

66749166

**M/24 7.62 NATO S.W.S.
BOLT ACTION CENTERFIRE RIFLE
24" BARREL WITH MARS RAIL
COMPLETE SYSTEM - LE/EXPORT**

98606 - M-24 OPERATORS MANUAL
96229 - SWS SLING STRAP ASSEMBLY
96117 - TRS BI POD ASSB
96082 SCOPE RING ASSEMBLY
400061 SCOPE RING ASSEMBLY 306-09

BM FORM 1692

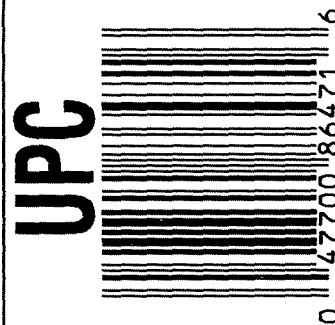


ORDER NO. 86471

BARREL LENGTH 24"

CAPACITY 6

G6749166



GUN SERIAL # G6749166

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420	ASSEMBLE ACTION		6-12-08	RP
430	ASSEMBLE TO STOCK		6-13-08	SP
440	PROOF		6-13-08	SD
460	CHECK HEADSPACE		6-13-08	SD
470	DIS-ASSEMBLE ACTION	MAGNA - FLUX	6-13-08	RP
472	SERIALIZE BOLT HANDLE		6-16-08	RP
475	DRILL AND TAP SIGHT HOLES		6-17-08	SP
480	MAGNAFLUX BBL ACTION	OPERATOR <i>unus</i>	6/18/08	<i>unus</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		6/18/08	RP
520	GOFF BLAST BBL / REC		6/18/08	RP
542	APPLY COATINGS (BARREL ACTION)		6/19/08	<i>unus</i>
545	(BOLT)			
560	RE-ASSEMBLE ACTION		6/19/08	RP
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		6/19/08	RP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		6/19/08	RP
	D) OIL FIRING PIN ASSEMBLY		6-24-08	ESN
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

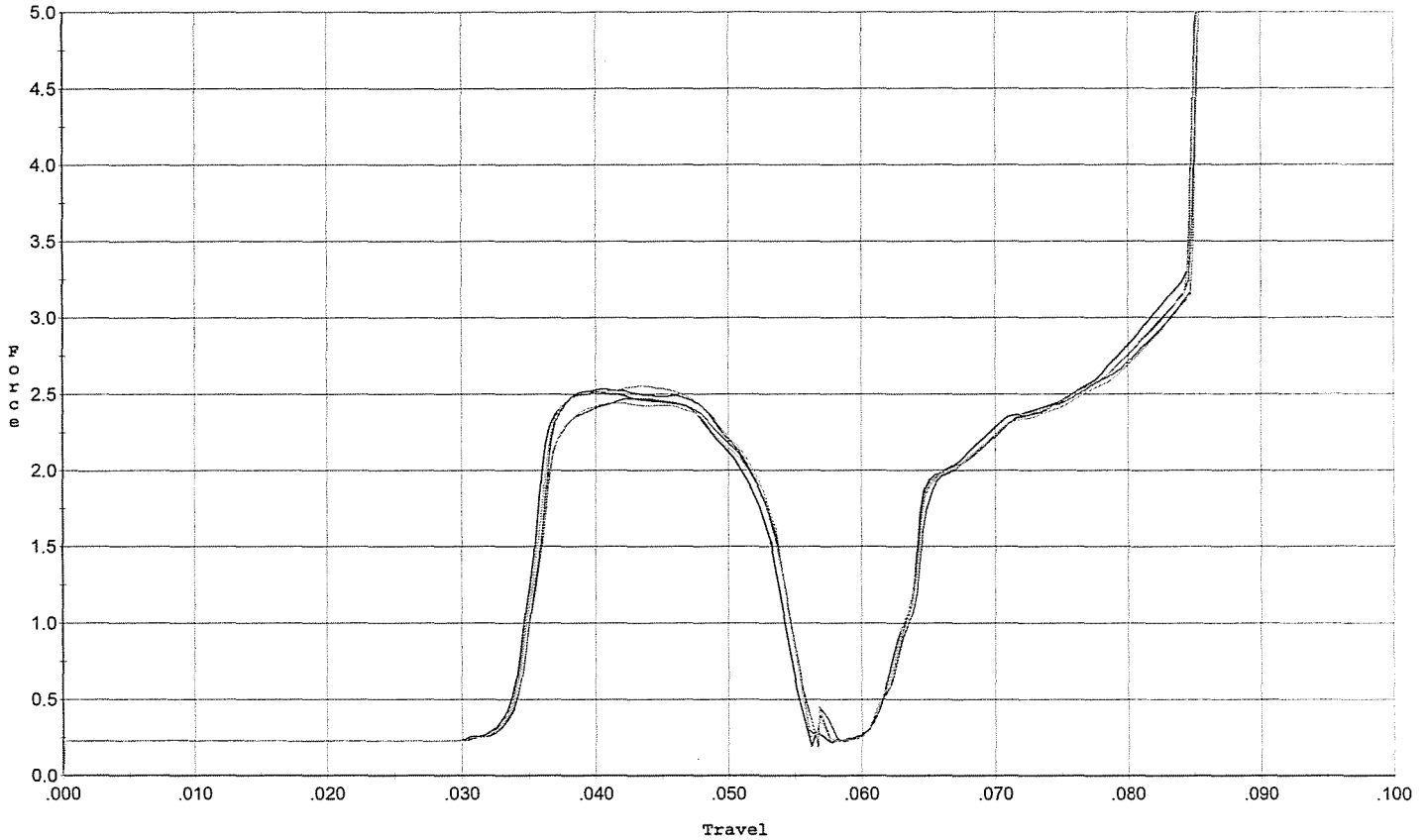
F004 REV 5/2006

BARBER - M24 0137999								
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7°</u>	<u>6°</u>	<u>7°</u>	6-26-08	RTZ	
CONT.								
	G) SAFETY OFF FORCE	2 LBS MIN	<u>4°</u>	<u>4°</u>	<u>4°</u>	6-26-08	RTZ	
	H) TRIGGER PULL TEST AND RETAINABILITY							
	I) FIRING PIN INDENT	.020 MIN	<u>022</u>	<u>022</u>	<u>022</u>	6-26-08	RTZ	
	J) ASSEMBLE STOCK					6-27-08	PSW	
	K) ASSEMBLE SWIVEL STUDS					6-27-08	PSW	
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					6-27-08	PSW	
	M) IRON SIGHT ALIGNMENT					6-27-08	PSW	
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					6-27-08	PSW	
640 & 650	FUNCTION TEST AND TARGET		PASS	FAIL				
			PASS	FAIL		6-26-08	TRW	
	MALFUNCTION		CORRECTION					
	MALFUNCTION		CORRECTION					
	MALFUNCTION		CORRECTION					
	MALFUNCTION		CORRECTION					
660	INSPECT FOR LIVE AMMO					6-26-08	CHS	
670	FINAL INSPECTION A) HEADSPACE					6-27-08	PSW	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>255</u>	<u>250</u>	<u>246</u>	<u>246</u>	6-26-08	RTZ
	C) FUNCTION							
690	PACK					6/30/08	RP	

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/28/08

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



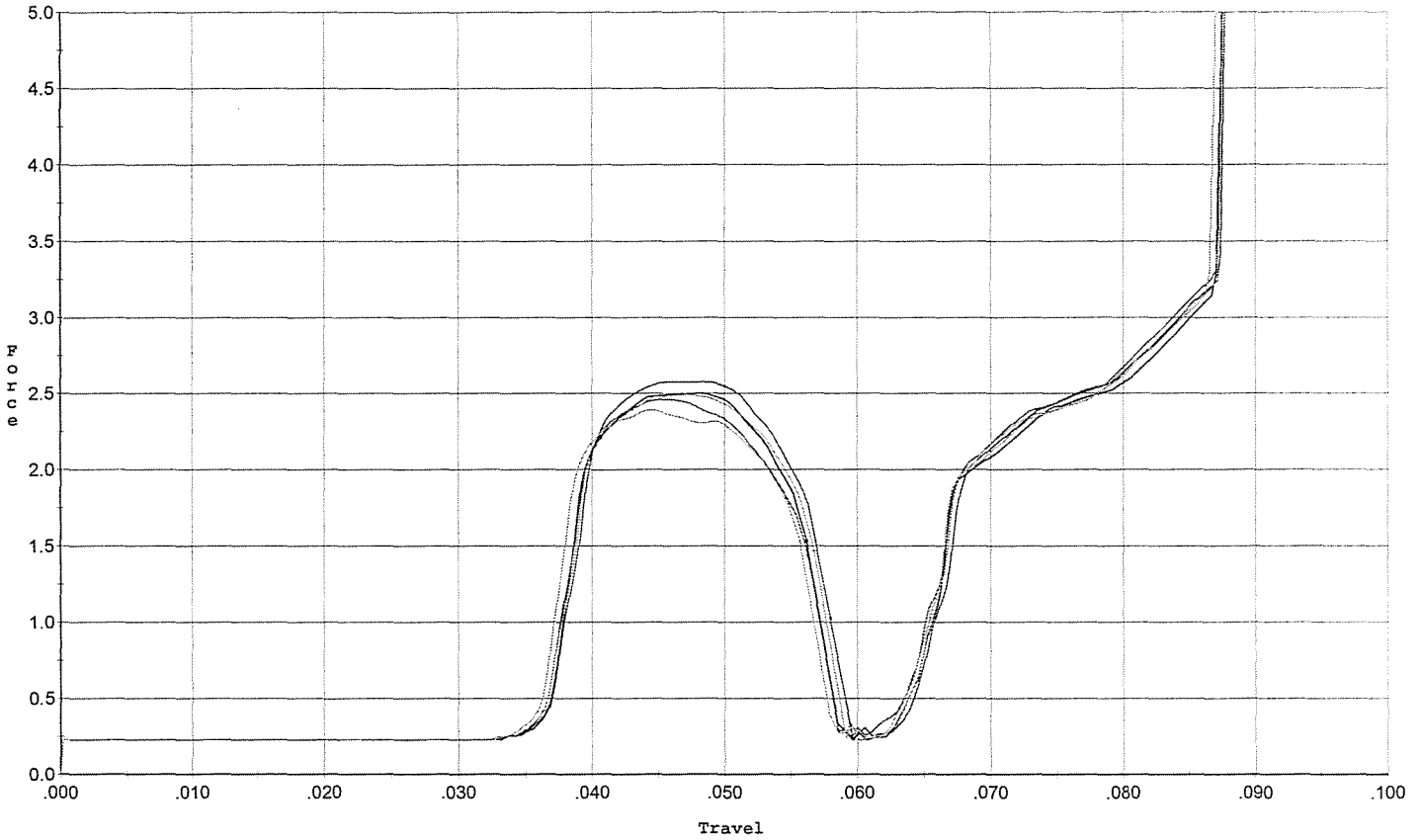
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.536	0.054	0.034	0.036	0.051		Set Trigger
2	2.516	0.053	0.033	0.036	0.050		Set Trigger
3	2.469	0.054	0.034	0.036	0.050		Set Trigger
4	2.442	0.054	0.034	0.036	0.050		Set Trigger
5	2.552	0.054	0.034	0.036	0.052		Set Trigger

AVG 2.50

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/28/08

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



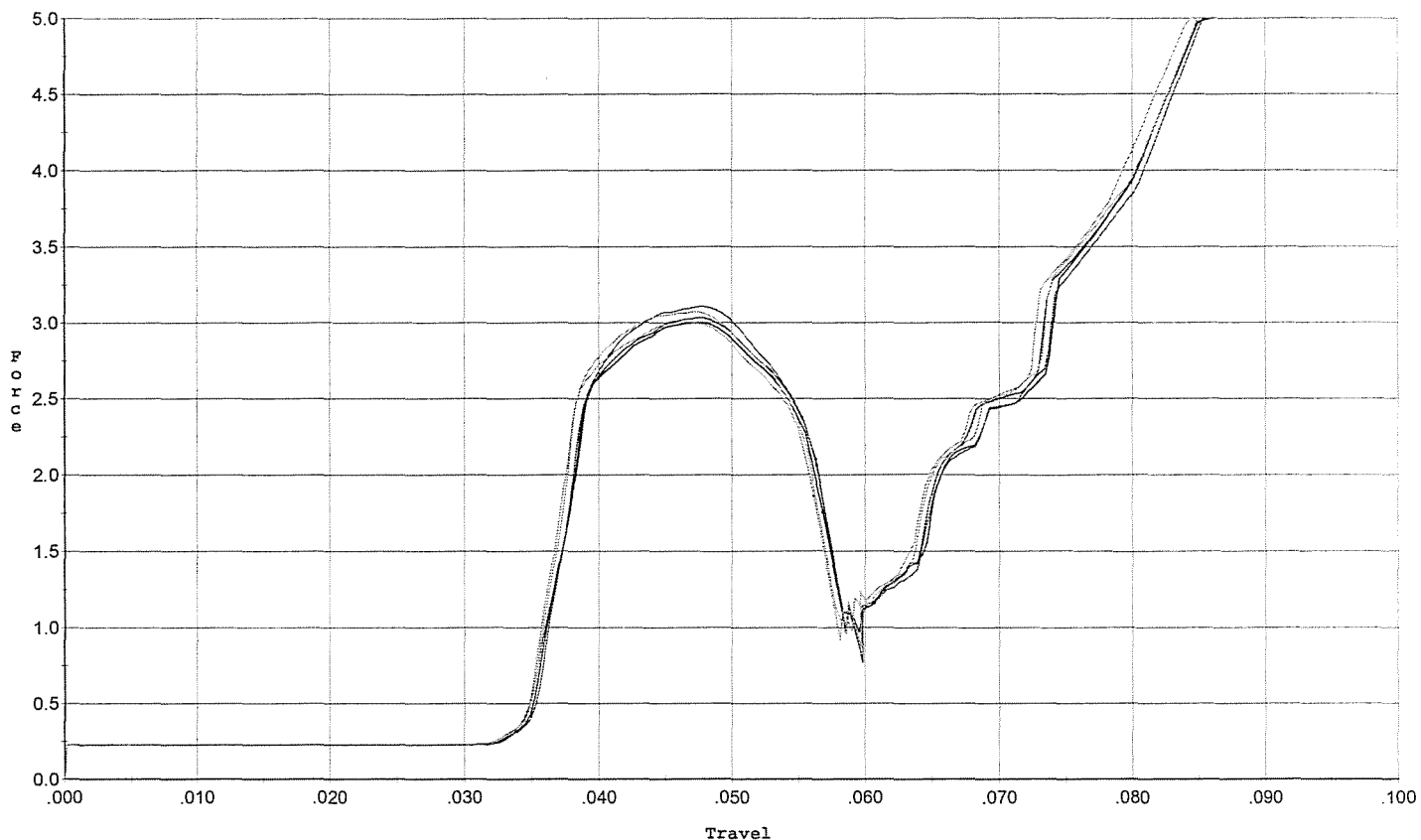
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.577	0.058	0.037	0.037	0.054		Set Trigger
2	2.501	0.056	0.037	0.037	0.050		Set Trigger
3	2.461	0.056	0.037	0.037	0.049		Set Trigger
4	2.504	0.057	0.036	0.037	0.051		Set Trigger
5	2.393	0.056	0.036	0.037	0.049		Set Trigger

Avg 2.48

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/28/08

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



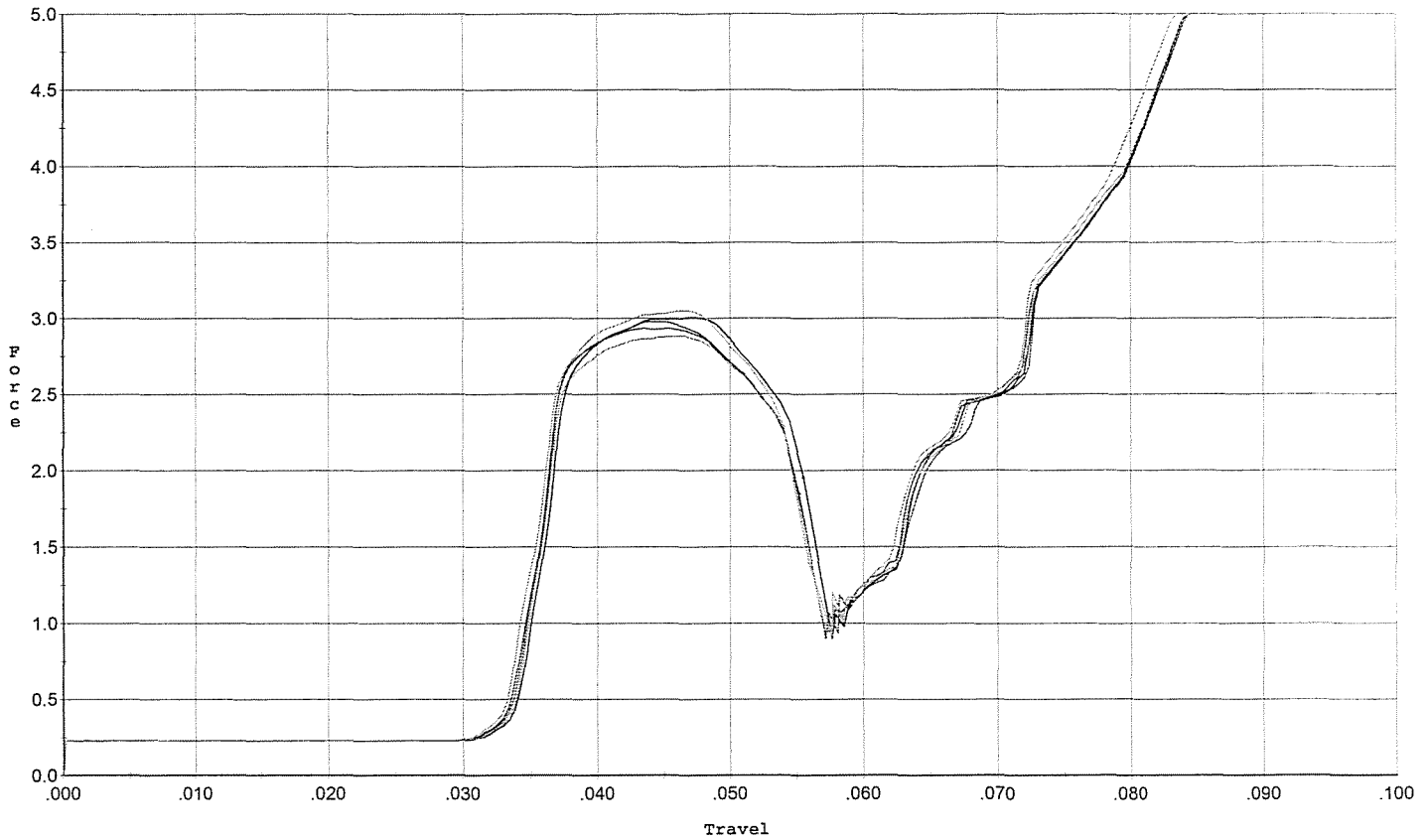
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.034	0.056	0.035	0.036	0.063		Set Trigger
2	2.999	0.057	0.035	0.035	0.062		Set Trigger
3	3.109	0.056	0.035	0.036	0.063		Set Trigger
4	3.072	0.056	0.035	0.036	0.063		Set Trigger
5	3.003	0.056	0.035	0.035	0.062		Set Trigger

AVG 3.04

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/28/08

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



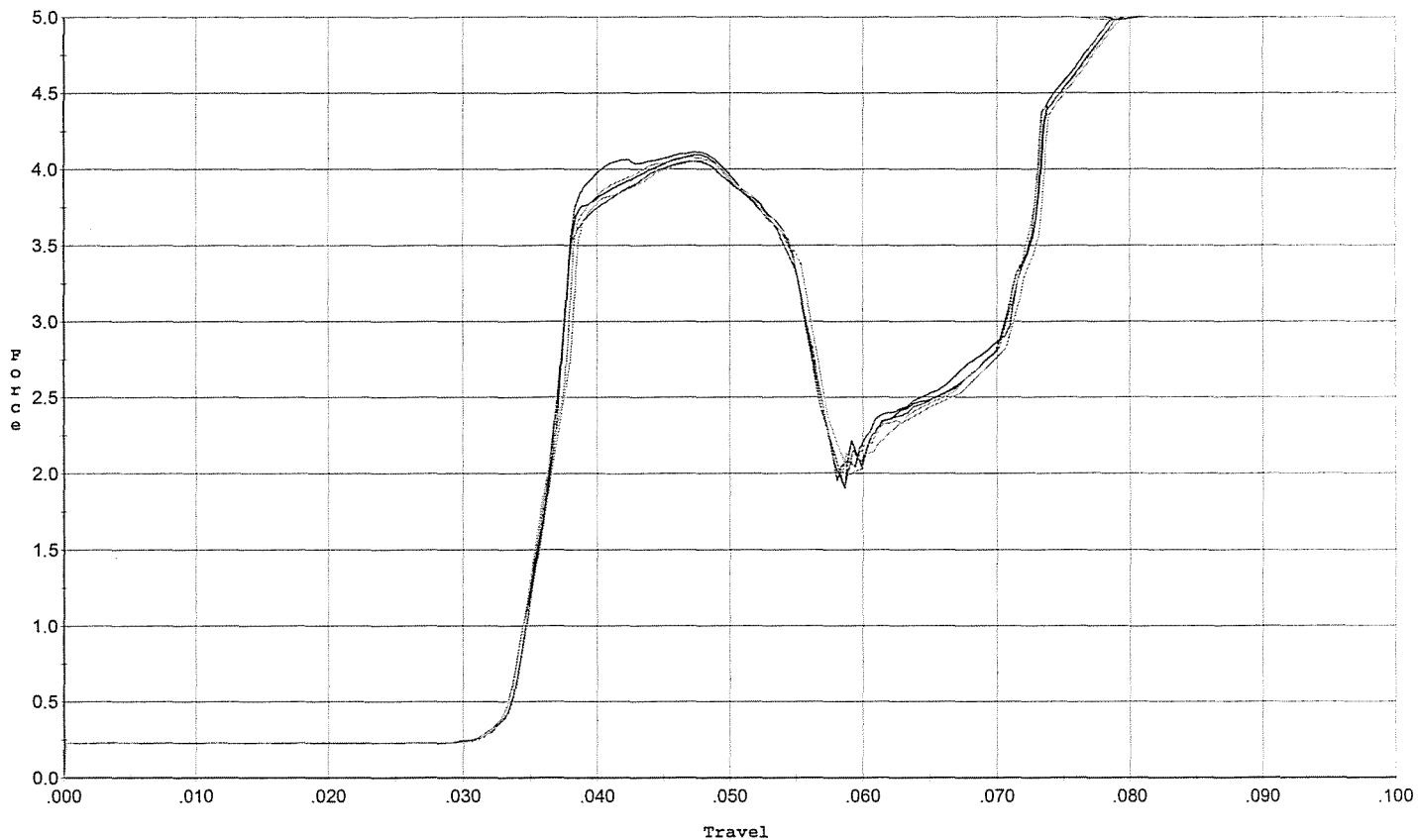
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.978	0.055	0.033	0.035	0.062		Set Trigger
2	3.007	0.056	0.034	0.035	0.063		Set Trigger
3	2.934	0.055	0.033	0.035	0.062		Set Trigger
4	3.053	0.054	0.033	0.035	0.062		Set Trigger
5	2.882	0.055	0.034	0.035	0.061		Set Trigger

Avg 2.97

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/28/08

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



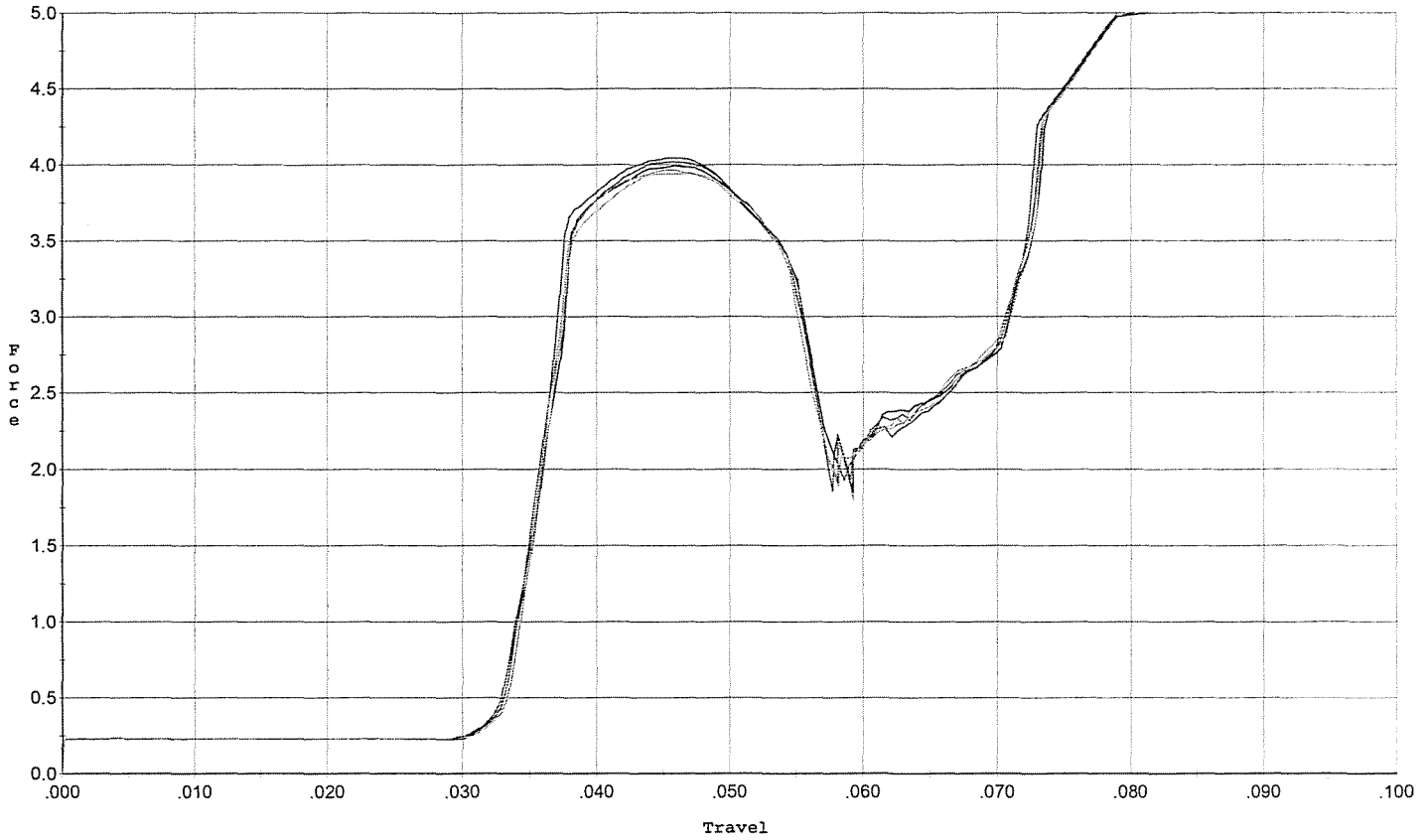
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.113	0.056	0.033	0.032	0.086		Set Trigger
2	4.094	0.055	0.033	0.032	0.083		Set Trigger
3	4.050	0.055	0.033	0.032	0.082		Set Trigger
4	4.058	0.055	0.034	0.032	0.083		Set Trigger
5	4.078	0.056	0.033	0.032	0.086		Set Trigger

Avg 4.07

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/28/08

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



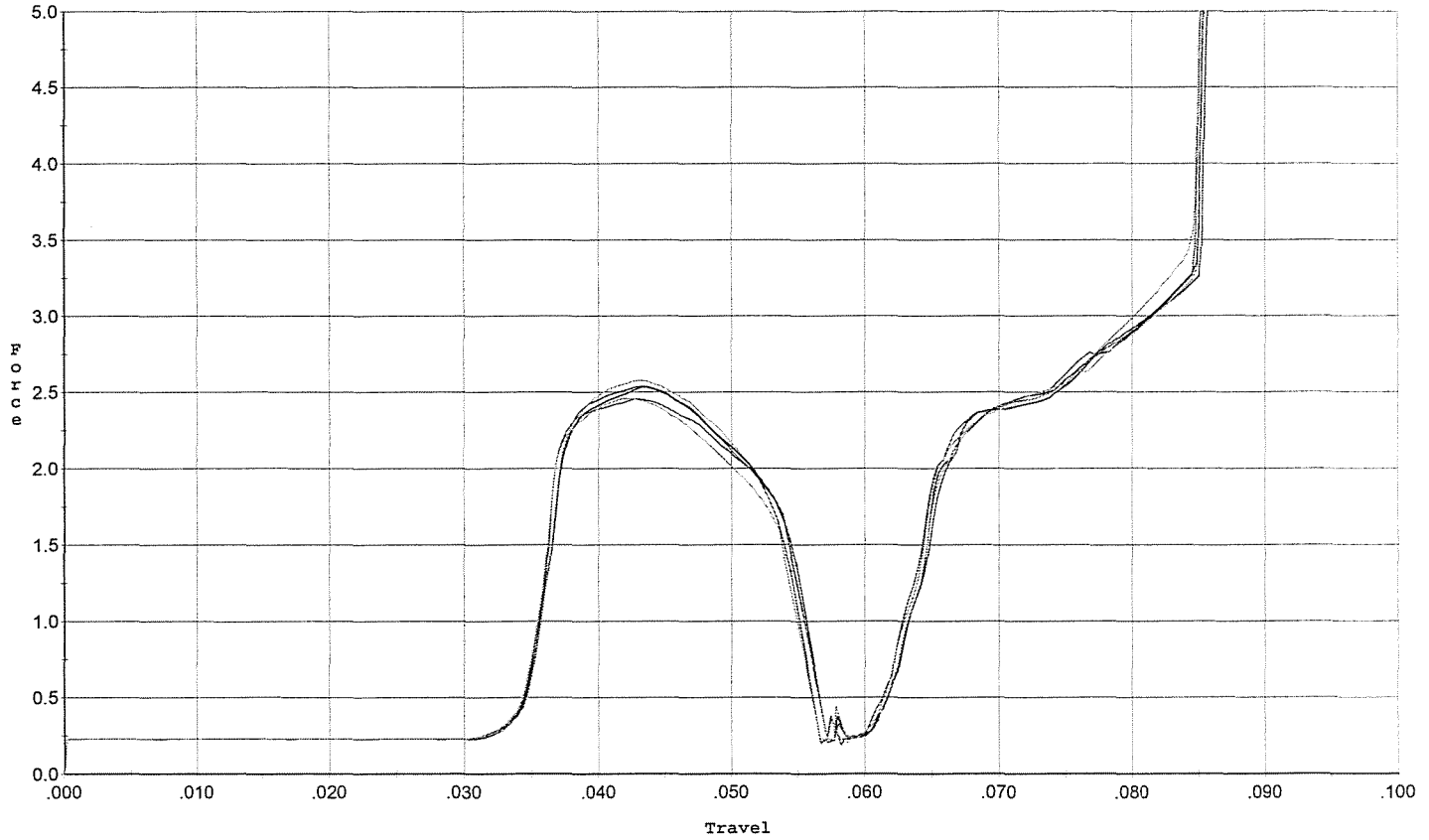
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.046	0.055	0.033	0.032	0.085		Set Trigger
2	3.994	0.055	0.033	0.032	0.083		Set Trigger
3	4.018	0.055	0.033	0.032	0.084		Set Trigger
4	3.945	0.055	0.033	0.032	0.082		Set Trigger
5	3.967	0.054	0.033	0.033	0.081		Set Trigger

Avg 3.99

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/28/08

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



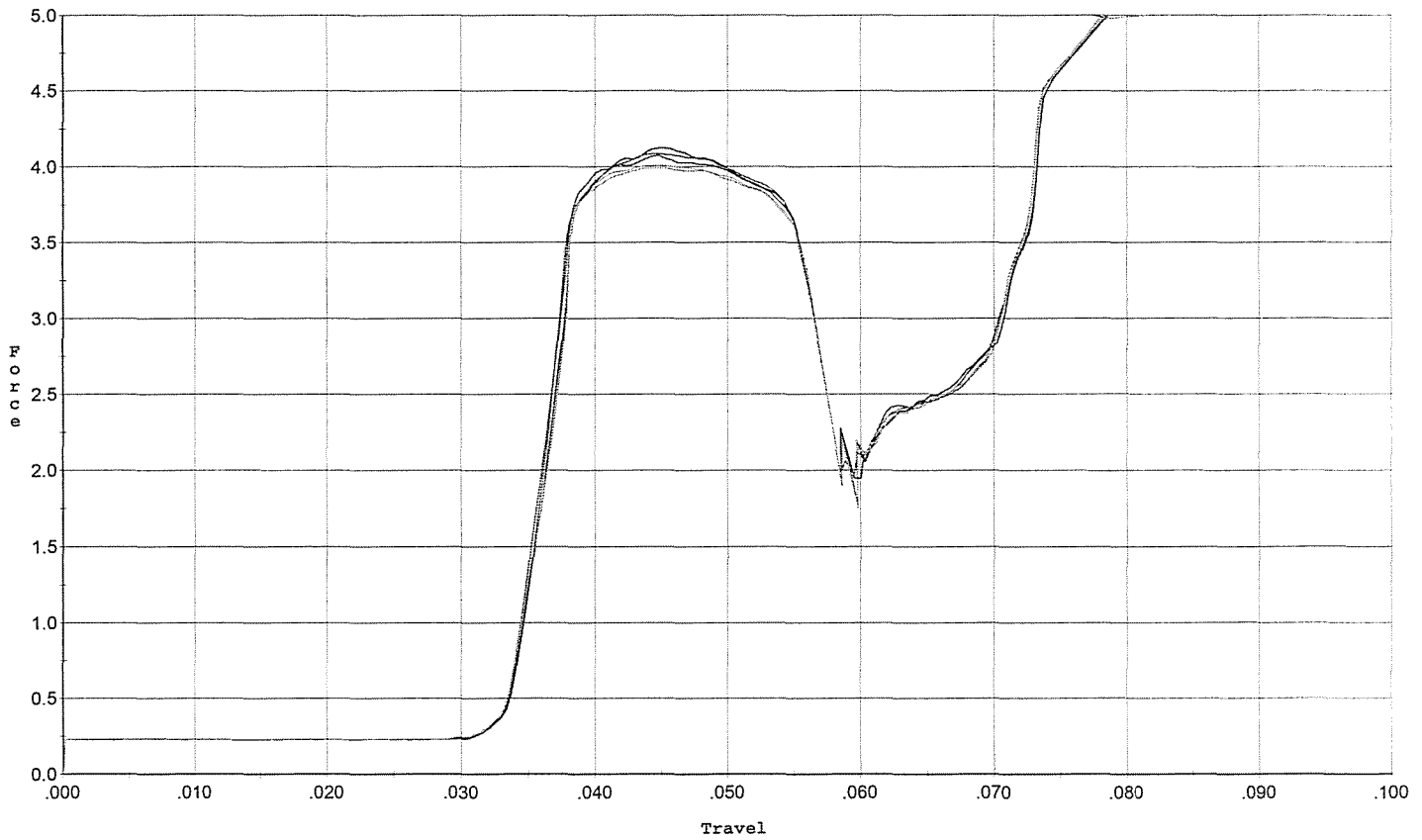
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.538	0.055	0.034	0.036	0.051		Set Trigger
2	2.531	0.055	0.034	0.036	0.051		Set Trigger
3	2.456	0.054	0.034	0.036	0.050		Set Trigger
4	2.577	0.055	0.035	0.036	0.052		Set Trigger
5	2.459	0.055	0.034	0.036	0.049		Set Trigger

Avg 2.51

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/28/08

Model: M/24
Serial No: Form #F005
Trigger: 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	4.075	0.056	0.033	0.032	0.088		Set Trigger
2	4.123	0.056	0.033	0.032	0.088		Set Trigger
3	4.086	0.056	0.033	0.032	0.089		Set Trigger
4	4.010	0.056	0.033	0.032	0.087		Set Trigger
5	3.991	0.056	0.033	0.032	0.086		Set Trigger

Avg 4.05

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6749166.___0
FILE DATE AND TIME: 07/02/2008 09:54

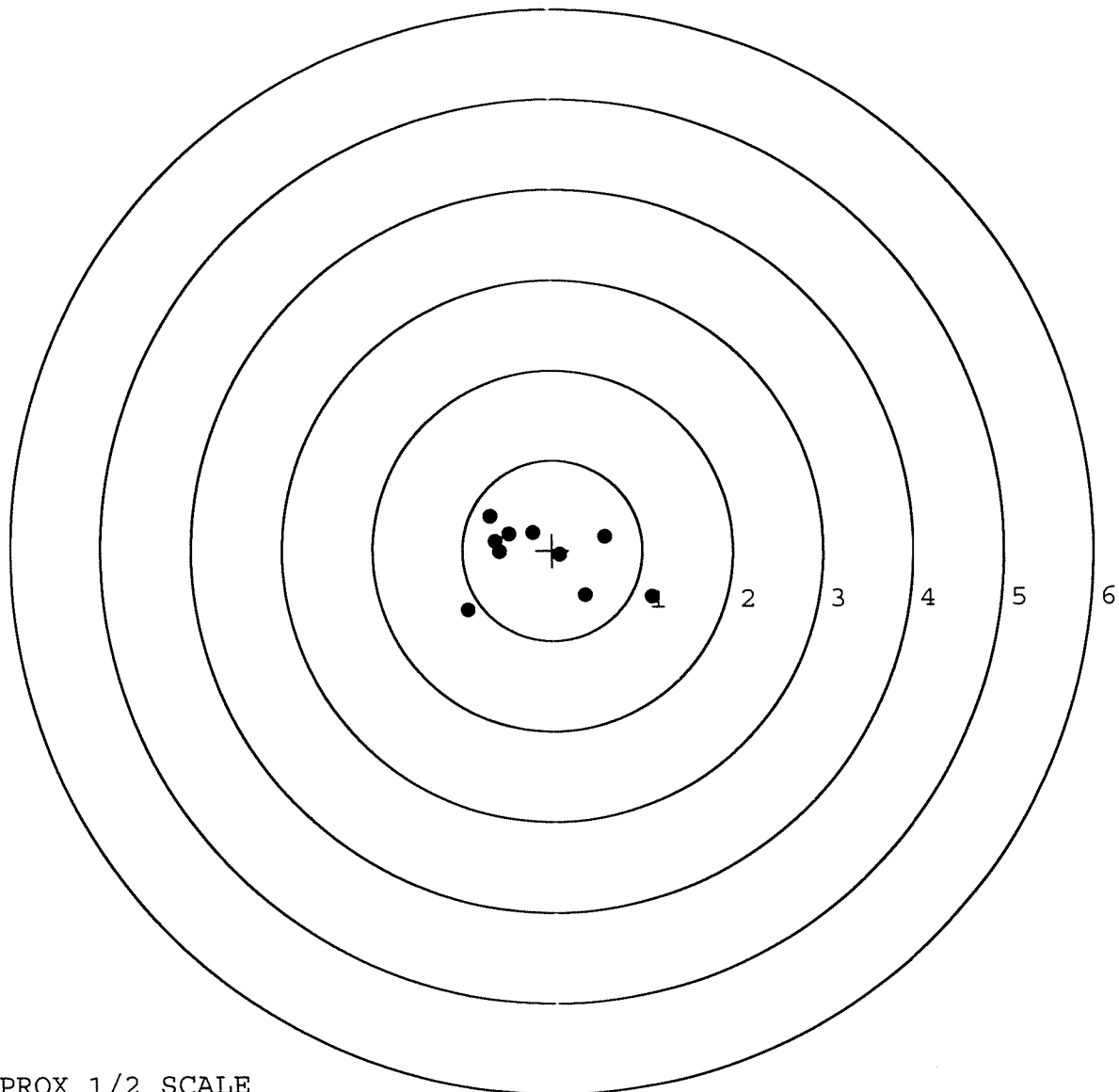
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.058
The Average Y Centroid of the Five Target Set:	-0.071
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	0.640
The Distance from POA to Centroid Target #1:	0.160
The Distance from Centroid Target #2 to Centroid Target #1:	0.124
The Distance from Centroid Target #3 to Centroid Target #1:	0.300
The Distance from Centroid Target #4 to Centroid Target #1:	0.091
The Distance from Centroid Target #5 to Centroid Target #1:	0.071

SERIAL NUMBER: G6749166. 0
 TARGET NUMBER: 1
 FILE DATE: 07/02/2008
 FILE TIME: 09:54

X CENTROID: -0.143
 Y CENTROID: -0.072
 POA TO CENTROID: 0.160
 HORZ SPREAD: 2.051
 VERT SPREAD: 1.037
 GROUP SPREAD: 2.055
 MIN RADIUS: 0.225
 MAX RADIUS: 1.327
 MEAN RADIUS: 0.635
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.105	-0.522
2:	0.362	-0.495
3:	0.582	0.148
4:	0.081	-0.048
5:	-0.216	0.198
6:	-0.486	0.185
7:	-0.591	-0.016
8:	-0.635	0.103
9:	-0.687	0.381
10:	-0.946	-0.656

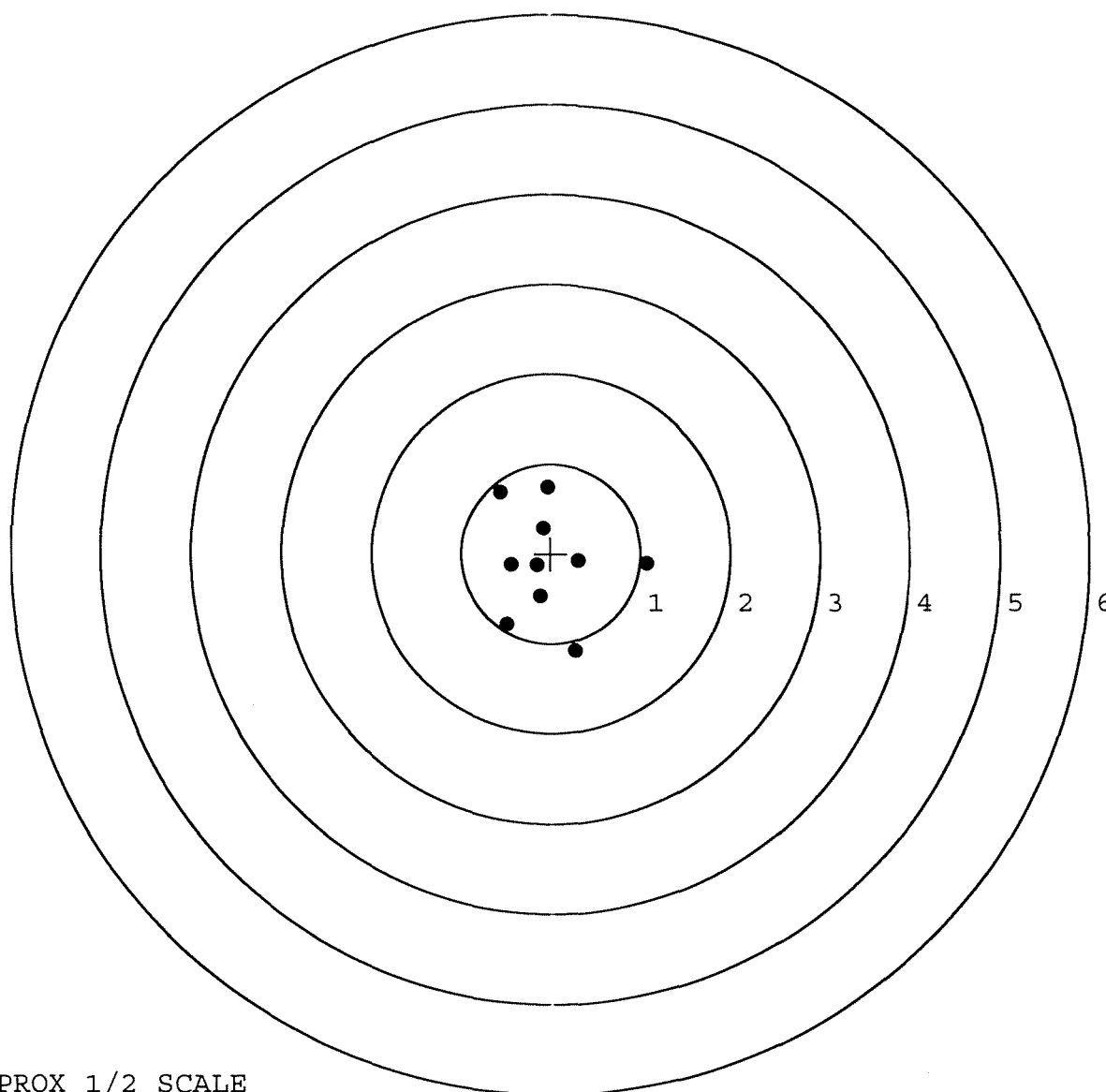


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6749166. 0
 TARGET NUMBER: 2
 FILE DATE: 07/02/2008
 FILE TIME: 09:54

X CENTROID: -0.025
 Y CENTROID: -0.108
 POA TO CENTROID: 0.111
 HORZ SPREAD: 1.638
 VERT SPREAD: 1.823
 GROUP SPREAD: 1.825
 MIN RADIUS: 0.134
 MAX RADIUS: 1.098
 MEAN RADIUS: 0.642
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.278	-1.082
2:	-0.494	-0.787
3:	-0.120	-0.478
4:	-0.157	-0.130
5:	-0.441	-0.121
6:	1.073	-0.116
7:	0.313	-0.080
8:	-0.093	0.284
9:	-0.039	0.741
10:	-0.565	0.689

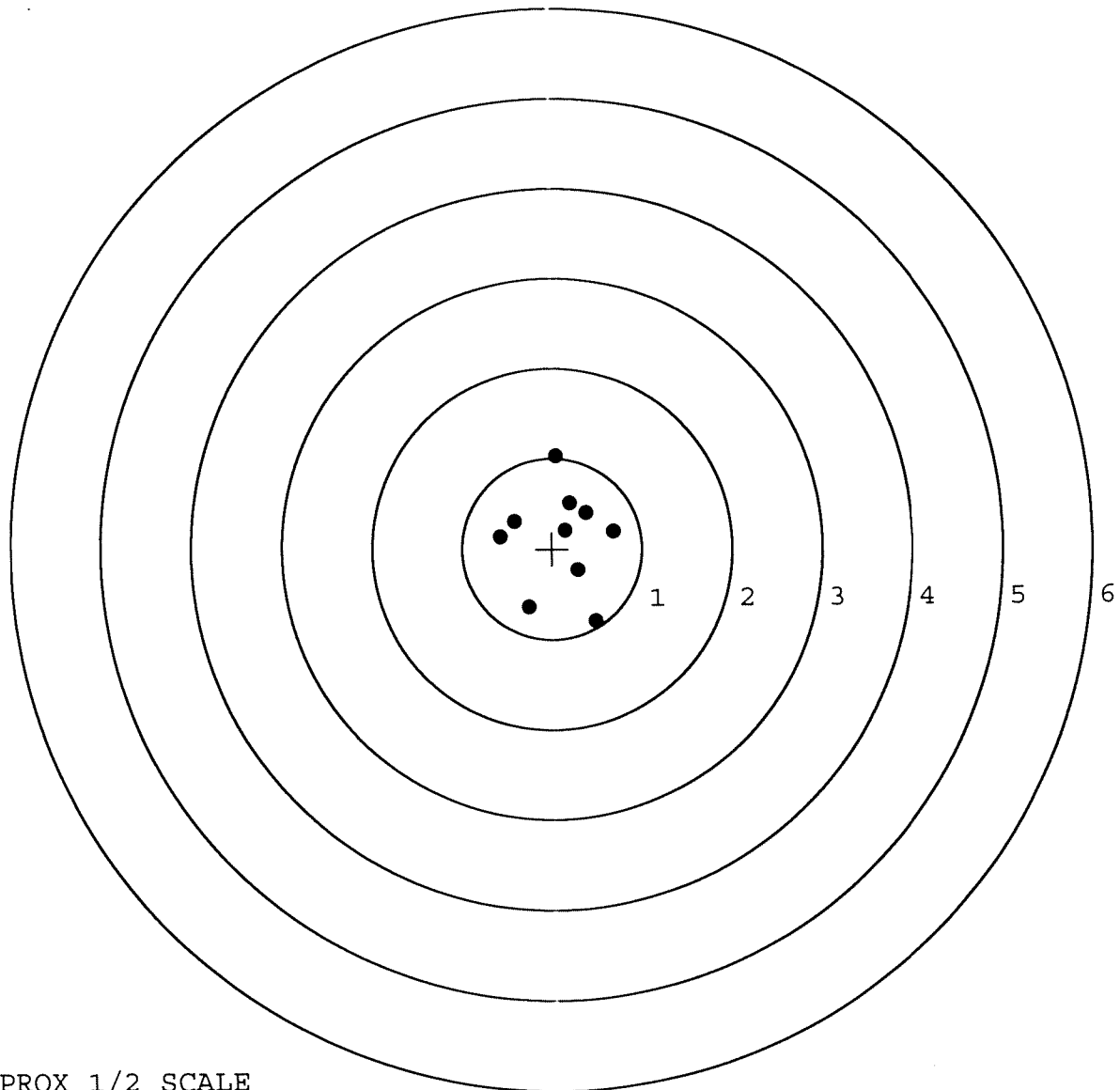


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6749166. 0
 TARGET NUMBER: 3
 FILE DATE: 07/02/2008
 FILE TIME: 09:54

X CENTROID: 0.097
 Y CENTROID: 0.107
 POA TO CENTROID: 0.145
 HORZ SPREAD: 1.259
 VERT SPREAD: 1.823
 GROUP SPREAD: 1.873
 MIN RADIUS: 0.107
 MAX RADIUS: 0.985
 MEAN RADIUS: 0.587
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.480	-0.800
2:	-0.263	-0.650
3:	0.291	-0.234
4:	0.683	0.191
5:	-0.420	0.301
6:	-0.576	0.140
7:	0.048	1.023
8:	0.201	0.504
9:	0.382	0.396
10:	0.148	0.202

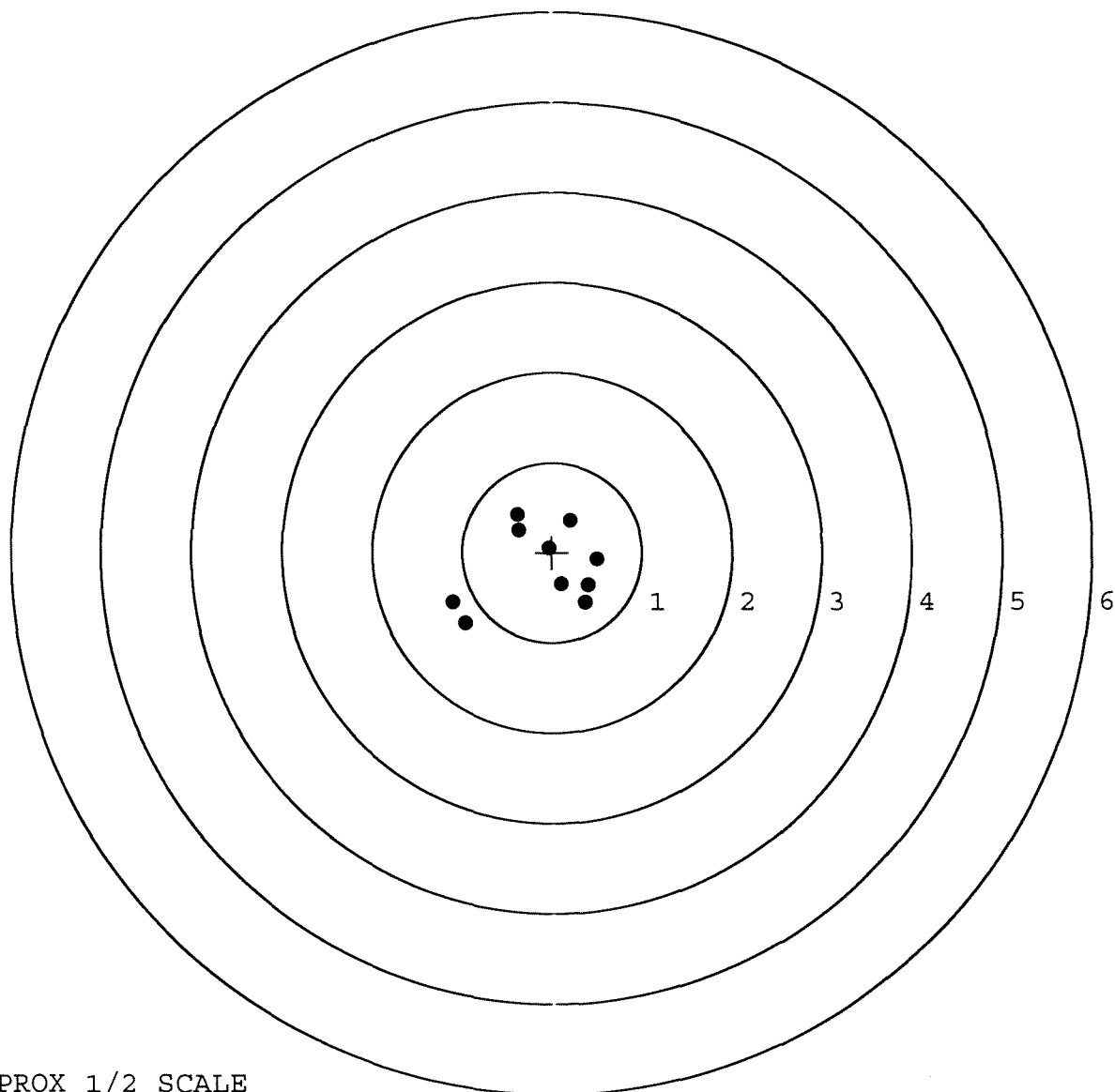


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6749166. __0
 TARGET NUMBER: 4
 FILE DATE: 07/02/2008
 FILE TIME: 09:54

POINT#	X	Y
1:	0.367	-0.557
2:	0.403	-0.365
3:	0.106	-0.354
4:	0.502	-0.078
5:	0.206	0.356
6:	-0.038	0.053
7:	-0.387	0.423
8:	-0.377	0.252
9:	-1.109	-0.556
10:	-0.972	-0.792

X CENTROID: -0.130
 Y CENTROID: -0.162
 POA TO CENTROID: 0.207
 HORZ SPREAD: 1.611
 VERT SPREAD: 1.215
 GROUP SPREAD: 1.680
 MIN RADIUS: 0.234
 MAX RADIUS: 1.055
 MEAN RADIUS: 0.623
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

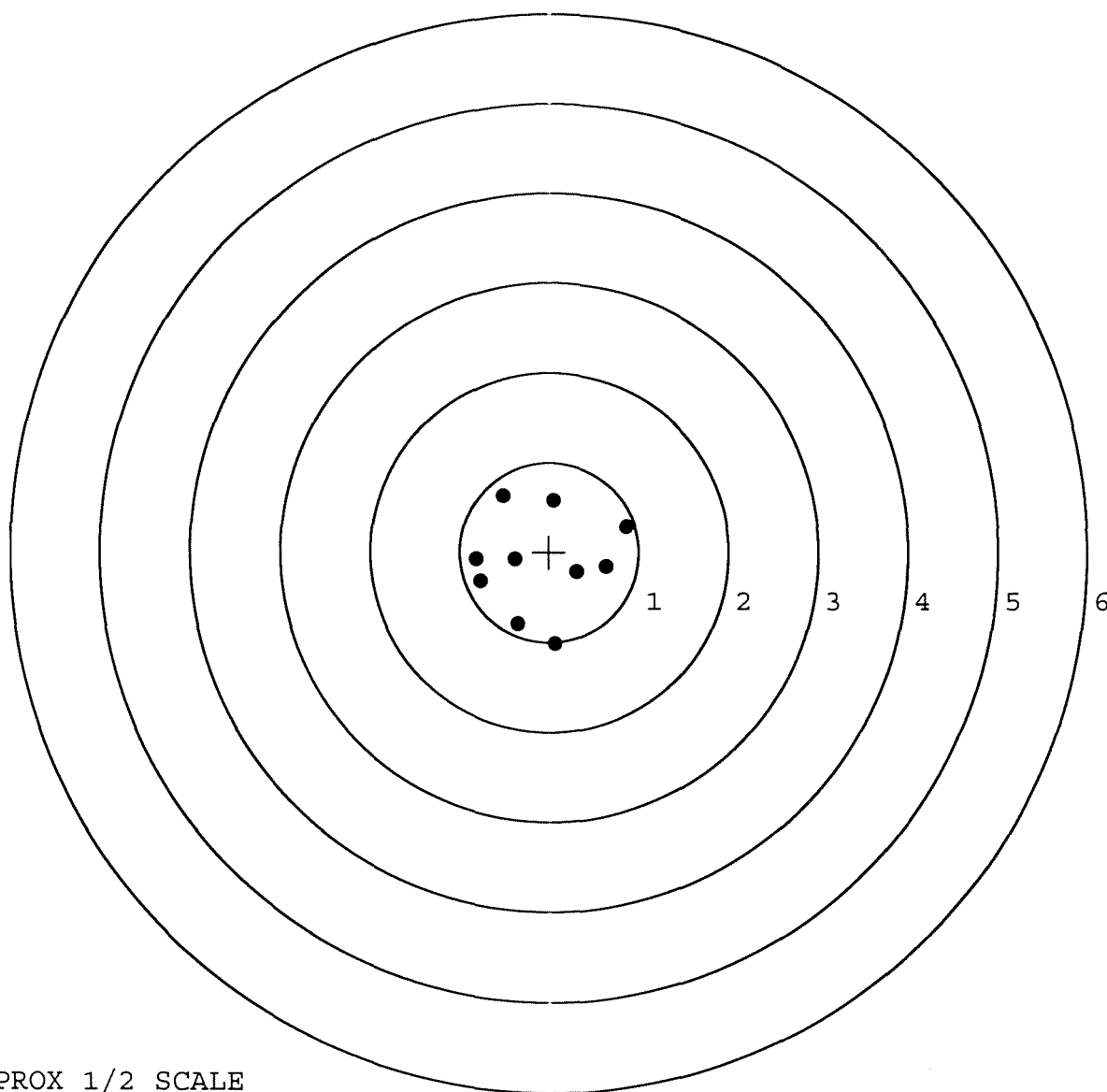


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6749166. __0
 TARGET NUMBER: 5
 FILE DATE: 07/02/2008
 FILE TIME: 09:54

POINT#	X	Y
1:	0.860	0.285
2:	0.637	-0.164
3:	0.313	-0.223
4:	0.068	-1.026
5:	-0.355	-0.803
6:	-0.385	-0.086
7:	-0.814	-0.081
8:	-0.771	-0.321
9:	0.050	0.579
10:	-0.516	0.630

X CENTROID: -0.091
 Y CENTROID: -0.121
 POA TO CENTROID: 0.152
 HORZ SPREAD: 1.674
 VERT SPREAD: 1.656
 GROUP SPREAD: 1.740
 MIN RADIUS: 0.296
 MAX RADIUS: 1.034
 MEAN RADIUS: 0.714
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE