

C6349054

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M2400106817

CONFIDENTIAL - SUBJECT TO PROTECTIVE ORDER

Repair Inquiry

Repair Number: RE00133031

Serial: C6349054 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1990

Repairman:

Verify Repair

High Priority

Status:

Closed 8/22/2007 7:13:01 AM

Address Information

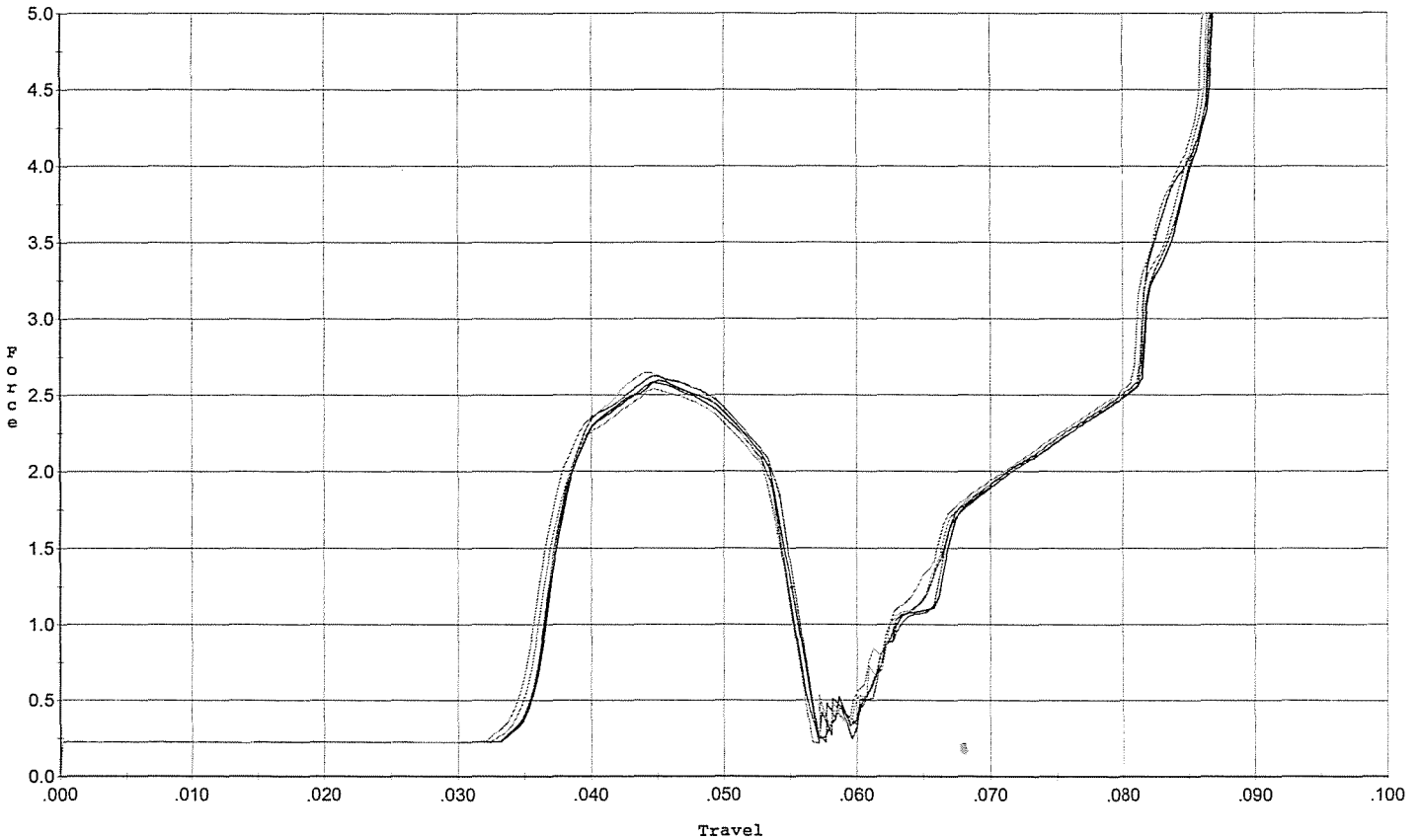
Customer:

☒ Received From

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/02/07

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

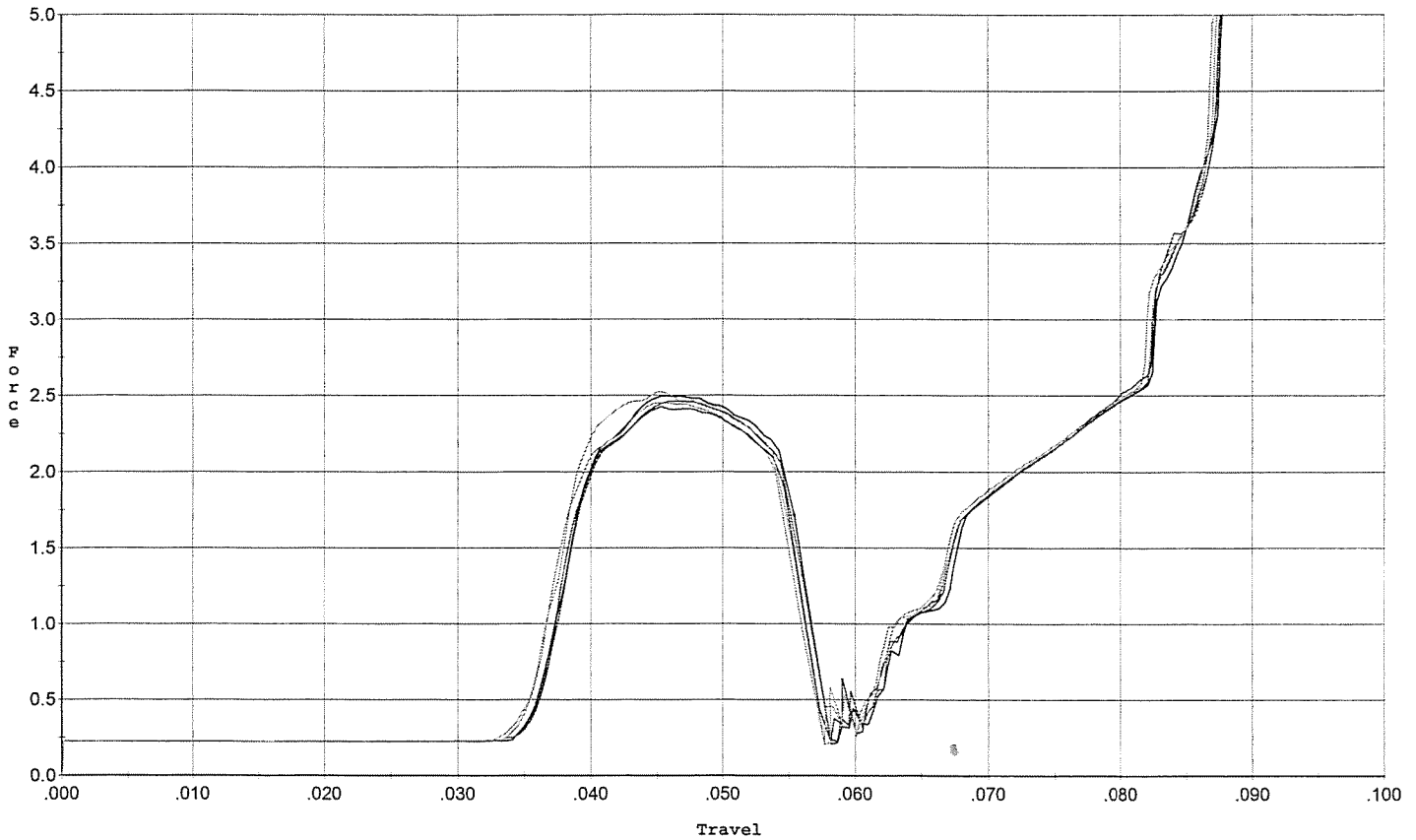


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.584	0.054	0.035	0.038			

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/02/07

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

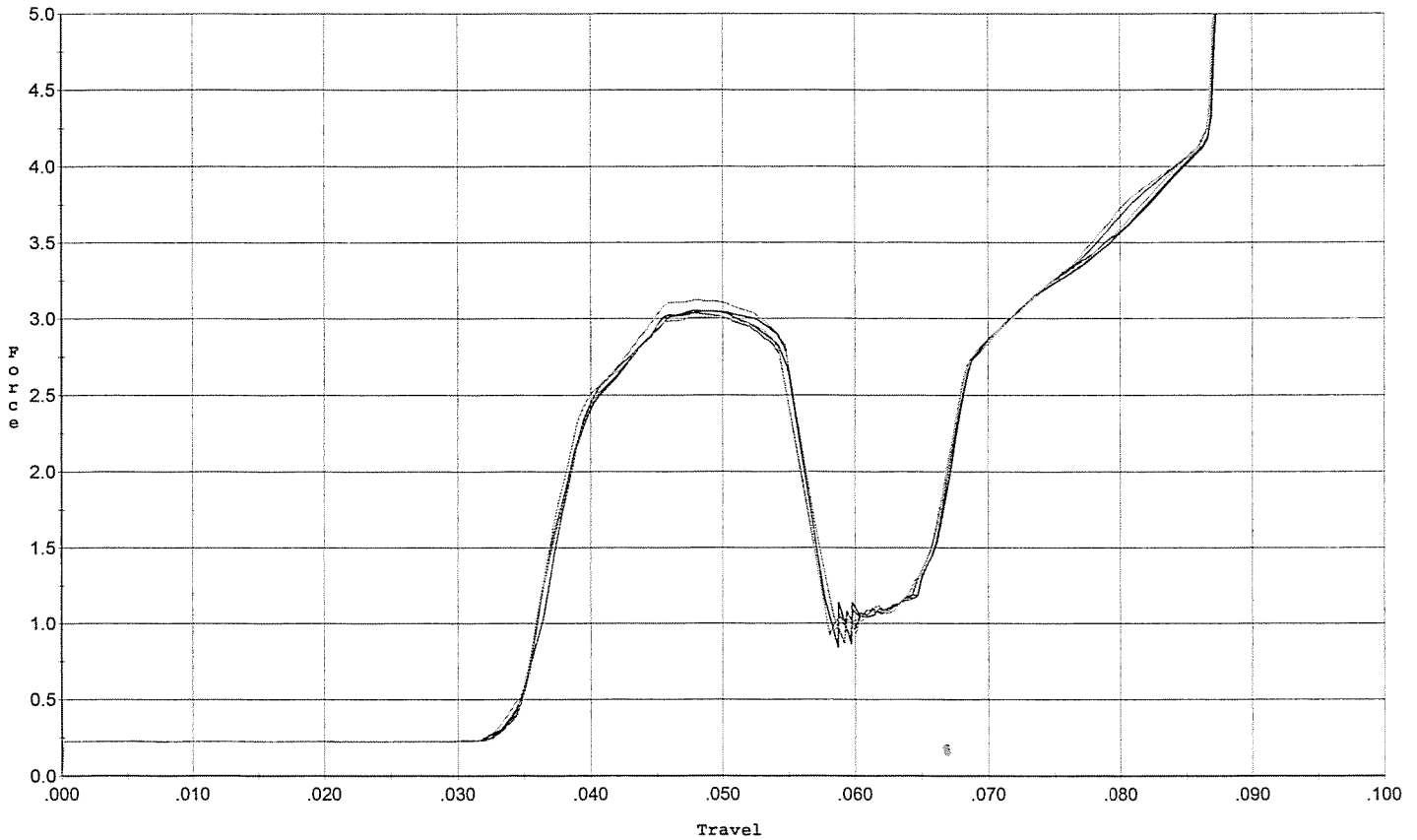


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.425						

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/02/07

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

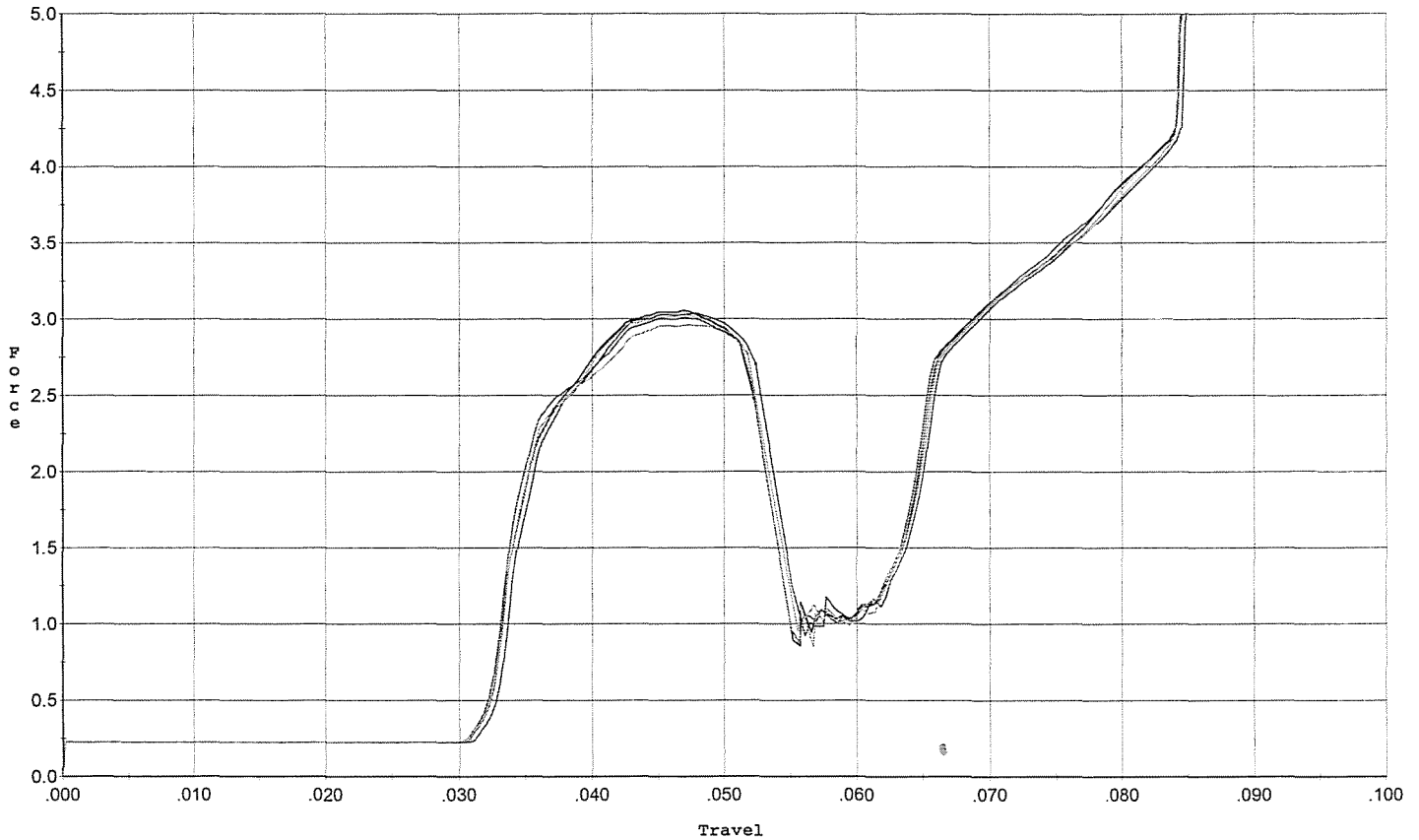


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
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Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/02/07

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

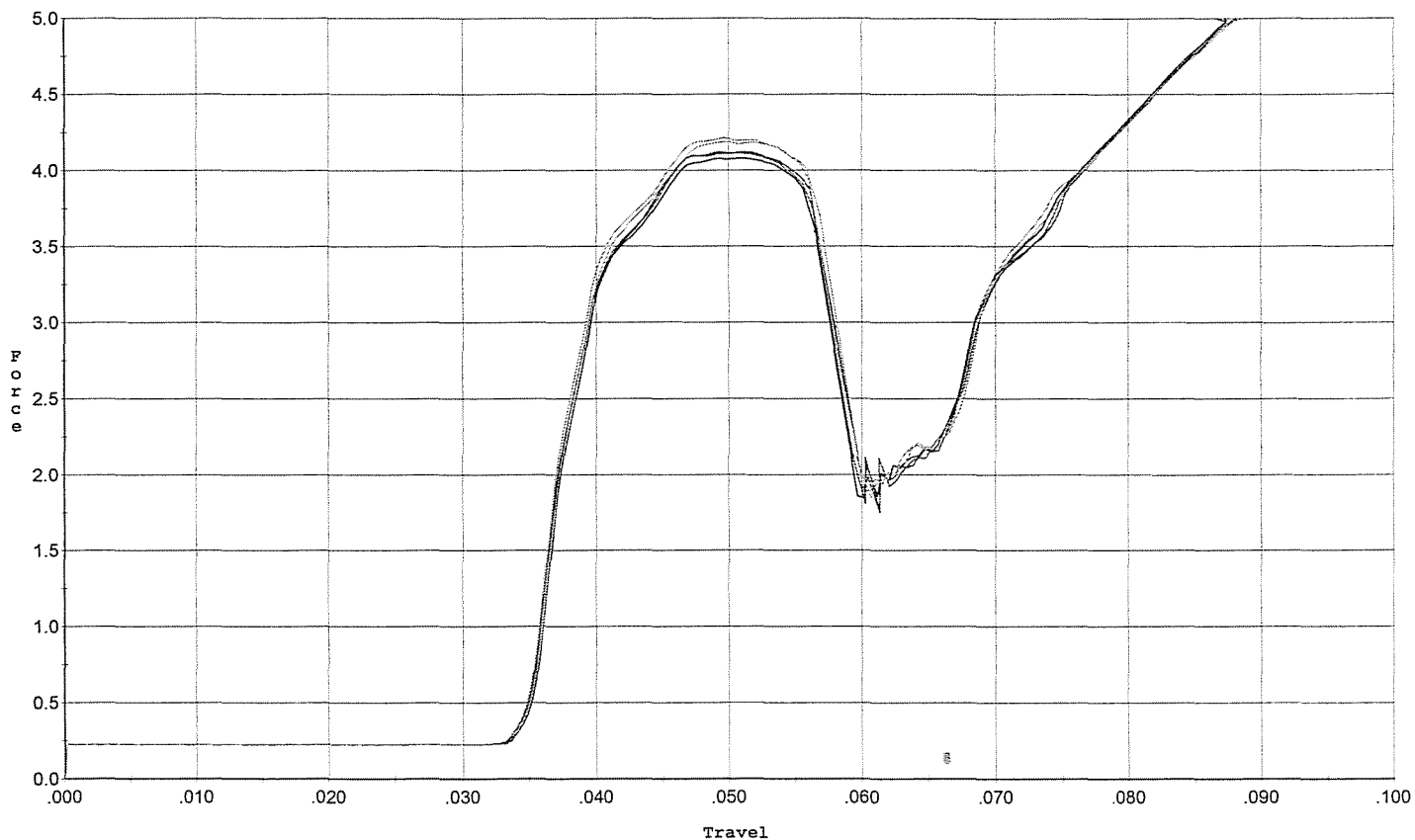


#	Peak Force	Travel To Actuate	Initial Take-up</
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Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/02/07

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

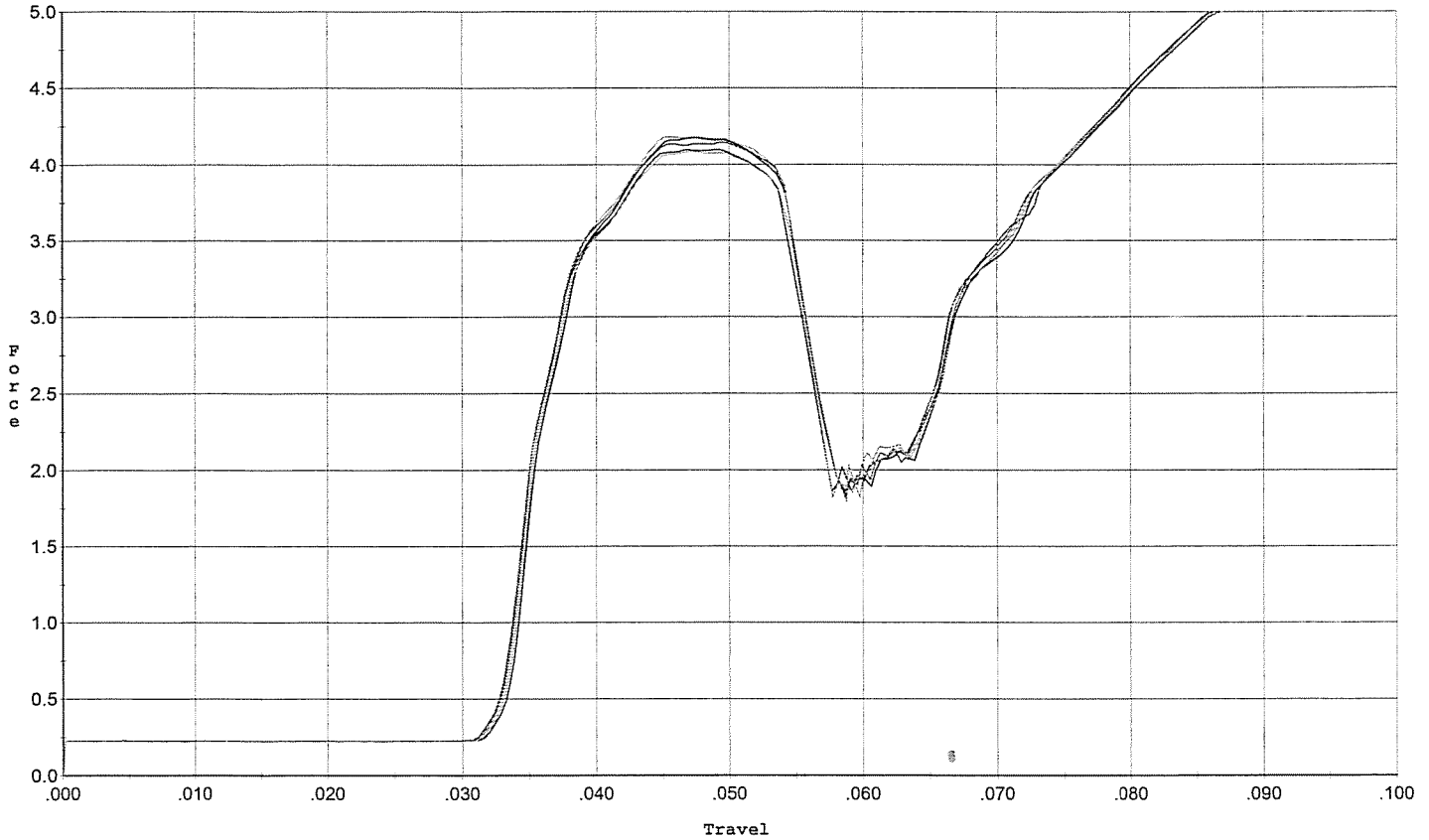


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time
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Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/02/07

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

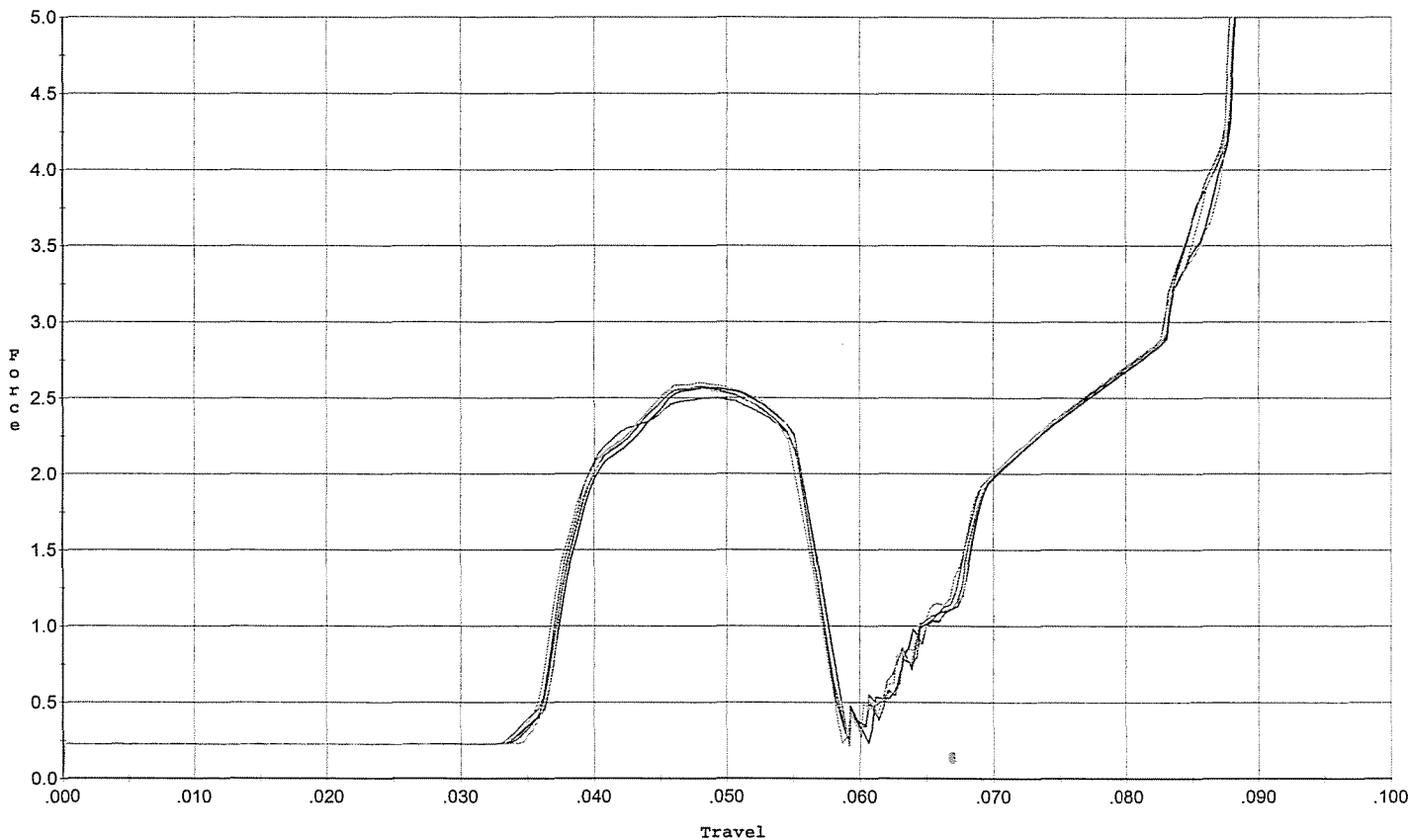


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel
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Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/02/07

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

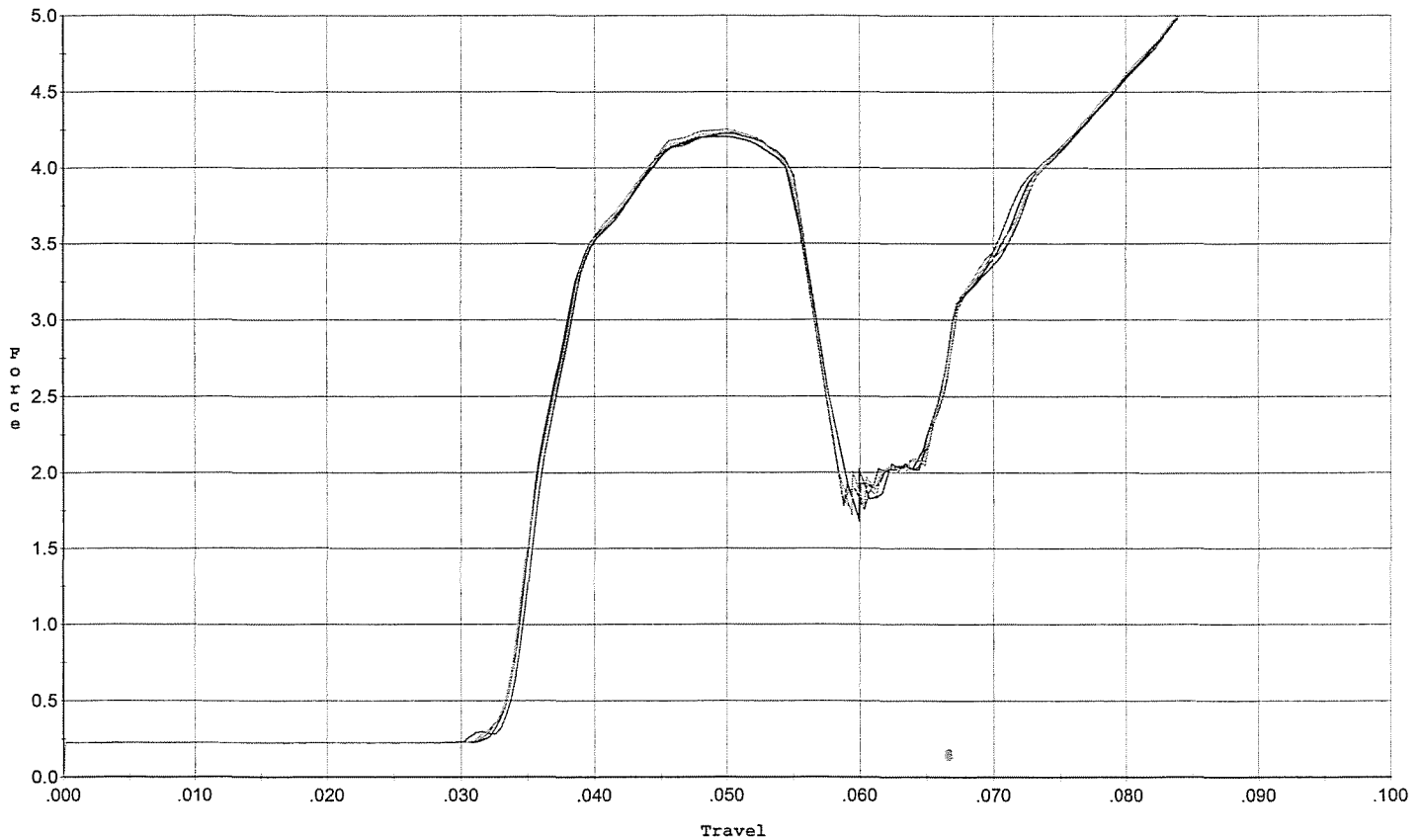


#	Peak Force	Travel To Actuate	Initial Take-up	Over
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Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/02/07

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



#	Peak Force	Travel To
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SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349054.___0

FILE DATE AND TIME: 11/30/2007 11:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.089
The Average Y Centroid of the Five Target Set:	0.045
The Average Point of Impact of the Five Target Set:	0.099
The Average Mean Radius of the Five Target Set:	0.713
The Distance from POA to Centroid Target #1:	0.276
The Distance from Centroid Target #2 to Centroid Target #1:	0.260
The Distance from Centroid Target #3 to Centroid Target #1:	0.205
The Distance from Centroid Target #4 to Centroid Target #1:	0.179
The Distance from Centroid Target #5 to Centroid Target #1:	0.335

SERIAL NUMBER: C6349054.____0
TARGET NUMBER: 1
FILE DATE: 11/30/2007
FILE TIME: 11:26

X CENTROID: 0.276
Y CENTROID: 0.006
POA TO CENTROID: 0.276
HORZ SPREAD: 2.155
VERT SPREAD: 1.718
GROUP SPREAD: 2.224
MIN RADIUS: 0.301
MAX RADIUS: 1.407
MEAN RADIUS: 0.804
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.956	-0.684
2:	0.782	-0.681
3:	1.680	0.094
4:	0.495	1.034
5:	-0.366	0.967
6:	-0.240	0.228
7:	-0.021	-0.048
8:	0.182	-0.362
9:	-0	

SERIAL NUMBER: C6349054. __0
TARGET NUMBER: 2
FILE DATE: 11/30/2007
FILE TIME: 11:26

X CENTROID: 0.025
Y CENTROID: 0.074
POA TO CENTROID: 0.079
HORZ SPREAD: 1.038
VERT SPREAD: 1.884
GROUP SPREAD: 1.964
MIN RADIUS: 0.278
MAX RADIUS: 1.015
MEAN RADIUS: 0.649
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.415	-0.863
2:	0.258	-0.552
3:	0.464	0.189
4:	0.515	0.307
5:	-0.523	-0.545
6:	-0.408	-0.313
7:	0.040	0.352
8:	-0.333	0.400
9		

SERIAL NUMBER: C6349054. __0

TARGET NUMBER: 3

FILE DATE: 11/30/2007

FILE TIME: 11:26

X CENTROID: 0.101

Y CENTROID: 0.113

POA TO CENTROID: 0.152

HORZ SPREAD: 2.101

VERT SPREAD: 2.666

GROUP SPREAD: 2.750

MIN RADIUS: 0.165

MAX RADIUS: 1.983

MEAN RADIUS: 0.787

IN

SERIAL NUMBER: C6349054. __0

TARGET NUMBER: 4

FILE DATE: 11/30/2007

FILE TIME: 11:26

X CENTROID: 0.098

Y CENTROID: -0.019

POA TO CENTROID: 0.100

HORZ SPREAD: 2.424

VERT SPREAD: 1.123

GROUP SPREAD: 2.490

MIN RADIUS: 0.339

MAX RADIUS: 1.292

MEAN RADIUS: 0.70

SERIAL NUMBER: C6349054. __0

TARGET NUMBER: 5

FILE DATE: 11/30/2007

FILE TIME: 11:26

POINT#	X	Y
1:	0.830	0.058
2:	0.582	-0.055
3:	0.468	-0.416
4:	0.376	0.553
5:	-0.391	0.583
6:	-0.896	0.523
7:	-0.307	0.103
8:	-0.146	-0.055
9:	-0.380	-0.184
10:	-0.701	-0.621

X CENTROID: -0.057

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6349054.___0

FILE DATE AND TIME: 01/20/2004 07:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.046
The Average Y Centroid of the Five Target Set:	0.226
The Average Point of Impact of the Five Target Set:	0.231
The Average Mean Radius of the Five Target Set:	0.803
The Distance from POA to Centroid Target #1:	0.290
The Distance from Centroid Target #2 to Centroid Target #1:	0.081
The Distance from Centroid Target #3 to Centroid Target #1:	0.255
The Distance from Centroid Target #4 to Centroid Target #1:	0.146
The Distance from Centroid Target #5 to Centroid Target #1:	0.191

SERIAL NUMBER: C6349054. 0
TARGET NUMBER: 1
FILE DATE: 01/20/2004
FILE TIME: 07:43

X CENTROID: -0.043
Y CENTROID: 0.287
POA TO CENTROID: 0.290
HORZ SPREAD: 1.595
VERT SPREAD: 2.848
GROUP SPREAD: 2.989
MIN RADIUS: 0.291
MAX RADIUS: 1.799
MEAN RADIUS: 0.839
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.211	0.607
2:	0.172	0.483
3:	-0.569	0.243
4:	-0.369	0.130
5:	-0.589	0.963
6:	-0.838	0.646
7:	0.756	1.899
8:	0.190	-0.325
9:	-0.150	-0

SERIAL NUMBER: C6349054. __0
 TARGET NUMBER: 2
 FILE DATE: 01/20/2004
 FILE TIME: 07:43

X CENTROID: 0.006
 Y CENTROID: 0.351
 POA TO CENTROID: 0.351
 HORZ SPREAD: 1.584
 VERT SPREAD: 2.873
 GROUP SPREAD: 2.917
 MIN RADIUS: 0.187
 MAX RADIUS: 1.701
 MEAN RADIUS: 0.913
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.133	0.489
2:	0.182	0.252
3:	-0.199	0.066
4:	-0.295	-0.345
5:	-0.761	-0.841
6:	-0.196	-0.807
7:	0.526	-0.3

SERIAL NUMBER: C6349054. 0
 TARGET NUMBER: 3
 FILE DATE: 01/20/2004
 FILE TIME: 07:43

X CENTROID: 0.162
 Y CENTROID: 0.135
 POA TO CENTROID: 0.211
 HORZ SPREAD: 1.952
 VERT SPREAD: 2.901
 GROUP SPREAD: 2.916
 MIN RADIUS: 0.132
 MAX RADIUS: 1.585
 MEAN RADIUS: 0.798
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.505	1.452
2:	1.110	-0.026
3:	0.393	-0.642
4:	0.211	-1.449
5:	-0.006	-0.349
6:	0.253	0.231
7:	0.349	

SERIAL NUMBER: C6349054. __0
TARGET NUMBER: 4
FILE DATE: 01/20/2004
FILE TIME: 07:43

X CENTROID: 0.099
Y CENTROID: 0.253
POA TO CENTROID: 0.272
HORZ SPREAD: 1.563
VERT SPREAD: 1.639
GROUP SPREAD: 1.684
MIN RADIUS: 0.311
MAX RADIUS: 0.986
MEAN RADIUS: 0.691
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.341	1.117
2:	0.097	0.856
3:	0.925	0.791
4:	-0.638	0.658
5:	-0.153	0.434
6:	-0.337	0.040
7:	0.655	-0.013
8:	0.253	-0.478
9		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06349054
26 Feb 1990

CENTROIDAL DISTANCES

0 TO	1	.105948
1 TO	2	.312623
1 TO	3	.379301
1 TO	4	.547161
1 TO	5	.161533

$\frac{4}{0.0413}$ (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0504
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0414
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0652236
THE SQR FOR THIS RIFLE IS: .8112

