

G-6637720

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

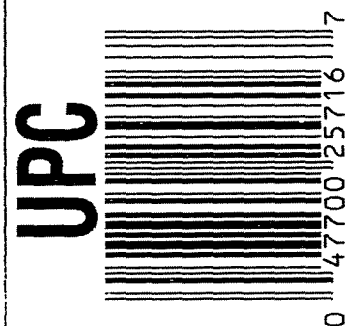
- INSTRUCTION BOOK 3518

DD FORM



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6637720



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC

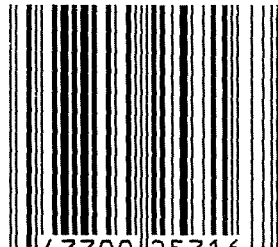


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ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



0 47700 25716 7

SERIAL NO.



66637720

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6637720

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-5-07	RTZ
420	ASSEMBLE ACTION		3-5-07	RTZ
430	ASSEMBLE TO STOCK		3-7-07	TRW
440	PROOF		3-7-07	Fm
460	CHECK HEADSPACE	INSPECTED	3-7-07	Fm
470	DIS-ASSEMBLE ACTION	MAR 08 2007	3-7-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>APD</u>	3-8-07	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-8-07	CW
510	DRILL AND TAP SIGHT HOLES		3-7-07	SD
520	GOFF BLAST BBL / REC		3-8-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-12-07	LB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		3-13-07	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-13-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-13-07	SD
	D) OIL FIRING PIN ASSEMBLY		3-14-07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		3-16-07	mom

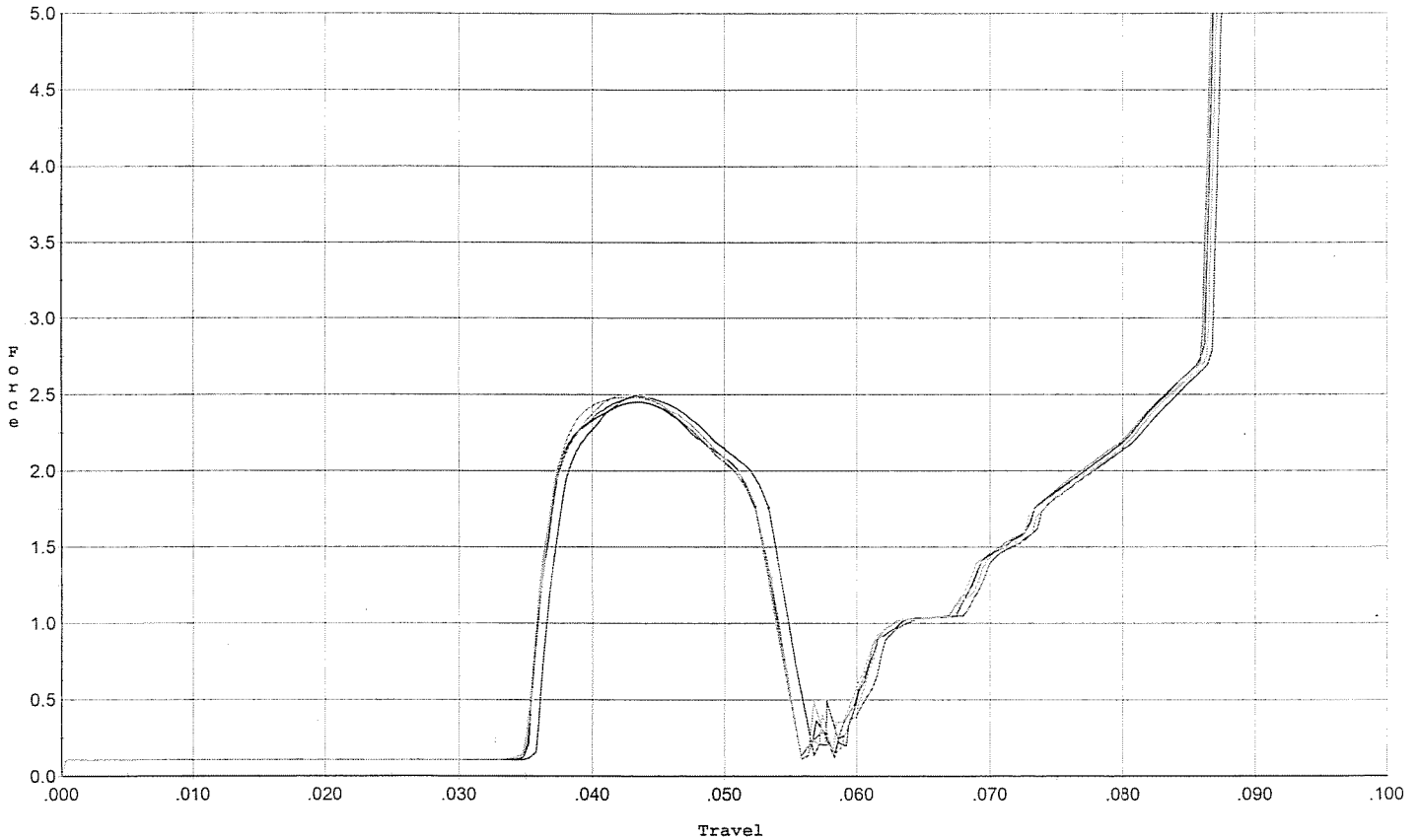
F004 REV 5/2006

560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6.5</u>	<u>6.0</u>	<u>6.0</u>	3-16-07	nom		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>3.0</u>	<u>2.75</u>	<u>3.0</u>	3-16-07	nom		
	H) TRIGGER PULL TEST AND RETAINABILITY					3-16-07	nom		
	I) FIRING PIN INDENT	.020 MIN	<u>.024</u>	<u>.025</u>	<u>.025</u>	3-16-07	nom		
	J) ASSEMBLE STOCK					3-14-07	L.P.D.		
	K) ASSEMBLE SWIVEL STUDS					3-16-07	nom		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					3-16-07	nom		
	M) IRON SIGHT ALIGNMENT					3-16-07	nom		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					3-16-07	nom		
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL					
			PASS	FAIL		3-15-07	nom		
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					3-15-07	SD		
670	FINAL INSPECTION A) HEADSPACE					3-16-07	nom		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.62</u>	<u>2.54</u>	<u>2.57</u>	<u>2.68</u>	<u>2.64</u>	3-16-07	nom
	C) FUNCTION					3-16-07	nom		
690	PACK					3-22-07	DA		

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



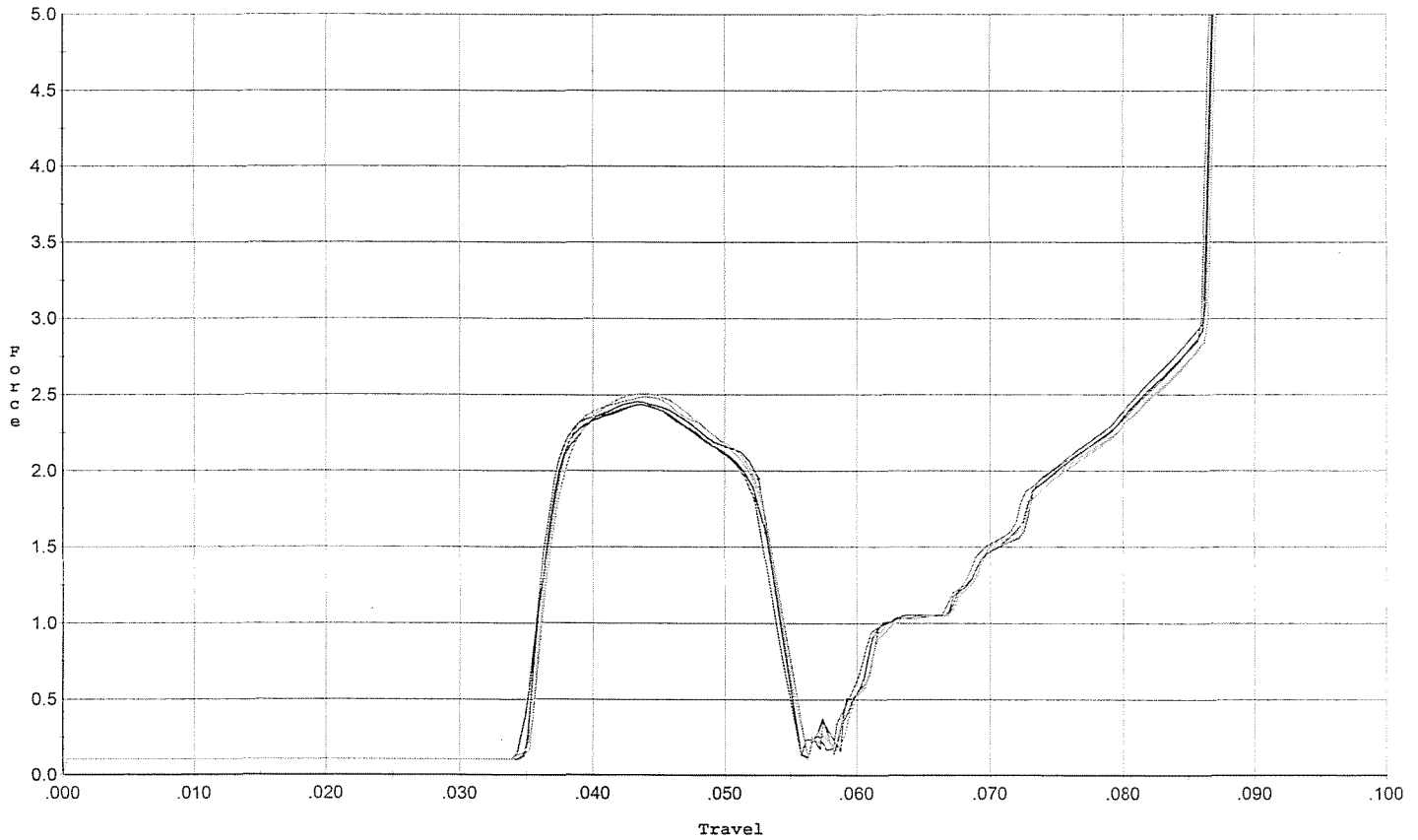
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.492	0.053	0.036	0.038	0.042		Set Trigger
2	2.450	0.054	0.035	0.038	0.042		Set Trigger
3	2.481	0.052	0.035	0.038	0.041		Set Trigger
4	2.501	0.054	0.035	0.038	0.043		Set Trigger
5	2.482	0.054	0.035	0.038	0.043		Set Trigger

Avg 2.48

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



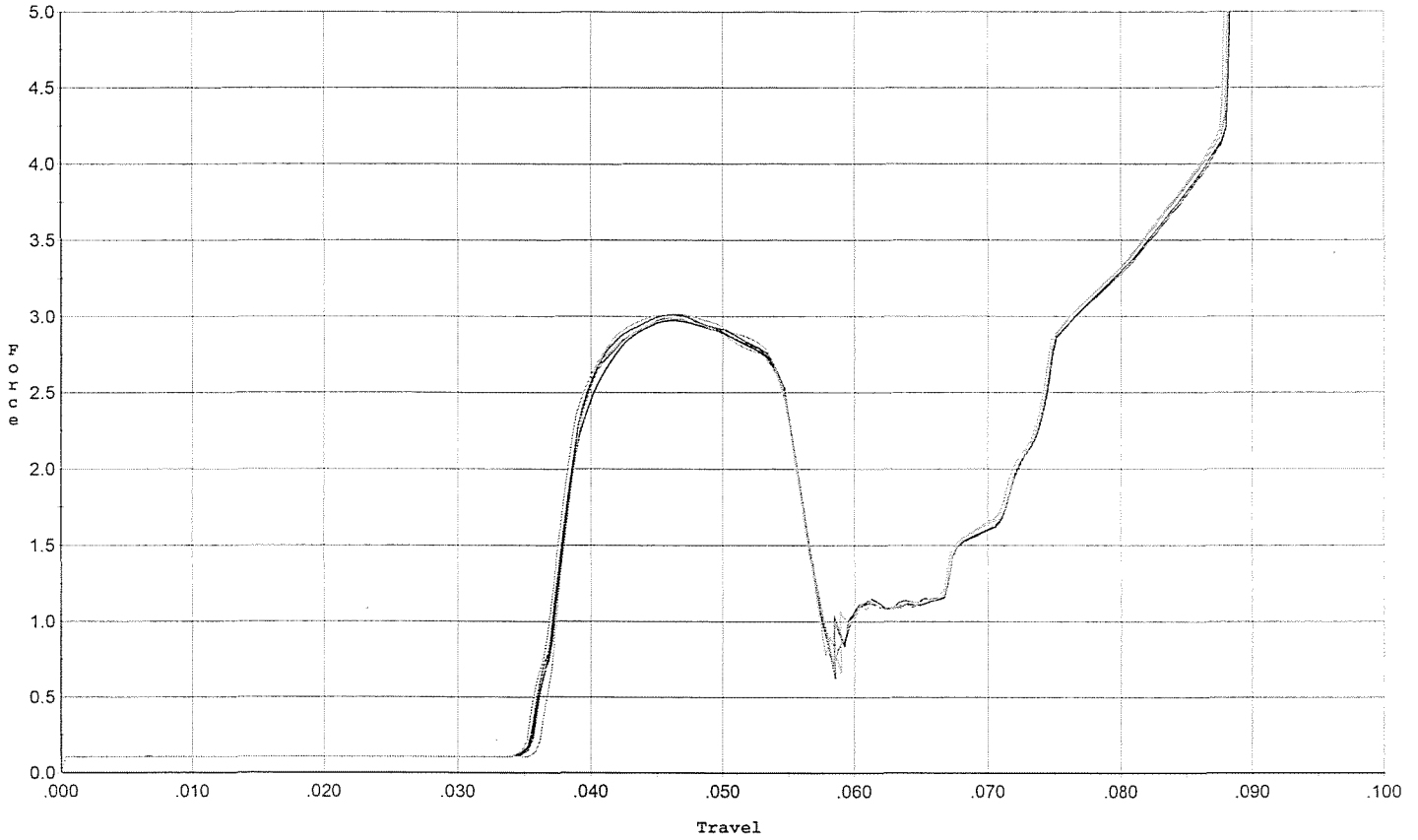
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.451	0.053	0.035	0.038	0.042		Set Trigger
2	2.431	0.053	0.035	0.038	0.042		Set Trigger
3	2.431	0.052	0.035	0.038	0.041		Set Trigger
4	2.485	0.053	0.035	0.038	0.042		Set Trigger
5	2.507	0.053	0.035	0.038	0.042		Set Trigger

Avg 2.46

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



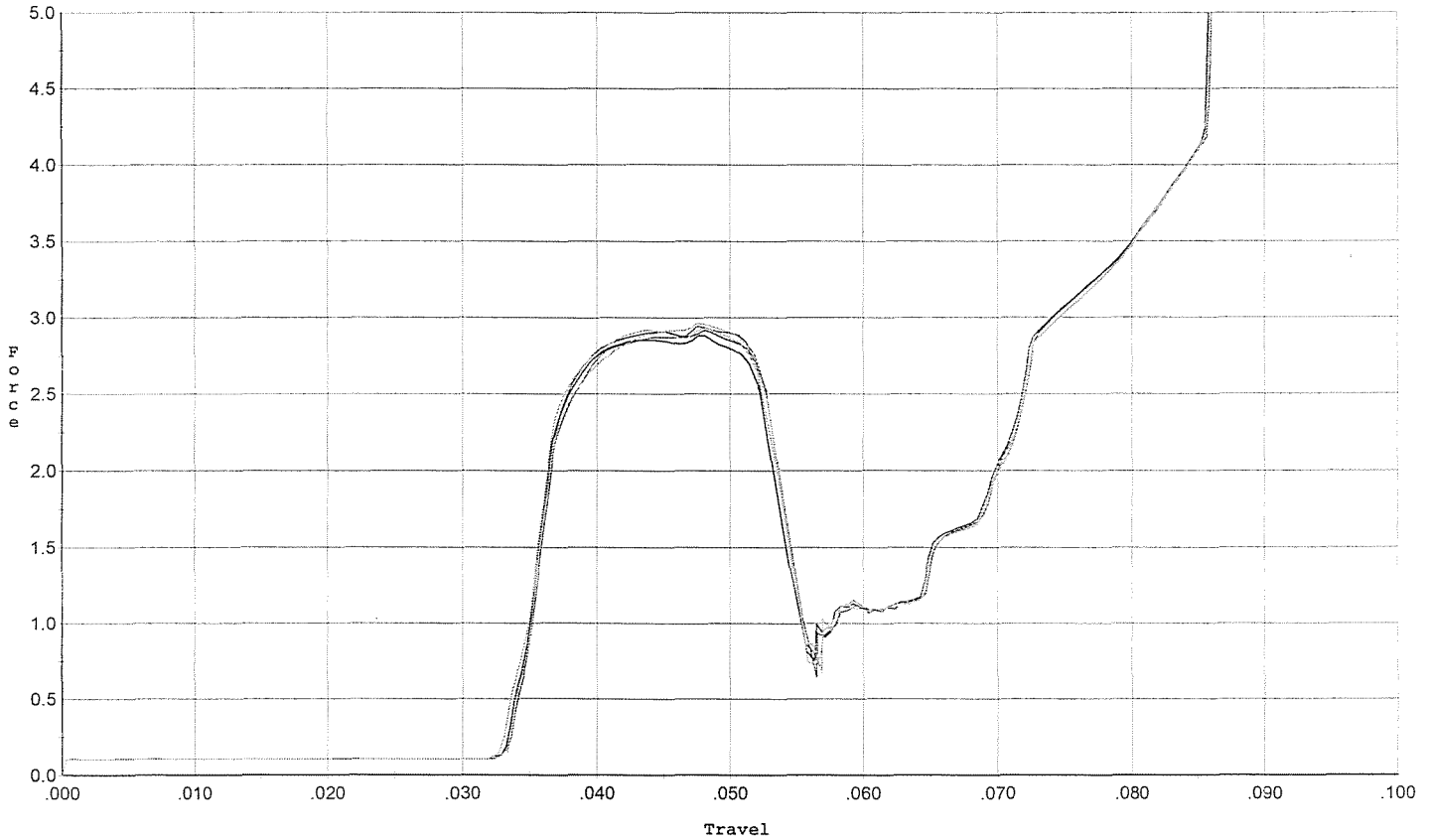
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.012	0.055	0.036	0.038	0.054		Set Trigger
2	2.973	0.055	0.036	0.038	0.053		Set Trigger
3	2.989	0.055	0.036	0.037	0.054		Set Trigger
4	3.018	0.055	0.035	0.037	0.055		Set Trigger
5	2.982	0.055	0.036	0.038	0.053		Set Trigger

AVG 2.99

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



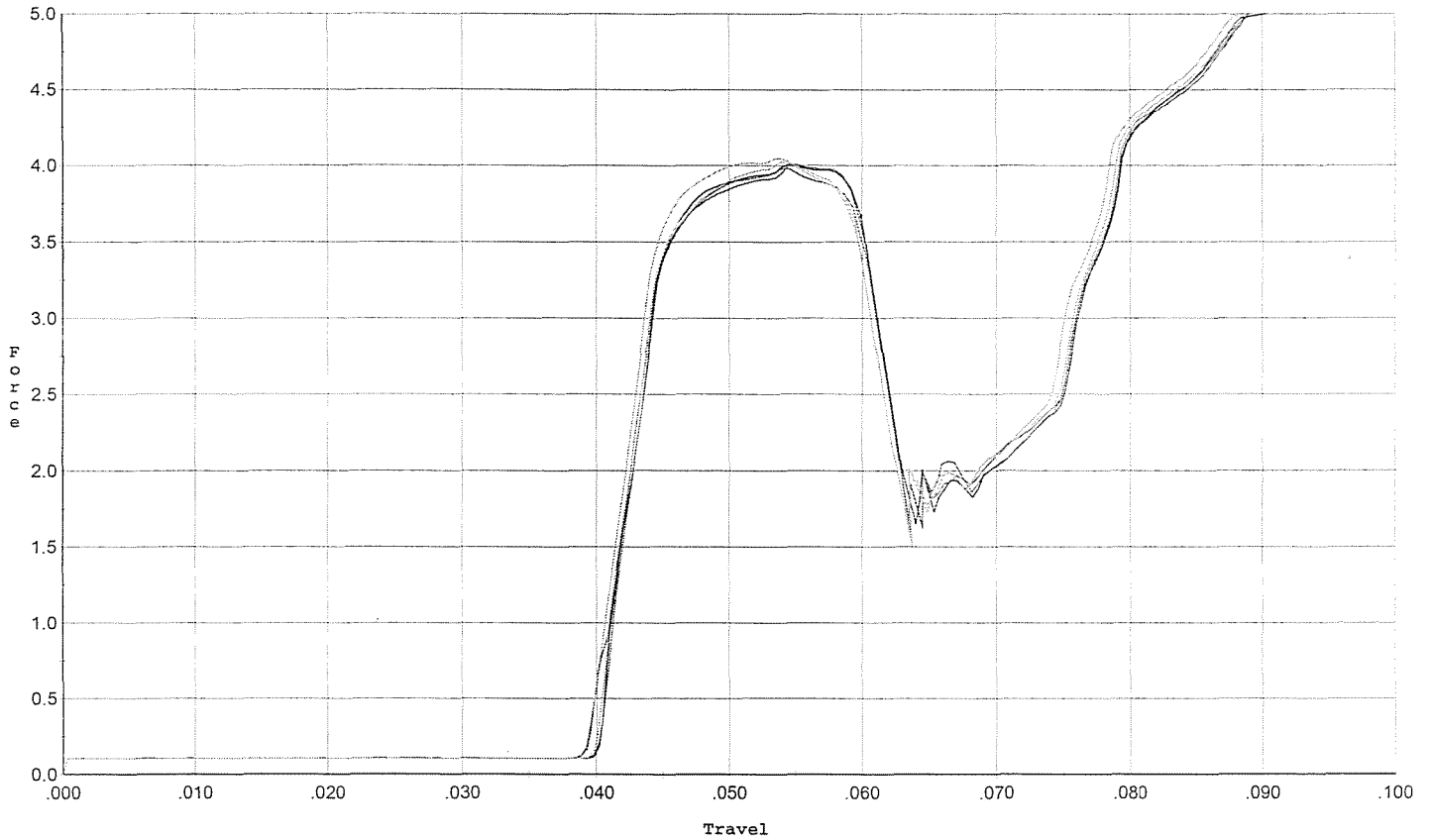
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.917	0.053	0.034	0.036	0.053		Set Trigger
2	2.880	0.052	0.033	0.036	0.052		Set Trigger
3	2.942	0.053	0.034	0.036	0.053		Set Trigger
4	2.961	0.053	0.034	0.036	0.053		Set Trigger
5	2.931	0.053	0.033	0.036	0.054		Set Trigger

AVG 2.92

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



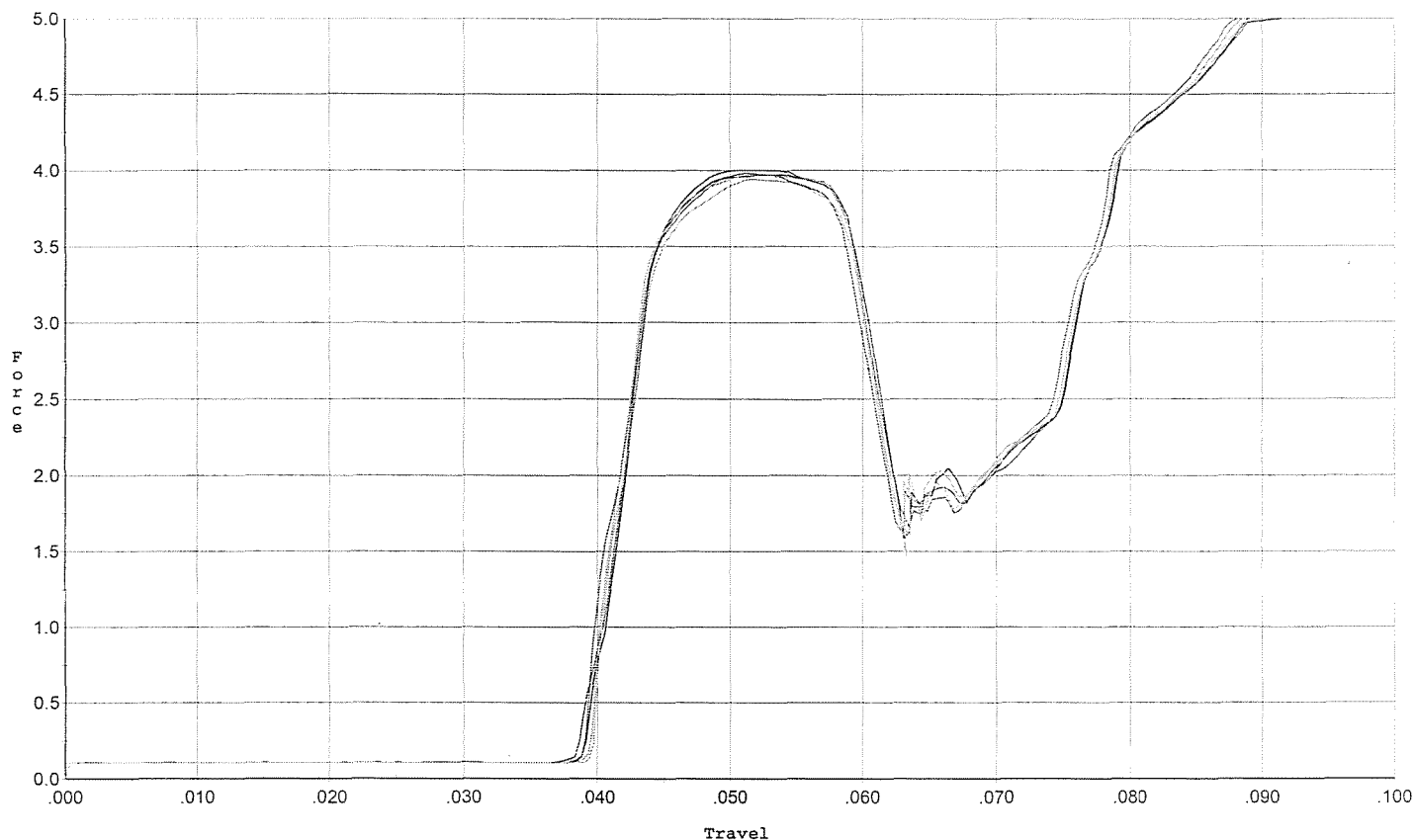
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.006	0.060	0.040	0.036	0.076		Set Trigger
2	4.006	0.060	0.040	0.036	0.075		Set Trigger
3	3.982	0.060	0.040	0.036	0.075		Set Trigger
4	4.026	0.060	0.040	0.036	0.074		Set Trigger
5	4.047	0.059	0.040	0.036	0.076		Set Trigger

Avg 4.01

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



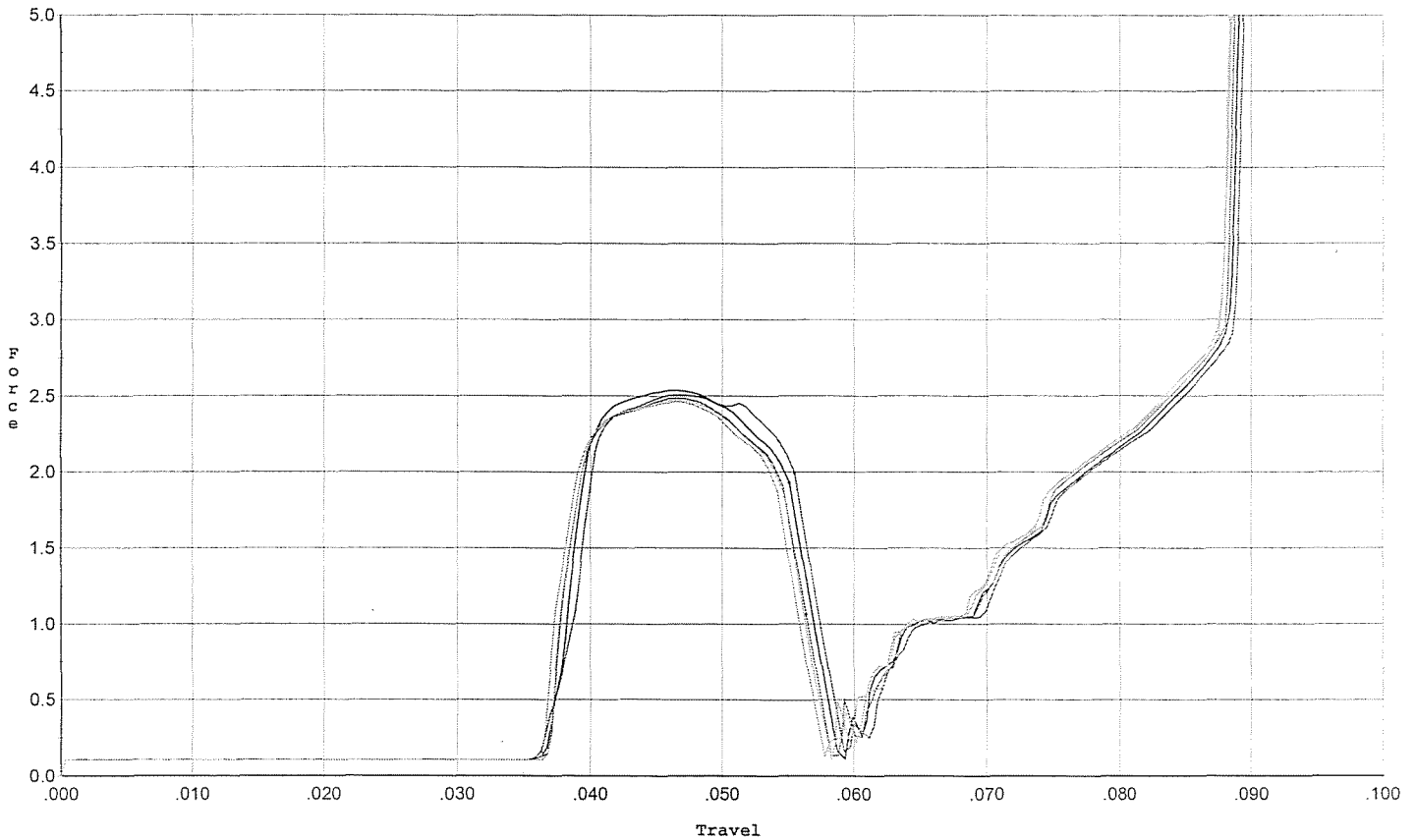
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.001	0.059	0.039	0.037	0.075		Set Trigger
2	3.974	0.060	0.039	0.037	0.077		Set Trigger
3	3.980	0.060	0.039	0.036	0.077		Set Trigger
4	3.945	0.059	0.040	0.037	0.074		Set Trigger
5	3.975	0.059	0.040	0.037	0.075		Set Trigger

Avg 3.97

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



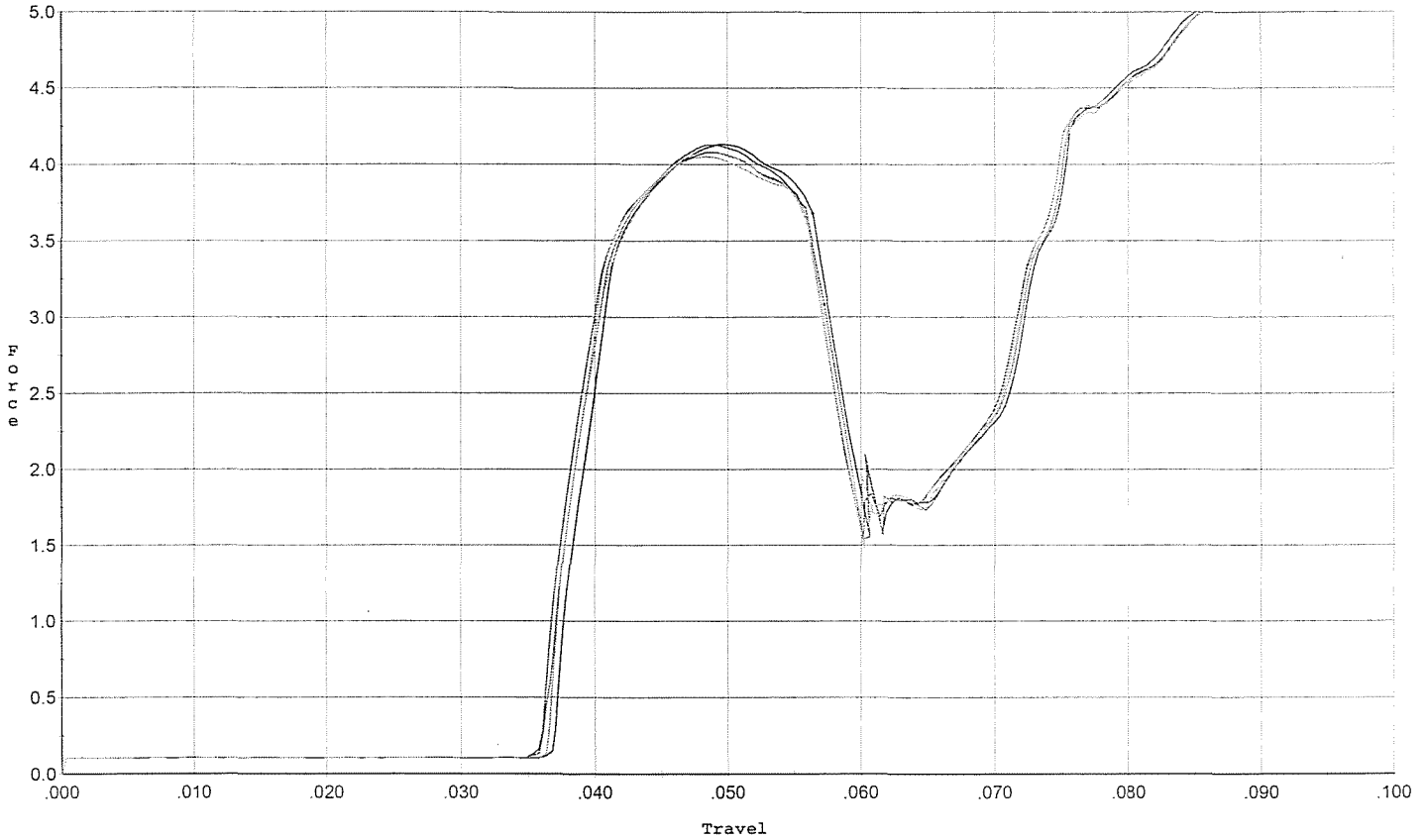
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.506	0.055	0.037	0.039	0.045		Set Trigger
2	2.536	0.055	0.037	0.039	0.045		Set Trigger
3	2.486	0.056	0.037	0.038	0.045		Set Trigger
4	2.474	0.055	0.037	0.038	0.043		Set Trigger
5	2.462	0.054	0.037	0.038	0.043		Set Trigger

AVG 2.49

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.Putch 3/02/07

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.128	0.056	0.036	0.036	0.077		Set Trigger
2	4.131	0.056	0.037	0.036	0.075		Set Trigger
3	4.079	0.057	0.036	0.036	0.078		Set Trigger
4	4.053	0.058	0.037	0.036	0.078		Set Trigger
5	4.082	0.056	0.037	0.036	0.075		Set Trigger

AVG 4.09

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637720.___0

FILE DATE AND TIME: 03/15/2007 22:35

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.041
The Average Y Centroid of the Five Target Set:	0.068
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.904
The Distance from POA to Centroid Target #1:	0.274
The Distance from Centroid Target #2 to Centroid Target #1:	0.358
The Distance from Centroid Target #3 to Centroid Target #1:	0.507
The Distance from Centroid Target #4 to Centroid Target #1:	0.455
The Distance from Centroid Target #5 to Centroid Target #1:	0.374

SERIAL NUMBER: G6637720. __0

TARGET NUMBER: 1

FILE DATE: 03/15/2007

FILE TIME: 22:35

POINT#	X	Y
1:	0.066	0.911
2:	0.706	0.729
3:	0.740	0.441
4:	0.123	-0.240
5:	-0.480	-0.068
6:	-0.639	0.028
7:	-0.378	-0.771
8:	0.597	-0.516
9:	0.368	-0.768
10:	-0.099	-2.292

X CENTROID: 0.100

Y CENTROID: -0.255

POA TO CENTROID: 0.274

HORZ SPREAD: 1.379

VERT SPREAD: 3.203

GROUP SPREAD: 3.207

MIN RADIUS: 0.027

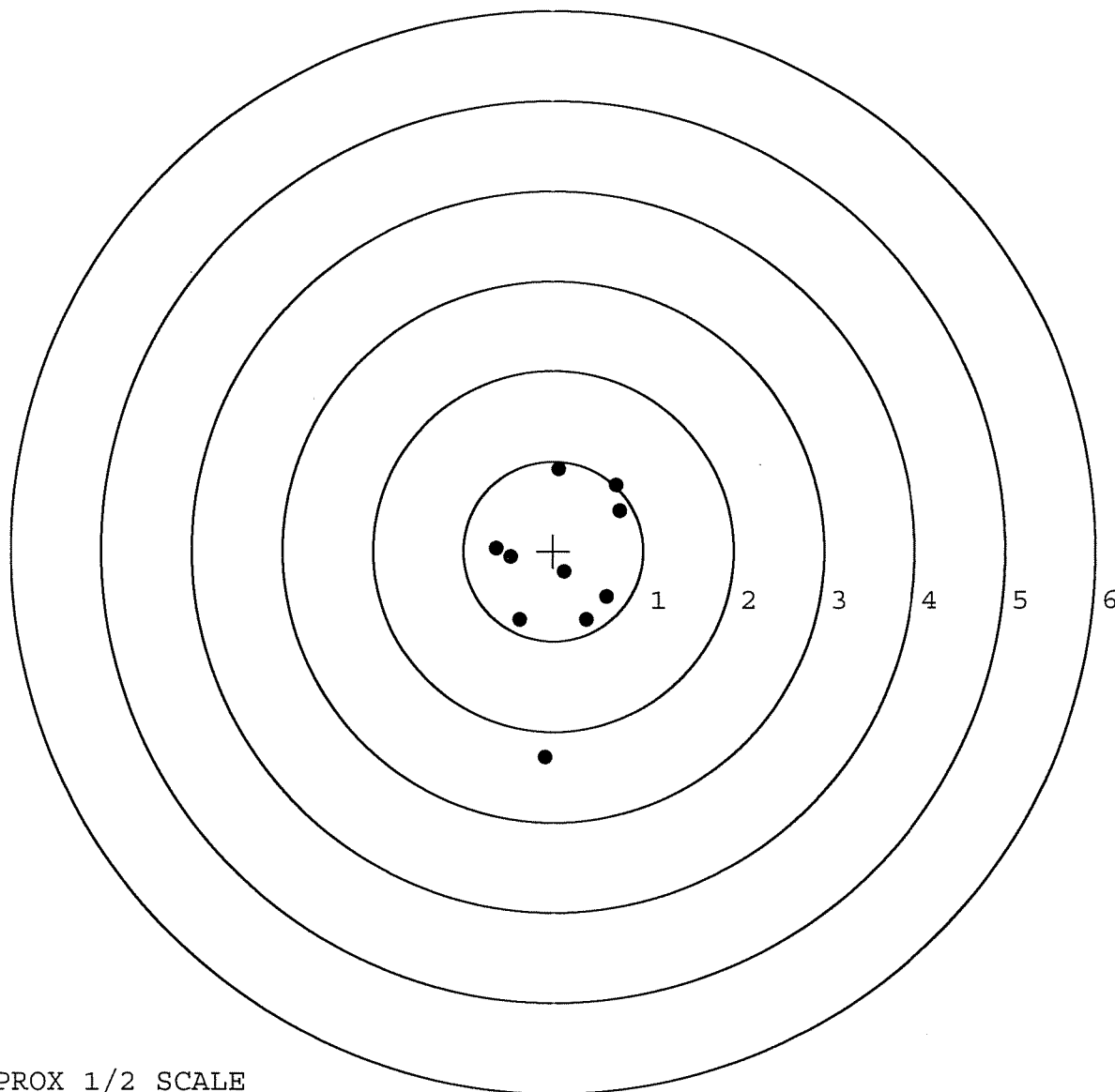
MAX RADIUS: 2.047

MEAN RADIUS: 0.859

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

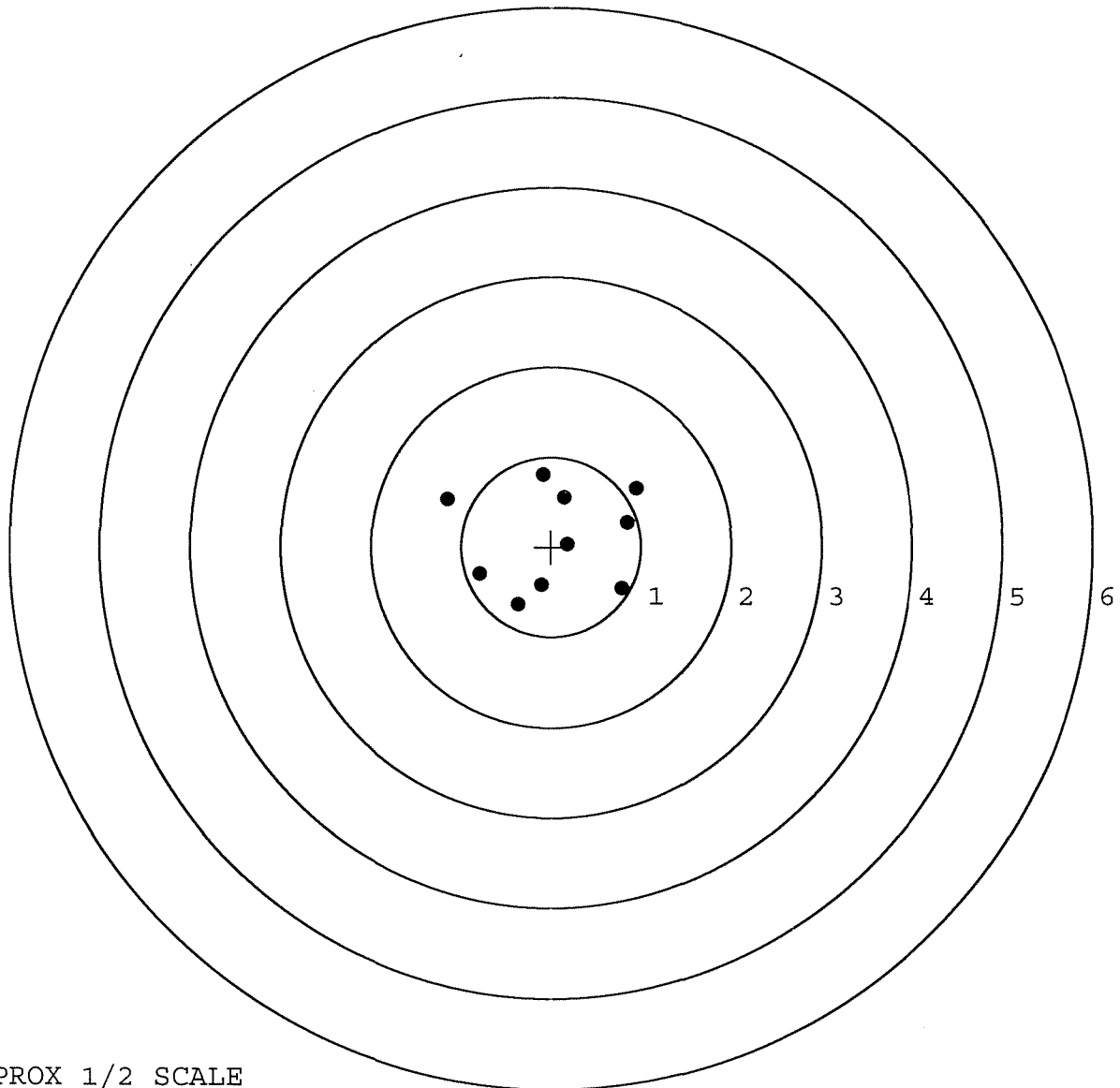


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637720.____0
TARGET NUMBER: 2
FILE DATE: 03/15/2007
FILE TIME: 22:35

POINT#	X	Y
1:	-0.096	0.804
2:	0.142	0.551
3:	0.182	0.033
4:	-0.796	-0.303
5:	-1.160	0.533
6:	-0.370	-0.650
7:	-0.113	-0.430
8:	0.788	-0.473
9:	0.848	0.268
10:	0.946	0.647

X CENTROID: 0.037
Y CENTROID: 0.098
POA TO CENTROID: 0.105
HORZ SPREAD: 2.106
VERT SPREAD: 1.454
GROUP SPREAD: 2.192
MIN RADIUS: 0.159
MAX RADIUS: 1.274
MEAN RADIUS: 0.777
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637720. __0

TARGET NUMBER: 3

FILE DATE: 03/15/2007

FILE TIME: 22:35

X CENTROID: -0.089

Y CENTROID: 0.216

POA TO CENTROID: 0.234

HORZ SPREAD: 2.690

VERT SPREAD: 2.794

GROUP SPREAD: 3.015

MIN RADIUS: 0.318

MAX RADIUS: 1.701

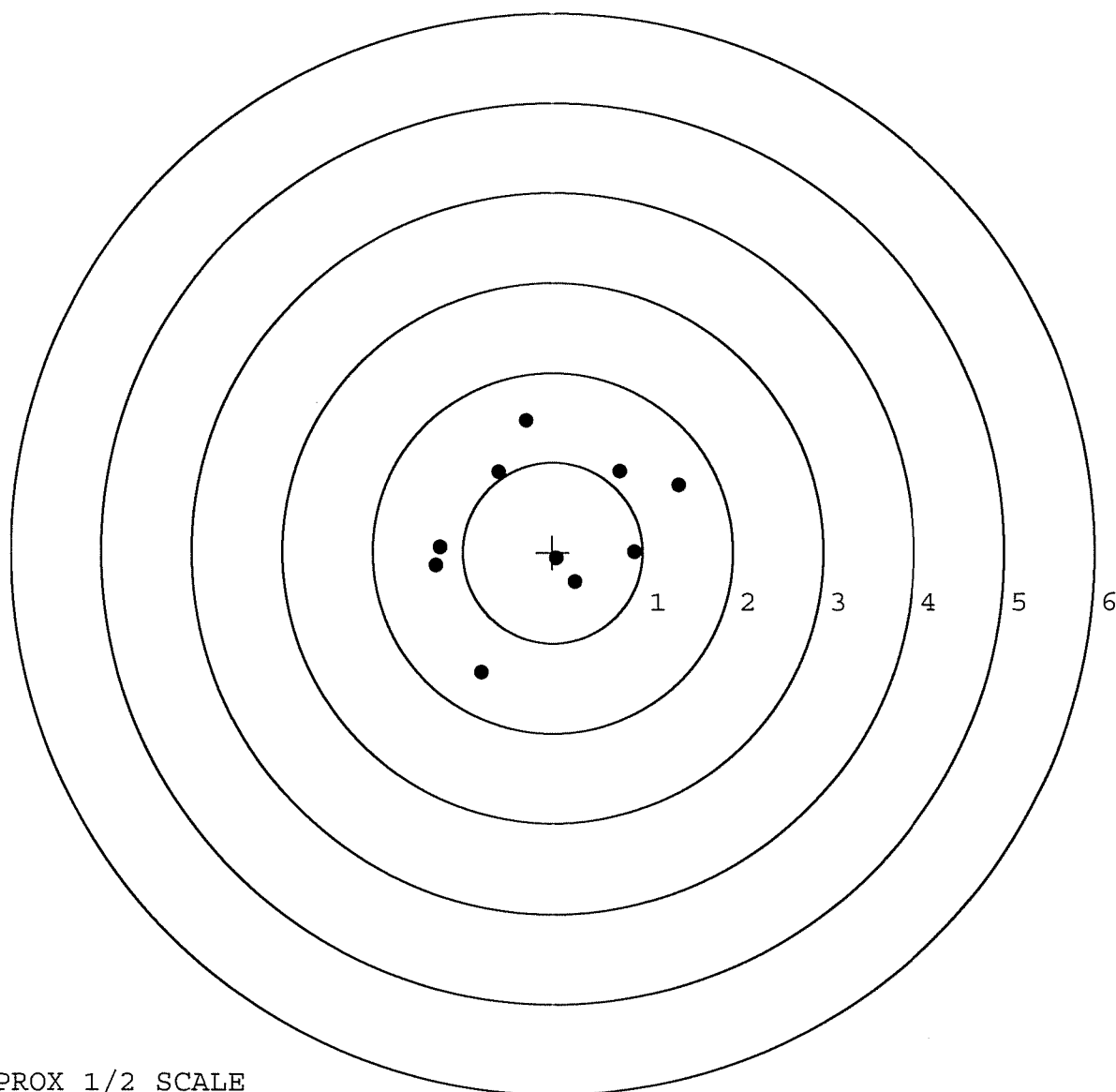
MEAN RADIUS: 1.089

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.606	0.887
2:	-0.295	1.462
3:	-1.251	0.058
4:	-1.296	-0.147
5:	-0.794	-1.332
6:	0.043	-0.073
7:	0.253	-0.332
8:	0.752	0.897
9:	0.913	0.001
10:	1.394	0.742



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637720. 0

TARGET NUMBER: 4

FILE DATE: 03/15/2007

FILE TIME: 22:35

X CENTROID: 0.201

Y CENTROID: 0.189

POA TO CENTROID: 0.276

HORZ SPREAD: 1.996

VERT SPREAD: 2.570

GROUP SPREAD: 2.727

MIN RADIUS: 0.225

MAX RADIUS: 1.628

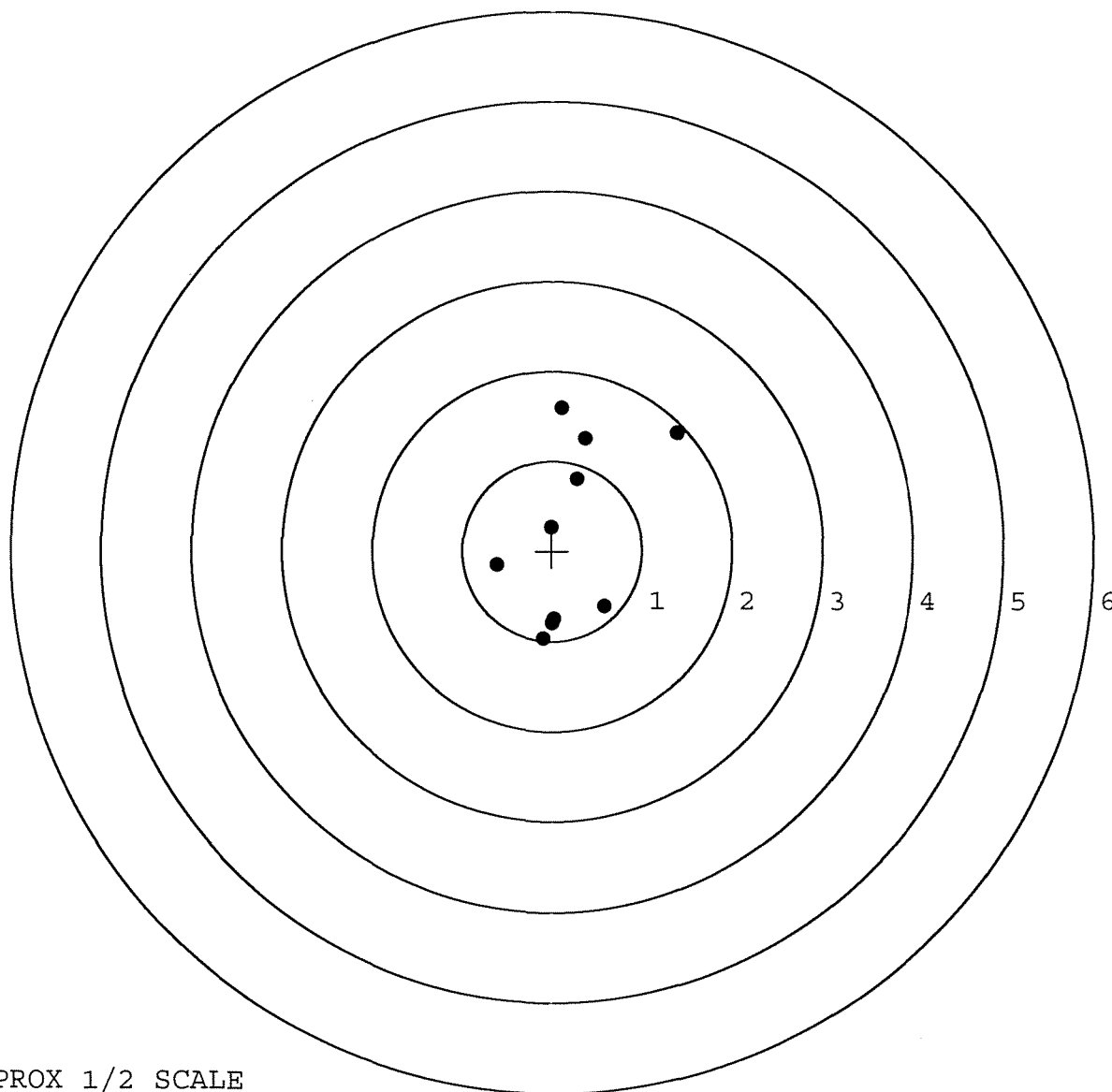
MEAN RADIUS: 0.990

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.615	-0.163
2:	-0.012	0.262
3:	-0.102	-0.978
4:	0.024	-0.758
5:	0.580	-0.615
6:	0.277	0.796
7:	0.367	1.249
8:	0.109	1.592
9:	1.381	1.310
10:	-0.004	-0.805

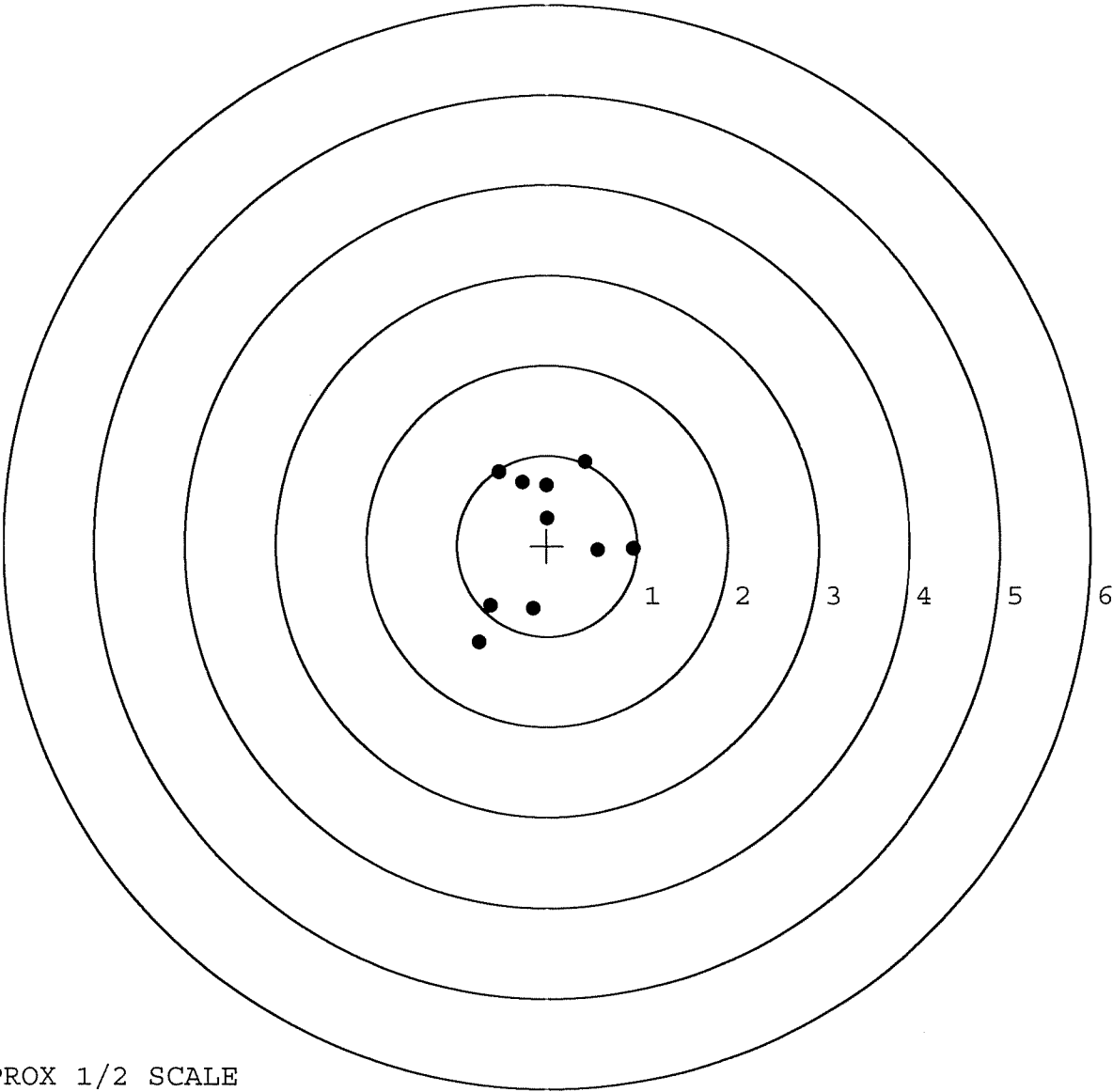


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637720. __0
TARGET NUMBER: 5
FILE DATE: 03/15/2007
FILE TIME: 22:35

X CENTROID: -0.043
Y CENTROID: 0.091
POA TO CENTROID: 0.100
HORZ SPREAD: 1.712
VERT SPREAD: 1.997
GROUP SPREAD: 2.318
MIN RADIUS: 0.213
MAX RADIUS: 1.361
MEAN RADIUS: 0.803
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.012	0.673
2:	-0.006	0.301
3:	-0.276	0.704
4:	0.423	0.928
5:	0.562	-0.049
6:	0.958	-0.037
7:	-0.157	-0.695
8:	-0.628	-0.663
9:	-0.754	-1.069
10:	-0.535	0.817



TARGET APPROX 1/2 SCALE