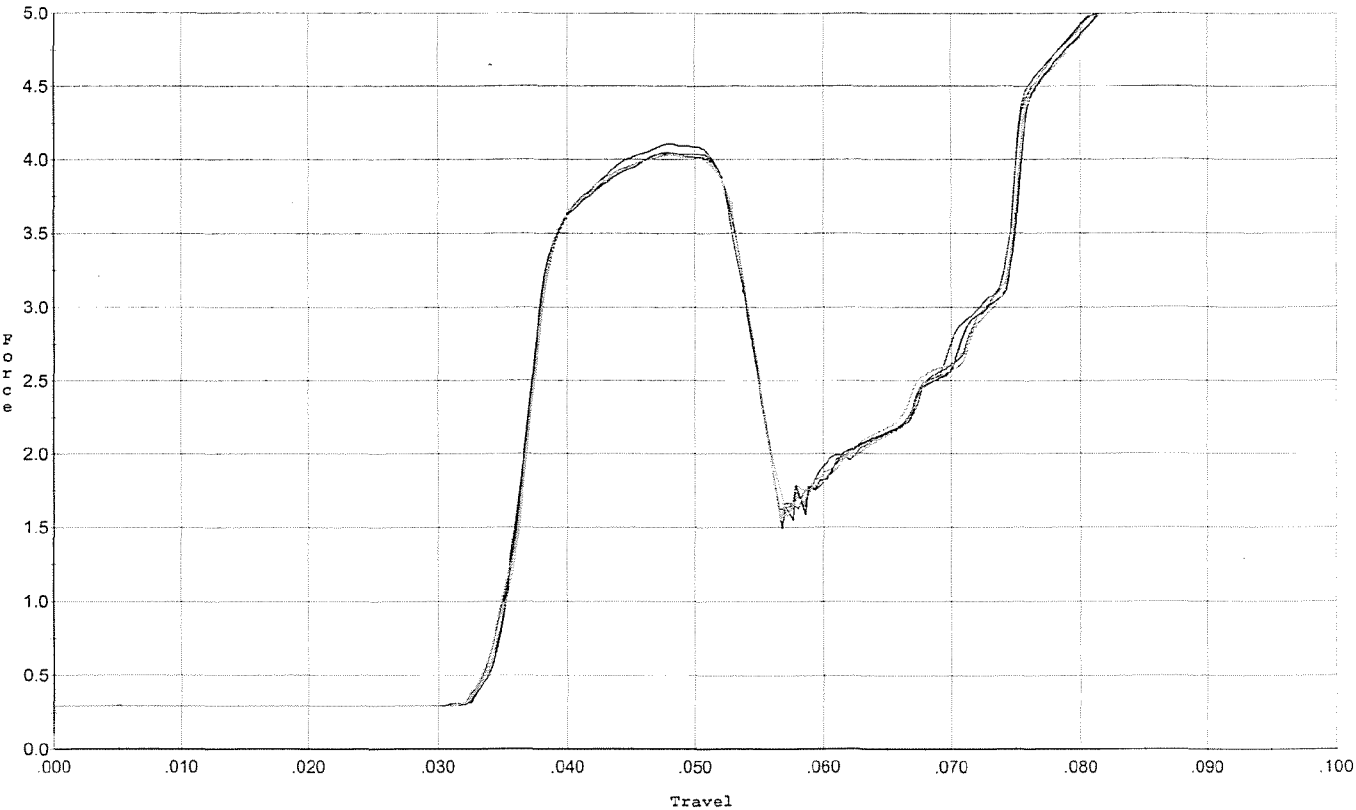
Serial No:

Trigger:

M/24

Form #F005

set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.104	0.054	0.033	0.037	0.079		Set Trigger
2	4.049	0.053	0.033	0.037	0.077		Set Trigger
3	4.045	0.053	0.033	0.037	0.077		Set Trigger
4	4.028	0.053	0.033	0.037	0.077		Set Trigger
5	4.035	0.053	0.032	0.037	0.077		Set Trigger

Avg 4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611750.__0

FILE DATE AND TIME: 10/21/2008 13:25

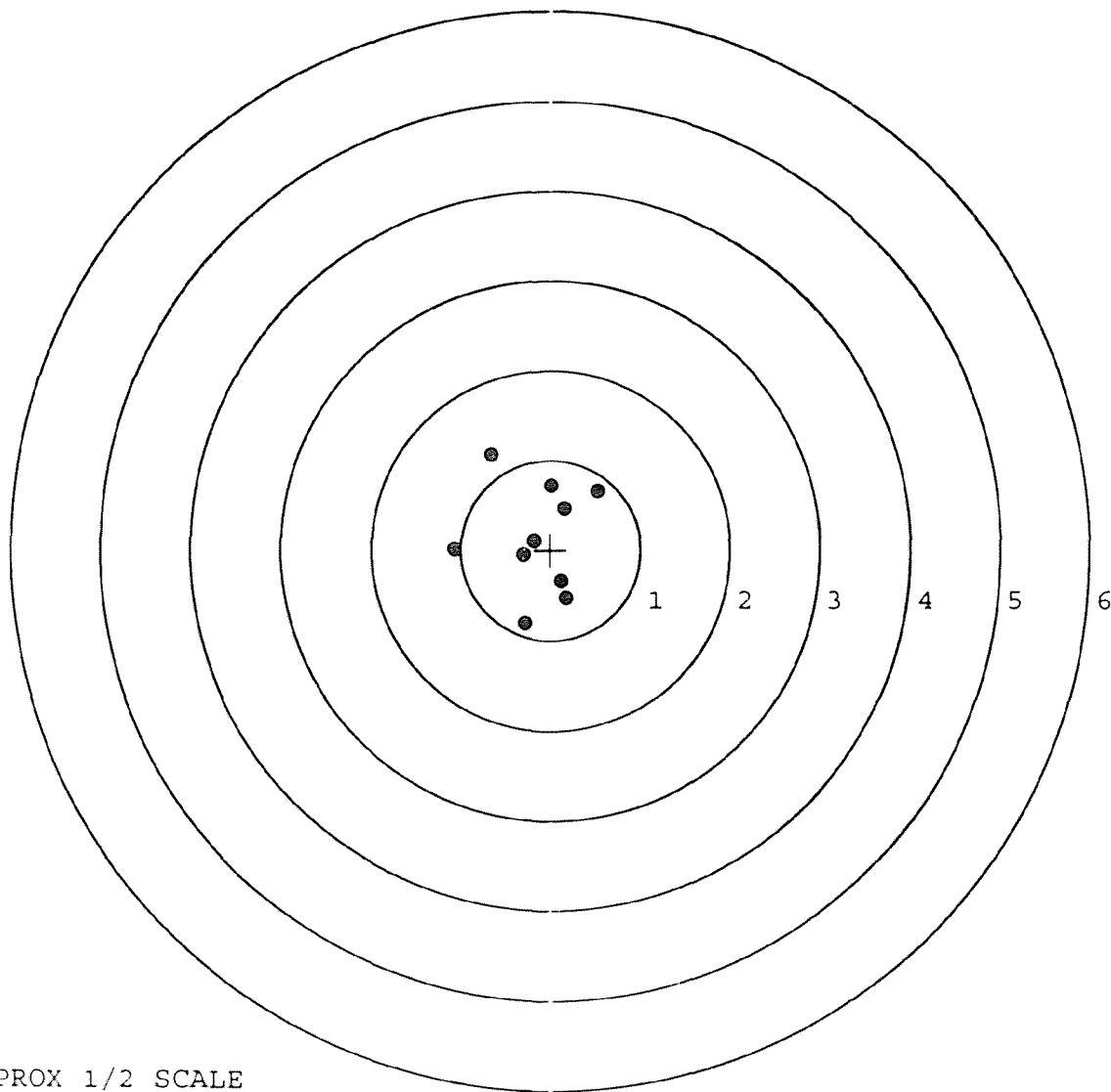
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.084
The Average Y Centroid of the Five Target Set:	0.024
The Average Point of Impact of the Five Target Set:	0.088
The Average Mean Radius of the Five Target Set:	0.648
The Distance from POA to Centroid Target #1:	0.196
The Distance from Centroid Target #2 to Centroid Target #1:	0.099
The Distance from Centroid Target #3 to Centroid Target #1:	0.240
The Distance from Centroid Target #4 to Centroid Target #1:	0.137
The Distance from Centroid Target #5 to Centroid Target #1:	0.163

SERIAL NUMBER: C6611750. __0
 TARGET NUMBER: 1
 FILE DATE: 10/21/2008
 FILE TIME: 13:25

POINT#	X	Y
1:	-0.665	1.055
2:	-1.071	0.005
3:	-0.290	-0.817
4:	0.009	0.714
5:	0.521	0.654
6:	0.160	0.464
7:	0.175	-0.535
8:	0.125	-0.347
9:	-0.301	-0.065
10:	-0.183	0.105

X CENTROID: -0.152
 Y CENTROID: 0.123
 POA TO CENTROID: 0.196
 HORZ SPREAD: 1.592
 VERT SPREAD: 1.872
 GROUP SPREAD: 1.909
 MIN RADIUS: 0.036
 MAX RADIUS: 1.064
 MEAN RADIUS: 0.643
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



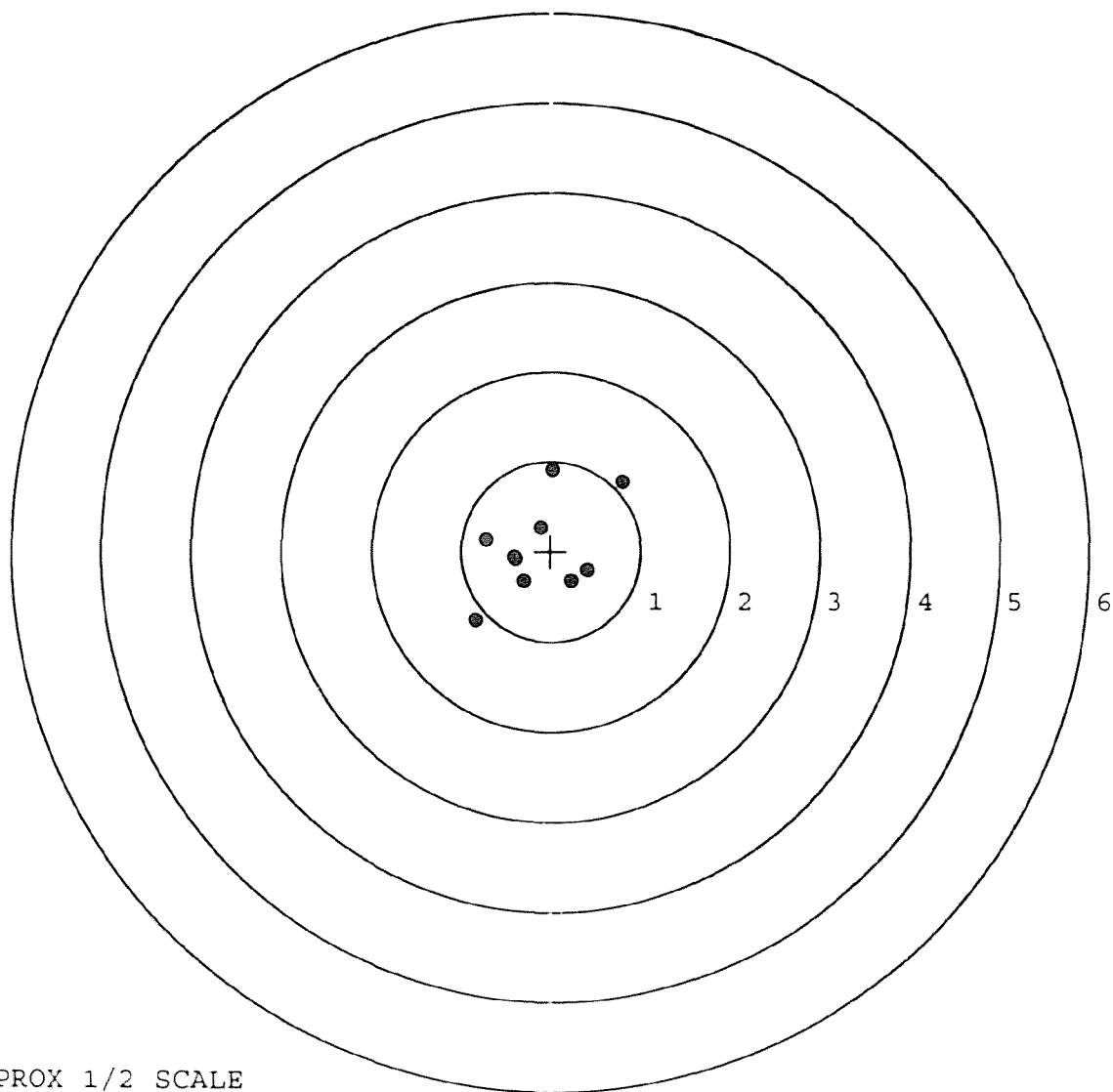
TARGET APPROX 1/2 SCALE

BARBER - M24 0035325

SERIAL NUMBER: C6611750. __0
 TARGET NUMBER: 2
 FILE DATE: 10/21/2008
 FILE TIME: 13:25

POINT#	X	Y
1:	0.798	0.777
2:	0.021	0.901
3:	-0.845	-0.768
4:	-0.728	0.127
5:	-0.115	0.263
6:	0.407	-0.212
7:	0.230	-0.329
8:	-0.301	-0.338
9:	-0.394	-0.091
10:	-0.407	-0.071

X CENTROID: -0.133
 Y CENTROID: 0.026
 POA TO CENTROID: 0.136
 HORZ SPREAD: 1.643
 VERT SPREAD: 1.669
 GROUP SPREAD: 2.255
 MIN RADIUS: 0.238
 MAX RADIUS: 1.197
 MEAN RADIUS: 0.607
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



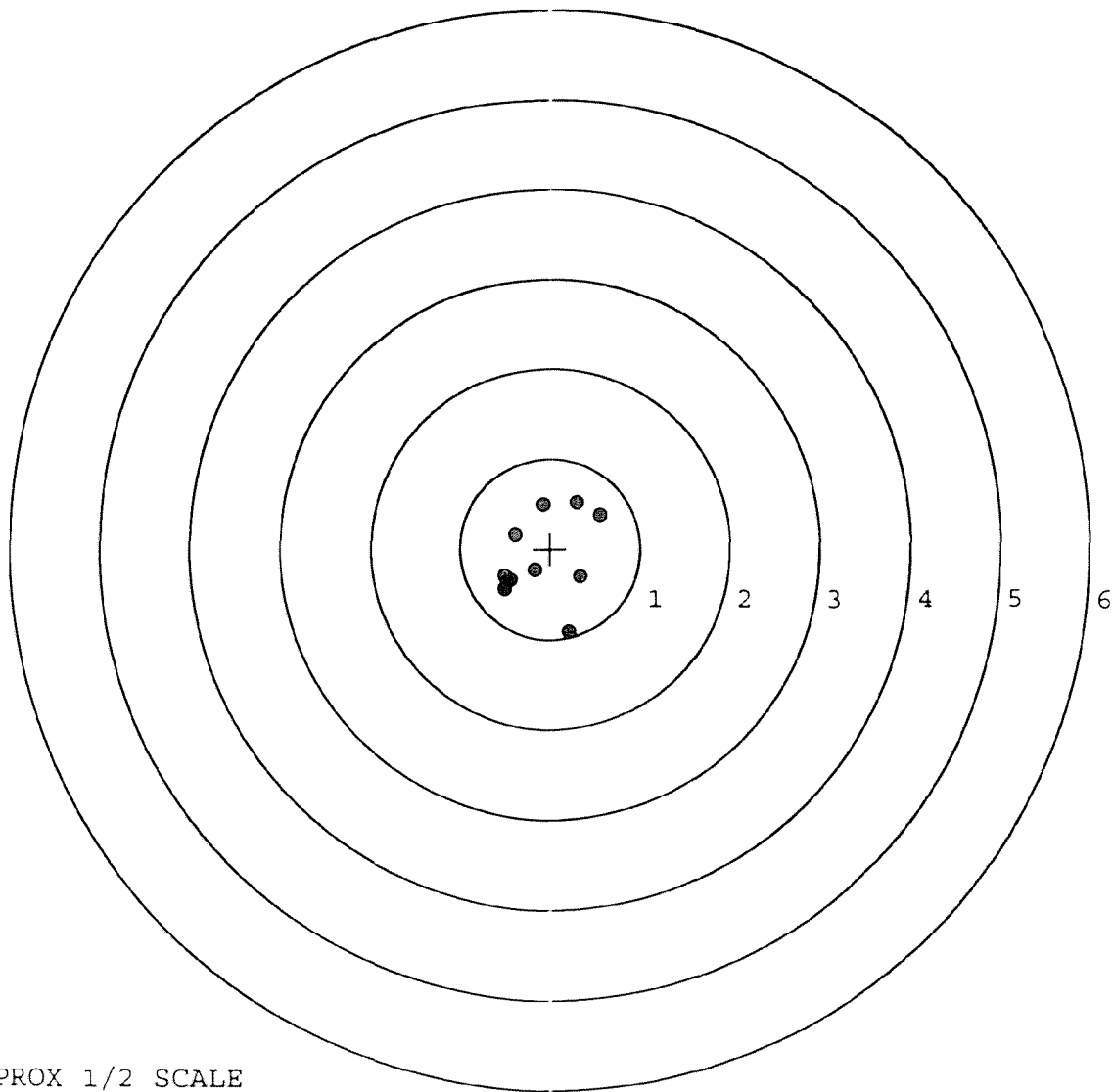
TARGET APPROX 1/2 SCALE

BARBER - M24 0035326

SERIAL NUMBER: C6611750. 0
 TARGET NUMBER: 3
 FILE DATE: 10/21/2008
 FILE TIME: 13:25

POINT#	X	Y
1:	0.208	-0.921
2:	0.547	0.371
3:	0.299	0.513
4:	-0.081	0.492
5:	-0.399	0.154
6:	-0.511	-0.302
7:	-0.511	-0.451
8:	-0.443	-0.345
9:	-0.171	-0.236
10:	0.336	-0.311

X CENTROID: -0.073
 Y CENTROID: -0.104
 POA TO CENTROID: 0.127
 HORZ SPREAD: 1.058
 VERT SPREAD: 1.434
 GROUP SPREAD: 1.442
 MIN RADIUS: 0.165
 MAX RADIUS: 0.864
 MEAN RADIUS: 0.548
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

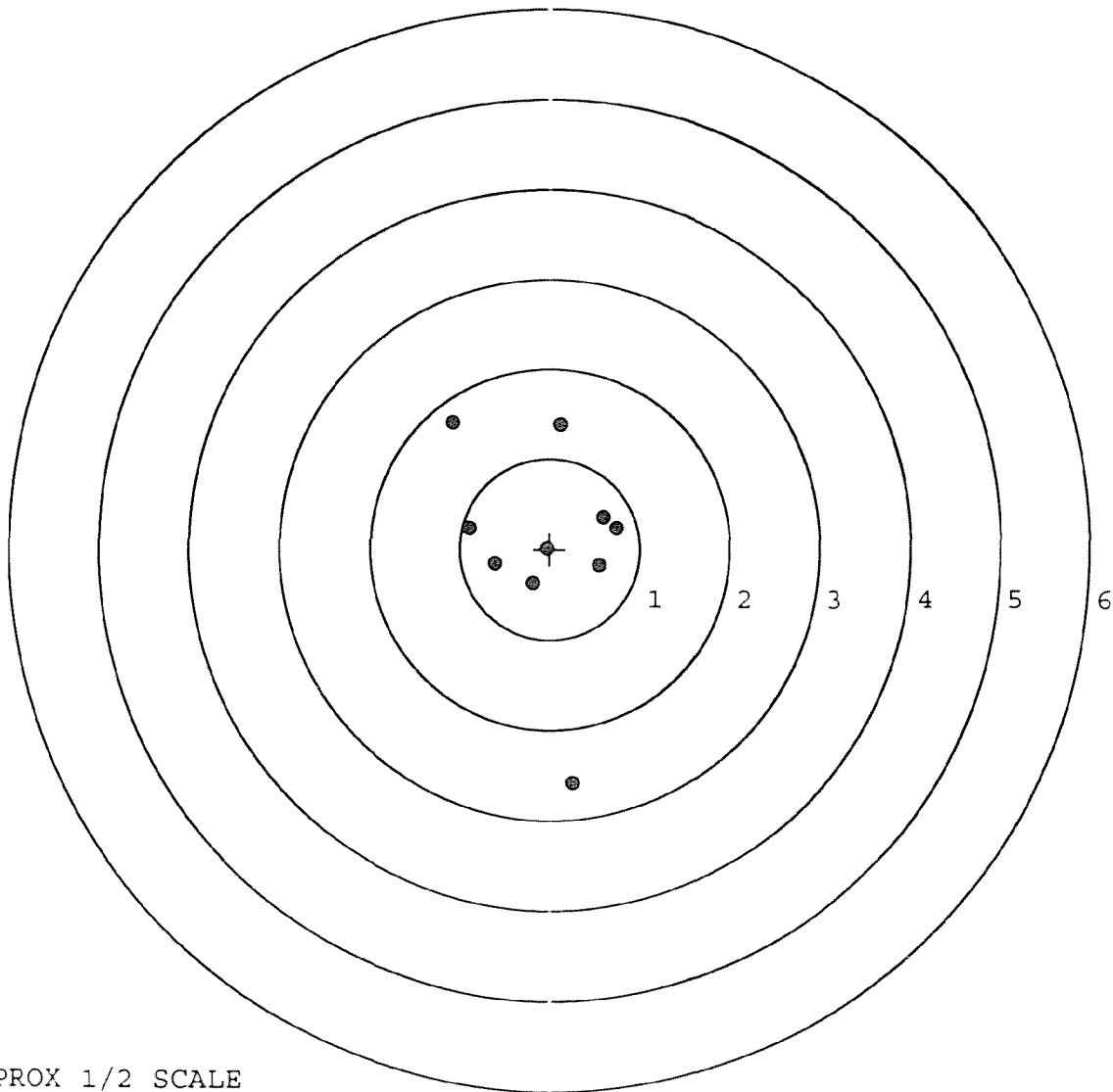


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611750. 0
 TARGET NUMBER: 4
 FILE DATE: 10/21/2008
 FILE TIME: 13:25

POINT#	X	Y
1:	0.256	-2.595
2:	0.126	1.379
3:	-1.085	1.396
4:	-0.891	0.227
5:	-0.612	-0.165
6:	-0.188	-0.384
7:	0.740	0.233
8:	0.588	0.347
9:	0.548	-0.183
10:	-0.032	0.012

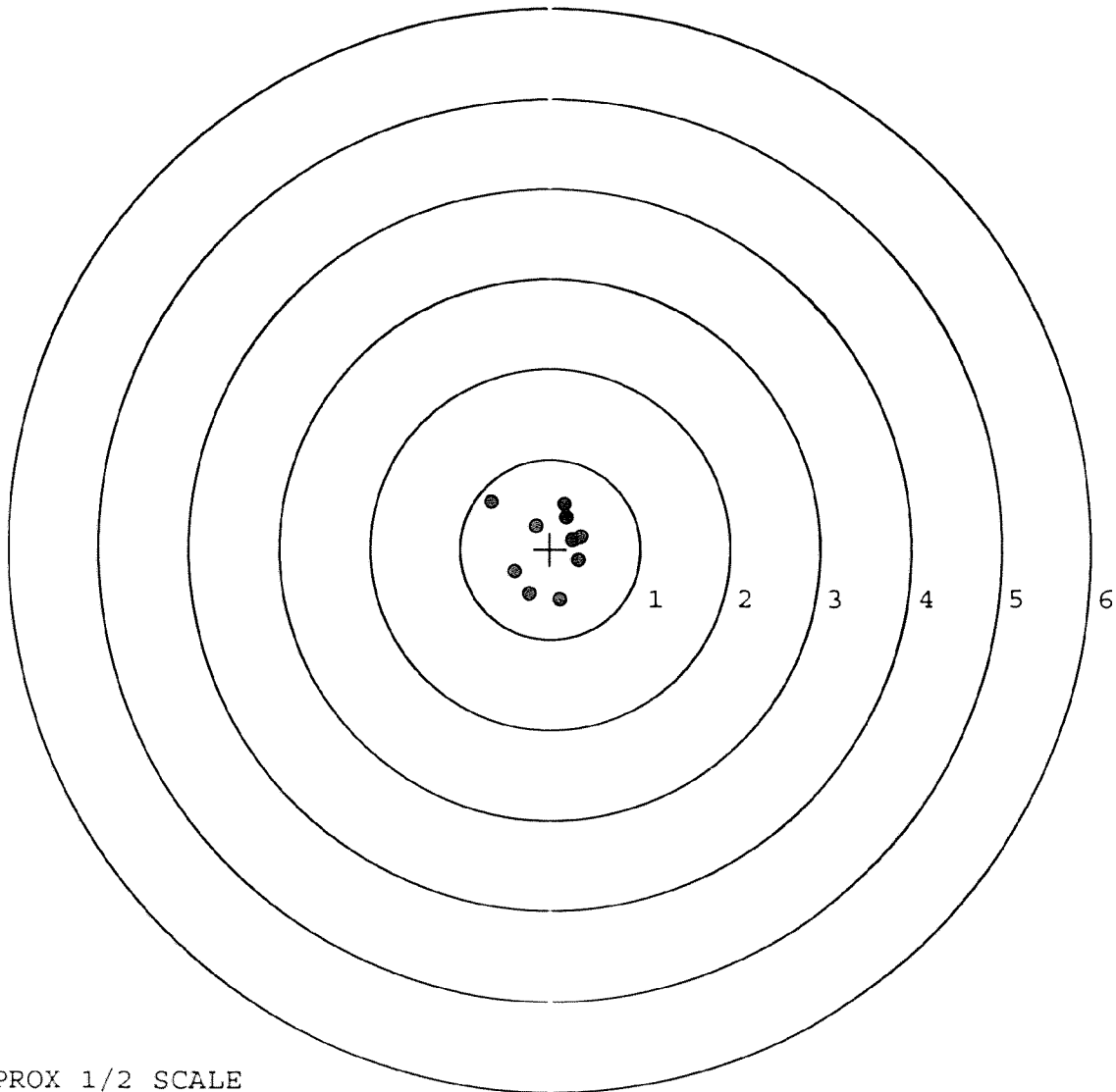
X CENTROID: -0.055
 Y CENTROID: 0.027
 POA TO CENTROID: 0.061
 HORZ SPREAD: 1.825
 VERT SPREAD: 3.991
 GROUP SPREAD: 4.210
 MIN RADIUS: 0.027
 MAX RADIUS: 2.640
 MEAN RADIUS: 0.980
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0035328

SERIAL NUMBER: C6611750. 0	POINT#	X	Y
TARGET NUMBER: 5	1:	-0.655	0.531
FILE DATE: 10/21/2008	2:	-0.398	-0.249
FILE TIME: 13:25	3:	-0.240	-0.494
	4:	0.111	-0.562
X CENTROID: -0.008	5:	0.317	-0.121
Y CENTROID: 0.047	6:	0.344	0.140
POA TO CENTROID: 0.048	7:	0.249	0.106
HORZ SPREAD: 0.999	8:	0.181	0.357
VERT SPREAD: 1.093	9:	0.163	0.506
GROUP SPREAD: 1.335	10:	-0.155	0.259
MIN RADIUS: 0.258			
MAX RADIUS: 0.808			
MEAN RADIUS: 0.461			
# IN 1 IN DIAMETER: 7			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

RE00031017

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6611750
28 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3046
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .302
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .428935

THE AMR FOR THIS RIFLE IS: 1.136

CENTROIDAL DISTANCES

0 TO 1	.178194
1 TO 2	.382562
1 TO 3	.475178
1 TO 4	.592109
1 TO 5	.784297

5
4
3² 1
+ <----POA

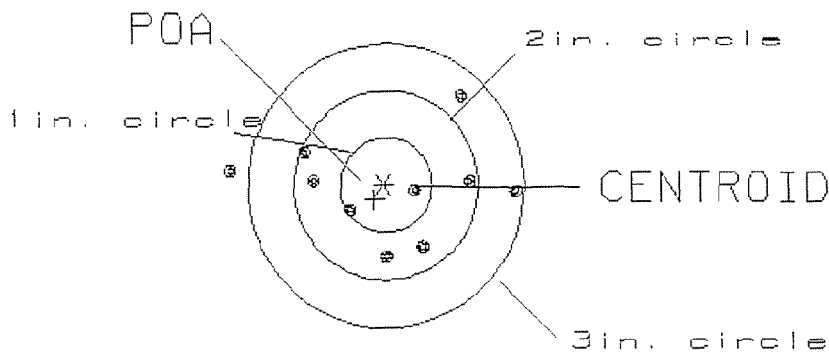
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .178
 MIN RADIUS : .348
 MEAN RADIUS : .930
 MAX RADIUS : 1.713
 CENTROID X : .093
 CENTROID Y : .152

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611750

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.07
 VS= 1.64
 GS= 3.08

2
 7
 9

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .358

MIN RADIUS : .437

MEAN RADIUS : .933

MAX RADIUS : 2.165

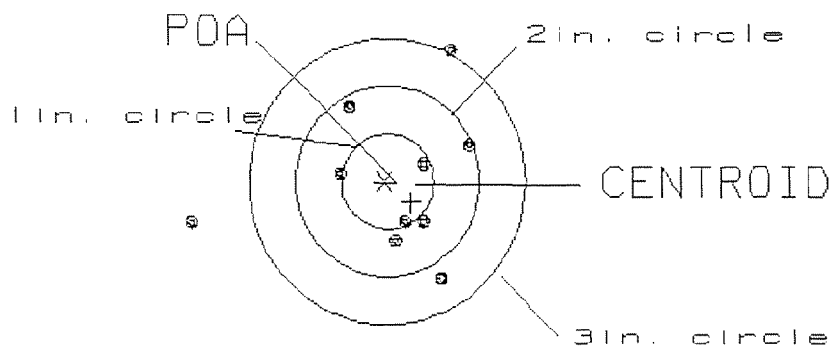
CENTROID X : -.284

CENTROID Y : .217

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611750

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.04

2

VS= 2.38

7

GS= 3.31

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

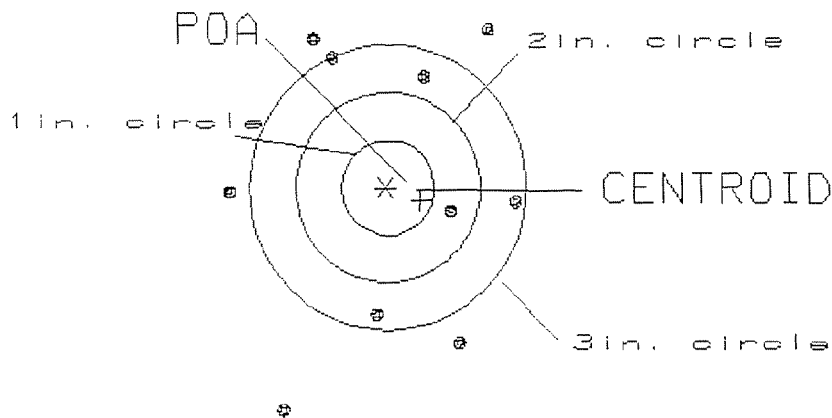
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .407
 MIN RADIUS : .773
 MEAN RADIUS : 1.611
 MAX RADIUS : 2.620
 CENTROID X : -.382
 CENTROID Y : .139

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611750

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.12
 VS= 4.00
 GS= 4.60

0
 1
 5

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .568

MIN RADIUS : .279

MEAN RADIUS : .987

MAX RADIUS : 1.810

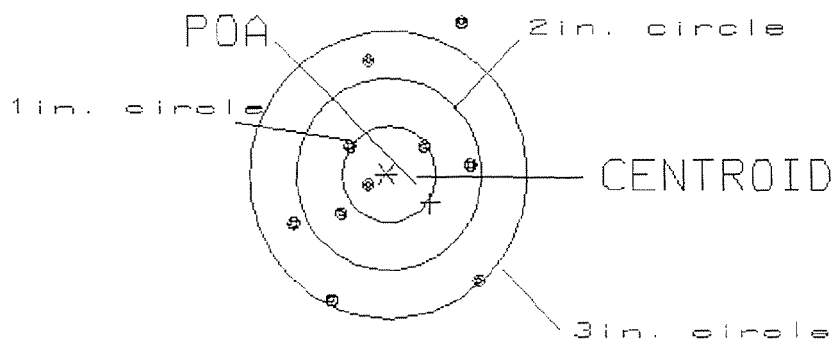
CENTROID X : -.479

CENTROID Y : .305

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611750

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.92

2

VS= 2.97

5

GS= 3.29

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .842

MIN RADIUS : .241

MEAN RADIUS : 1.218

MAX RADIUS : 1.756

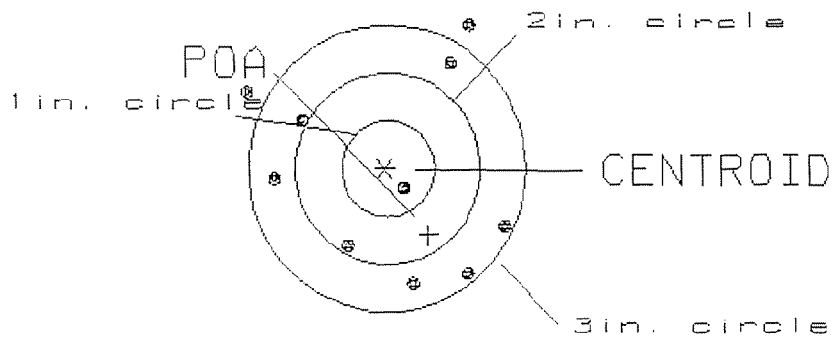
CENTROID X : -.471

CENTROID Y : .697

28 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611750

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.84

1

VS= 2.71

2

GS= 3.15

8

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER ~~31017~~ 31017

SERIAL NUMBER 0661750

LOG-IN DATE 8/20/01

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8/21/01	AK
560 A	RE-BARREL AT CUSTOM SHOP	8/21/01	BWT
B	DRILL AND TAP	8/21/01	BWT
C	POLISH	8/22/01	GD
575	ASSEMBLE	8-22-01	AK
600	PROOF	8-22-01	RW
605	CHECK HEADSPACE	8-22-01	RW
610	DIS-ASSEMBLE GUN	8-22-01	RW
612	MAGNAFLUX	8-23-01	AK
615	ROLLMARK CALIBER	8-23-01	RW
618	ROTO-BLAST	8/23	AK
620	APPLY COATINGS	8-24-01	TA
625 A	FINAL ASSEMBLY	8-27-01	AK
B	TRIGGER PULL TEST	8-27-01	N/A
C	SAFETY "ON" FORCE	8-27-01	N/A
D	SAFETY "OFF" FORCE	8-27-01	N/A
E	FIRING PIN INDENT	8-27-01	N/A
640	TARGET	8/28/01	AK
655	FINAL INSPECT	8-28-01	AK
660	PACK	8-30-01	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

ID: C6611750

DATE REC'D: 8-20-01

DATE RET'D: 9-6-01

EDITOR: *PH*

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT Sight Block
- ☒ REAR Sight Block
- ☐ SCREWS
- ☐ FINISH

Scope Assy.

- ☒ Scope
- ☐ Scope Rings
- ☒ Mounting Screws
- ☒ Mounting Base
- ☐ SCREWS
- ☒ FINISH
- ☒ Looseness
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ STOCK
- ☒ Sling Swivel Studs
- ☒ ADJUSTABLE Butt PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☐ Scope Case
- ☐ IRON SIGHTS
- ☒ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET
- ☐

Comments: _____

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611750

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10 91		RW
600	Proof	1 10 91		RW
607	Check Headspace	1 10 91		RW
610	Dis-assemble Gun	1 10 91		RW
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LG
617	Drill and Tap Sight Holes	1 17 91		FB
618	Polish Barrel	1 17 91		WB
620	Apply Coatings (Barrel Action)		2-12-91	TA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3-6-91	SL

op. #	BARBER - M24 0035339 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			3/6/91	W/B
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			3/6/91	W/B
	H) Trigger Pull Test & Retainability						3-6-91	W/B
	I) Firing Pin Indent	.021	.0215	.0215			3/6/91	W/B
	J) Assemble Stock						3/7/91	RW
	K) Assemble Swivel Studs						3-7-91	D/H
	L) Attach Front and Rear Sight Assemblies						3/7/91	RW
	M) Iron Sight Alignment						3/7/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/7/91	RW
	O) Attach Scope to Rifle						3/7/91	RW
	P) Detach & Attach Scope 20 Times						3/7/91	RW
640	Gallery Target & Test						3-8-91	AC
	A) Time						3-8-91	AC
	B) Malfunctions						3-8-91	AC
	C) Pierced Primers						3-8-91	AC
	D) Optical Clarity of Scope						3-8-91	AC
645	Inspect for Live Ammo						3-8-91	AC
655	Final Inspection							
	A) Headspace						3-11-91	D/H
	B) Trigger Pull	2.33	2.24	2.32	2.31	2.32	3/11/91	W/B
	C) Function						3-11-91	D/H
660	Pack						3-20-91	D/H

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06611750DATE 3-6-91TESTER JR

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.44	2.20	2.33	MIN. SETTING,
PULL #2	2.22	2.24	2.23	2.24	NO AVG. OF 5
PULL #3	2.22	2.24	2.33	2.32	READINGS ACCEPT-
PULL #4	2.23	2.25	2.25	2.31	ABLE LESS THAN 2#
PULL #5	2.21	2.22	2.25	2.32	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.33		
PULL #2	3.34	3.33		
PULL #3	3.32	3.30		
PULL #4	3.25	3.31		
PULL #5	3.34	3.28		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.14	4.28		4.34
PULL #2	4.34	4.31		4.36
PULL #3	4.32	4.37		4.40
PULL #4	4.35	4.34		4.38
PULL #5	4.30	4.35		4.41
TOTAL				
AVG.				

Remington[®]

MODEL 700[™] M24

MADE IN U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

UPPONT
REG. U.S. PAT. & T.M. OFF.

SERIAL NO.
C6611750

ORDER NO.
5716

UPC

0 47700 25716 7

5716 C6611750

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611750
8 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.455862
1 TO	2	.157305
1 TO	3	.242128
1 TO	4	.235287
1 TO	5	.350852

←----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2268
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1264
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .259644
THE AMR FOR THIS RIFLE IS: .8278

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611750

CENTERFIRE PATTERNS # 1

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in - 3

2 in - 7

3 in - 10

HS - 2.336

VS - 1.789

GS - 2.342

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.243	1.166	.612
MINIMUM X	:	-1.093	-1.170	-1.025
MAXIMUM Y	:	1.129	.878	.893
MINIMUM Y	:	-.660	-.535	-.520
CENTROID X	:	.393	.470	.325
CENTROID Y	:	-.231	-.356	-.371
POR TO CENTROID in.	:	.455	.590	.493
MIN RADIUS	:	.460	.344	.345
MEAN RADIUS	:	.795	.713	.648
MAX RADIUS	:	1.328	1.172	1.025
HORIZONTAL SPREAD	:	2.336	2.336	1.637
VERTICAL SPREAD	:	1.789	1.413	1.413
EXTREME SPREAD	:	2.342	2.342	1.698
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611750

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HM = 1.872

VS = 2.643

GS = 2.818

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.899	.790	.777
MINIMUM X	-.974	-.475	-.488
MAXIMUM Y	1.287	1.136	.756
MINIMUM Y	-1.356	-1.033	-.891
CENTROID X	.246	.355	.368
CENTROID Y	-.175	-.024	-.166
POA TO CENTROID in.	.302	.355	.403
MIN RADIUS	.120	.189	.047
MEAN RADIUS	.855	.744	.683
MAX RADIUS	1.669	1.300	1.182
HORIZONTAL SPREAD	1.872	1.265	1.265
VERTICAL SPREAD	2.643	2.169	1.647
EXTREME SPREAD	2.818	2.346	2.077
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		9	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611750

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

+ OF SHOTS- 10

IN CIR

1 in = 1

2 in = 8

3 in = 10

HS= 1.912

VS= 1.631

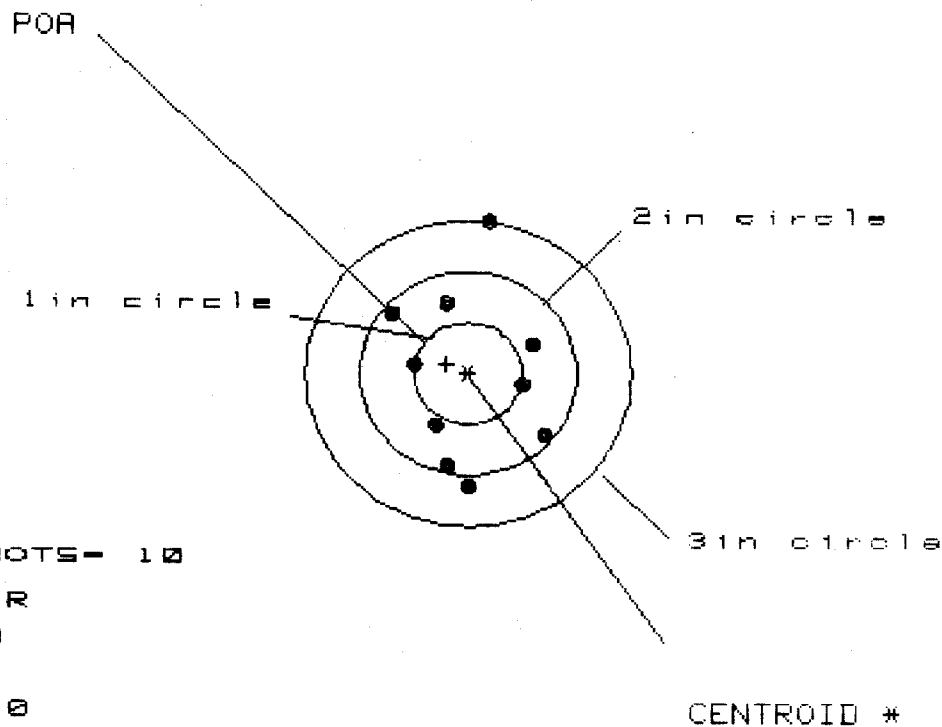
GS= 2.046

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.878	.763	.852
MINIMUM X	-1.034	-.640	-.551
MAXIMUM Y	.645	.705	.784
MINIMUM Y	-.986	-.926	-.838
CENTROID X	.192	.307	.218
CENTROID Y	-.096	-.156	-.244
POA TO CENTROID in.	.214	.344	.327
MIN RADIUS	.445	.421	.447
MEAN RADIUS	.757	.708	.657
MAX RADIUS	1.167	.998	.853
HORIZONTAL SPREAD	1.912	1.403	1.403
VERTICAL SPREAD	1.631	1.631	1.622
EXTREME SPREAD	2.046	1.781	1.624
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

8 Mar 1931

FILE:/PATTERNING/CENTERFIRE_PATT/C6611750

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 8

3 in = 10

HS= 1.327

VS= 2.572

GS= 2.581

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.661	.684	.685
MINIMUM X	:	-.666	-.643	-.642
MAXIMUM Y	:	1.456	.890	.771
MINIMUM Y	:	-1.116	-.954	-.820
CENTROID X	:	.201	.178	.177
CENTROID Y	:	-.095	-.257	-.138
POA TO CENTROID in.	:	.222	.313	.224
MIN RADIUS	:	.502	.431	.490
MEAN RADIUS	:	.831	.743	.713
MAX RADIUS	:	1.471	1.009	.920
HORIZONTAL SPREAD	:	1.327	1.327	1.327
VERTICAL SPREAD	:	2.572	1.844	1.591
EXTREME SPREAD	:	2.581	1.858	1.824
NUMBER IN ONE INCH CIRCLE =	:	0		
NUMBER IN TWO INCH CIRCLE =	:	8		
NUMBER IN THREE INCH CIRCLE =	:	10		

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611750

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

CENTROID *

HS= 2.333

VS= 2.290

GS= 3.035

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.851	.687	.649
MINIMUM X	:	-1.482	-.913	-.828
MAXIMUM Y	:	1.130	1.241	.483
MINIMUM Y	:	-1.160	-1.049	-.894
CENTROID X	:	.102	.266	.180
CENTROID Y	:	-.035	-.147	-.302
POA TO CENTROID in.	:	.108	.304	.352
MIN RADIUS	:	.339	.261	.144
MEAN RADIUS	:	.901	.774	.686
MAX RADIUS	:	1.788	1.418	1.060
HORIZONTAL SPREAD	:	2.333	1.600	1.477
VERTICAL SPREAD	:	2.290	2.290	1.377
EXTREME SPREAD	:	3.035	2.299	1.899
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	9		