

6674 9787

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

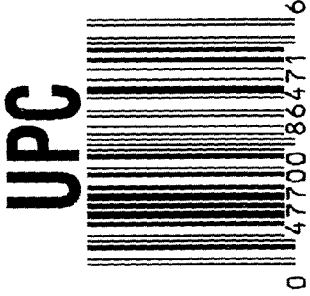
98606 - M-24 OPERATORS MANUAL
96229 - SWS SLING STRAP ASSEMBLY
96117 - TRS BI POD ASSB
96082 SCOPE RING ASSEMBLY
400061 SCOPE RING ASSEMBLY 306-09

BM FORM 1692



ORDER NO. **86471**
BARREL LENGTH 24"
CAPACITY 6

G6749787



GUN SERIAL # G 674 9787

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420	ASSEMBLE ACTION		6/11/08	S.P.D.
430	ASSEMBLE TO STOCK		6/11/08	SP
440	PROOF		6-11-08	SD
460	CHECK HEADSPACE		6-11-08	SD
470	DIS-ASSEMBLE ACTION		6/11/08	S.P.D.
472	SERIALIZE BOLT HANDLE		6/12/08	S.P.D.
475	DRILL AND TAP SIGHT HOLES		6-13-08	TRW
480	MAGNAFLUX BBL ACTION		6/16/08	und
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		6/16/08	RT
520	GOFF BLAST BBL / REC		6/17/08	TR
542	APPLY COATINGS (BARREL ACTION)		6/18/08	W
545	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		6-20-08	RT
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		6-20-08	RT
	C) INSPECT EJECTOR HOLE FOR CHAMFER		6-20-08	RT
	D) OIL FIRING PIN ASSEMBLY		6-23-08	RT
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE			

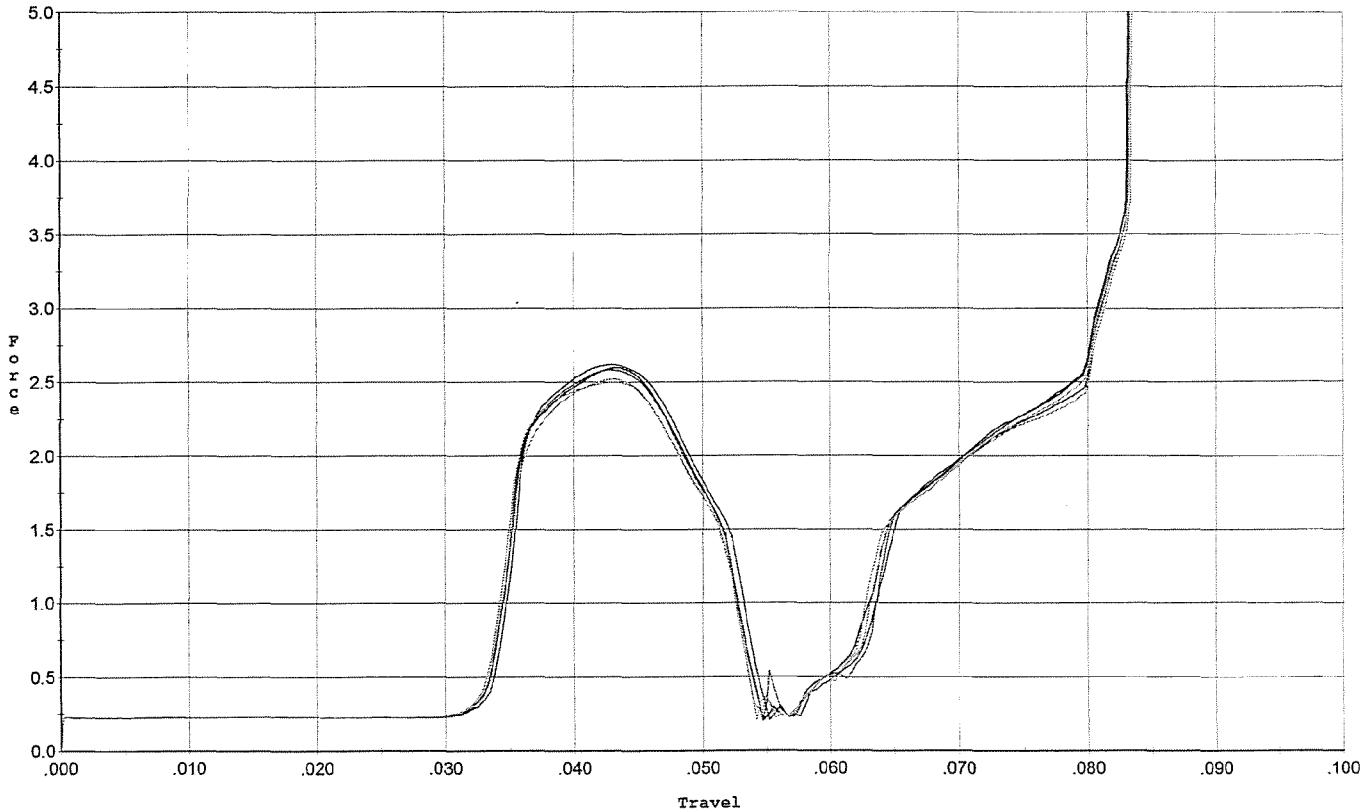
OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6-</u> <u>6-</u> <u>6-</u>	6-25-08	Fm
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3.5</u> <u>3-</u> <u>3-</u>	6-25-08	Fm
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.023</u> <u>.023</u>	4/25/08	Fm
	J) ASSEMBLE STOCK		6-23-08	RTZ
	K) ASSEMBLE SWIVEL STUDS		6-25-08	RTZ
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6-25-08	RTZ
	M) IRON SIGHT ALIGNMENT		6-25-08	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6-25-08	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	6-23-08	TRW
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		6/24/08	med
670	FINAL INSPECTION A) HEADSPACE		6-25-08	RTZ
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.23</u> <u>2.24</u> <u>2.21</u> <u>2.25</u> <u>2.30</u>	6-25-08	Fm
	C) FUNCTION		6-25-08	RTZ
690	PACK		6/27/08	Fm

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



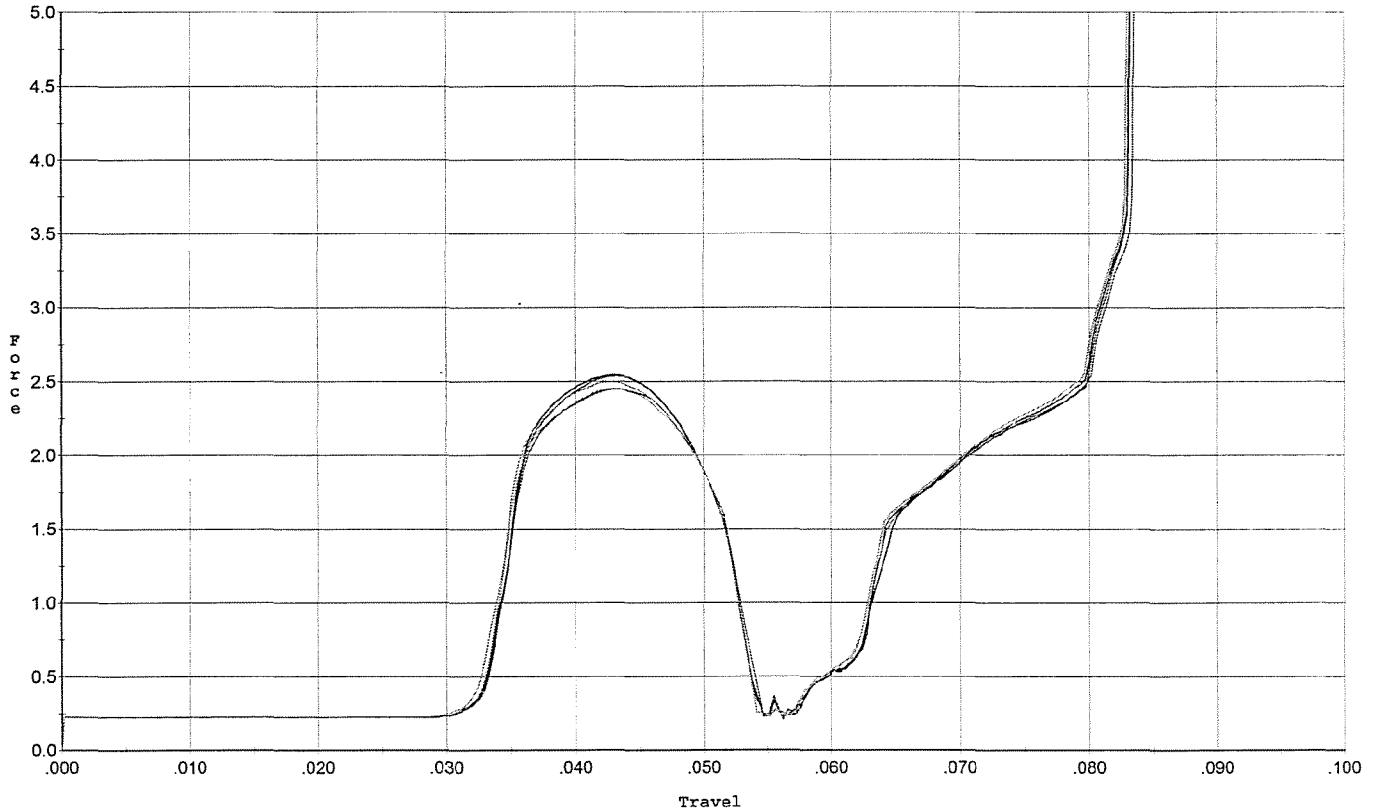
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.616	0.052	0.034	0.036	0.048		Set Trigger
2	2.594	0.052	0.033	0.036	0.047		Set Trigger
3	2.580	0.052	0.033	0.036	0.047		Set Trigger
4	2.521	0.052	0.033	0.036	0.046		Set Trigger
5	2.501	0.052	0.033	0.036	0.047		Set Trigger

AVG 2.56

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



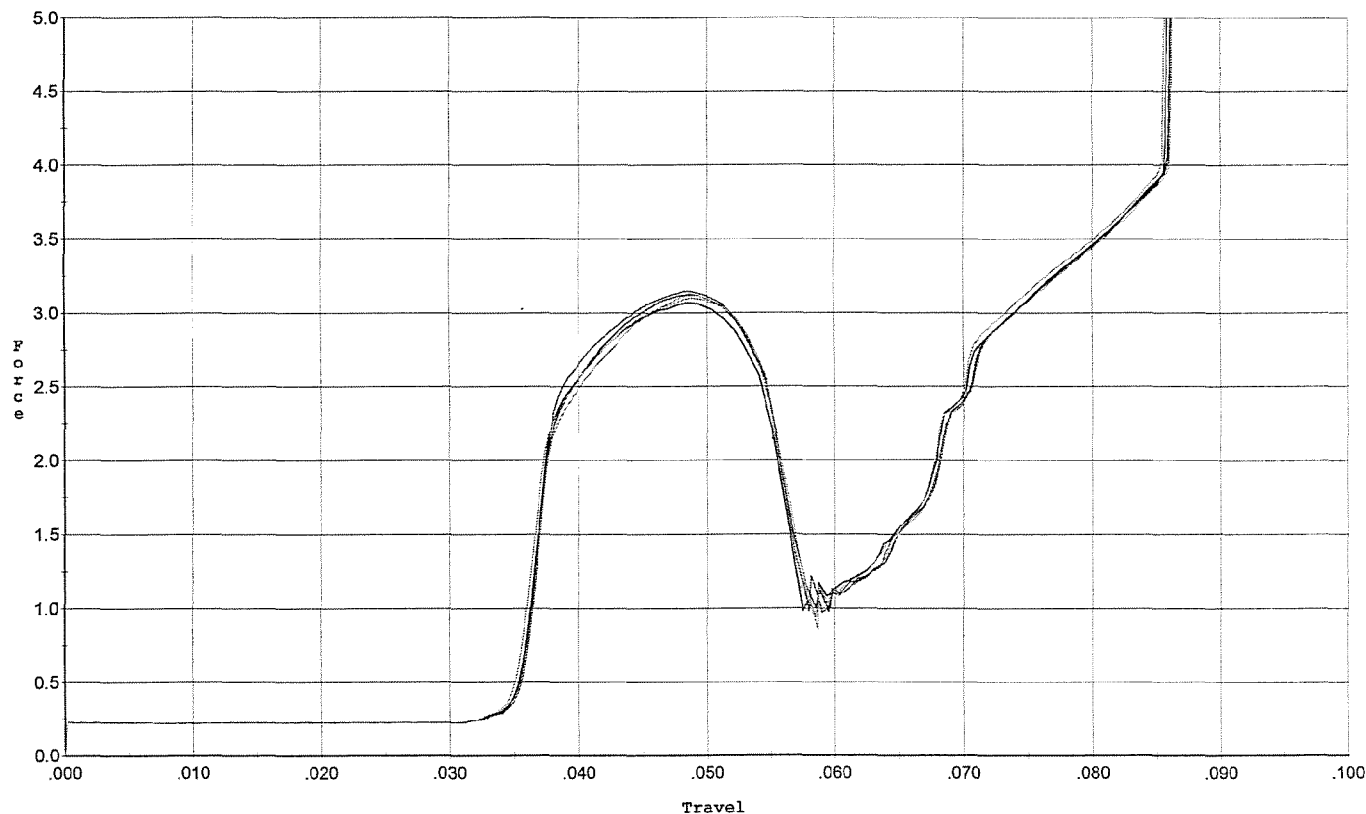
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.542	0.052	0.033	0.036	0.047		Set Trigger
2	2.547	0.052	0.033	0.036	0.047		Set Trigger
3	2.450	0.052	0.033	0.036	0.046		Set Trigger
4	2.452	0.052	0.033	0.036	0.047		Set Trigger
5	2.499	0.052	0.032	0.036	0.047		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



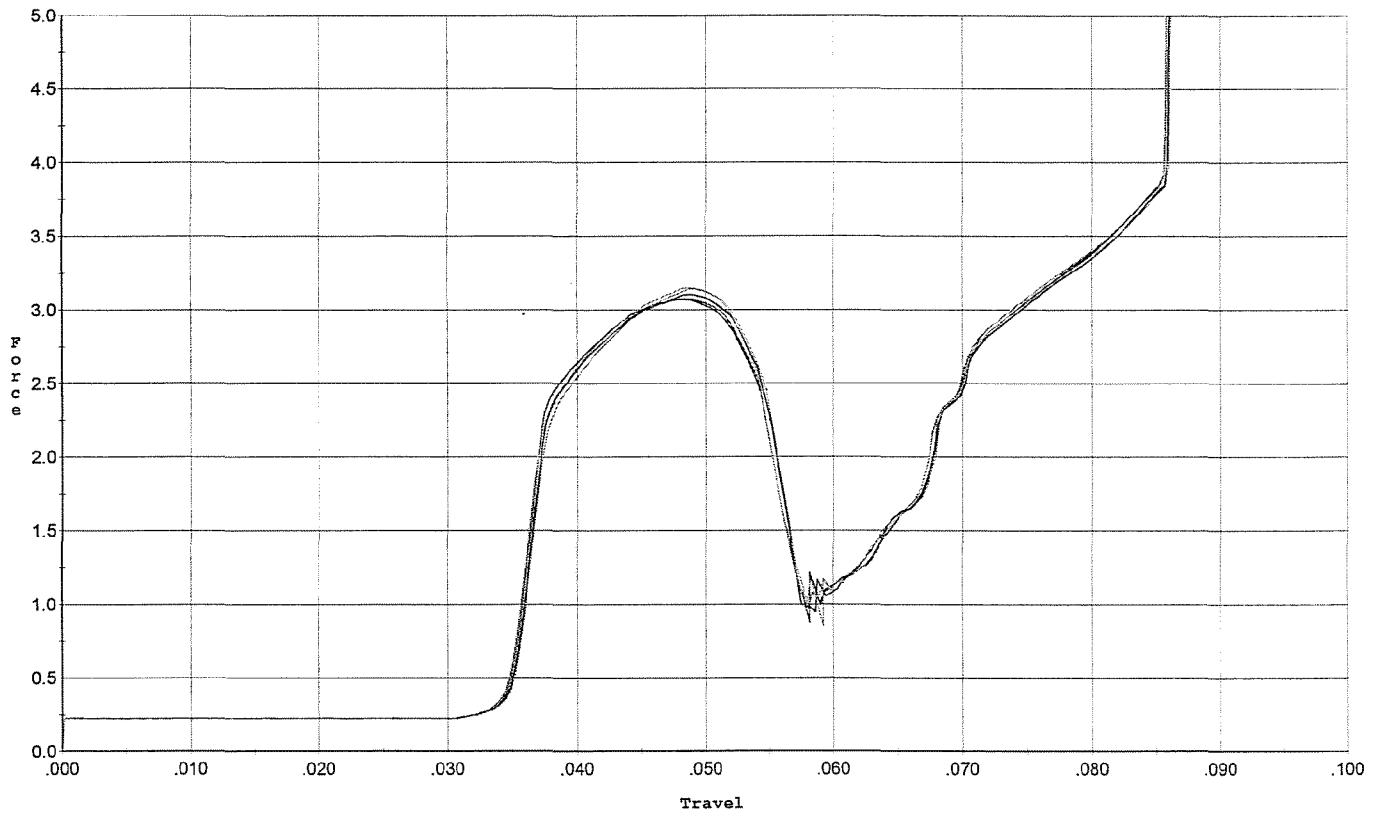
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.123	0.055	0.035	0.036	0.061		Set Trigger
2	3.065	0.055	0.035	0.036	0.061		Set Trigger
3	3.142	0.055	0.035	0.036	0.061		Set Trigger
4	3.098	0.056	0.035	0.036	0.062		Set Trigger
5	3.115	0.055	0.035	0.035	0.061		Set Trigger

Avg 3.10

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



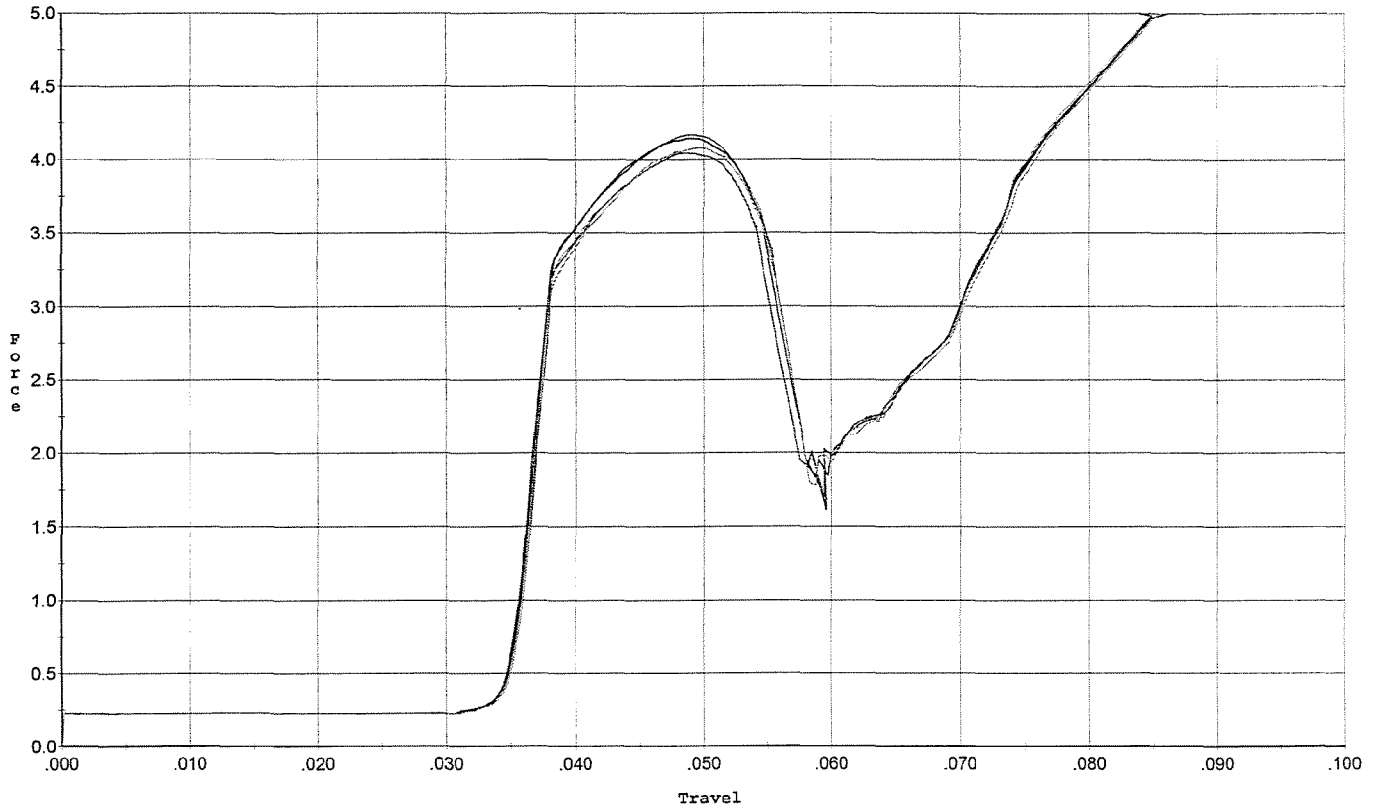
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.070	0.054	0.035	0.036	0.060		Set Trigger
2	3.104	0.055	0.035	0.036	0.062		Set Trigger
3	3.074	0.054	0.034	0.036	0.060		Set Trigger
4	3.151	0.054	0.035	0.036	0.061		Set Trigger
5	3.141	0.055	0.035	0.036	0.061		Set Trigger

Avg 3.10

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putsch 5/30/08

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



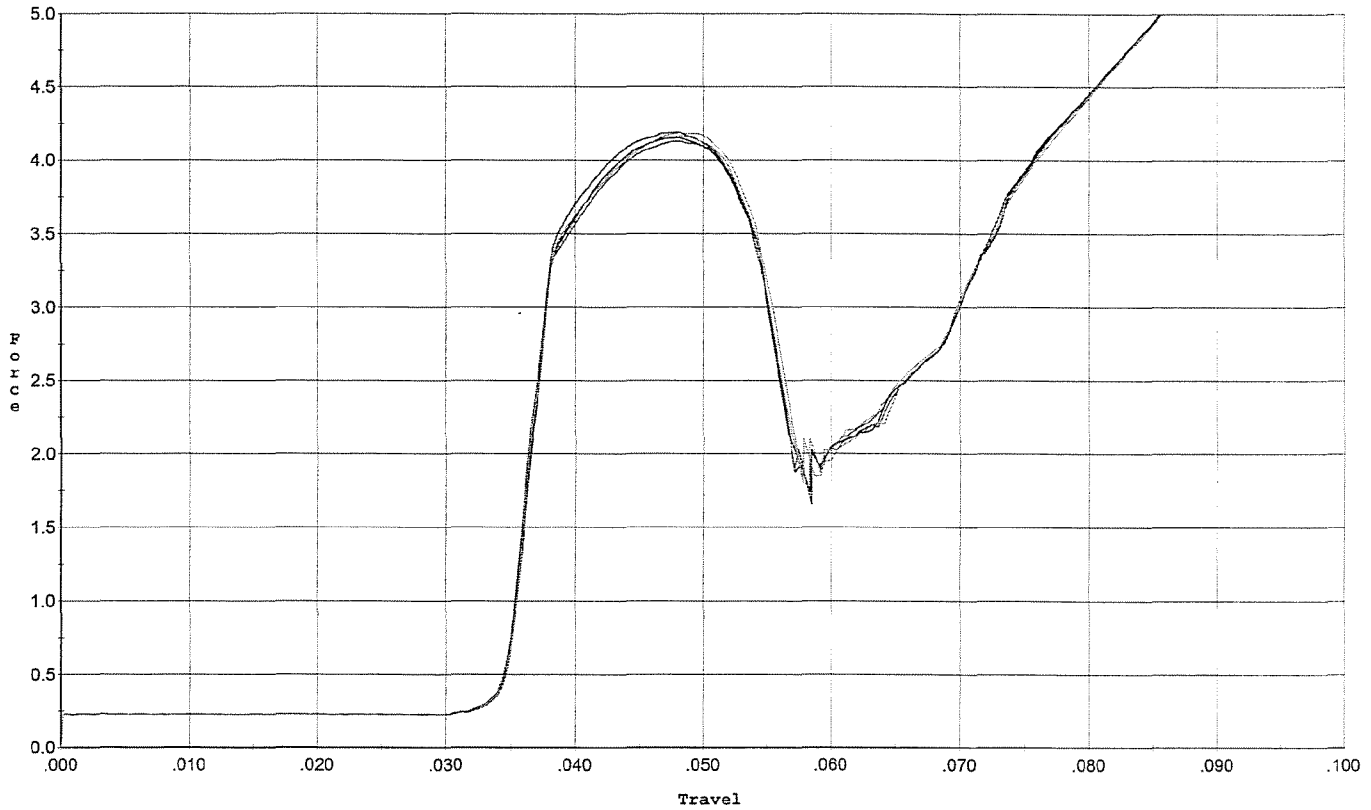
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.167	0.055	0.034	0.035	0.080		Set Trigger
2	4.140	0.055	0.035	0.034	0.082		Set Trigger
3	4.044	0.054	0.034	0.035	0.077		Set Trigger
4	4.081	0.055	0.035	0.034	0.081		Set Trigger
5	4.080	0.056	0.035	0.034	0.081		Set Trigger

Avg 4.10

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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



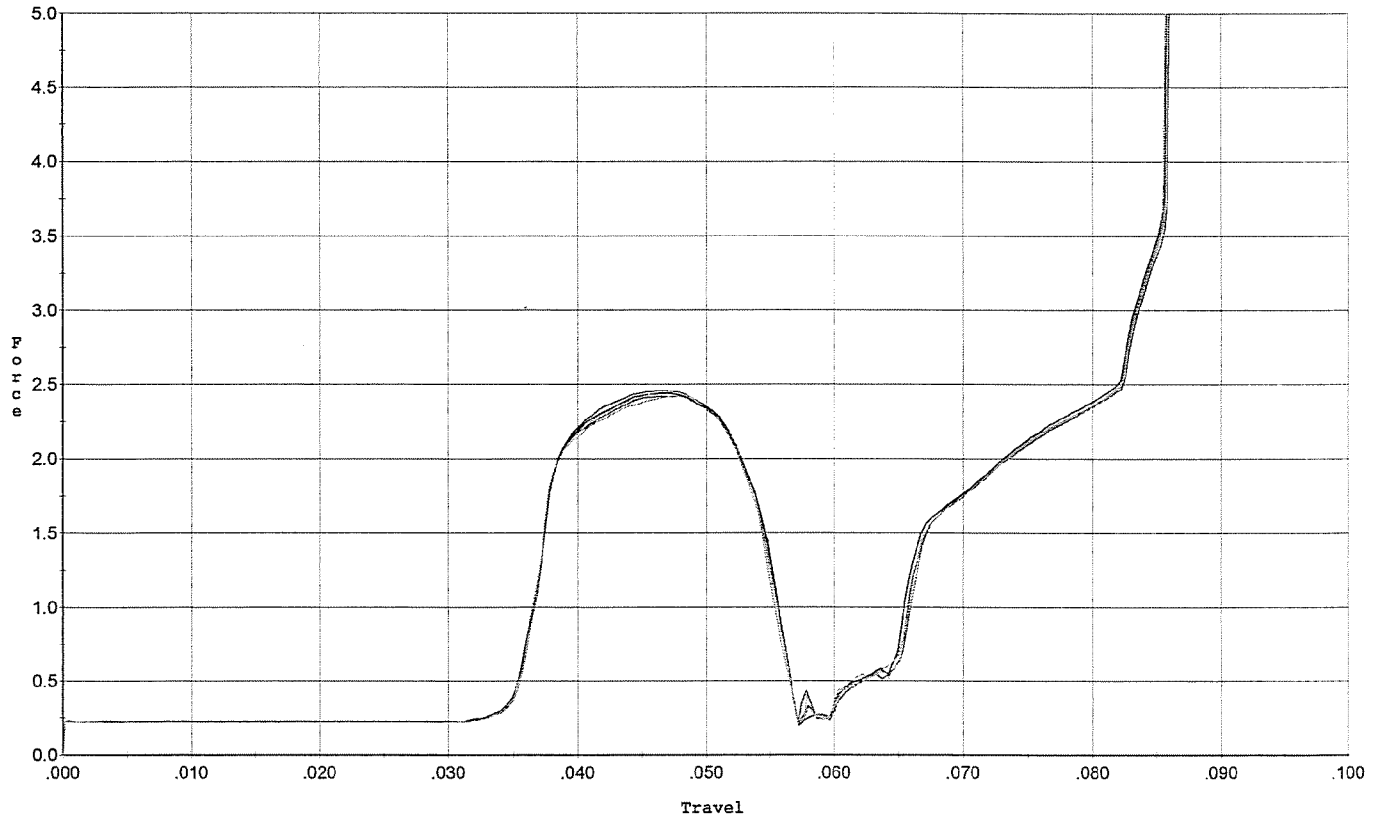
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.188	0.054	0.034	0.035	0.080		Set Trigger
2	4.150	0.055	0.034	0.035	0.080		Set Trigger
3	4.130	0.055	0.034	0.035	0.080		Set Trigger
4	4.187	0.055	0.034	0.034	0.083		Set Trigger
5	4.165	0.054	0.034	0.035	0.080		Set Trigger

AVG 4.16

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 5/30/08

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



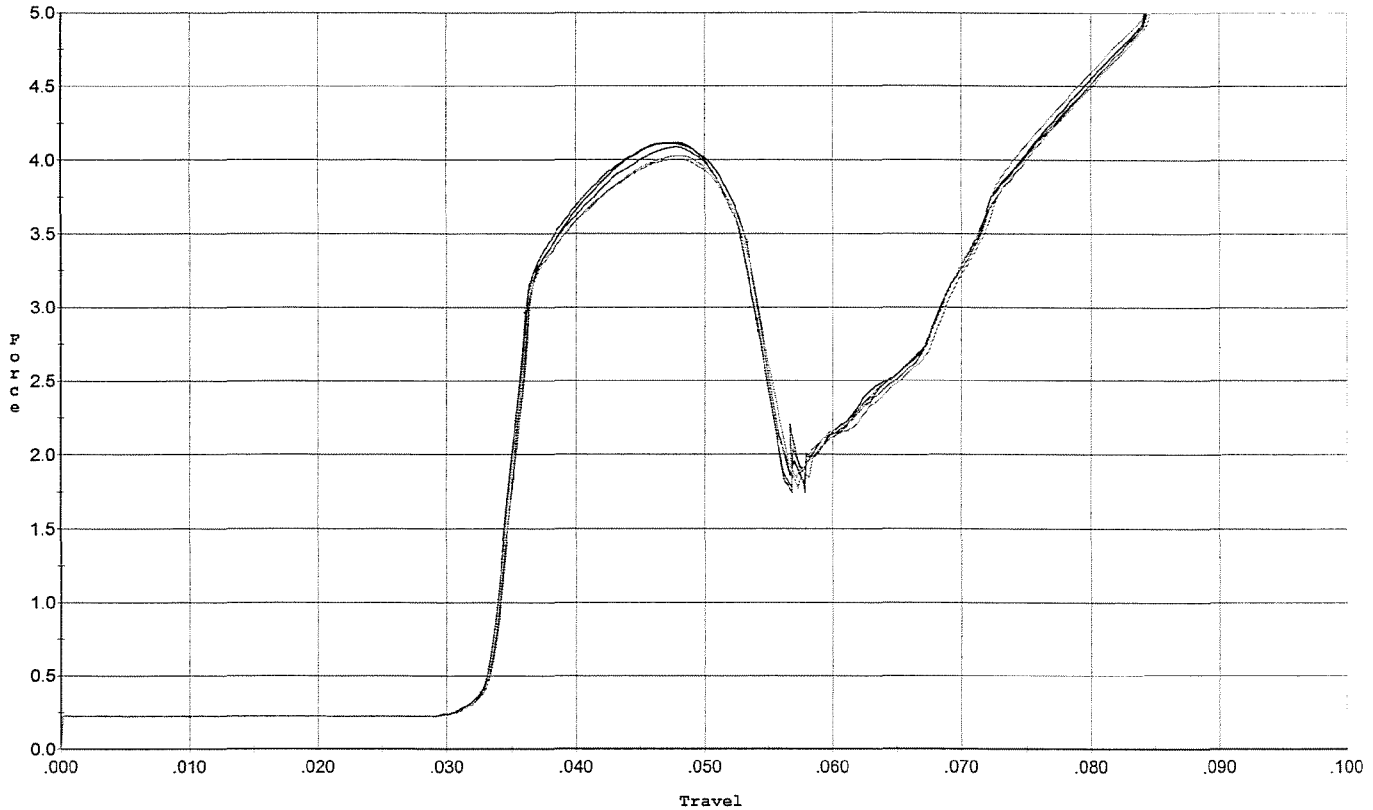
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.459	0.055	0.035	0.037	0.049		Set Trigger
2	2.438	0.055	0.035	0.037	0.049		Set Trigger
3	2.418	0.055	0.035	0.037	0.048		Set Trigger
4	2.418	0.054	0.035	0.037	0.047		Set Trigger
5	2.452	0.055	0.035	0.037	0.049		Set Trigger

Avg 2.43

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 5/30/08

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	4.112	0.054	0.033	0.034	0.081		Set Trigger
2	4.115	0.053	0.033	0.034	0.079		Set Trigger
3	4.089	0.054	0.033	0.034	0.081		Set Trigger
4	4.028	0.053	0.033	0.034	0.078		Set Trigger
5	4.003	0.053	0.033	0.034	0.079		Set Trigger

Avg 4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6749787. __0

FILE DATE AND TIME: 06/23/2008 14:31

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

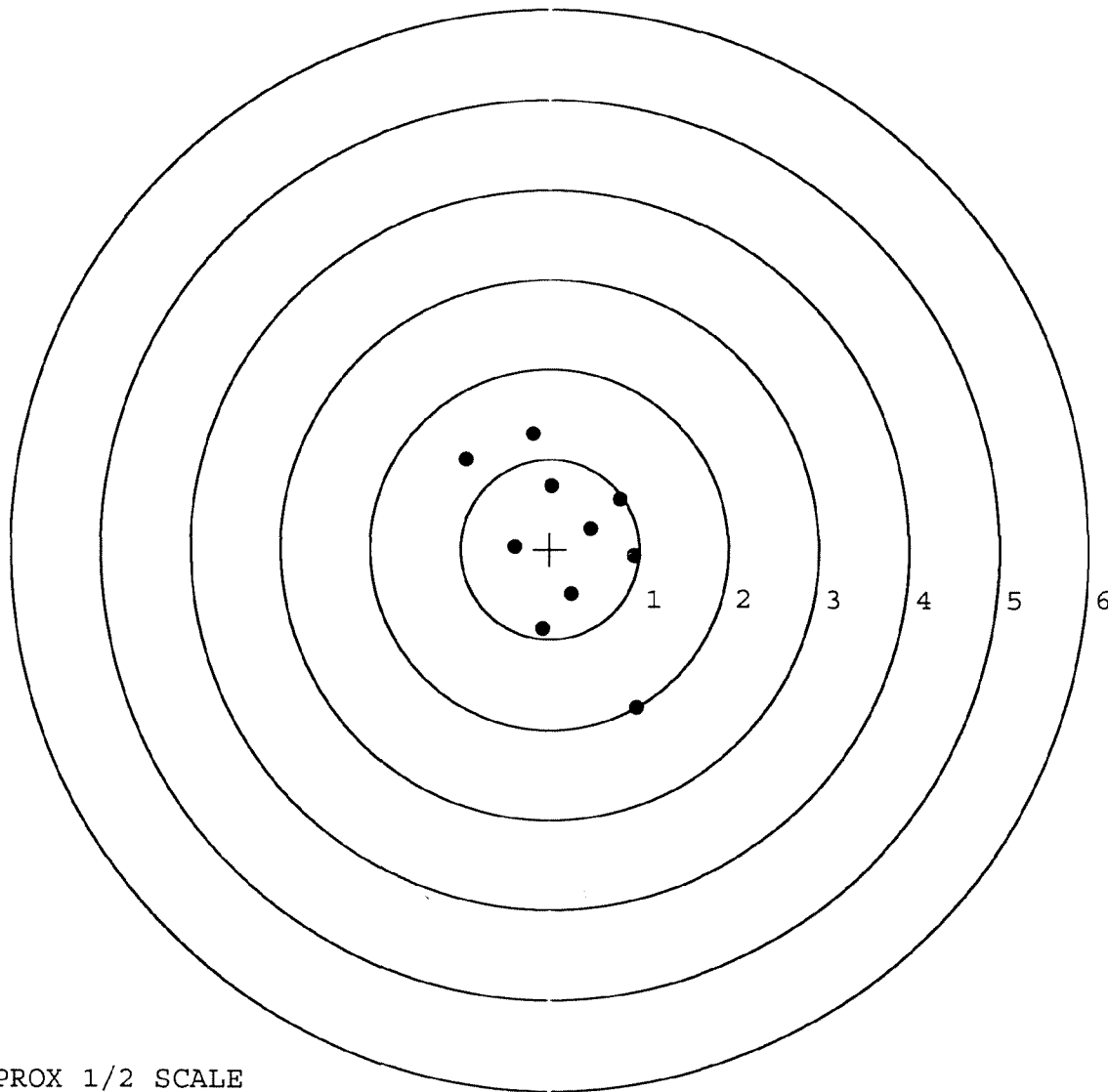
The Average X Centroid of the Five Target Set:	0.051
The Average Y Centroid of the Five Target Set:	-0.138
The Average Point of Impact of the Five Target Set:	0.148
The Average Mean Radius of the Five Target Set:	0.675
The Distance from POA to Centroid Target #1:	0.191
The Distance from Centroid Target #2 to Centroid Target #1:	0.298
The Distance from Centroid Target #3 to Centroid Target #1:	0.232
The Distance from Centroid Target #4 to Centroid Target #1:	0.451
The Distance from Centroid Target #5 to Centroid Target #1:	0.276

BARBER - M24 0138872

SERIAL NUMBER: G6749787. __0
TARGET NUMBER: 1
FILE DATE: 06/23/2008
FILE TIME: 14:31

POINT#	X	Y
1:	0.943	-0.075
2:	0.461	0.229
3:	0.783	-0.555
4:	0.245	-0.503
5:	-0.086	-0.888
6:	-0.395	0.029
7:	0.021	0.701
8:	-0.939	0.999
9:	-0.189	1.284
10:	0.979	-1.759

X CENTROID: 0.182
Y CENTROID: 0.057
POA TO CENTROID: 0.191
HORZ SPREAD: 1.918
VERT SPREAD: 3.043
GROUP SPREAD: 3.359
MIN RADIUS: 0.327
MAX RADIUS: 1.983
MEAN RADIUS: 0.940
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0138873

SERIAL NUMBER: G6749787. __ 0

TARGET NUMBER: 2

FILE DATE: 06/23/2008

FILE TIME: 14:31

POINT#	X	Y
1:	0.038	-0.758
2:	-0.040	-0.335
3:	-0.322	-0.397
4:	-0.604	-0.790
5:	0.578	0.315
6:	-0.053	0.597
7:	0.007	0.358
8:	-0.277	0.322
9:	-0.187	0.013
10:	-0.117	0.240

X CENTROID: -0.098

Y CENTROID: -0.043

POA TO CENTROID: 0.107

HORZ SPREAD: 1.182

VERT SPREAD: 1.387

GROUP SPREAD: 1.618

MIN RADIUS: 0.106

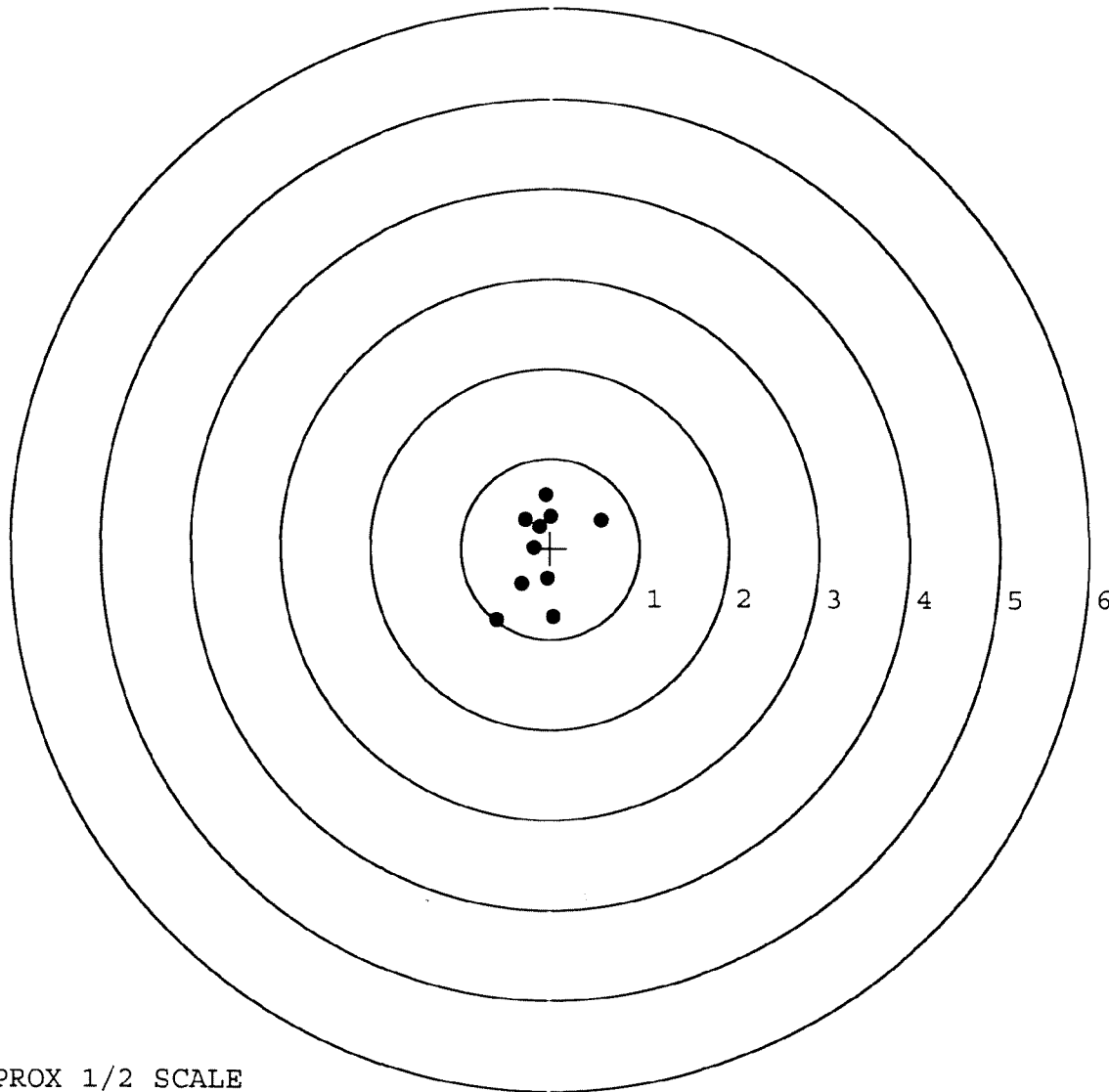
MAX RADIUS: 0.902

MEAN RADIUS: 0.496

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0138874

SERIAL NUMBER: G6749787. __0

TARGET NUMBER: 3

FILE DATE: 06/23/2008

FILE TIME: 14:31

POINT#	X	Y
1:	1.357	-0.586
2:	0.529	-1.121
3:	-0.031	-0.616
4:	0.074	-0.327
5:	-0.271	-0.190
6:	0.441	0.096
7:	0.214	0.317
8:	-0.065	0.272
9:	-0.324	0.275
10:	-0.685	0.208

X CENTROID: 0.124

Y CENTROID: -0.167

POA TO CENTROID: 0.208

HORZ SPREAD: 2.042

VERT SPREAD: 1.438

GROUP SPREAD: 2.191

MIN RADIUS: 0.167

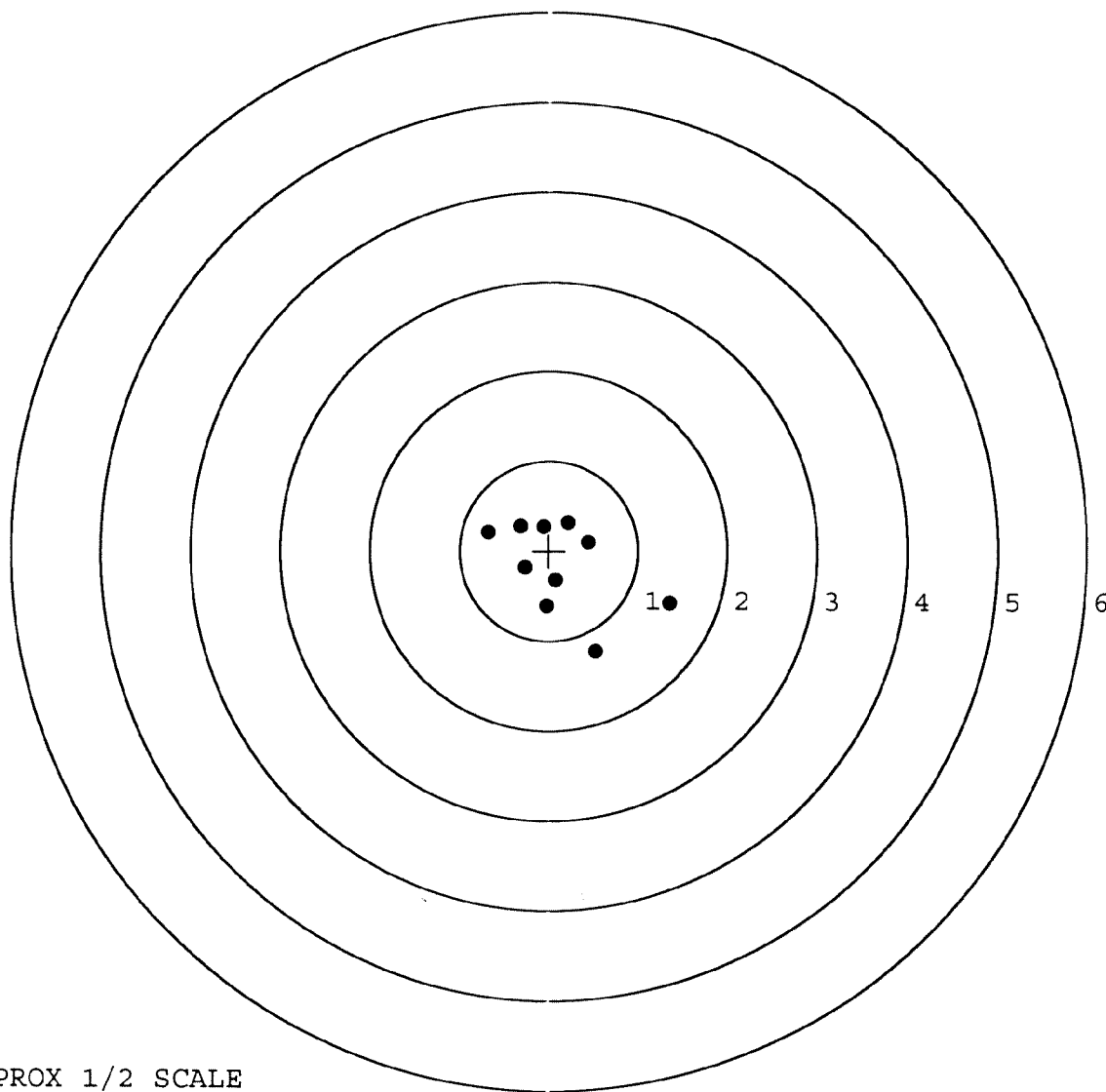
MAX RADIUS: 1.302

MEAN RADIUS: 0.628

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0138875

SERIAL NUMBER: G6749787. __0

TARGET NUMBER: 4

FILE DATE: 06/23/2008

FILE TIME: 14:31

POINT#	X	Y
1:	0.596	-0.412
2:	0.349	-0.376
3:	0.045	-0.425
4:	-0.066	-0.640
5:	0.376	-0.873
6:	0.068	-0.953
7:	-0.701	-0.704
8:	-0.640	-0.061
9:	-0.177	0.235
10:	0.112	0.672

X CENTROID: -0.004

Y CENTROID: -0.354

POA TO CENTROID: 0.354

HORZ SPREAD: 1.297

VERT SPREAD: 1.625

GROUP SPREAD: 1.626

MIN RADIUS: 0.086

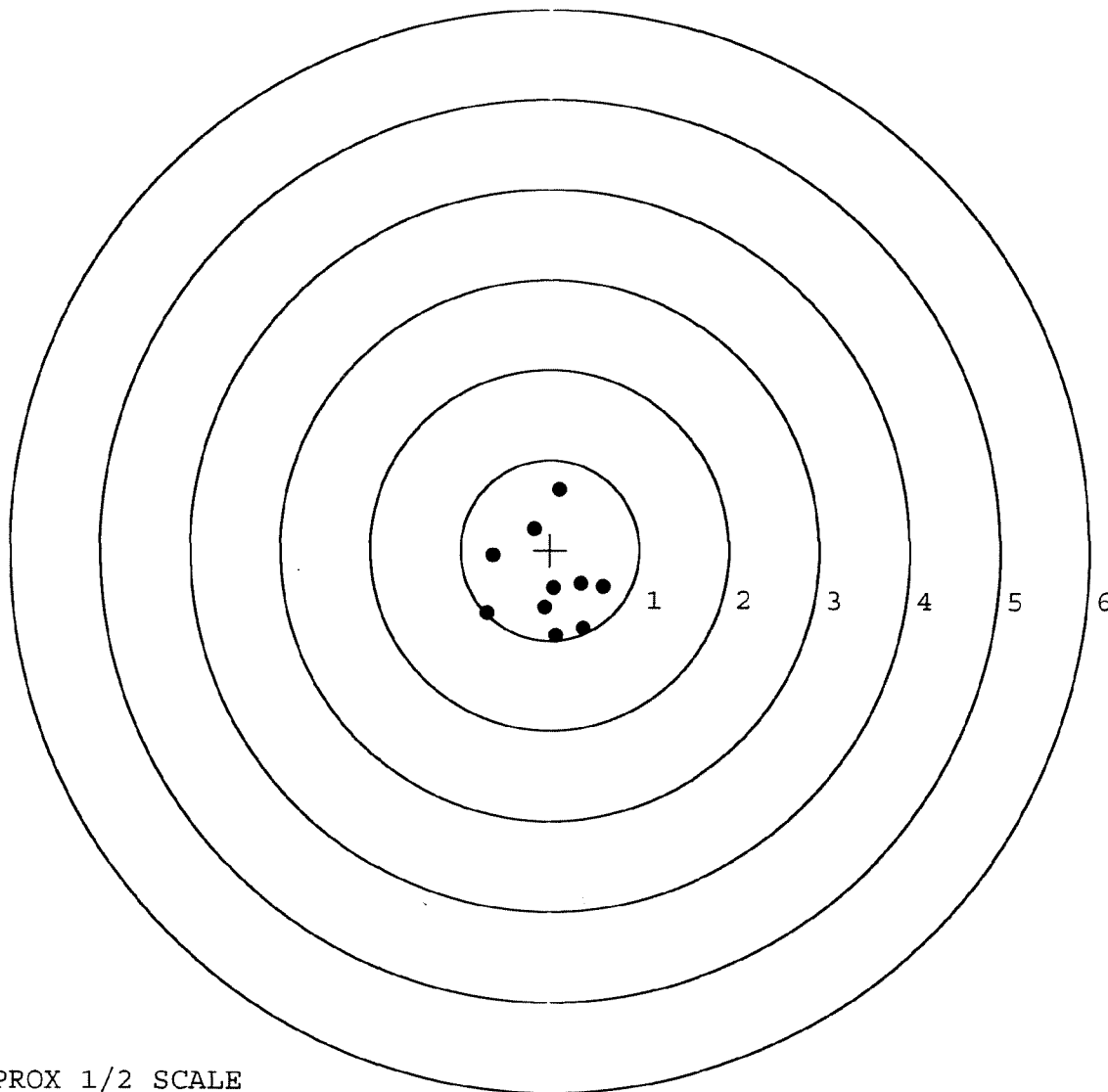
MAX RADIUS: 1.032

MEAN RADIUS: 0.571

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0138876

SERIAL NUMBER: G6749787. 0

TARGET NUMBER: 5

FILE DATE: 06/23/2008

FILE TIME: 14:31

POINT#	X	Y
1:	1.469	-0.080
2:	1.012	0.657
3:	-0.009	1.026
4:	-0.295	-0.015
5:	-0.013	-0.312
6:	-0.002	-0.476
7:	-0.200	-0.465
8:	-0.394	-0.633
9:	-0.603	-0.726
10:	-0.466	-0.828

X CENTROID: 0.050

Y CENTROID: -0.185

POA TO CENTROID: 0.192

HORZ SPREAD: 2.072

VERT SPREAD: 1.854

GROUP SPREAD: 2.170

MIN RADIUS: 0.142

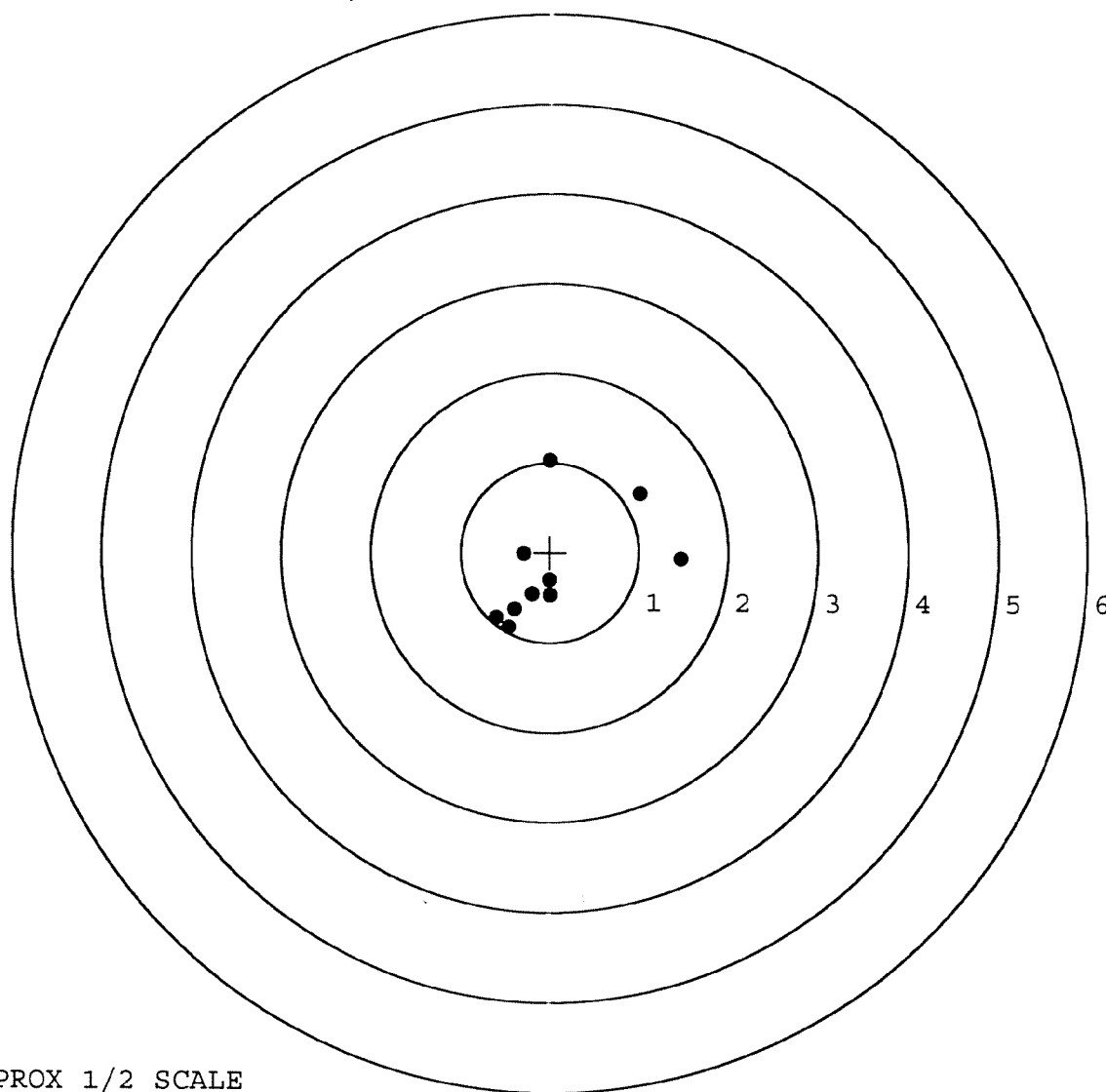
MAX RADIUS: 1.423

MEAN RADIUS: 0.741

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE