

G 6616270

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYS'

UPC



0 47700 25716 7

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SERIAL NO.



66616270

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6616270

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-23-06	RTZ
420	ASSEMBLE ACTION		10-23-06	BLC
430	ASSEMBLE TO STOCK		11-21-06	SD
440	PROOF		11-21-06	SPD
460	CHECK HEADSPACE	MAGNA FLUX INSPECTED	11-21-06	SD
470	DIS-ASSEMBLE ACTION	NOV 23 2006	11-27-06	BLC
480	MAGNAFLUX BBL ACTION	OPERATOR <u>lunn</u>	11/29/06	<u>lunn</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		11-29-06	CW
510	DRILL AND TAP SIGHT HOLES		11-28-06	SD
520	GOFF BLAST BBL / REC		11/29/06	JS
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/4/06	FB
560	RE-ASSEMBLE ACTION		12-5-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-5-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-5-06	SD
	D) OIL FIRING PIN ASSEMBLY		12-5-06	SPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		12/20/06	<u>lunn</u>

F004 REV 5/2006

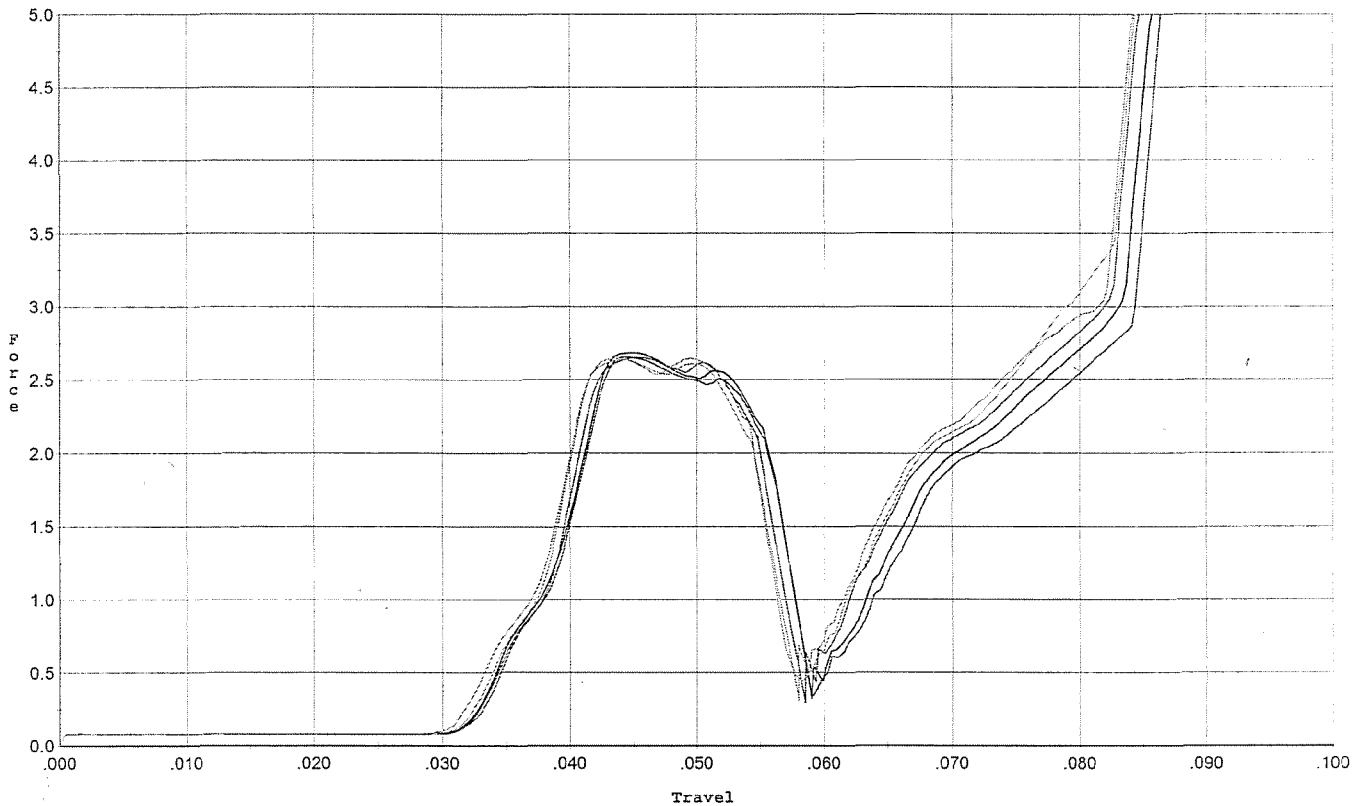
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.0</u> <u>5.5</u> <u>5.0</u>	12/19/06	nom
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.0</u> <u>3.0</u> <u>3.0</u>	12/19/06	nom
	H) TRIGGER PULL TEST AND RETAINABILITY		12/20/06	nom
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	12/19/06	nom
	J) ASSEMBLE STOCK		12-5-06	S.P.D.
	K) ASSEMBLE SWIVEL STUDS		12/20/06	nom
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12/20/06	nom
	M) IRON SIGHT ALIGNMENT		12/20/06	nom
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12/20/06	nom
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL PASS FAIL	12/18/06	nom
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12/18/06	MJG
670	FINAL INSPECTION A) HEADSPACE		12/20/06	nom
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.43</u> <u>2.11</u> <u>2.58</u> <u>2.64</u> <u>2.93</u>	12-18-06	BLC
	C) FUNCTION		12/20/06	nom
690	PACK		2707	DA

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



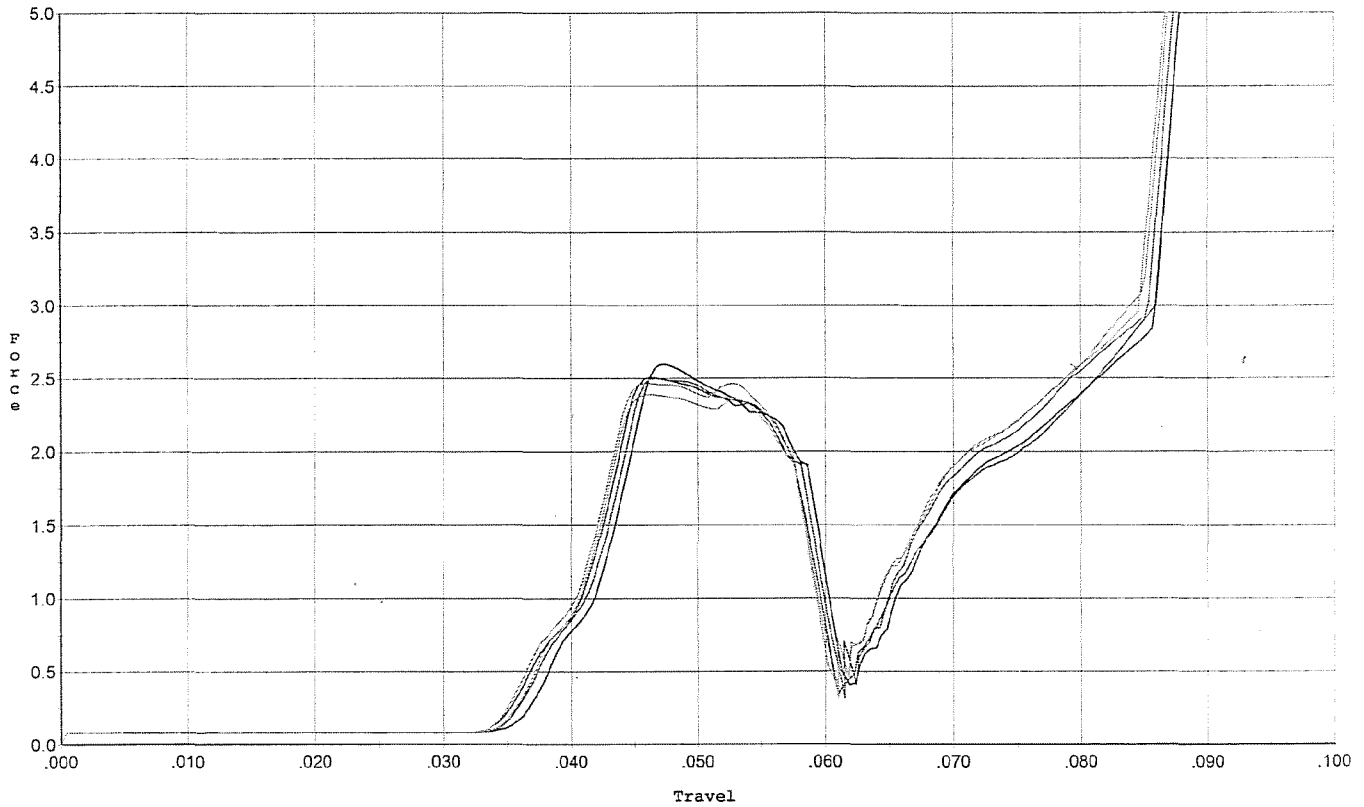
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.656	0.056	0.033	0.037	0.048		Set Trigger
2	2.686	0.056	0.033	0.036	0.049		Set Trigger
3	2.651	0.055	0.034	0.036	0.047		Set Trigger
4	2.645	0.054	0.033	0.036	0.047		Set Trigger
5	2.646	0.054	0.032	0.036	0.047		Set Trigger

AVG 2.65

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/15/06

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



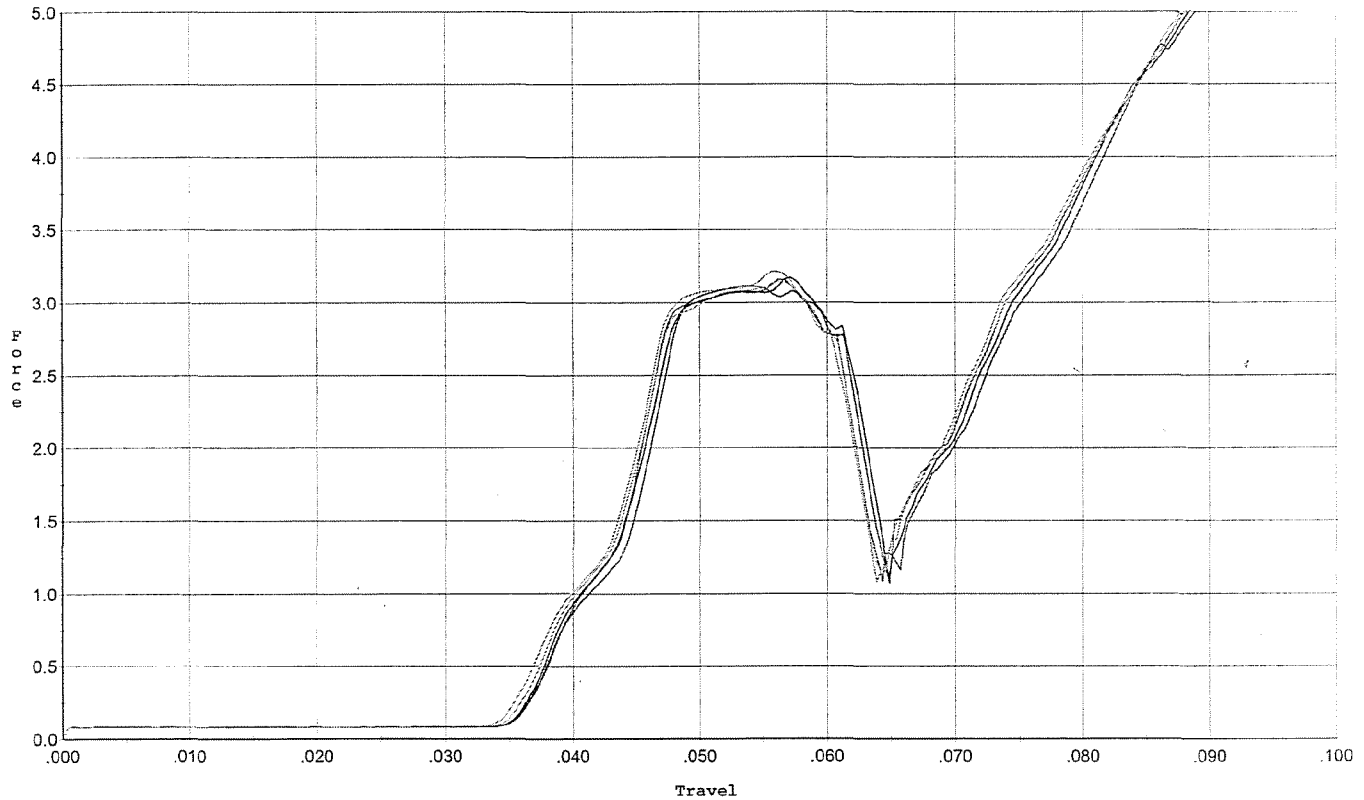
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.507	0.059	0.036	0.036	0.046		Set Trigger
2	2.596	0.059	0.037	0.036	0.044		Set Trigger
3	2.501	0.058	0.036	0.036	0.044		Set Trigger
4	2.388	0.058	0.036	0.036	0.043		Set Trigger
5	2.466	0.057	0.035	0.036	0.045		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



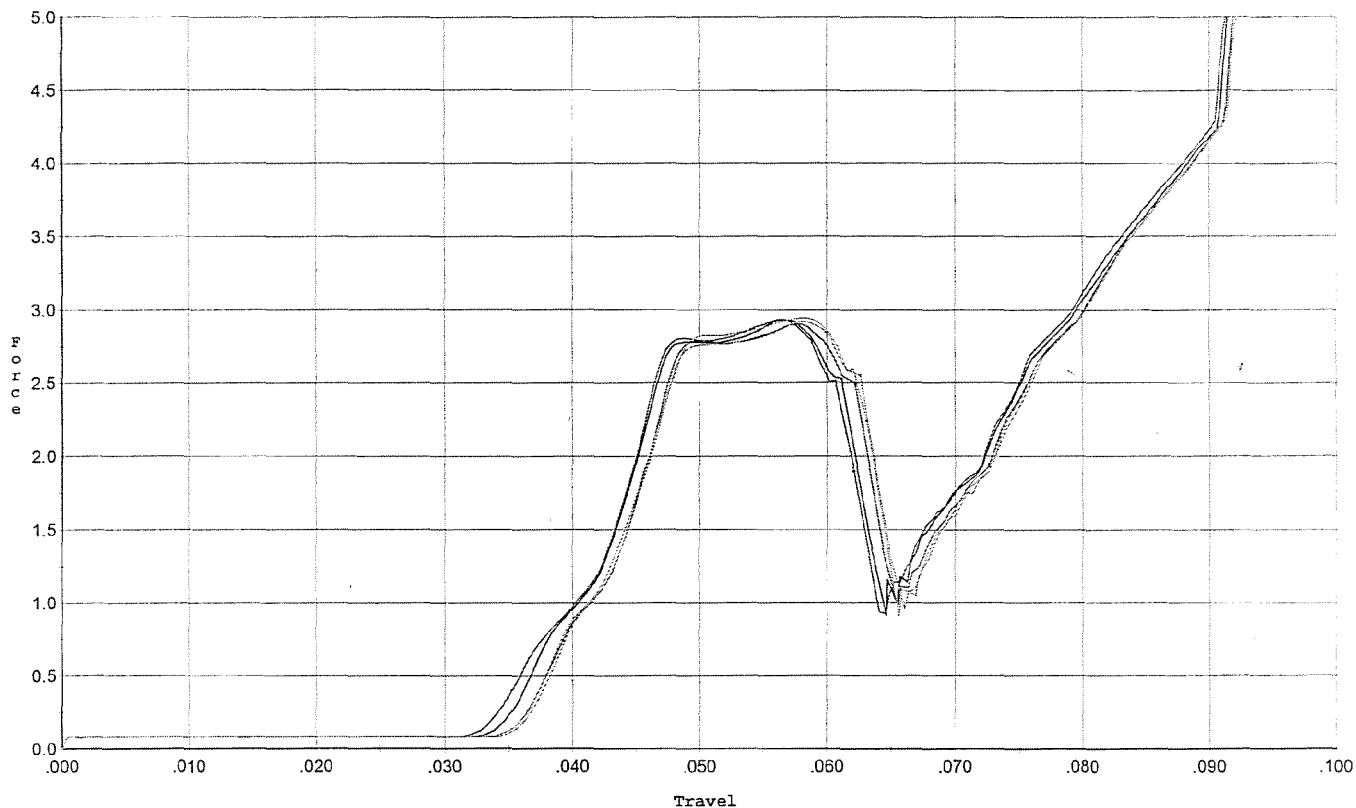
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.115	0.061	0.037	0.034	0.060		Set Trigger
2	3.173	0.062	0.036	0.033	0.063		Set Trigger
3	3.159	0.061	0.036	0.033	0.060		Set Trigger
4	3.147	0.061	0.036	0.033	0.061		Set Trigger
5	3.214	0.061	0.035	0.033	0.062		Set Trigger

Aug 3.15

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/15/06

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



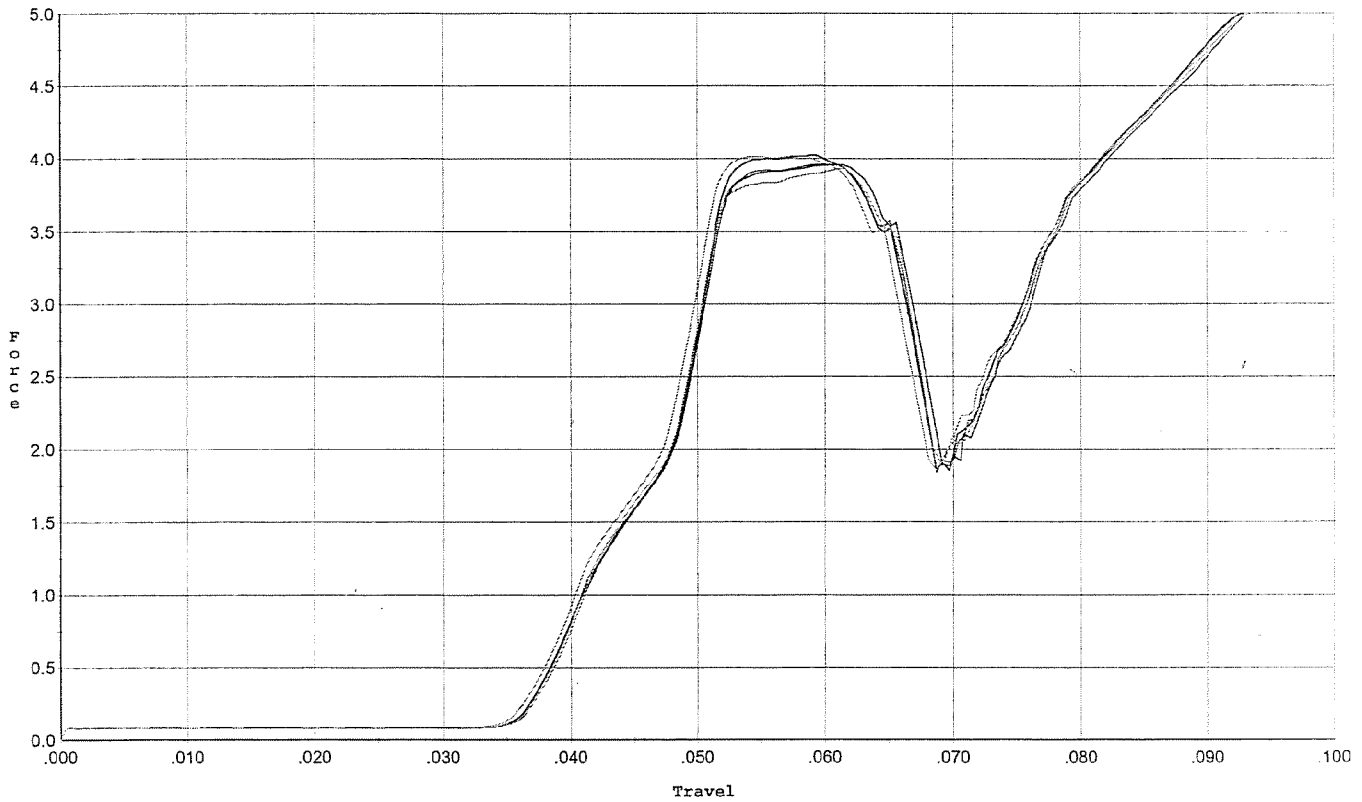
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.935	0.062	0.035	0.036	0.060		Set Trigger
2	2.932	0.061	0.036	0.036	0.059		Set Trigger
3	2.901	0.062	0.037	0.036	0.059		Set Trigger
4	2.921	0.063	0.037	0.036	0.061		Set Trigger
5	2.945	0.063	0.037	0.035	0.060		Set Trigger

Avg 2.92

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



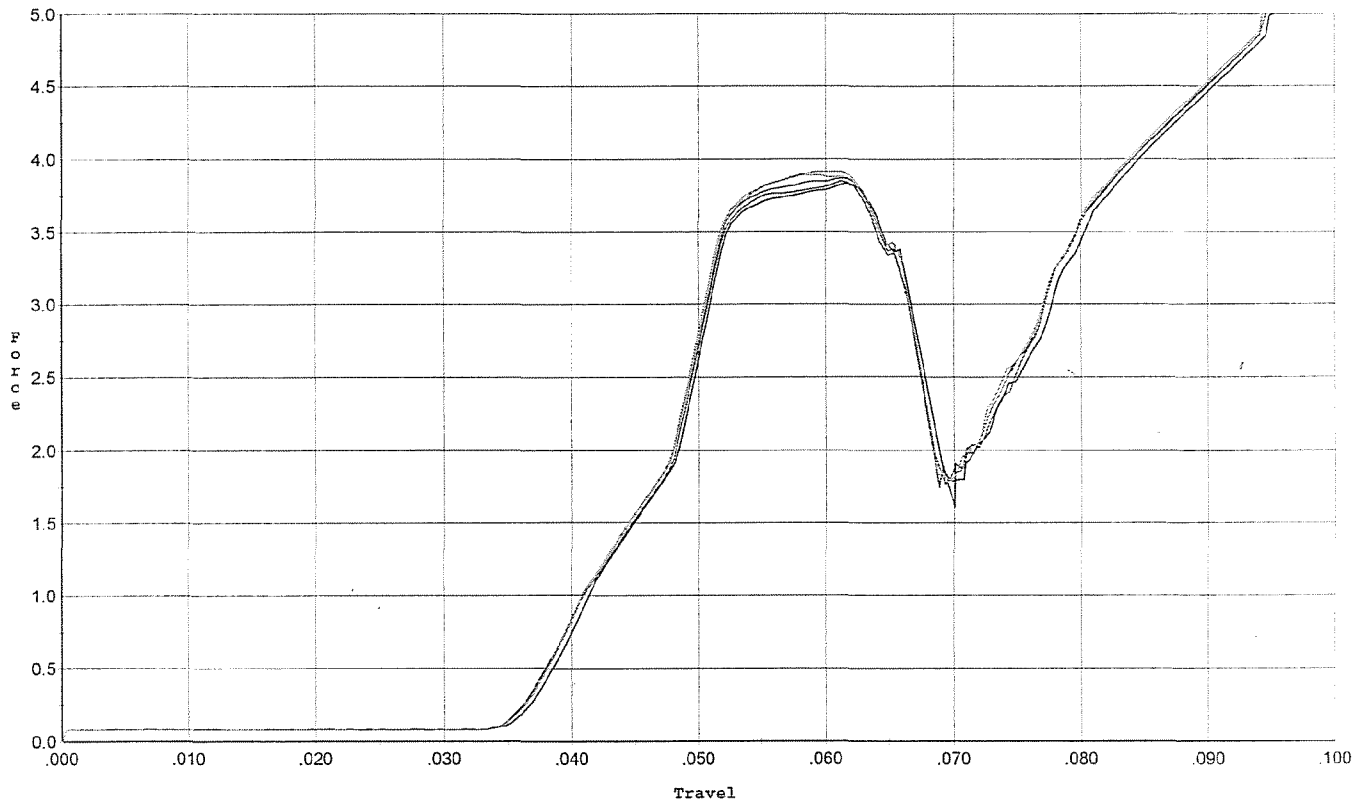
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.956	0.067	0.037	0.032	0.086		Set Trigger
2	4.023	0.067	0.037	0.032	0.085		Set Trigger
3	3.963	0.066	0.037	0.032	0.084		Set Trigger
4	3.934	0.066	0.038	0.032	0.083		Set Trigger
5	4.020	0.065	0.037	0.033	0.083		Set Trigger

Avg 3.97

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



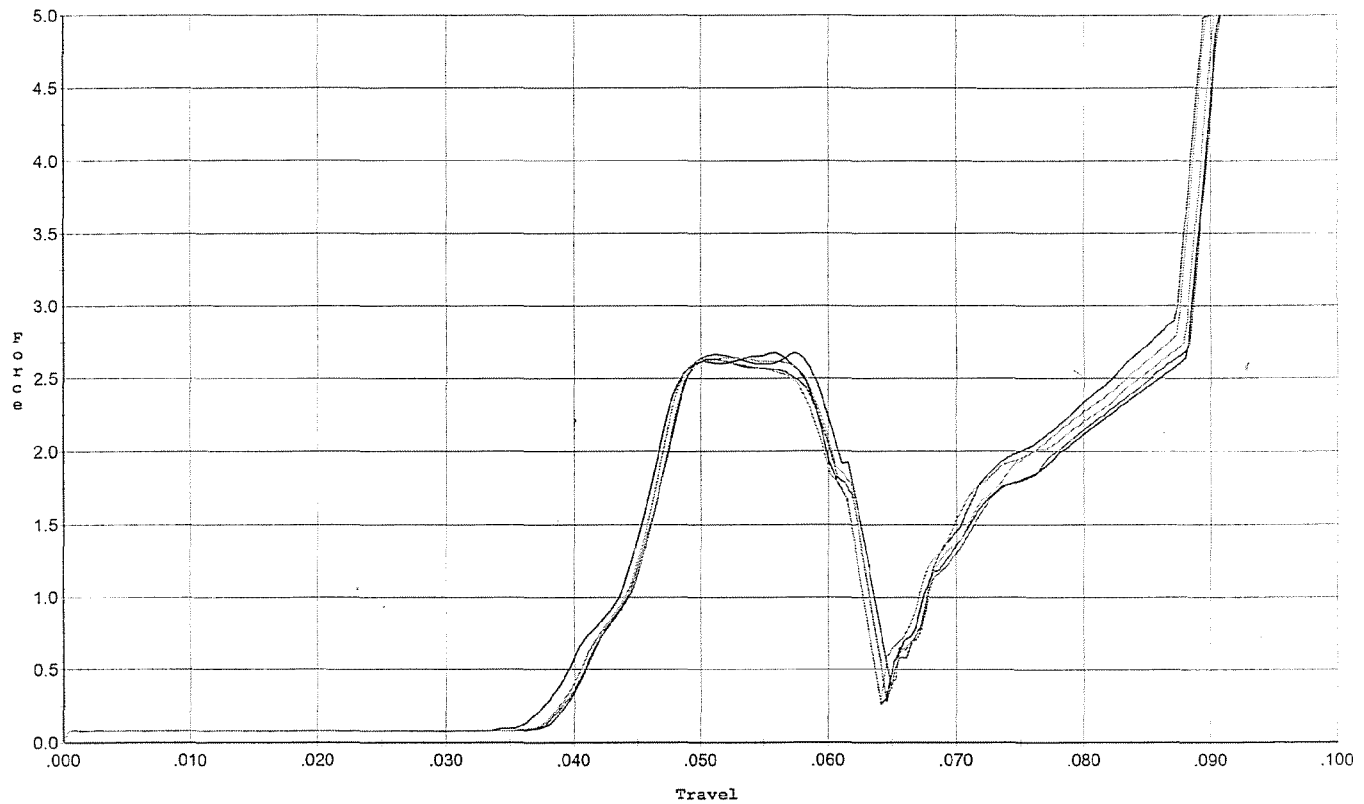
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.850	0.066	0.037	0.033	0.082		Set Trigger
2	3.835	0.066	0.037	0.034	0.081		Set Trigger
3	3.871	0.066	0.037	0.033	0.083		Set Trigger
4	3.892	0.066	0.037	0.033	0.083		Set Trigger
5	3.917	0.066	0.037	0.033	0.083		Set Trigger

AUG 387

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 11/15/06

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



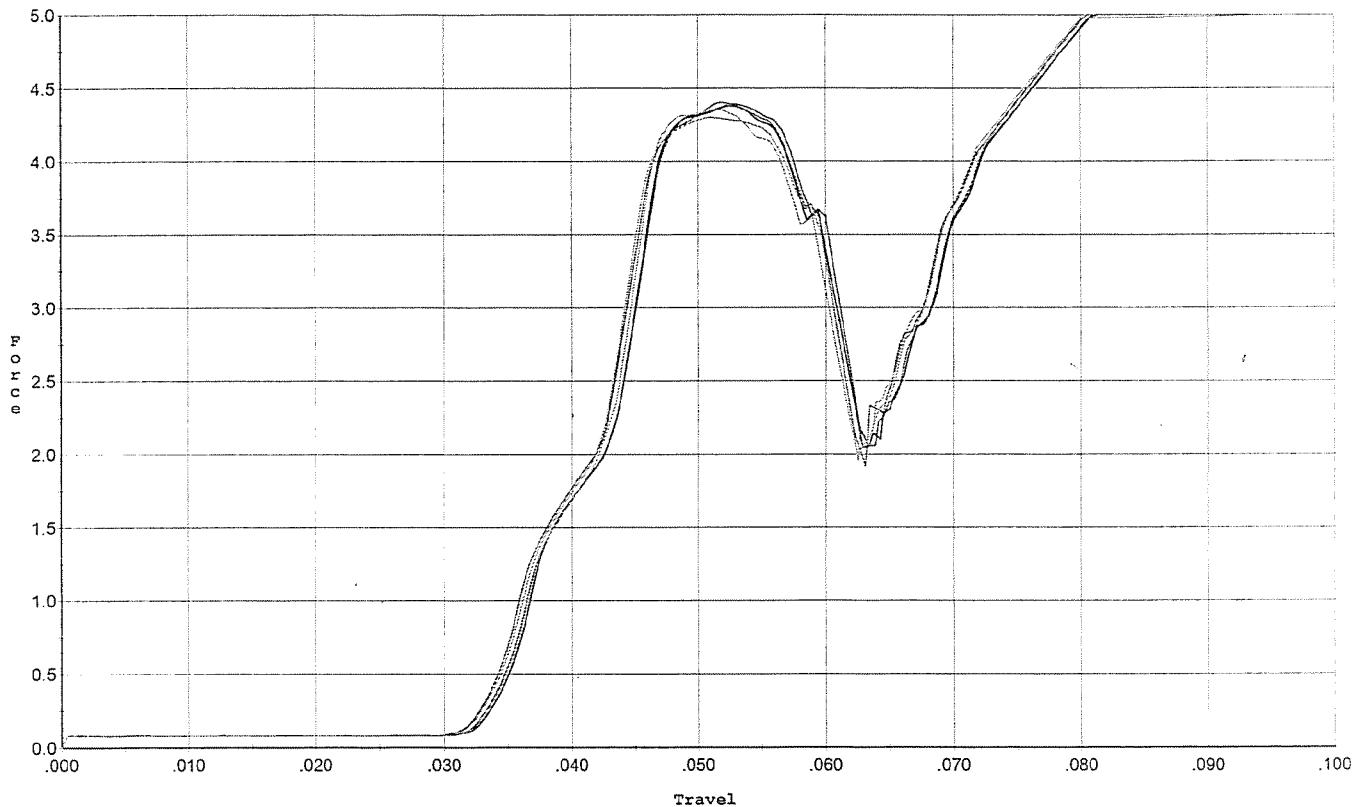
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.677	0.063	0.040	0.035	0.049		Set Trigger
2	2.676	0.061	0.039	0.037	0.048		Set Trigger
3	2.631	0.062	0.040	0.036	0.047		Set Trigger
4	2.639	0.062	0.040	0.036	0.047		Set Trigger
5	2.634	0.061	0.039	0.036	0.046		Set Trigger

AUG 2.65

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 11/15/06

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.394	0.060	0.034	0.030	0.085		Set Trigger
2	4.379	0.061	0.034	0.030	0.085		Set Trigger
3	4.404	0.059	0.033	0.030	0.085		Set Trigger
4	4.354	0.059	0.034	0.030	0.081		Set Trigger
5	4.301	0.060	0.033	0.030	0.085		Set Trigger

Avg ~~4.36~~ RP
4.36

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616270.__0

FILE DATE AND TIME: 12/09/2006 06:22

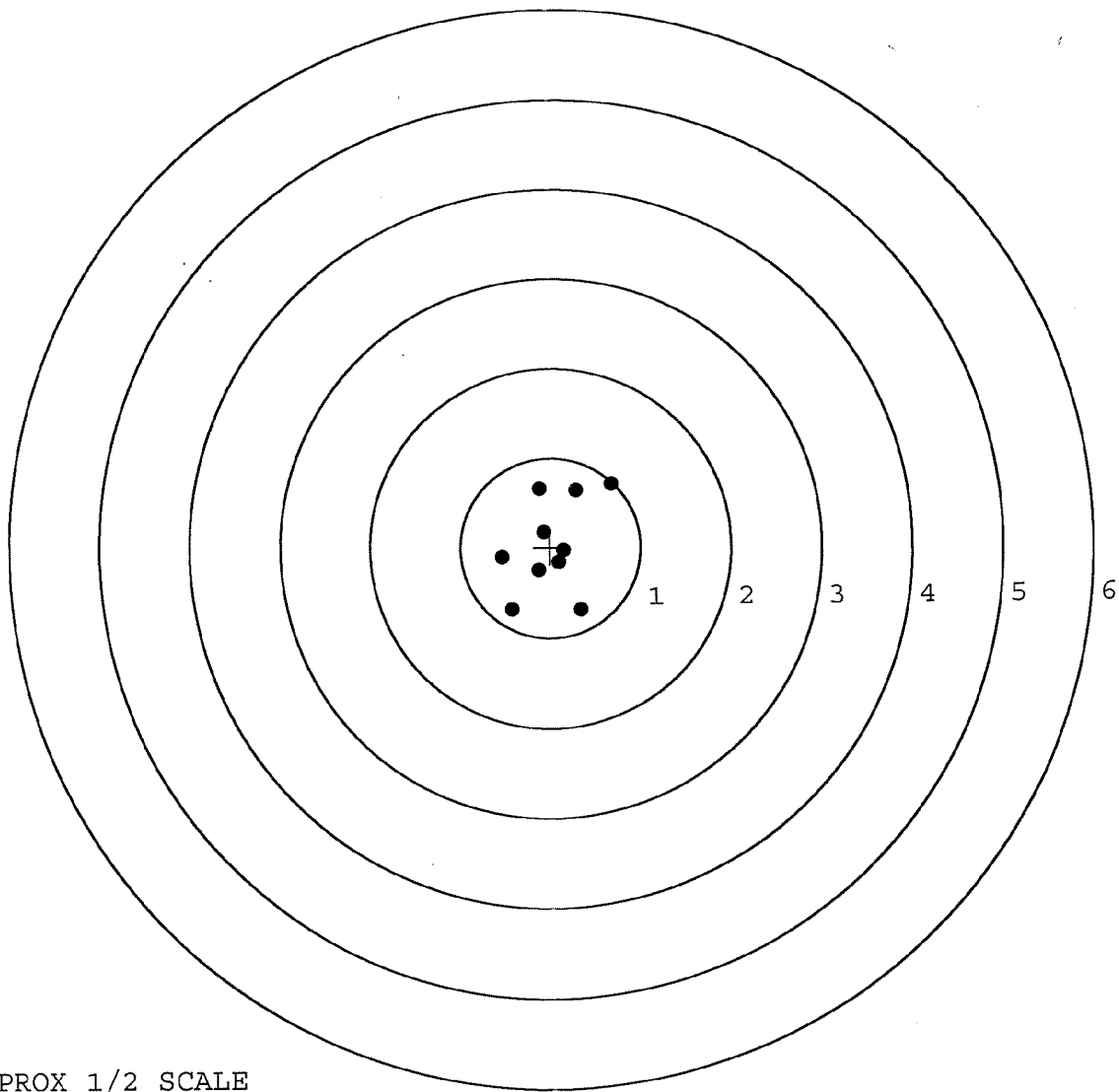
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.015
The Average Y Centroid of the Five Target Set:	-0.041
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.682
The Distance from POA to Centroid Target #1:	0.034
The Distance from Centroid Target #2 to Centroid Target #1:	0.181
The Distance from Centroid Target #3 to Centroid Target #1:	0.291
The Distance from Centroid Target #4 to Centroid Target #1:	0.139
The Distance from Centroid Target #5 to Centroid Target #1:	0.067

SERIAL NUMBER: G6616270. __0
 TARGET NUMBER: 1
 FILE DATE: 12/09/2006
 FILE TIME: 06:22

X CENTROID: 0.027
 Y CENTROID: 0.021
 POA TO CENTROID: 0.034
 HORZ SPREAD: 1.216
 VERT SPREAD: 1.398
 GROUP SPREAD: 1.781
 MIN RADIUS: 0.136
 MAX RADIUS: 0.943
 MEAN RADIUS: 0.531
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.681	0.700
2:	0.289	0.639
3:	-0.119	0.659
4:	-0.432	-0.690
5:	0.334	-0.698
6:	-0.535	-0.110
7:	-0.129	-0.256
8:	0.100	-0.170
9:	0.151	-0.036
10:	-0.070	0.170



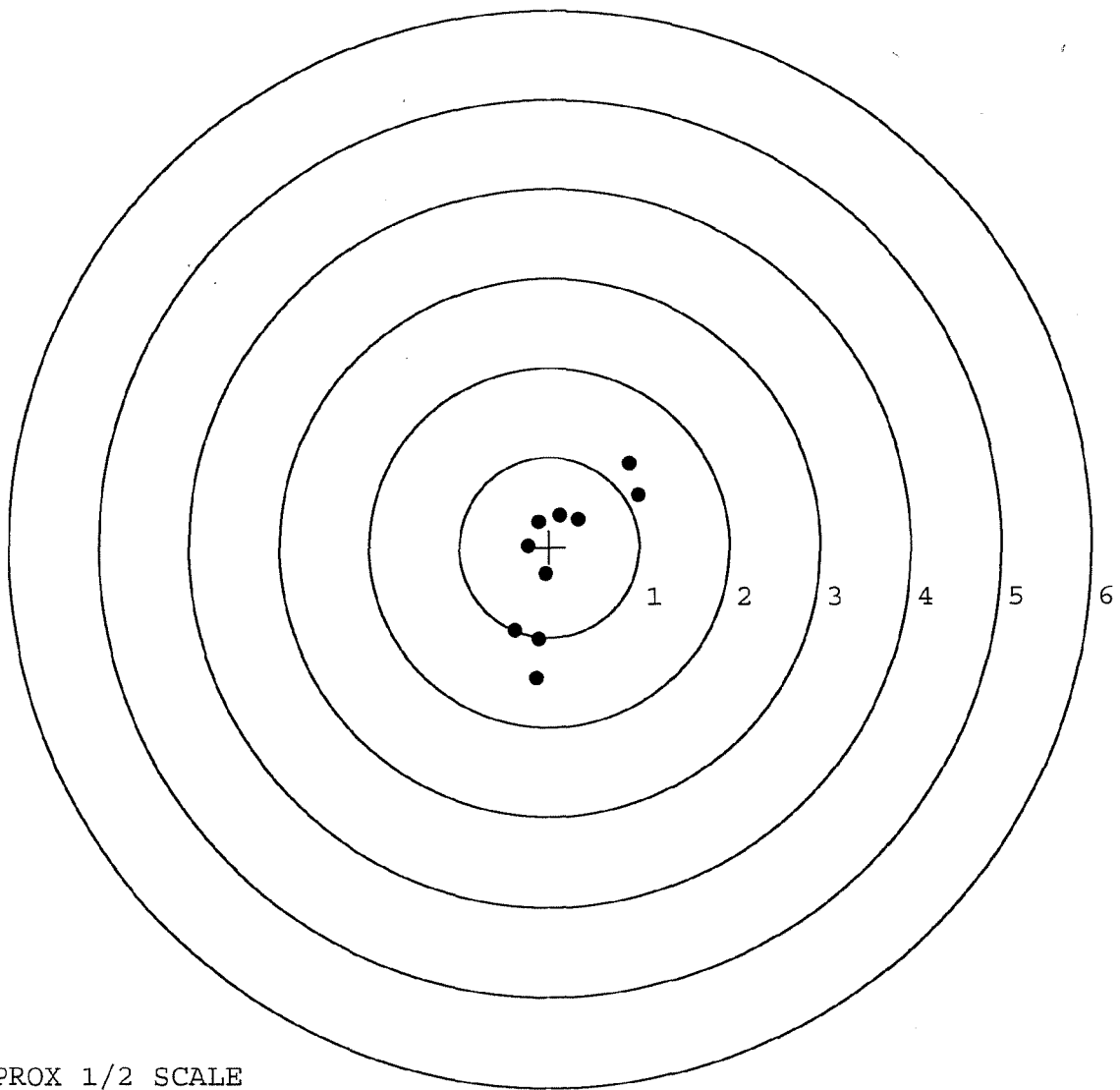
TARGET APPROX 1/2 SCALE

BARBER - M24 0135735

SERIAL NUMBER: G6616270. __0
 TARGET NUMBER: 2
 FILE DATE: 12/09/2006
 FILE TIME: 06:22

POINT#	X	Y
1:	-0.134	-1.462
2:	-0.118	-1.027
3:	-0.384	-0.930
4:	0.990	0.576
5:	0.896	0.927
6:	-0.040	-0.303
7:	-0.235	0.009
8:	-0.115	0.278
9:	0.323	0.312
10:	0.122	0.347

X CENTROID: 0.131
 Y CENTROID: -0.127
 POA TO CENTROID: 0.182
 HORZ SPREAD: 1.374
 VERT SPREAD: 2.389
 GROUP SPREAD: 2.602
 MIN RADIUS: 0.245
 MAX RADIUS: 1.361
 MEAN RADIUS: 0.772
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0135736

SERIAL NUMBER: G6616270. __0

TARGET NUMBER: 3

FILE DATE: 12/09/2006

FILE TIME: 06:22

POINT#	X	Y
1:	-0.795	-0.693
2:	-1.005	-0.602
3:	-0.110	-0.798
4:	-0.435	-0.259
5:	-0.313	0.243
6:	-0.978	1.156
7:	0.341	0.571
8:	0.469	0.127
9:	0.106	0.158
10:	0.112	-0.117

X CENTROID: -0.261

Y CENTROID: -0.021

POA TO CENTROID: 0.262

HORZ SPREAD: 1.474

VERT SPREAD: 1.954

GROUP SPREAD: 2.138

MIN RADIUS: 0.270

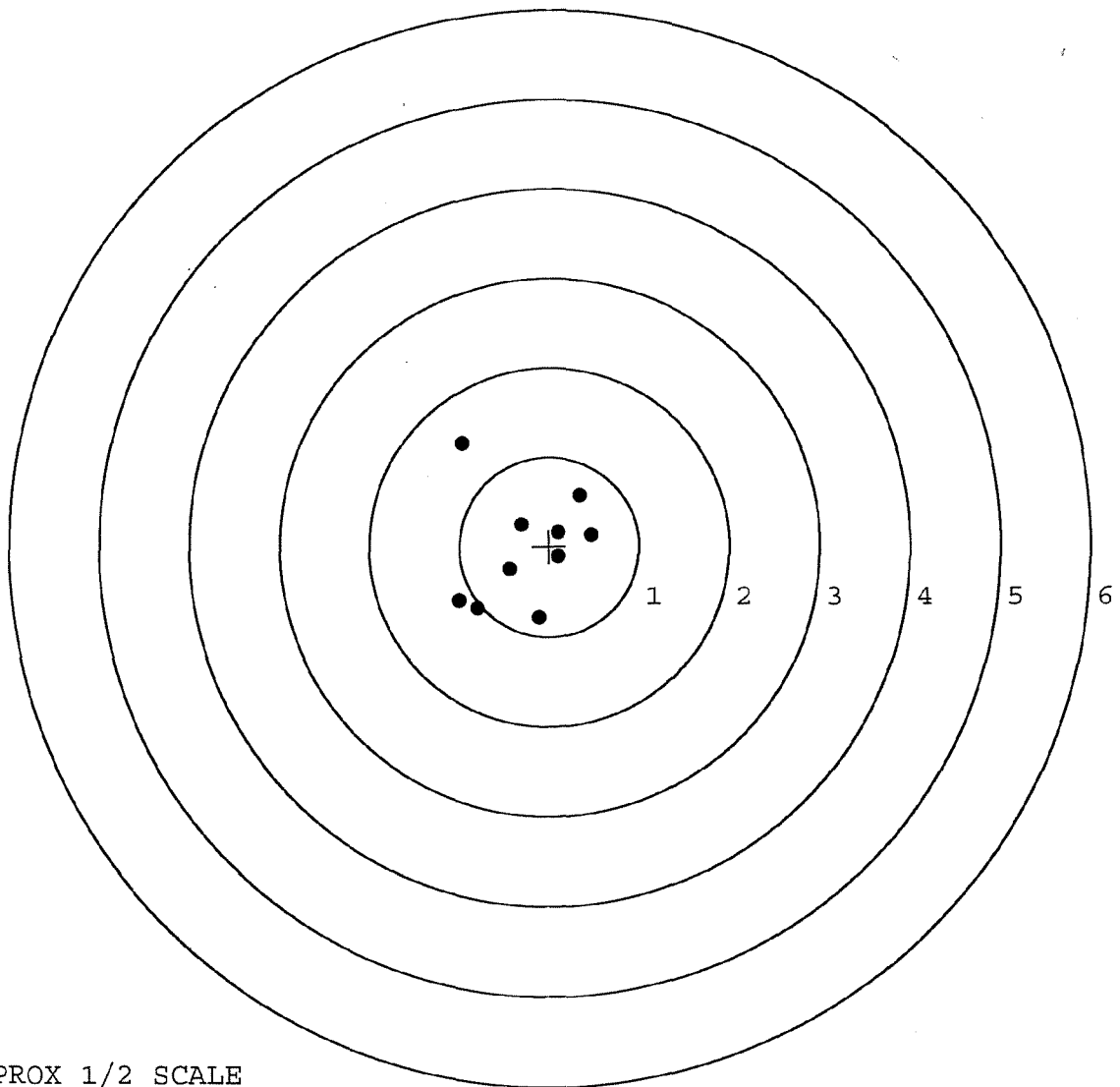
MAX RADIUS: 1.379

MEAN RADIUS: 0.692

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

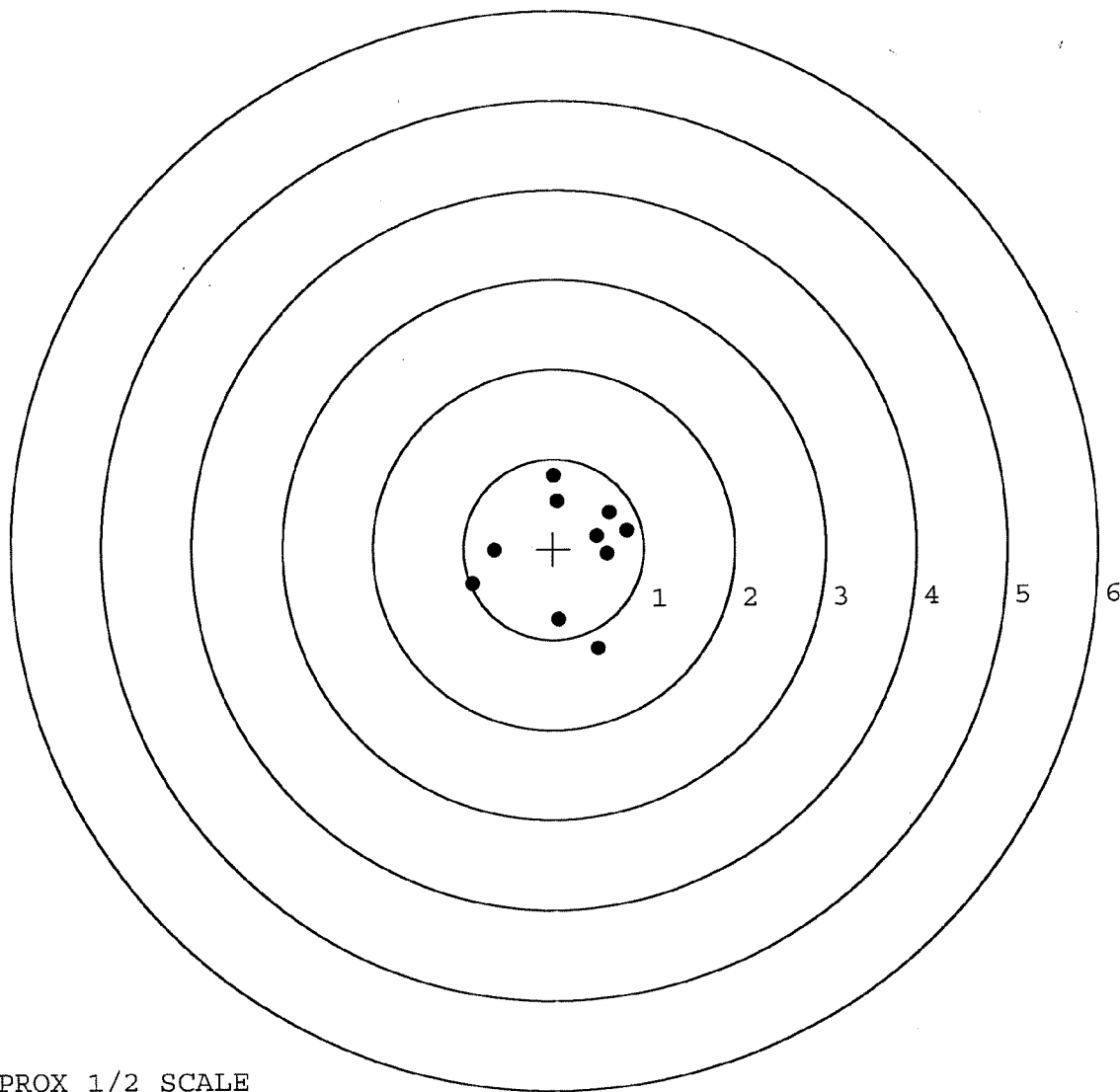


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616270. __0
 TARGET NUMBER: 4
 FILE DATE: 12/09/2006
 FILE TIME: 06:22

X CENTROID: 0.157
 Y CENTROID: -0.029
 POA TO CENTROID: 0.159
 HORZ SPREAD: 1.716
 VERT SPREAD: 1.925
 GROUP SPREAD: 1.984
 MIN RADIUS: 0.368
 MAX RADIUS: 1.132
 MEAN RADIUS: 0.738
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.487	-1.111
2:	0.054	-0.782
3:	0.598	-0.064
4:	0.485	0.138
5:	0.815	0.194
6:	0.626	0.394
7:	0.050	0.529
8:	0.007	0.814
9:	-0.901	-0.380
10:	-0.654	-0.018



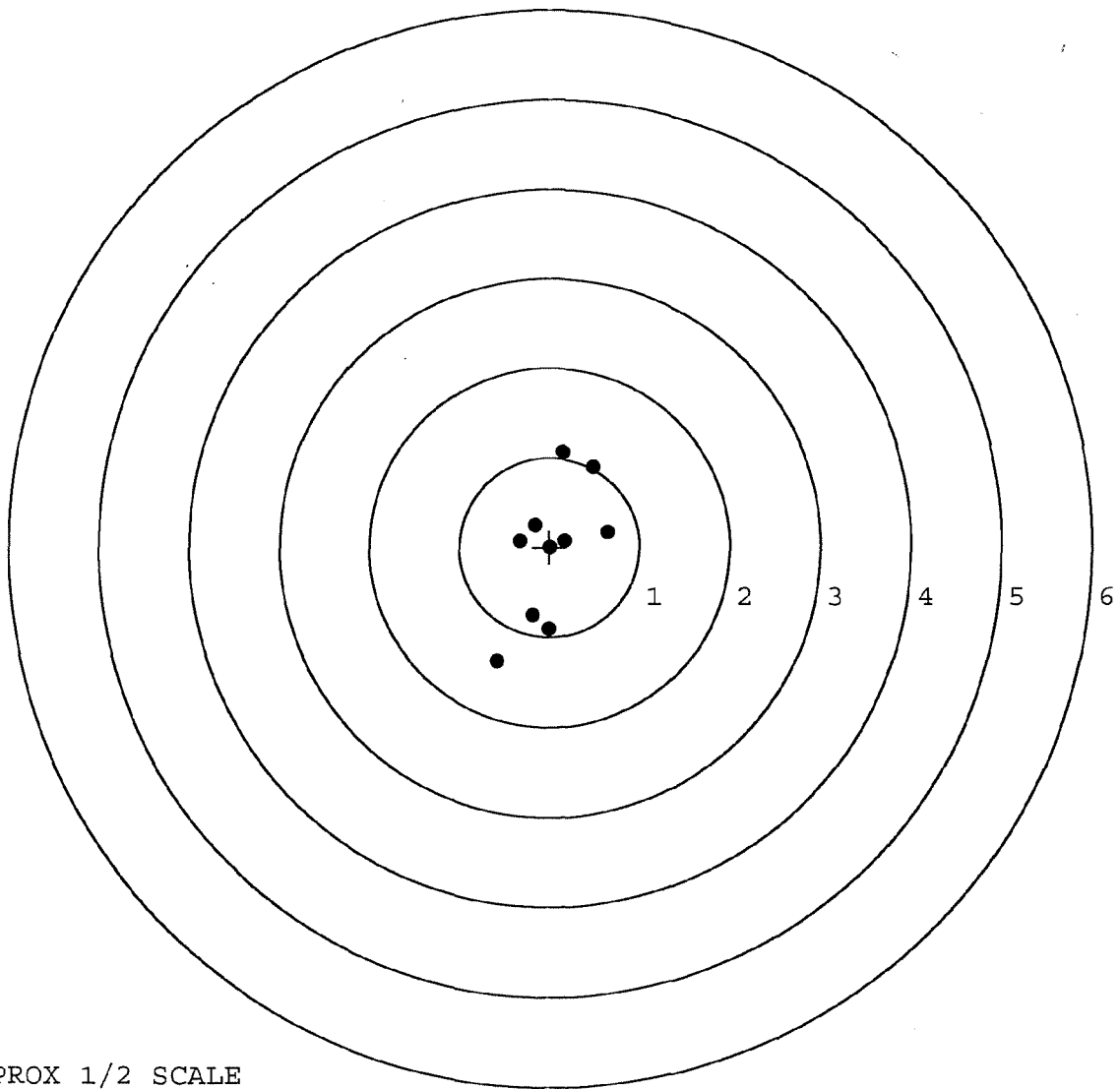
TARGET APPROX 1/2 SCALE

BARBER - M24 0135738

SERIAL NUMBER: G6616270. __0
 TARGET NUMBER: 5
 FILE DATE: 12/09/2006
 FILE TIME: 06:22

POINT#	X	Y
1:	0.157	1.064
2:	0.488	0.896
3:	-0.579	-1.276
4:	0.006	-0.922
5:	-0.186	-0.767
6:	-0.329	0.070
7:	-0.159	0.241
8:	0.008	-0.007
9:	0.652	0.167
10:	0.170	0.069

X CENTROID: 0.023
 Y CENTROID: -0.046
 POA TO CENTROID: 0.052
 HORZ SPREAD: 1.231
 VERT SPREAD: 2.340
 GROUP SPREAD: 2.453
 MIN RADIUS: 0.042
 MAX RADIUS: 1.369
 MEAN RADIUS: 0.677
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE