

66590136

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

- INSTRUCTION BOOK 3518

DD FORM

proof of purchase



owner registration sticker



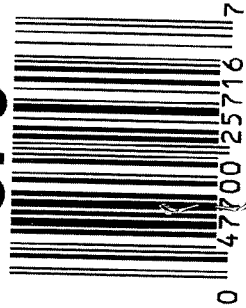
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6590136

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6590136

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-24-06	RTZ
420	ASSEMBLE ACTION		8-24-06	RTZ
430	ASSEMBLE TO STOCK		8-24-06	BD
440	PROOF	MAGNA-FLUX	8-24-06	TRW
460	CHECK HEADSPACE	INSPECTED	8-24-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 01 2006		
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mm</u>	9/1/06	mm
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-1-06	CW
510	DRILL AND TAP SIGHT HOLES		9-1-06	TRW
520	GOFF BLAST BBL / REC		9-5-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/8/06	EB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-11-06	Ac
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-11-06	Ac
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-11-06	Ac
	D) OIL FIRING PIN ASSEMBLY		9-13-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

OP #	OPERATION NAME	BARBER M24 0165289	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6 lbs</u> <u>6 lbs</u> <u>6 lbs</u>	9-27-06	WTH
CONT.					
	G) SAFETY OFF FORCE	2 LBS MIN	<u>3 lbs</u> <u>3 lbs</u> <u>3 lbs</u>	9-27-06	WTH
	H) TRIGGER PULL TEST AND RETAINABILITY				
	I) FIRING PIN INDENT	.020 MIN	<u>.025</u> <u>.025</u> <u>.025</u>	9-27-06	WTH
	J) ASSEMBLE STOCK			9-13-06	RTZ
	K) ASSEMBLE SWIVEL STUDS			10-06-06	L.P.N.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S			9-13-06	RTZ
	M) IRON SIGHT ALIGNMENT			9-13-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER			9-13-06	RTZ
640 &	FUNCTION TEST AND		<u>PASS</u> FAIL		
650	TARGET		<u>PASS</u> FAIL	9-13-06	L.P.N.
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
	MALFUNCTION		CORRECTION		
660	INSPECT FOR LIVE AMMO			9/13/06	M.P.D.
670	FINAL INSPECTION A) HEADSPACE			10-6-06	L.P.N.
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.46</u> <u>2.42</u> <u>2.52</u> <u>2.49</u> <u>2.53</u>	9-15-06	DA
	C) FUNCTION			10-6-06	L.P.N.
690	PACK			10-27-06	DA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0165289 0165328

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590136.__0
FILE DATE AND TIME: 09/14/2006 05:24

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.010
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.015
The Average Mean Radius of the Five Target Set:	0.551
The Distance from POA to Centroid Target #1:	0.117
The Distance from Centroid Target #2 to Centroid Target #1:	0.089
The Distance from Centroid Target #3 to Centroid Target #1:	0.227
The Distance from Centroid Target #4 to Centroid Target #1:	0.171
The Distance from Centroid Target #5 to Centroid Target #1:	0.069

SERIAL NUMBER: G6590136. __0

TARGET NUMBER: 1

FILE DATE: 09/14/2006

FILE TIME: 05:24

X CENTROID: -0.116

Y CENTROID: 0.009

POA TO CENTROID: 0.117

HORZ SPREAD: 1.787

VERT SPREAD: 1.312

GROUP SPREAD: 1.876

MIN RADIUS: 0.270

MAX RADIUS: 1.276

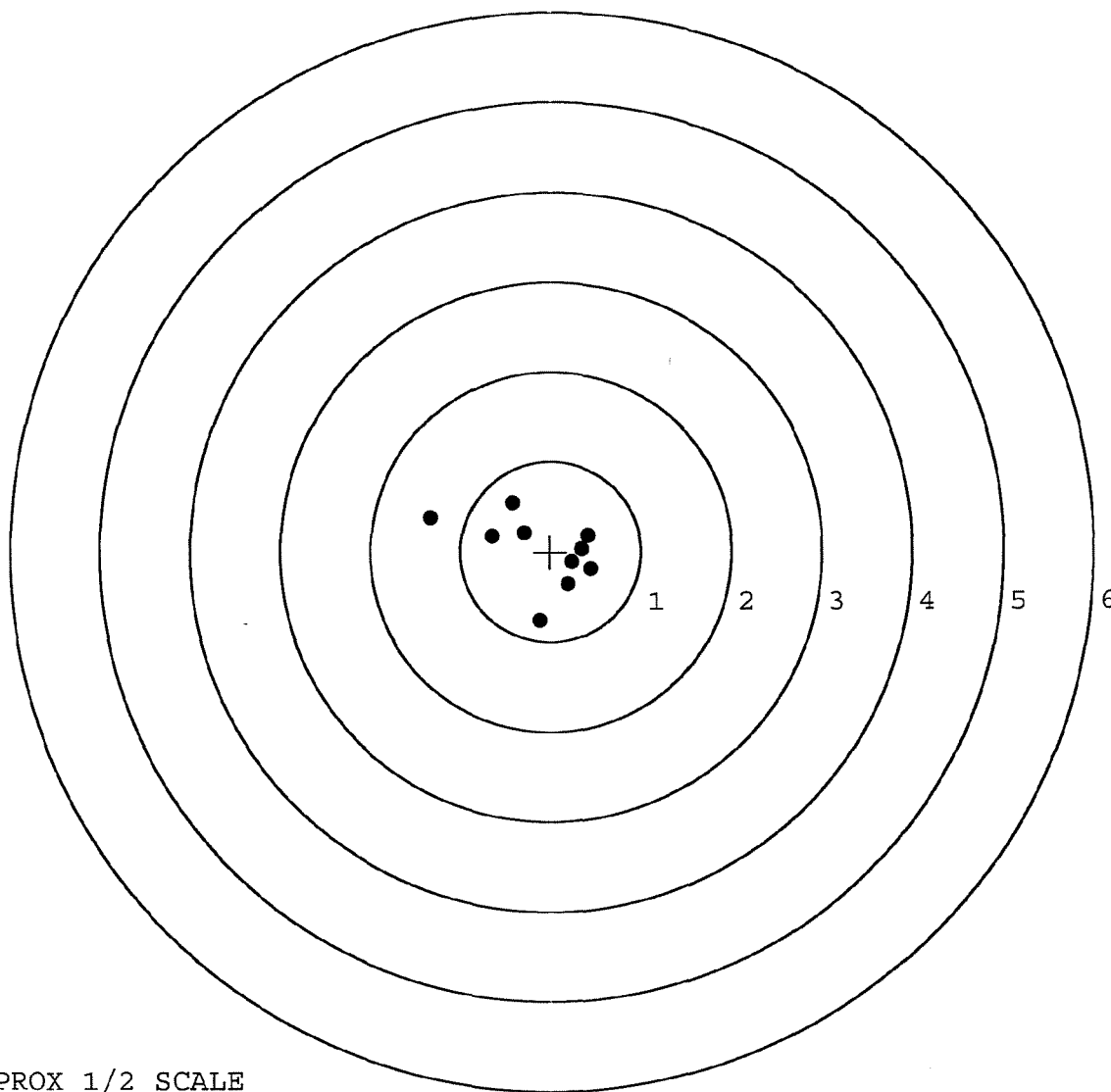
MEAN RADIUS: 0.599

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.336	0.383
2:	-0.426	0.541
3:	-0.644	0.176
4:	-0.298	0.209
5:	-0.123	-0.771
6:	0.423	0.184
7:	0.352	0.035
8:	0.242	-0.115
9:	0.195	-0.360
10:	0.451	-0.188



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590136. 0

TARGET NUMBER: 2

FILE DATE: 09/14/2006

FILE TIME: 05:24

POINT#	X	Y
1:	0.490	0.930
2:	0.740	-0.660
3:	0.530	0.044
4:	-0.211	-0.585
5:	-0.389	-0.278
6:	-0.595	0.189
7:	-0.119	0.348
8:	-0.118	-0.060
9:	-0.379	0.264
10:	-0.234	0.033

X CENTROID: -0.029

Y CENTROID: 0.023

POA TO CENTROID: 0.036

HORZ SPREAD: 1.335

VERT SPREAD: 1.590

GROUP SPREAD: 1.669

MIN RADIUS: 0.122

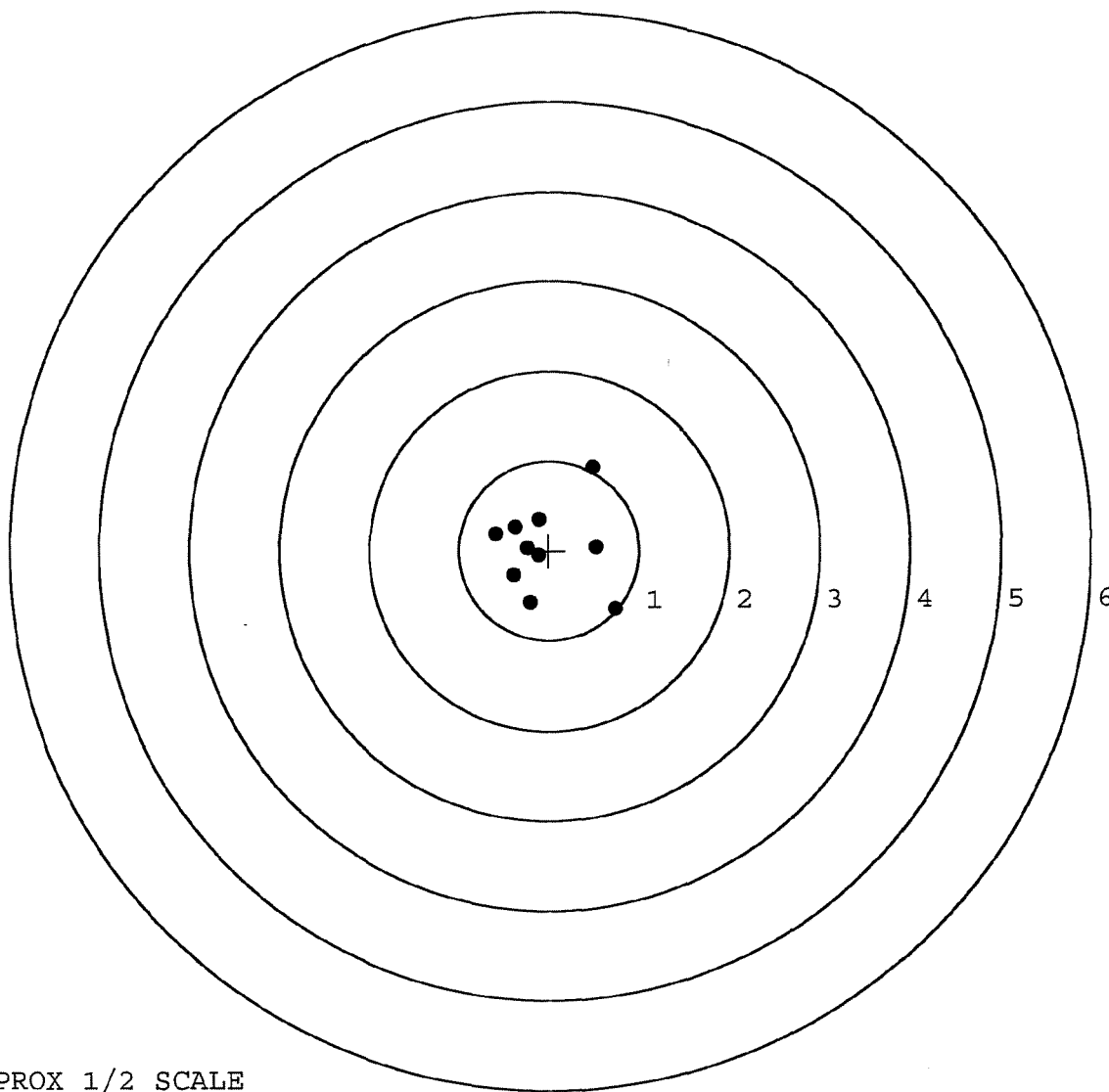
MAX RADIUS: 1.045

MEAN RADIUS: 0.542

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590136. 0

TARGET NUMBER: 3

FILE DATE: 09/14/2006

FILE TIME: 05:24

X CENTROID: 0.093

Y CENTROID: -0.078

POA TO CENTROID: 0.122

HORZ SPREAD: 1.207

VERT SPREAD: 1.680

GROUP SPREAD: 1.773

MIN RADIUS: 0.244

MAX RADIUS: 1.127

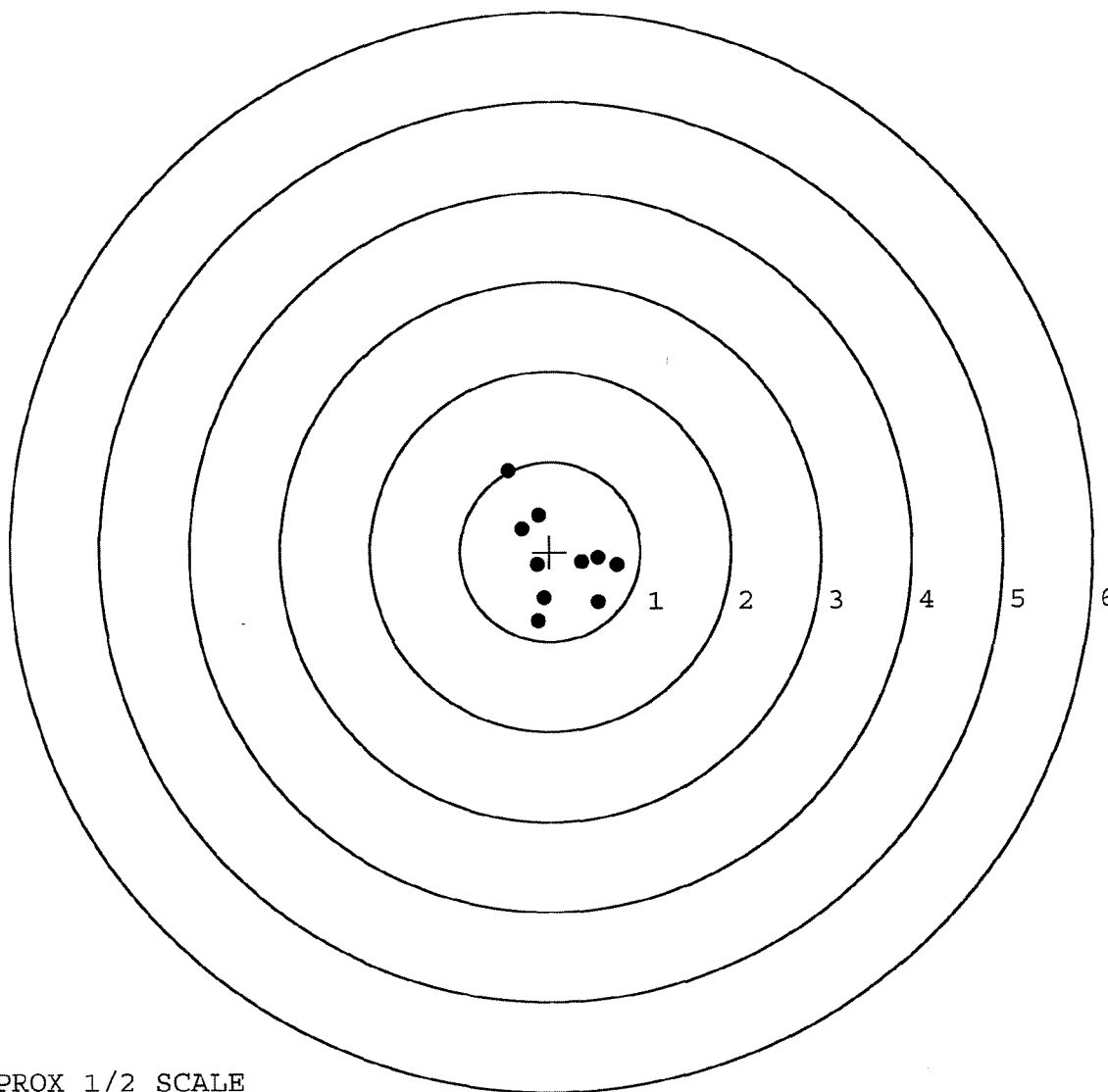
MEAN RADIUS: 0.567

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.461	0.903
2:	-0.127	0.412
3:	-0.314	0.257
4:	-0.140	-0.149
5:	-0.069	-0.516
6:	-0.138	-0.777
7:	0.538	-0.562
8:	0.746	-0.157
9:	0.540	-0.071
10:	0.358	-0.119



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590136. 0

TARGET NUMBER: 4

FILE DATE: 09/14/2006

FILE TIME: 05:24

X CENTROID: 0.055

Y CENTROID: -0.001

POA TO CENTROID: 0.055

HORZ SPREAD: 1.214

VERT SPREAD: 1.168

GROUP SPREAD: 1.414

MIN RADIUS: 0.067

MAX RADIUS: 0.856

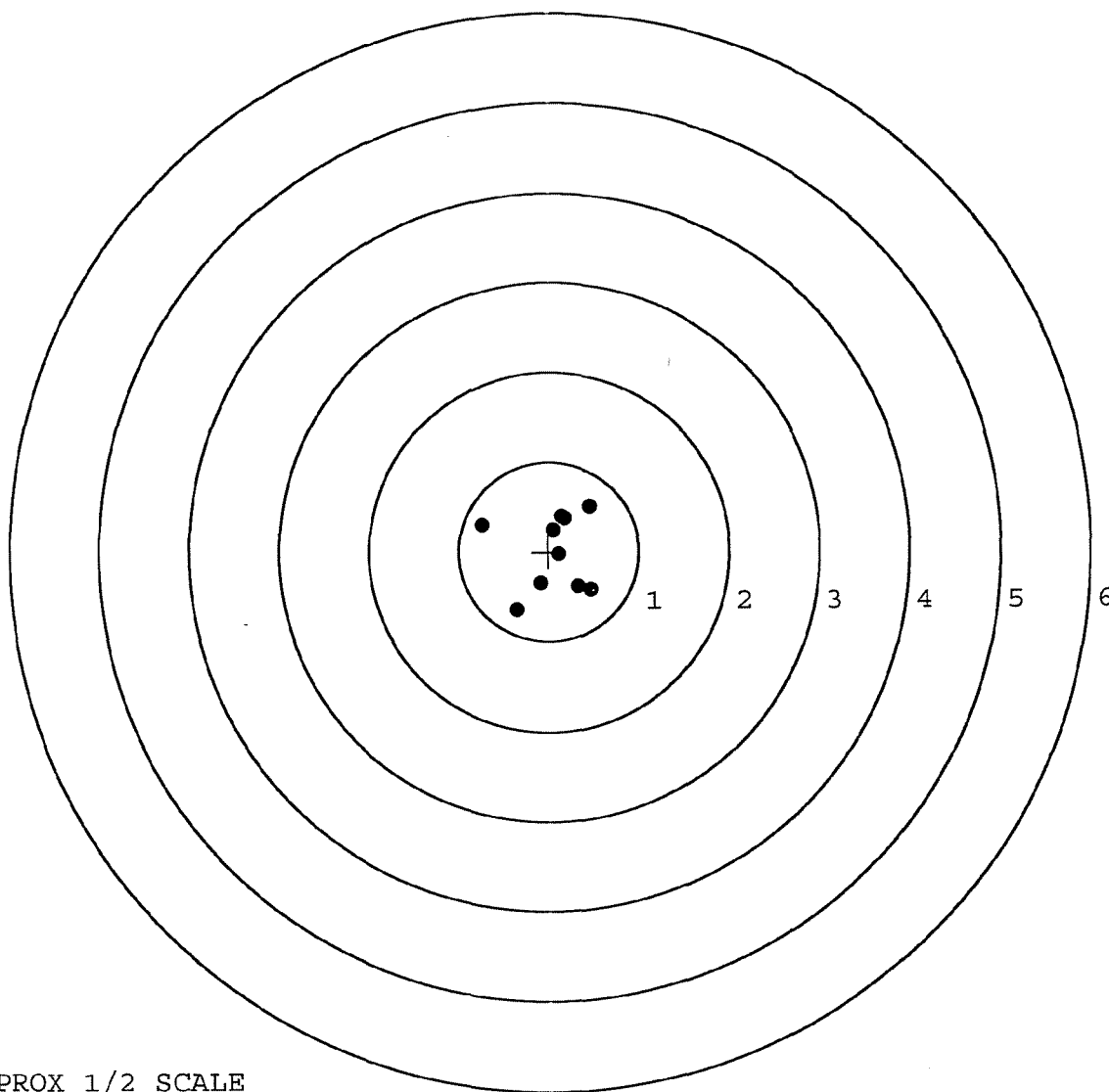
MEAN RADIUS: 0.484

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.746	0.301
2:	-0.354	-0.657
3:	-0.093	-0.357
4:	0.454	0.511
5:	0.143	0.399
6:	0.055	0.245
7:	0.115	-0.030
8:	0.468	-0.424
9:	0.329	-0.381
10:	0.176	0.379



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590136. 0

TARGET NUMBER: 5

FILE DATE: 09/14/2006

FILE TIME: 05:24

POINT#	X	Y
1:	0.413	0.625
2:	0.196	0.467
3:	-0.876	0.228
4:	-0.402	0.249
5:	-0.493	-0.656
6:	0.224	-0.592
7:	0.842	-0.038
8:	0.094	-0.055
9:	-0.181	-0.110
10:	-0.330	-0.248

X CENTROID: -0.051

Y CENTROID: -0.013

POA TO CENTROID: 0.053

HORZ SPREAD: 1.718

VERT SPREAD: 1.281

GROUP SPREAD: 1.738

MIN RADIUS: 0.151

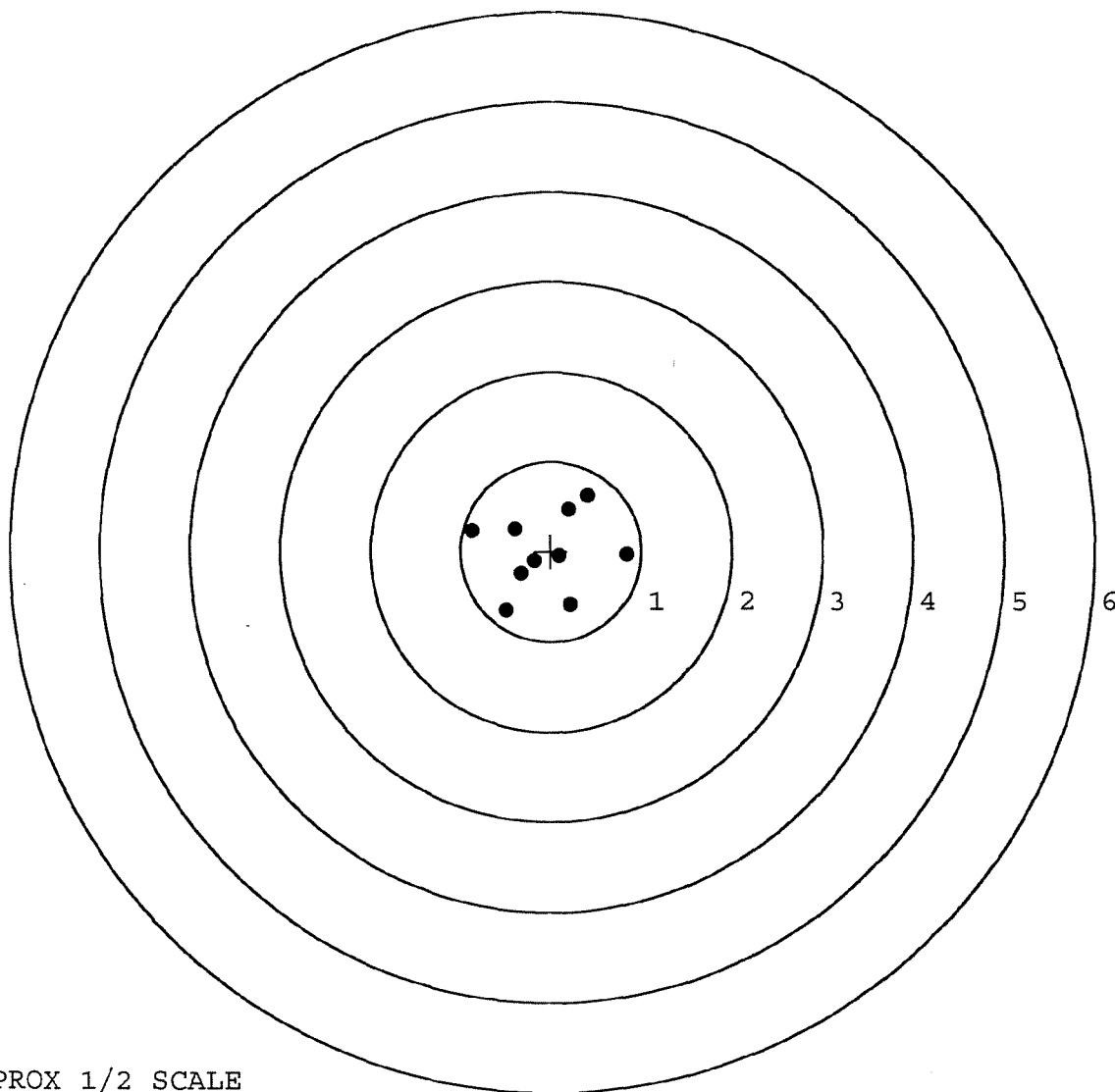
MAX RADIUS: 0.894

MEAN RADIUS: 0.562

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0165296**AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS**

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 9-12-06TESTER MJM

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.59	2.54		2.53	
PULL #2	2.53	2.59		2.56	
PULL #3	2.49	2.55		2.61	
PULL #4	2.49	2.56		2.54	
PULL #5	2.67	2.52		2.65	
TOTAL	12.77	12.76		12.89	
AVERAGE	2.55	2.55		2.58	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.94	3.11		
PULL #2	2.95	3.10		
PULL #3	2.91	3.12		
PULL #4	2.96	3.15		
PULL #5	3.00	3.27		
TOTAL	14.76	15.75		
AVERAGE	2.95	3.15		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.14	3.98		3.95
PULL #2	4.11	4.19		3.98
PULL #3	4.00	4.08		4.04
PULL #4	4.01	4.03		4.11
PULL #5	3.98	4.28		4.13
TOTAL	20.24	20.56		20.21
AVERAGE	4.05	4.11		4.04