

G6863591

Replaces

E6703422

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER <u>173921</u>		C6863591	
SERIAL NUMBER <u>26703422</u>			
LOG-IN DATE <u>8-27-09</u>			

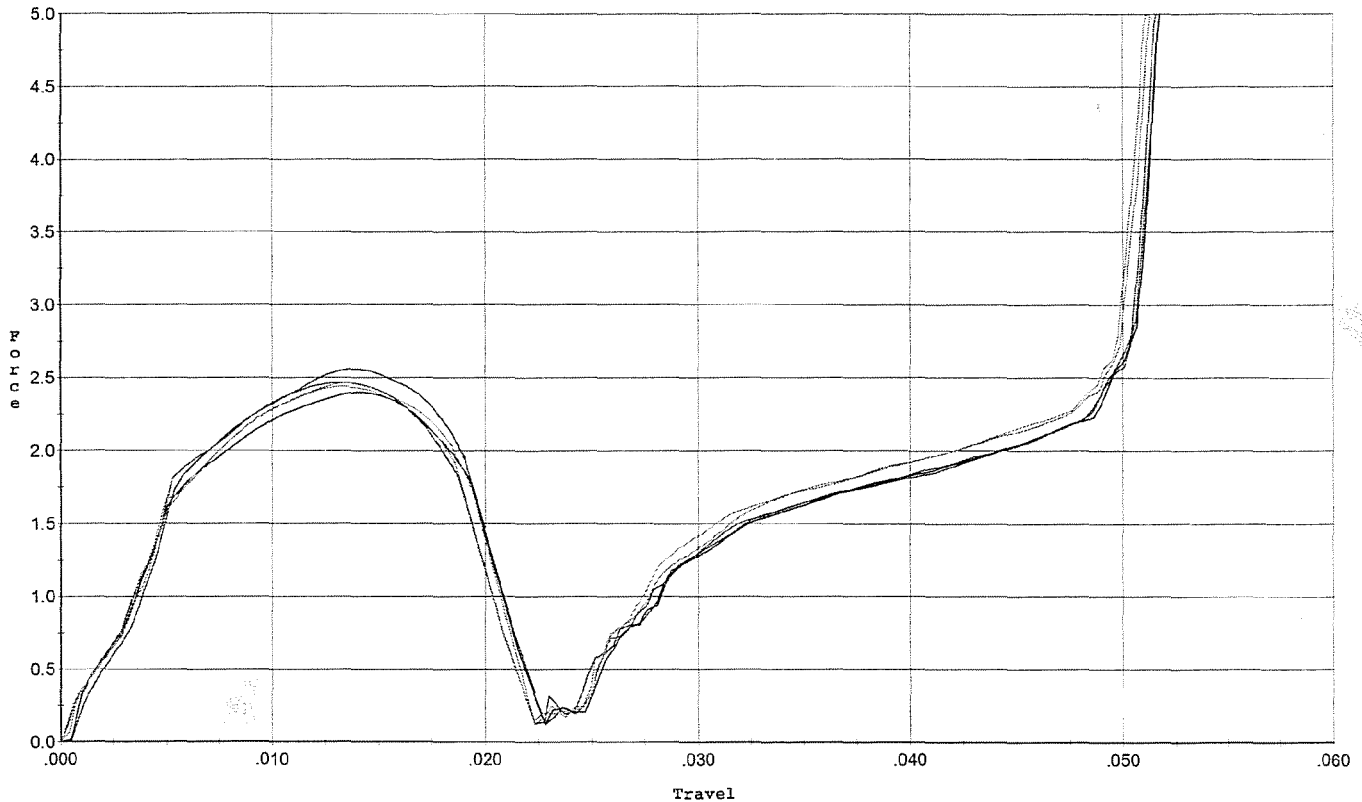
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-3-09	RTZ
505	RE-BARREL	9-4-09	RTZ
420	ASSEMBLE	9-4-09	RTZ
440	PROOF	9-4-09	APD
460	CHECK HEADSPACE	9-4-09	APD
470	DIS-ASSEMBLE GUN	9-4-09	APD
480	MAGNAFLUX	9/16/09	①
510	DRILL AND TAP	9-3-09	SP
500	ROLLMARK CALIBER	9/16/09	SP
520	GOFF BLAST BBL / REC	9/15	Wob
530 & 540	APPLY COATINGS	9/16	✓
560	FINAL ASSEMBLY	9-22-09	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	9-22-09 RP
650	TARGET	(PASS) FAIL	9-22-09 RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	9-22-09 LRP
670	FINAL INSPECTION		
	A) HEADSPACE	(PASS) FAIL	9/29/09 RB
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.33 2.27 2.35 2.33 2.34
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	3° 3° 3°
	G) SAFETY OFF FORCE	2 LBS MIN	8° 8° 8° 9/29/09
	I) FIRING PIN INDENT	.020	.023 .023 .023
690	PACK		9/29/09 Fm

F006 REV 1/2009

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/18/2009

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



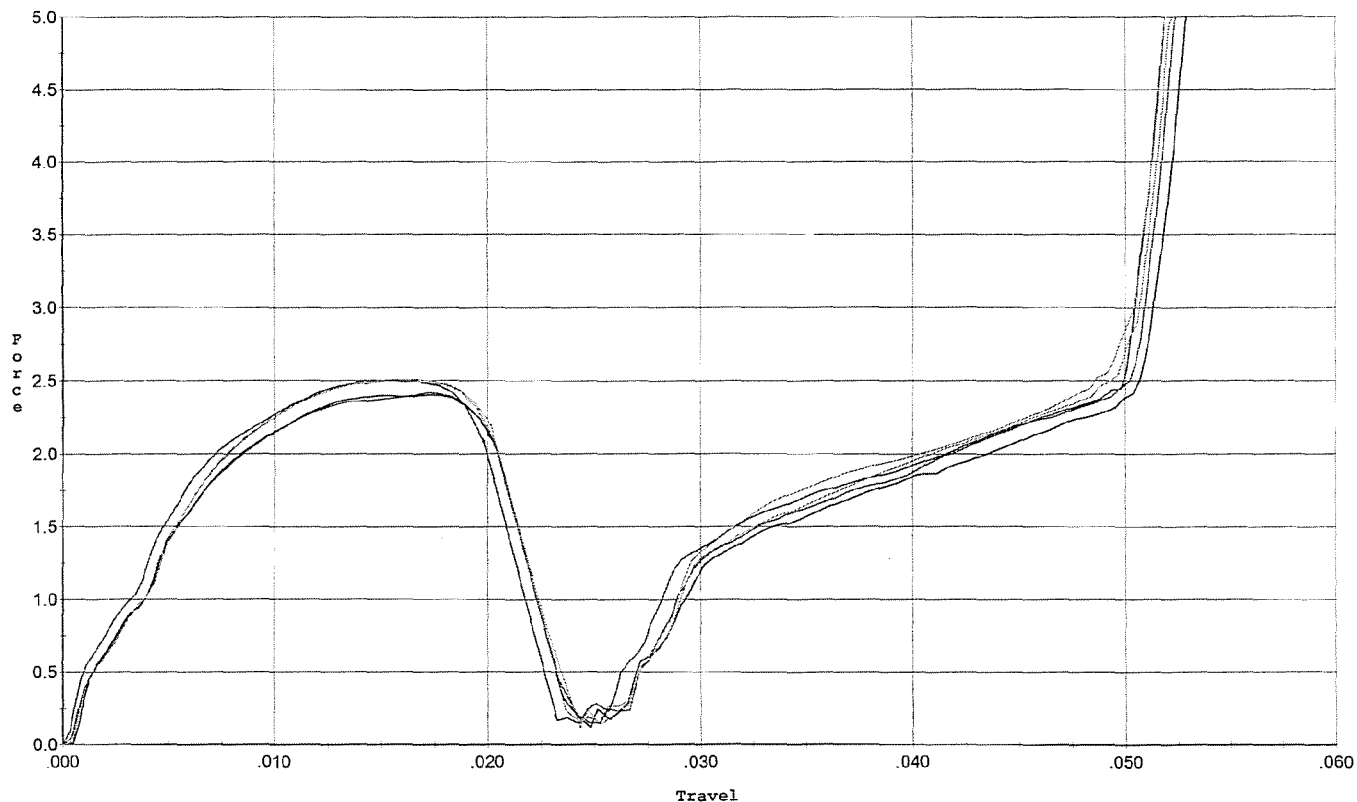
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.559	0.019	0.00	0.037	0.033		Set Trigger
2	2.399	0.019	0.00	0.037	0.032		Set Trigger
3	2.465	0.019	0.00	0.037	0.032		Set Trigger
4	2.442	0.019	0.00	0.037	0.032		Set Trigger
5	2.464	0.019	0.00	0.036	0.033		Set Trigger

A. 2.46

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/18/2009

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



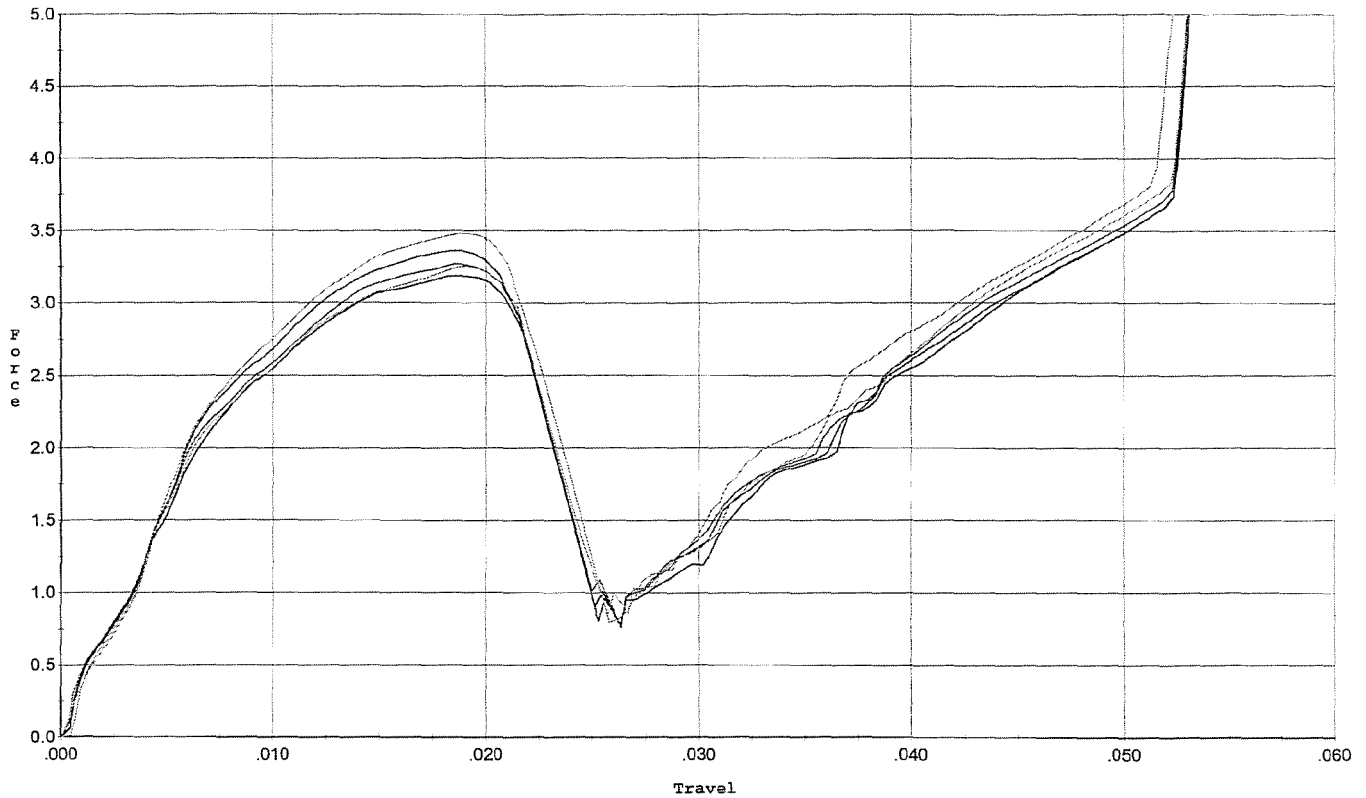
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.505	0.020	0.00	0.036	0.036		Set Trigger
2	2.407	0.020	0.00	0.037	0.035		Set Trigger
3	2.420	0.020	0.00	0.036	0.035		Set Trigger
4	2.509	0.020	0.00	0.036	0.036		Set Trigger
5	2.501	0.020	0.00	0.036	0.036		Set Trigger

A-2.46

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/18/2009

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



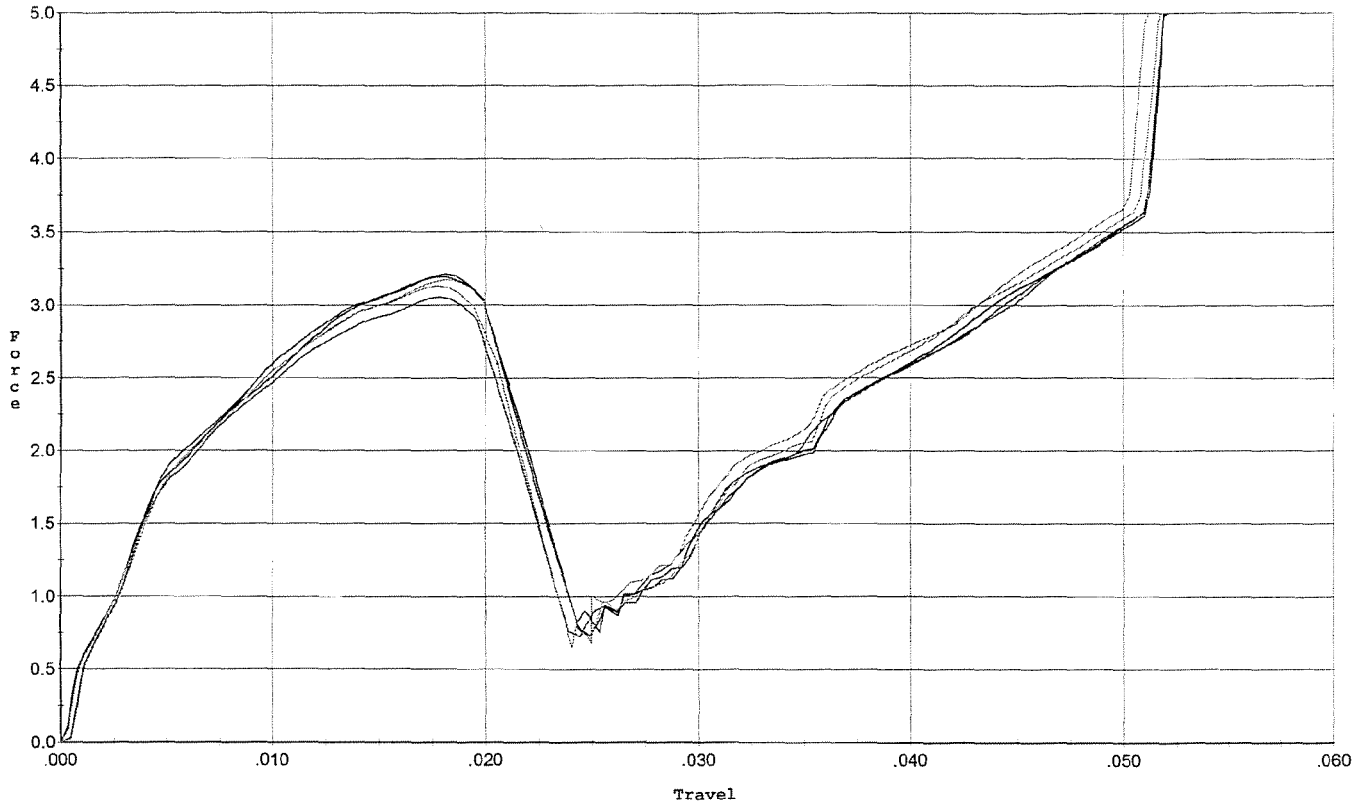
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.358	0.022	0.00	0.034	0.049		Set Trigger
2	3.186	0.022	0.00	0.034	0.047		Set Trigger
3	3.268	0.022	0.00	0.034	0.048		Set Trigger
4	3.253	0.021	0.00	0.034	0.047		Set Trigger
5	3.479	0.023	0.00	0.033	0.053		Set Trigger

A 3.30

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/18/2009

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



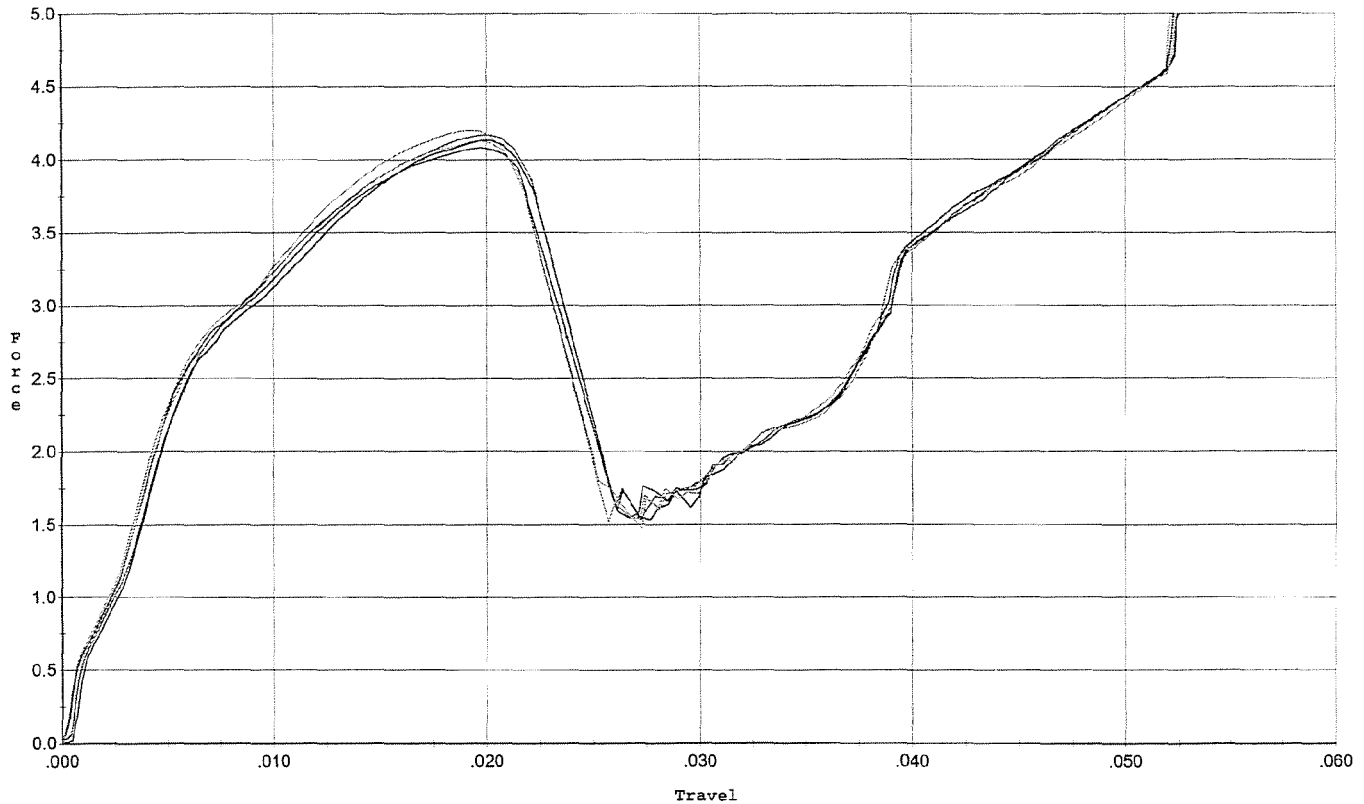
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.193	0.020	0.00	0.035	0.043		Set Trigger
2	3.212	0.022	0.00	0.034	0.047		Set Trigger
3	3.057	0.021	0.00	0.035	0.045		Set Trigger
4	3.175	0.022	0.00	0.034	0.047		Set Trigger
5	3.131	0.021	0.00	0.033	0.044		Set Trigger

A.3.15

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/18/2009

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



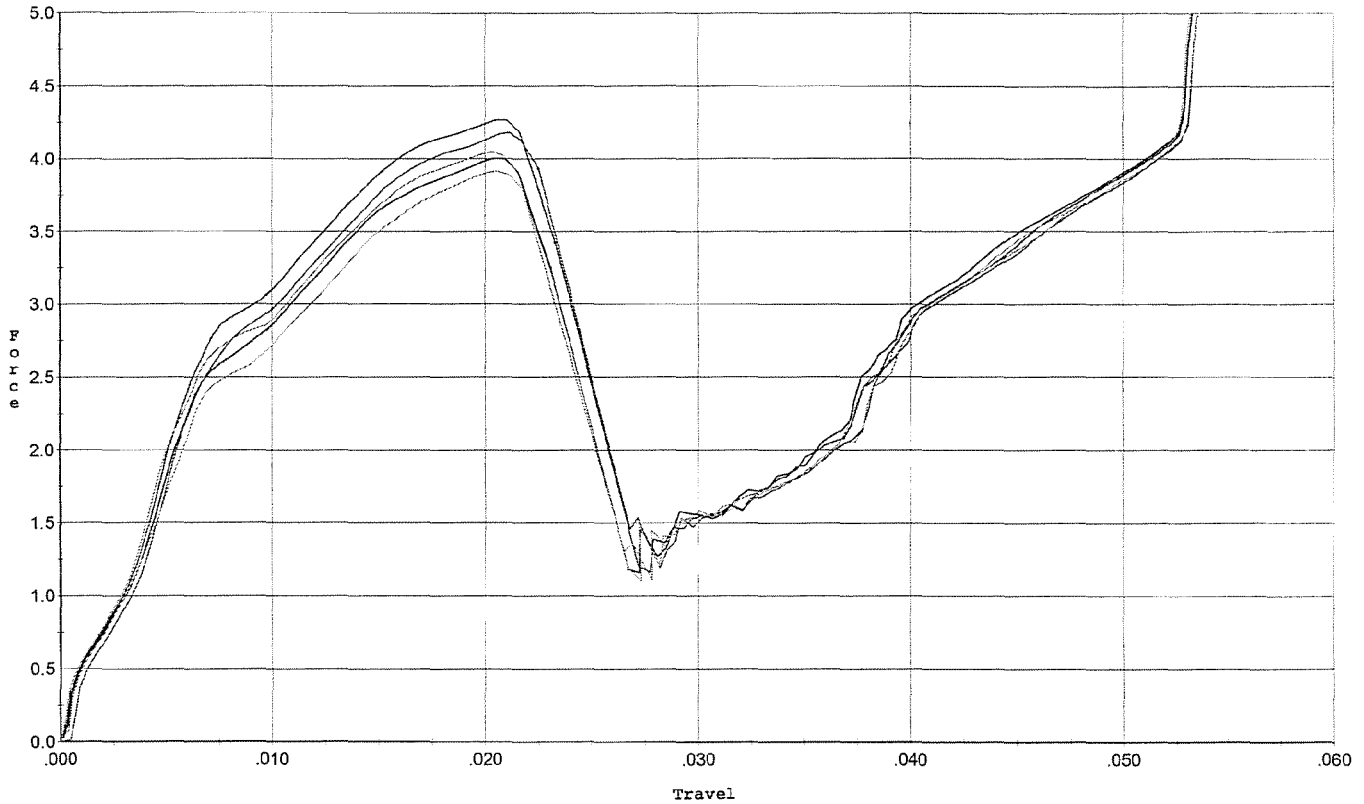
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.082	0.024	0.00	0.031	0.066		Set Trigger
2	4.133	0.022	0.00	0.032	0.061		Set Trigger
3	4.170	0.022	0.00	0.031	0.062		Set Trigger
4	4.131	0.022	0.00	0.032	0.060		Set Trigger
5	4.203	0.022	0.00	0.032	0.062		Set Trigger

A. 4.14

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/18/2009

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



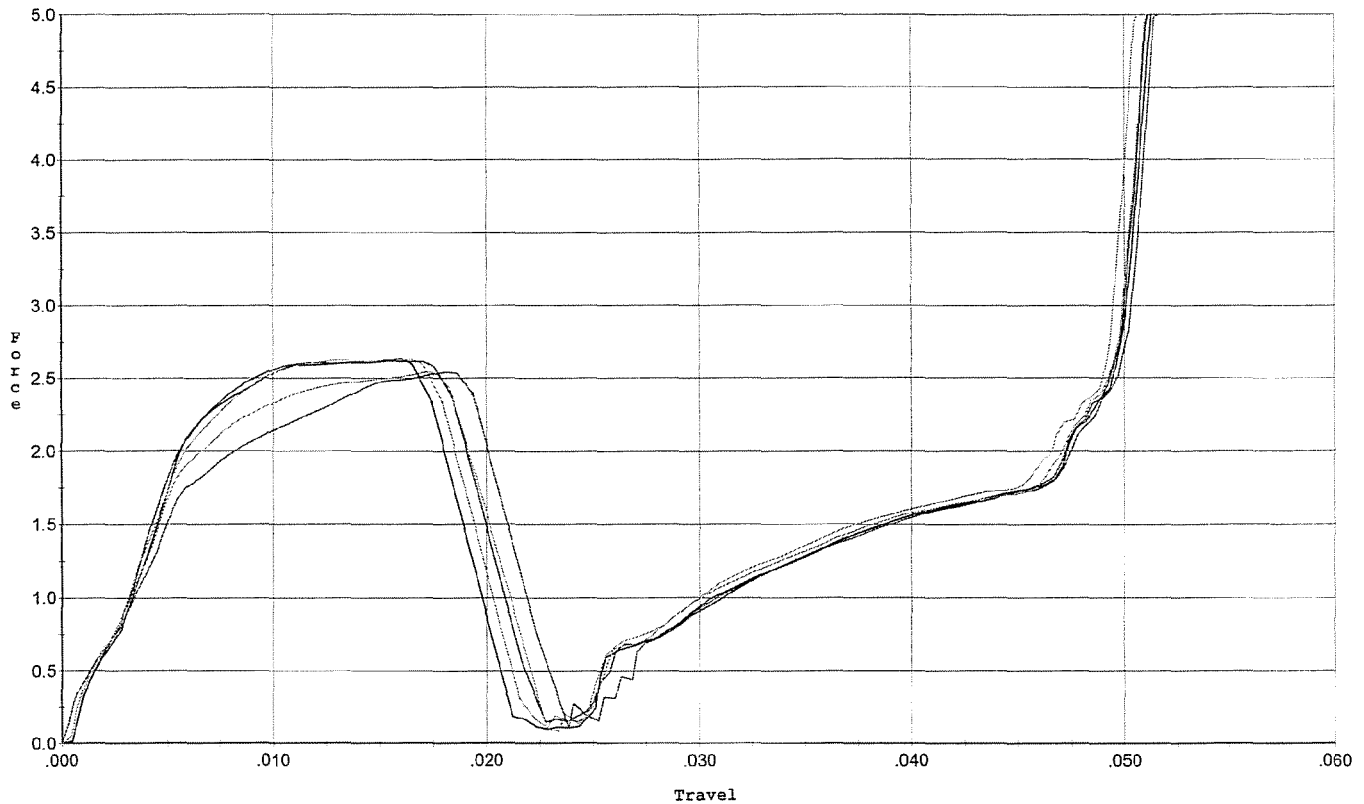
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.266	0.023	0.00	0.032	0.065		Set Trigger
2	4.002	0.023	0.00	0.032	0.060		Set Trigger
3	4.180	0.023	0.00	0.032	0.060		Set Trigger
4	3.914	0.023	0.00	0.033	0.058		Set Trigger
5	4.047	0.022	0.00	0.033	0.057		Set Trigger

A 4.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/18/2009

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



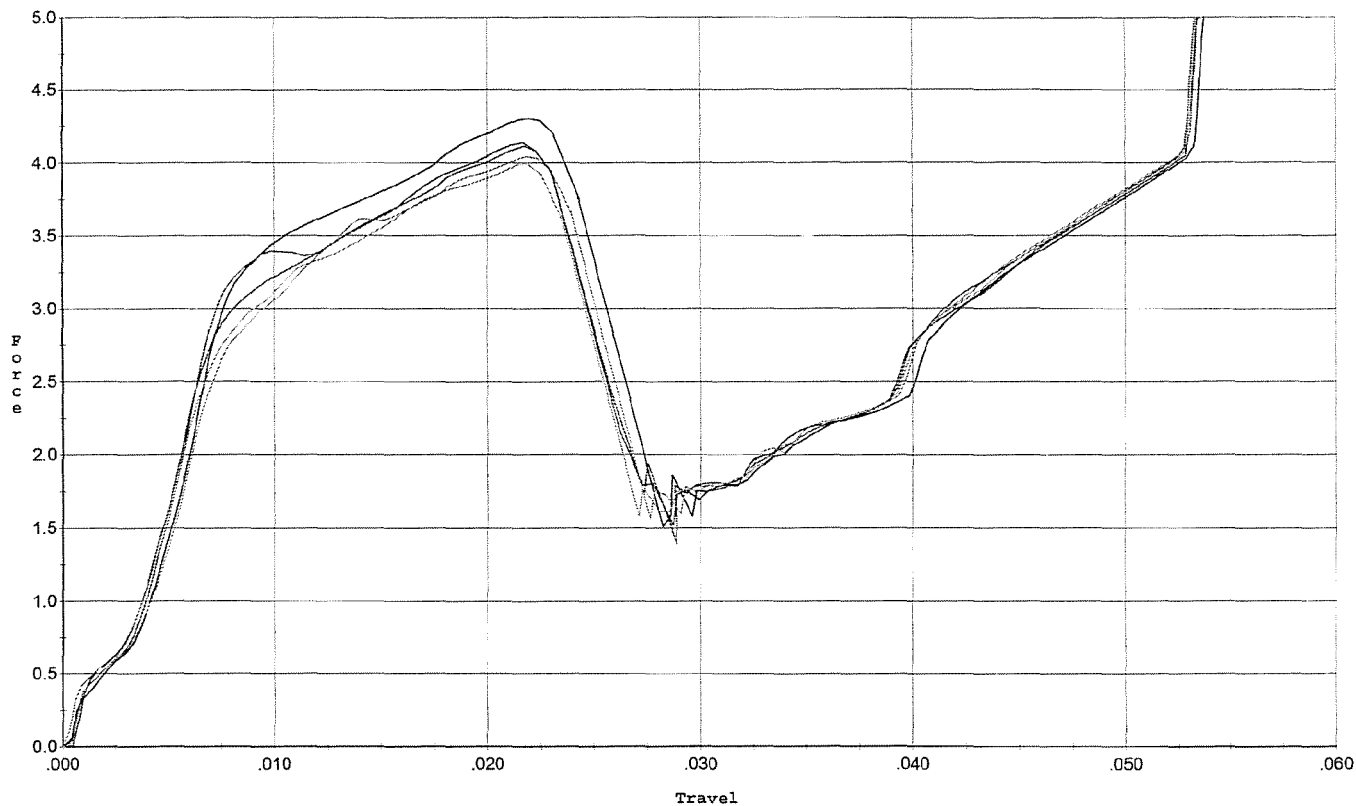
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.616	0.018	0.00	0.037	0.035		Set Trigger
2	2.634	0.017	0.00	0.038	0.033		Set Trigger
3	2.542	0.019	0.00	0.036	0.034		Set Trigger
4	2.540	0.020	0.00	0.036	0.037		Set Trigger
5	2.632	0.018	0.00	0.037	0.034		Set Trigger

A-2-57

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: cms 9/18/2009

Model: M/24
Serial No: Form #F005
Trigger: set to 4.0 lbs +/- 1.0 lb for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.134	0.023	0.00	0.032	0.062		Set Trigger
2	4.303	0.024	0.00	0.031	0.068		Set Trigger
3	4.112	0.023	0.00	0.031	0.063		Set Trigger
4	3.990	0.023	0.00	0.032	0.062		Set Trigger
5	4.041	0.024	0.00	0.031	0.063		Set Trigger

A. 4.11

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6863591.__0
FILE DATE AND TIME: 09/23/2009 08:27

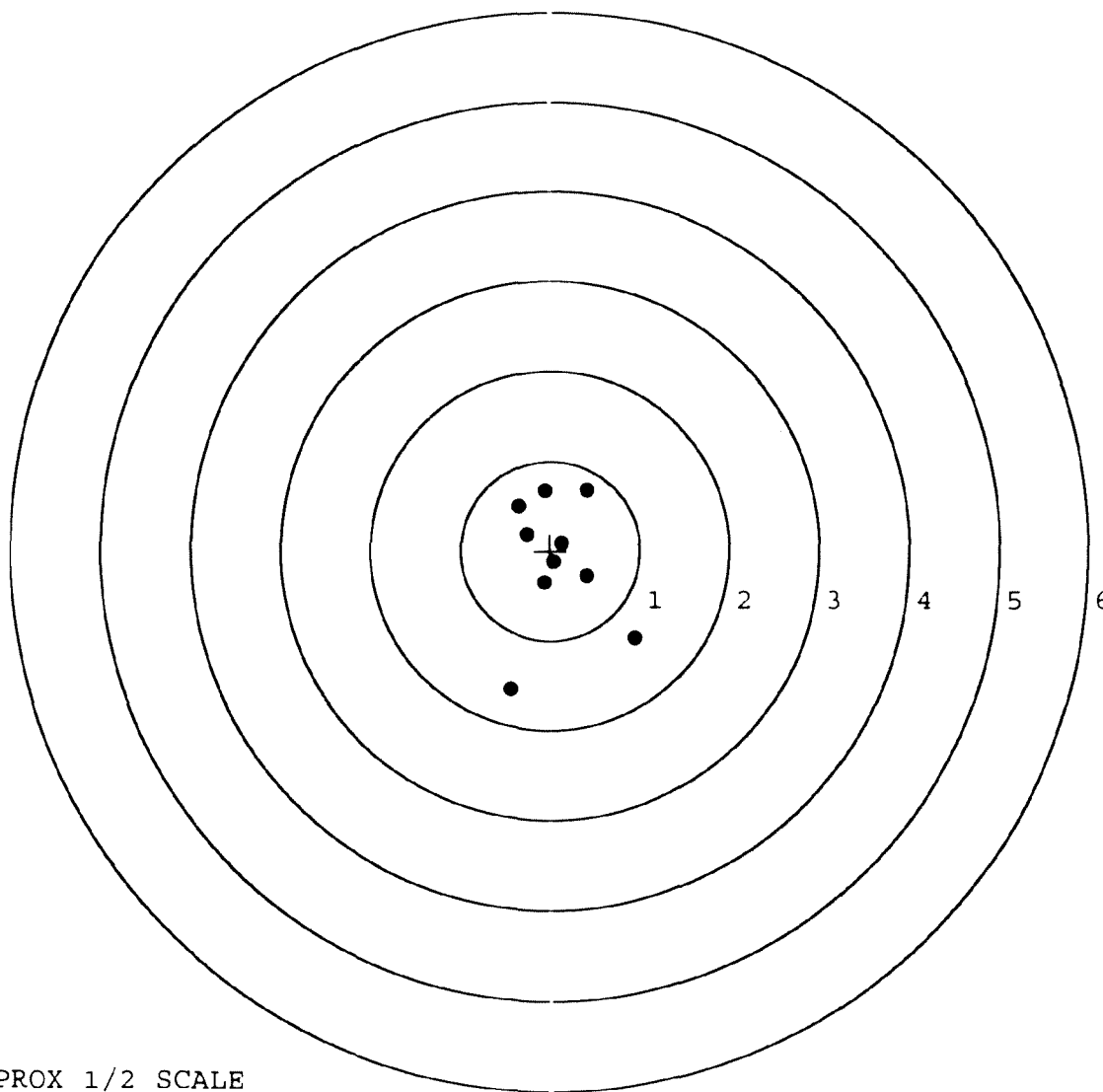
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.045
The Average Y Centroid of the Five Target Set:	-0.029
The Average Point of Impact of the Five Target Set:	0.054
The Average Mean Radius of the Five Target Set:	0.662
The Distance from POA to Centroid Target #1:	0.140
The Distance from Centroid Target #2 to Centroid Target #1:	0.093
The Distance from Centroid Target #3 to Centroid Target #1:	0.146
The Distance from Centroid Target #4 to Centroid Target #1:	0.251
The Distance from Centroid Target #5 to Centroid Target #1:	0.100

SERIAL NUMBER: G6863591. 0
TARGET NUMBER: 1
FILE DATE: 09/23/2009
FILE TIME: 08:27

X CENTROID: 0.072
Y CENTROID: -0.120
POA TO CENTROID: 0.140
HORZ SPREAD: 1.393
VERT SPREAD: 2.228
GROUP SPREAD: 2.387
MIN RADIUS: 0.029
MAX RADIUS: 1.523
MEAN RADIUS: 0.652
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.448	-1.552
2:	0.945	-0.975
3:	0.409	0.676
4:	-0.064	0.667
5:	-0.355	0.494
6:	-0.272	0.186
7:	-0.073	-0.363
8:	0.409	-0.292
9:	0.044	-0.127
10:	0.127	0.082

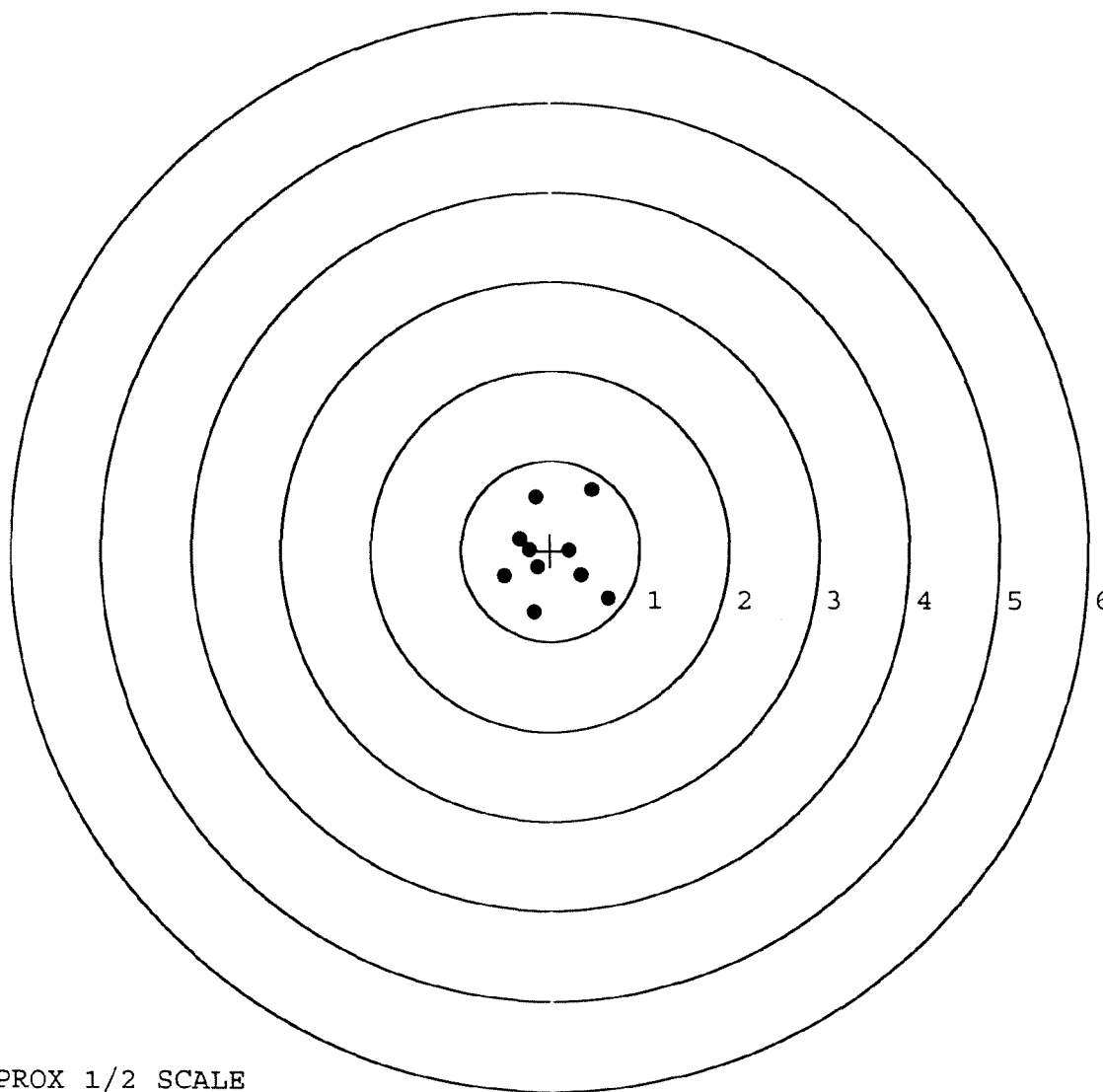


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863591. __0
TARGET NUMBER: 2
FILE DATE: 09/23/2009
FILE TIME: 08:27

X CENTROID: 0.005
Y CENTROID: -0.055
POA TO CENTROID: 0.055
HORZ SPREAD: 1.160
VERT SPREAD: 1.362
GROUP SPREAD: 1.510
MIN RADIUS: 0.200
MAX RADIUS: 0.865
MEAN RADIUS: 0.503
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.462	0.679
2:	-0.169	0.598
3:	-0.190	-0.683
4:	0.642	-0.536
5:	0.343	-0.274
6:	0.209	-0.001
7:	-0.518	-0.290
8:	-0.341	0.132
9:	-0.237	0.008
10:	-0.147	-0.184



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863591. __0

TARGET NUMBER: 3

FILE DATE: 09/23/2009

FILE TIME: 08:27

X CENTROID: 0.064

Y CENTROID: 0.025

POA TO CENTROID: 0.069

HORZ SPREAD: 1.293

VERT SPREAD: 2.160

GROUP SPREAD: 2.240

MIN RADIUS: 0.142

MAX RADIUS: 1.360

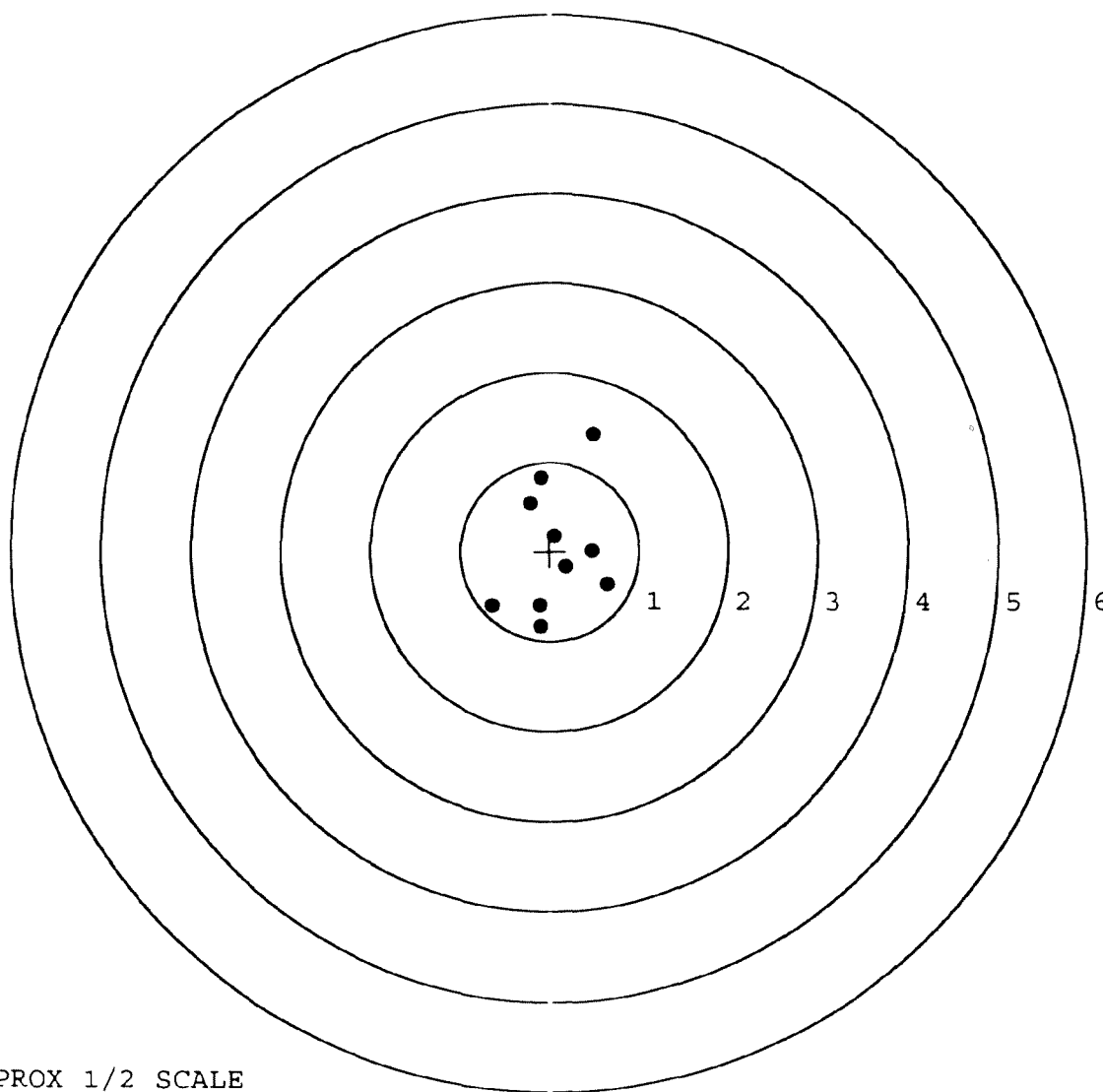
MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.482	1.319
2:	-0.100	0.826
3:	-0.226	0.536
4:	-0.648	-0.609
5:	-0.112	-0.841
6:	-0.118	-0.613
7:	0.645	-0.373
8:	0.477	0.012
9:	0.185	-0.174
10:	0.058	0.167

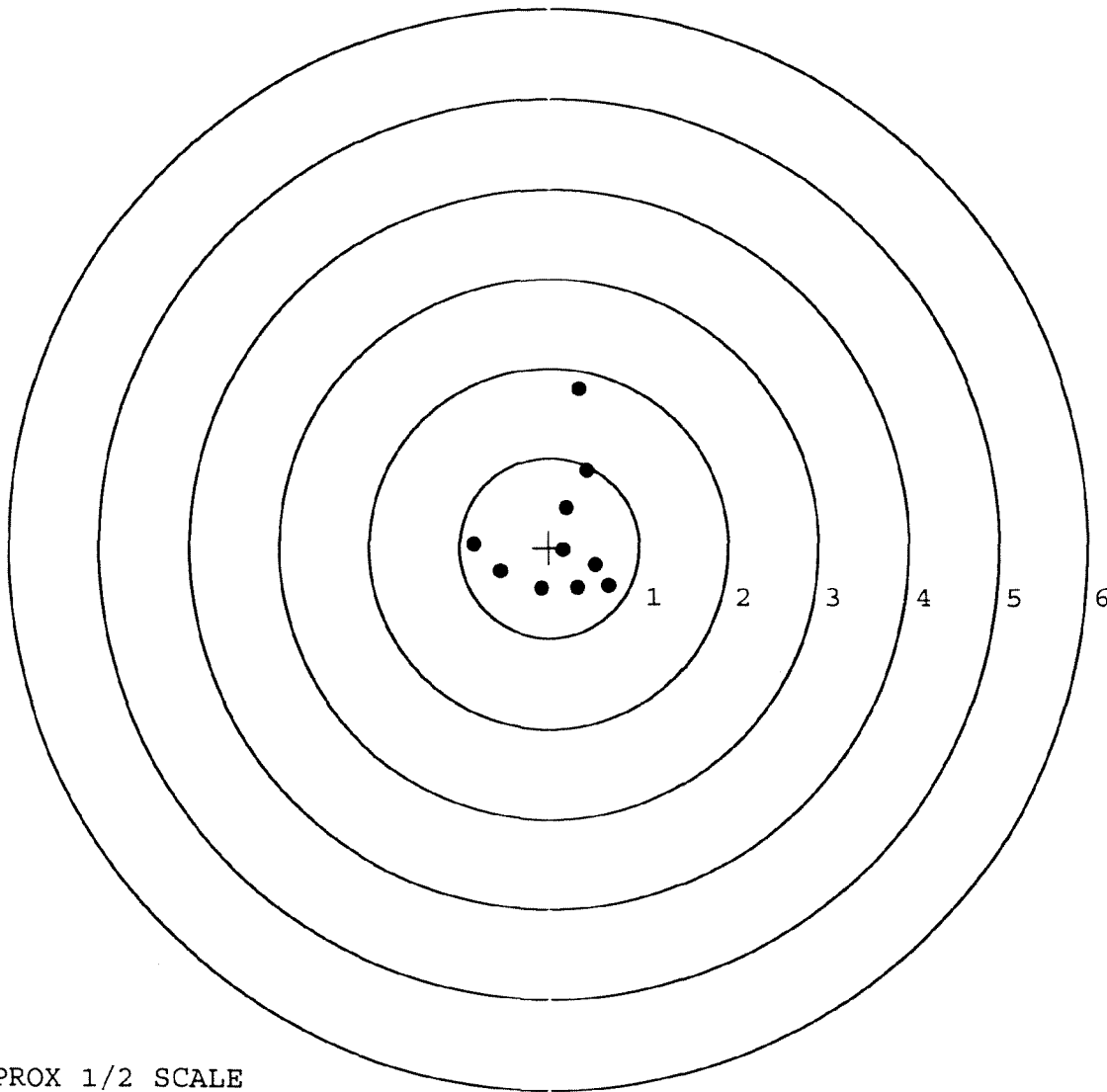


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863591. __ 0
TARGET NUMBER: 4
FILE DATE: 09/23/2009
FILE TIME: 08:27

X CENTROID: 0.113
Y CENTROID: 0.127
POA TO CENTROID: 0.170
HORZ SPREAD: 1.498
VERT SPREAD: 2.230
GROUP SPREAD: 2.271
MIN RADIUS: 0.164
MAX RADIUS: 1.658
MEAN RADIUS: 0.719
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.339	1.770
2:	0.418	0.859
3:	0.187	0.445
4:	0.158	-0.031
5:	-0.834	0.038
6:	-0.541	-0.273
7:	-0.090	-0.460
8:	0.664	-0.428
9:	0.515	-0.199
10:	0.317	-0.448

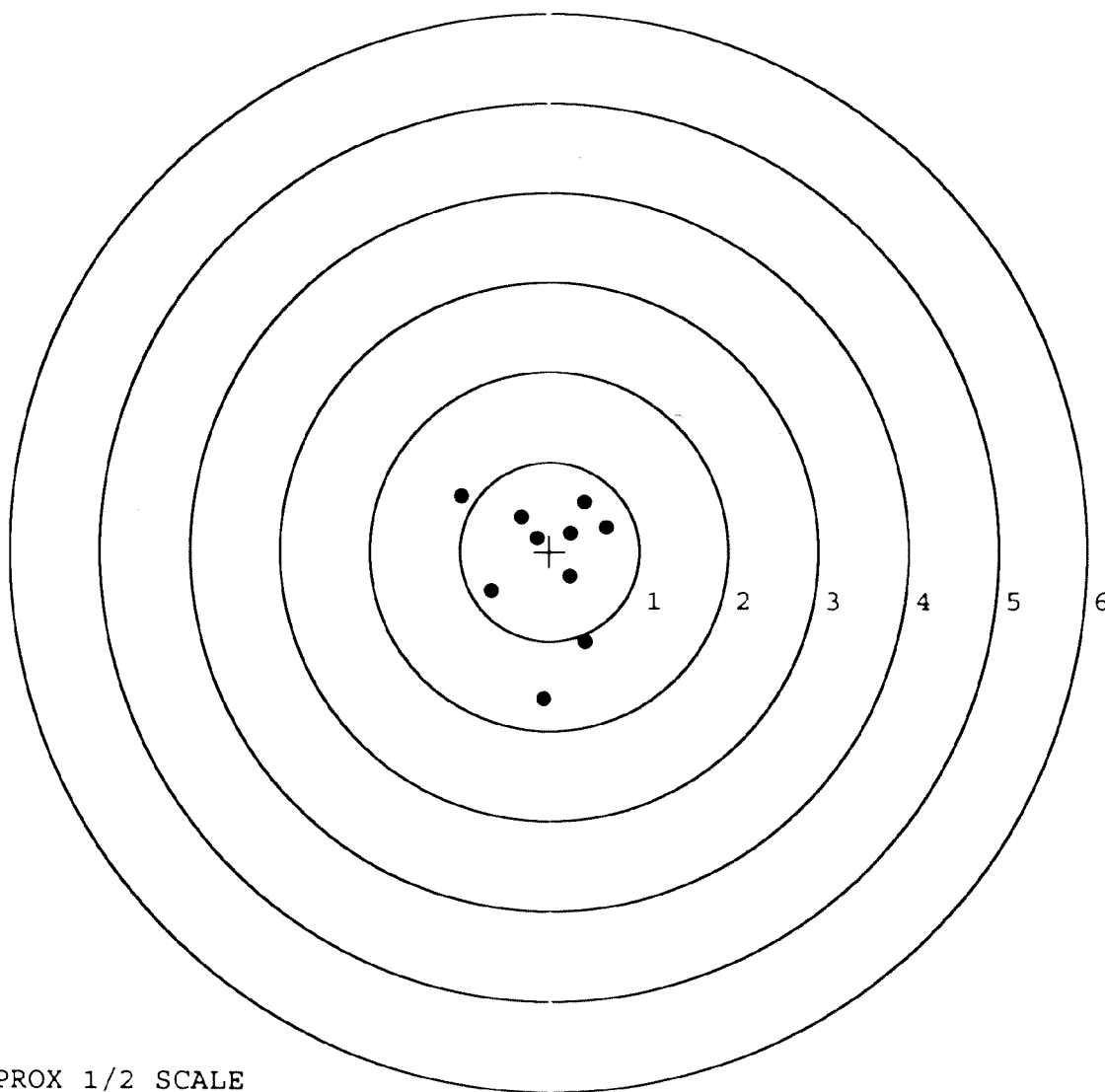


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6863591. __ 0
TARGET NUMBER: 5
FILE DATE: 09/23/2009
FILE TIME: 08:27

X CENTROID: -0.028
Y CENTROID: -0.122
POA TO CENTROID: 0.125
HORZ SPREAD: 1.621
VERT SPREAD: 2.274
GROUP SPREAD: 2.450
MIN RADIUS: 0.296
MAX RADIUS: 1.531
MEAN RADIUS: 0.761
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.073	-1.652
2:	0.397	-1.019
3:	-0.652	-0.443
4:	-0.985	0.622
5:	-0.317	0.382
6:	-0.145	0.150
7:	0.390	0.558
8:	0.636	0.268
9:	0.237	0.202
10:	0.231	-0.284



TARGET APPROX 1/2 SCALE

Remington®

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

MODEL 700™ M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

SERIAL NO. ^J
E6703422

ORDER NO.
25716

46

Made in Ilion, NY Reg. U.S. Pat & tm. Off. Marca Registrada Marque Deposee.



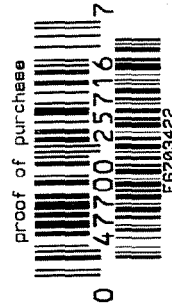
11CV

MODEL 700TH M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

DOCUMENT ENVELOPE ASSEMBLY:

- INSTRUCTION BOOK
- PRODUCT OWNER'S CARD
- SAFETY BOOKLET

46 FORM 1444

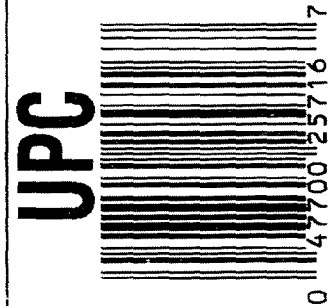


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

E6703422



ORDER 25716

MODEL 700TH M24

UPC



ORDER 25716

MODEL 700TH M24

UPC



SERIAL NO.



E6703422

CONTRACT # DAAE20-01-C-0007

GUN SERIAL #

E6703422

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		4/4/01	CK
600	PROOF		↓	↓
607	CHECK HEADSPACE		↓	↓
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT			
615	ROLLMARK CALIBER			
617	DRILL AND TAP SIGHT HOLES		3/27/01	JA
618	POLISH BARREL			
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		3/28/01	JA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		↓	↓
	C) INSPECT EJECTOR HOLE FOR CHAMFER		↓	↓
	D) OIL FIRING PIN ASSEMBLY		4/5/01	CK
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		"	"

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	6.5 6.5 6.5	4/3/01	DA
CONT.	G) SAFETY OFF FORCE	2.5 2.5 2.5	4/3/01	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT	.022 .023 .023	4/4/01	DA
	J) ASSEMBLE STOCK			CK
	K) ASSEMBLE SWIVEL STUDS			
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			
	M) IRON SIGHT ALIGNMENT			
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			
640	GALLERY TEST AND TARGET		4/2/01 3-28-01	Rw
	A) MALFUNCTIONS		4/2/01 3-28-01	Rw
	B) PIERCED PRIMERS		4/2/01 3-28-01	Rw
645	INSPECT FOR LIVE AMMO		4/2/01 3-28-01	Rw
655	FINAL INSPECTION A) HEADSPACE		4/4/01	Rw
	B) TRIGGER PULL	2.75 2.75 2.74 2.71 2.72	4/4/01	DA
	C) FUNCTION			
660	PACK		4/4/01	DA

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6703422
3 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0734
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0252
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0776054

THE AMR FOR THIS RIFLE IS: 1.005

CENTROIDAL DISTANCES

0	TO	1	.0813449
1	TO	2	.121202
1	TO	3	.276279
1	TO	4	.135207
1	TO	5	.260279

2
4^T 3 <----POA
5

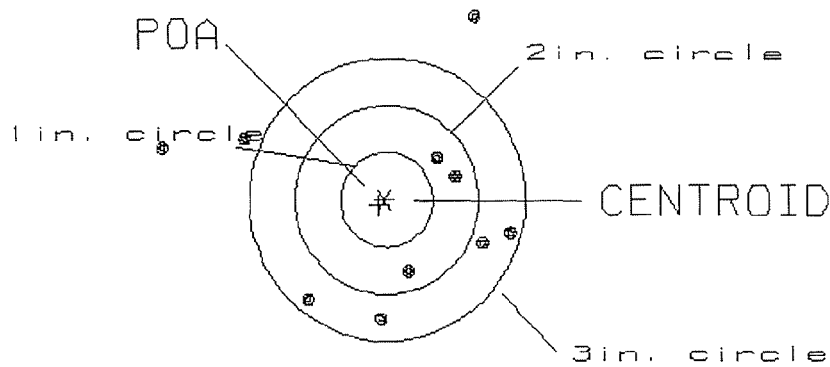
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .081
 MIN RADIUS : .729
 MEAN RADIUS : 1.389
 MAX RADIUS : 2.490
 CENTROID X : .059
 CENTROID Y : .056

3 Apr 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/E6703422.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.78

0

VS= 3.21

3

GS= 3.90

7

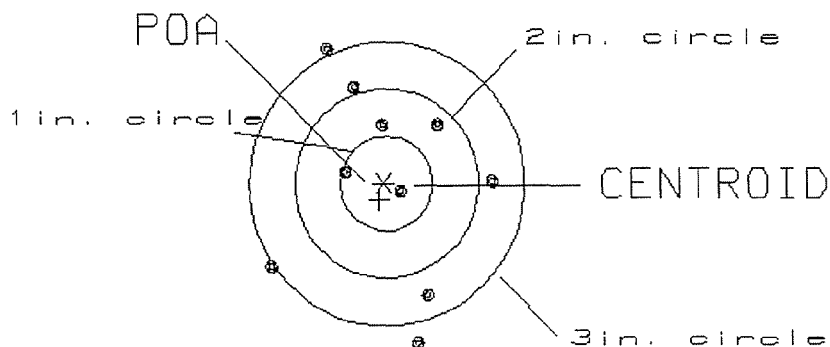
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .185
 MIN RADIUS : .208
 MEAN RADIUS : 1.048
 MAX RADIUS : 1.754
 CENTROID X : .052
 CENTROID Y : .177

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6783422.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.37

2

VS= 3.13

4

GS= 3.28

7

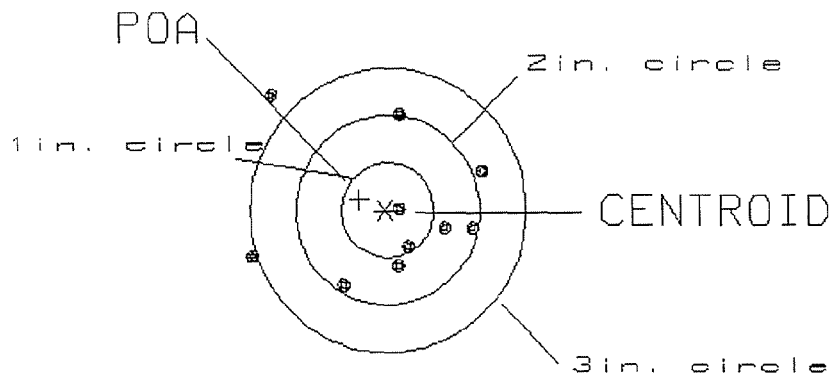
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .299
 MIN RADIUS : .114
 MEAN RADIUS : .915
 MAX RADIUS : 1.756
 CENTROID X : .276
 CENTROID Y : -.115

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703422.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.47

2

VS= 1.96

7

GS= 2.64

8

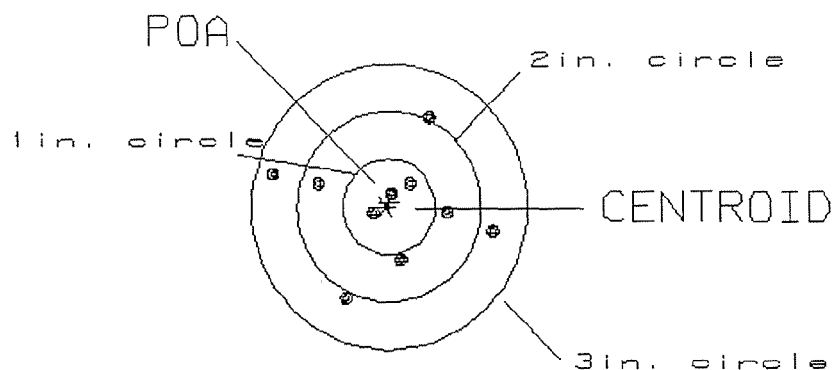
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .054
 MIN RADIUS : .119
 MEAN RADIUS : .744
 MAX RADIUS : 1.327
 CENTROID X : -.032
 CENTROID Y : -.044

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703422.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.46

3

VS= 1.95

6

GS= 2.52

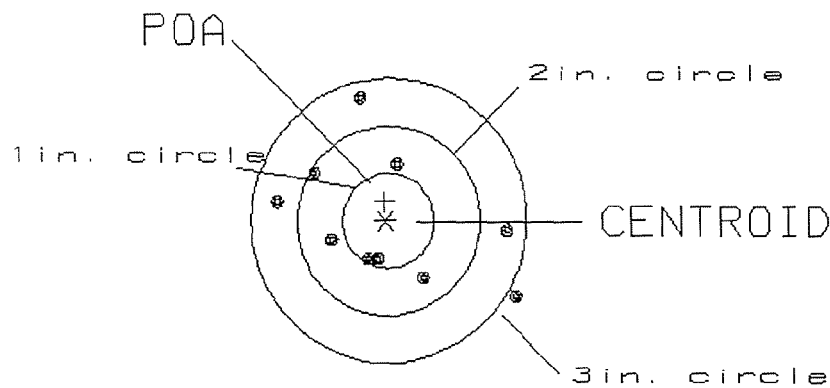
10

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .200
 MIN RADIUS : .438
 MEAN RADIUS : .929
 MAX RADIUS : 1.658
 CENTROID X : .012
 CENTROID Y : -.200

3 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703422.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.61
 VS= 2.17
 GS= 2.80

2
 6
 9

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6703422
29 Mar 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0724$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.1542$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.170351$

THE AMR FOR THIS RIFLE IS: 1.648

CENTROIDAL DISTANCES

0 TO	1	.267675
1 TO	2	.607376
1 TO	3	.143136
1 TO	4	.153525
1 TO	5	1.4322

3
4
+ <----POA
2

5

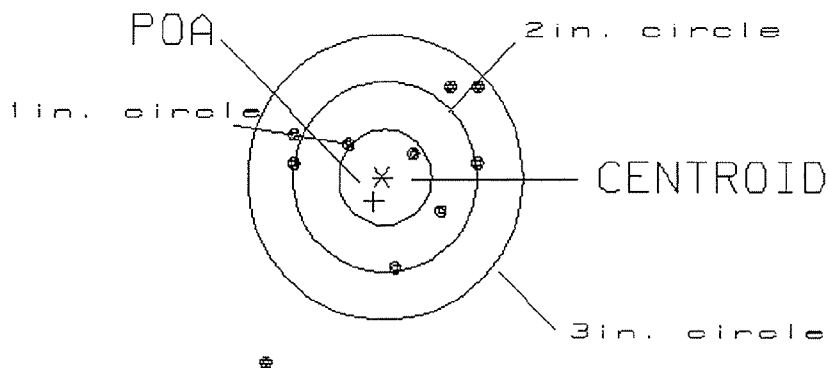
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .268
 MIN RADIUS : .381
 MEAN RADIUS : 1.058
 MAX RADIUS : 2.340
 CENTROID X : .093
 CENTROID Y : .251

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703422

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.29

2

VS= 2.96

4

GS= 3.69

9

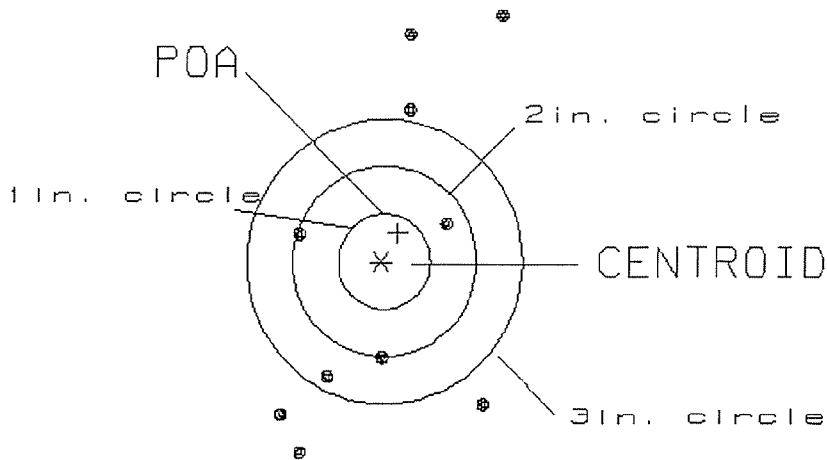
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .342
 MIN RADIUS : .763
 MEAN RADIUS : 1.696
 MAX RADIUS : 2.886
 CENTROID X : -.171
 CENTROID Y : -.296

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703422

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.46
 VS= 4.55
 GS= 5.04

0
 2
 4

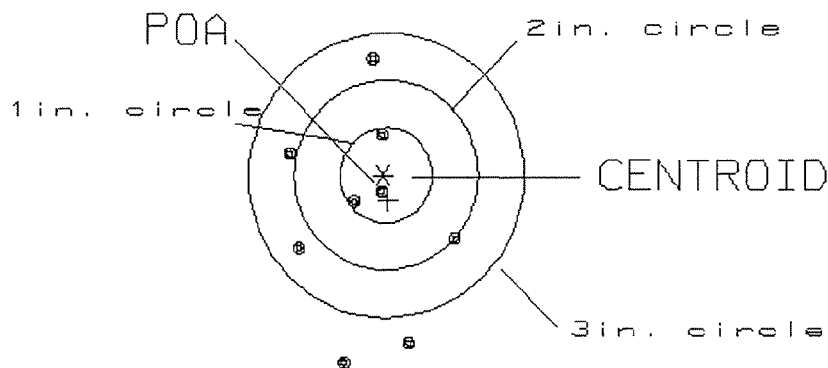
PATTERN #: 3

POA TO CENTROID: .273
 MIN RADIUS : .134
 MEAN RADIUS : 1.337
 MAX RADIUS : 4.106
 CENTROID X : -.049
 CENTROID Y : .269

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703422

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.93

3

VS= 5.56

3

GS= 6.03

7

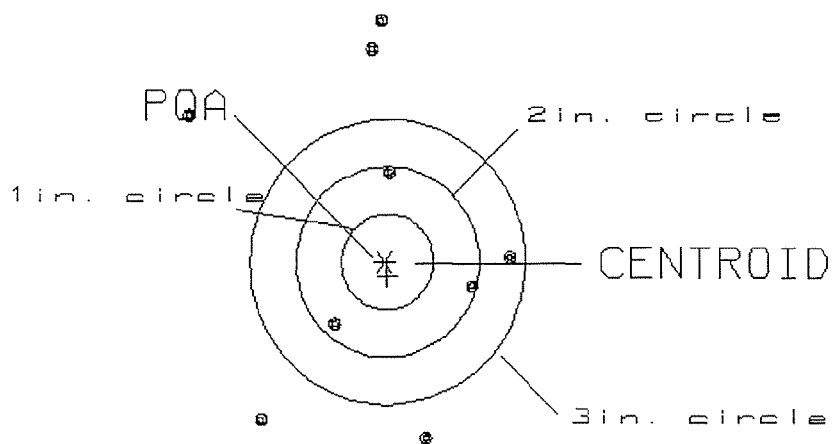
PATTERN #: 4

POA TO CENTROID: .156
 MIN RADIUS : .884
 MEAN RADIUS : 1.908
 MAX RADIUS : 3.406
 CENTROID X : -.026
 CENTROID Y : .154

29 Mar 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703422

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.83

0

VS= 5.52

3

GS= 5.91

4

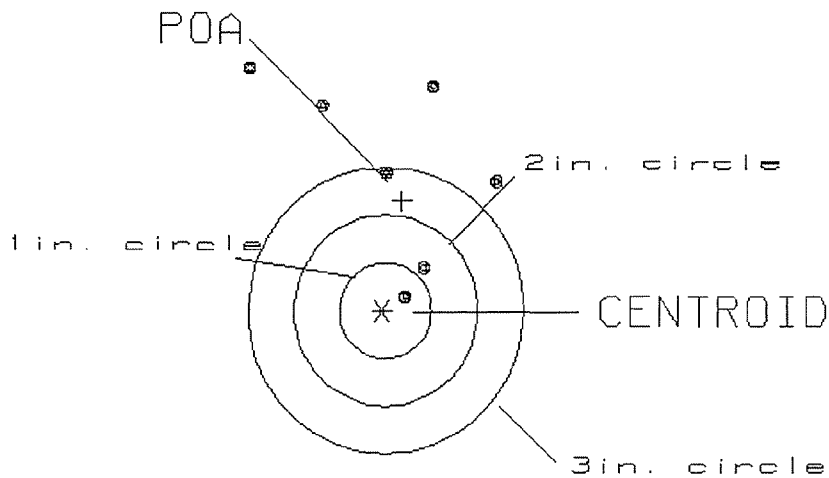
PATTERN #: ☐ 5 ☐

POA TO CENTROID: 1.167
 MIN RADIUS : .275
 MEAN RADIUS : 2.239
 MAX RADIUS : 5.149
 CENTROID X : -.209
 CENTROID Y : -1.149

29 Mar 2001

FILE:/Hbasic/Accuracy/Patterning/Centerfire_Patt/e6703422

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.67

1

VS= 7.66

2

GS= 7.76

3

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. E 6703422

DATE 12-28-00

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.65		2.69	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.59	2.59		2.79	
PULL #3	2.61	2.62		2.74	
PULL #4	2.58	2.61		2.75	
PULL #5	2.51	2.61		2.73	
TOTAL	12.89	13.08		13.70	
AVG.	2.58	2.62		2.74	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.21		
PULL #2	3.16	3.21		
PULL #3	3.18	3.15		
PULL #4	3.13	3.19		
PULL #5	3.19	3.21		
TOTAL	15.92	15.97		
AVG.	3.18	3.19		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.10		4.26
PULL #2	4.16	4.20		4.23
PULL #3	4.19	4.18		4.31
PULL #4	4.18	4.20		4.22
PULL #5	4.23	4.25		4.27
TOTAL	20.93	20.93		21.29
AVG.	4.19	4.19		4.26