

G6590190

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



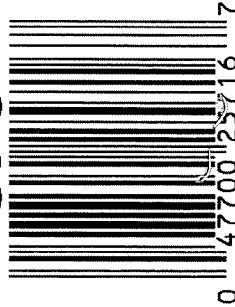
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6590190

UPC



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



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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G-6590190

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-16-06	RTZ
420	ASSEMBLE ACTION		8-16-06	RTZ
430	ASSEMBLE TO STOCK			
440	PROOF	MAGNA-FLUX	8-16-06	S.P.D.
460	CHECK HEADSPACE	INSPECTED	8-16-06	S.P.D.
470	DIS-ASSEMBLE ACTION	AUG 17 2006		
480	MAGNAFLUX BBL ACTION	OPERATOR <i>mm</i>	8/17/06	<i>mm</i>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-17-06	CW
510	DRILL AND TAP SIGHT HOLES		8-17-06	TRW
520	GOFF BLAST BBL / REC		8-18-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/24/06	FB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10/11/06	mm
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/11/06	mm
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/11/06	mm
	D) OIL FIRING PIN ASSEMBLY		9-7-06	BLC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/11/06	mm

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.5</u> <u>6.0</u> <u>6.0</u>	9-14-06	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>3.0</u>	9-14-06	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/11/06	MM
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	9-14-06	DA
	J) ASSEMBLE STOCK		9-7-06	BLG
	K) ASSEMBLE SWIVEL STUDS		10/11/06	MM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-7-06	BLG
	M) IRON SIGHT ALIGNMENT		9-7-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-7-06	BLG
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL <u>PASS</u> FAIL	9-13-06	TRW
	MALFUNCTION <i>MCW</i>	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION <i>N/A</i>		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-13-06	SD
670	FINAL INSPECTION A) HEADSPACE		10/11/06	MM
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.23</u> <u>2.23</u> <u>2.15</u> <u>2.13</u> <u>2.18</u>	9-14-06	DA
	C) FUNCTION		10/11/06	MM
690	PACK		11/1/06	DA

F004 REV 5/2006

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~0166492~~ M2400166491

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590190.___0
FILE DATE AND TIME: 09/14/2006 01:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.000
The Average Y Centroid of the Five Target Set:	0.009
The Average Point of Impact of the Five Target Set:	0.009
The Average Mean Radius of the Five Target Set:	0.719
The Distance from POA to Centroid Target #1:	0.090
The Distance from Centroid Target #2 to Centroid Target #1:	0.294
The Distance from Centroid Target #3 to Centroid Target #1:	0.189
The Distance from Centroid Target #4 to Centroid Target #1:	0.159
The Distance from Centroid Target #5 to Centroid Target #1:	0.254

BARBER - M24 0166454

SERIAL NUMBER: G6590190. __0

TARGET NUMBER: 1

FILE DATE: 09/14/2006

FILE TIME: 01:37

POINT#	X	Y
1:	-1.518	1.009
2:	-0.103	0.917
3:	-0.305	0.473
4:	0.321	0.131
5:	1.413	-0.334
6:	0.375	-1.247
7:	-0.200	-1.177
8:	0.004	-0.823
9:	-1.327	-0.625
10:	2.152	1.278

X CENTROID: 0.081

Y CENTROID: -0.040

POA TO CENTROID: 0.090

HORZ SPREAD: 3.670

VERT SPREAD: 2.525

GROUP SPREAD: 3.965

MIN RADIUS: 0.294

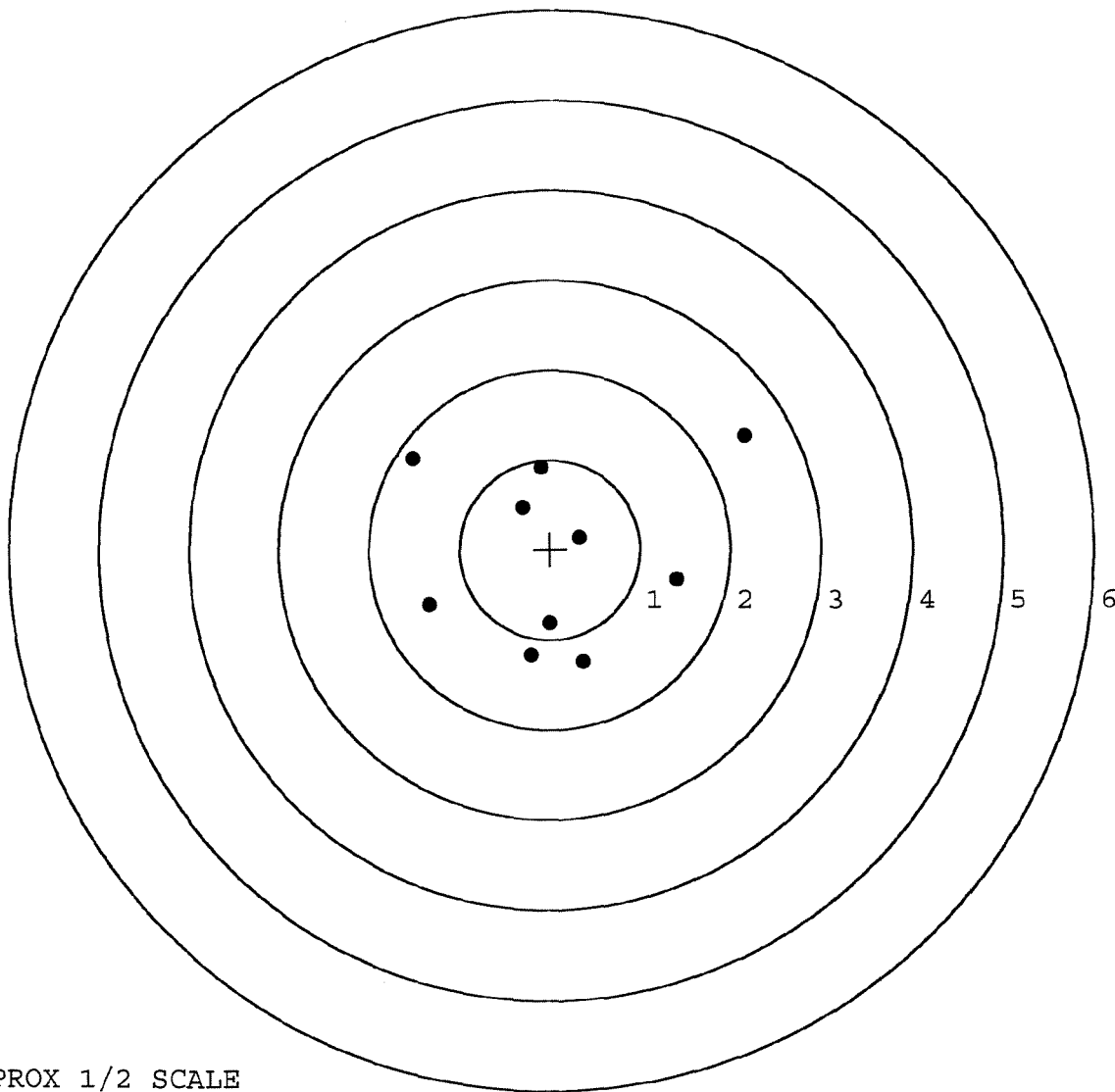
MAX RADIUS: 2.455

MEAN RADIUS: 1.237

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

BARBER - M24 0166455

SERIAL NUMBER: G6590190. __0

TARGET NUMBER: 2

FILE DATE: 09/14/2006

FILE TIME: 01:37

POINT#	X	Y
1:	0.522	-0.389
2:	-0.962	-1.048
3:	-0.693	0.267
4:	-0.426	0.150
5:	-0.353	0.349
6:	-0.285	0.494
7:	0.038	0.349
8:	0.256	0.415
9:	0.388	0.443
10:	0.210	0.609

X CENTROID: -0.131

Y CENTROID: 0.164

POA TO CENTROID: 0.210

HORZ SPREAD: 1.484

VERT SPREAD: 1.657

GROUP SPREAD: 2.030

MIN RADIUS: 0.250

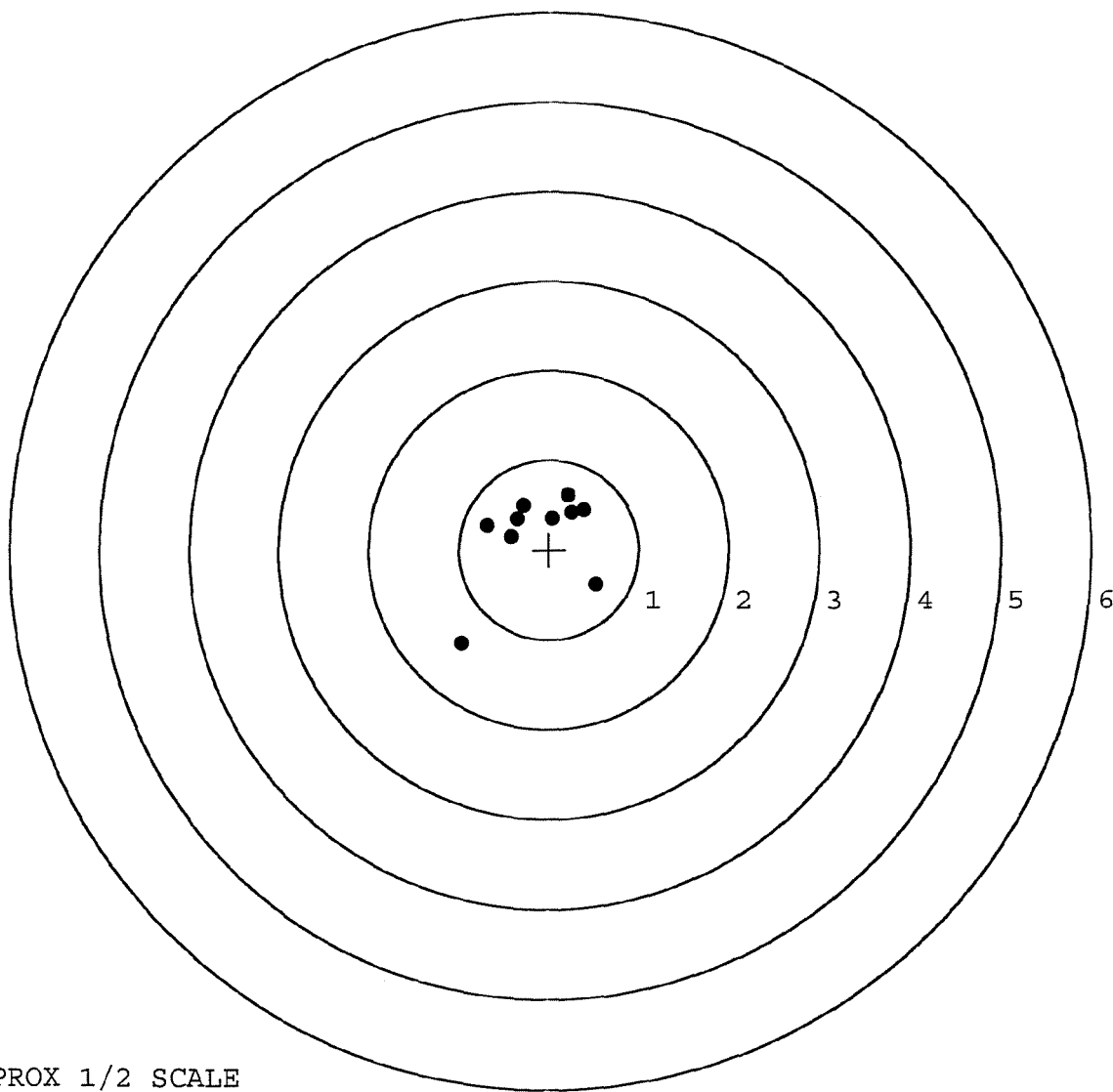
MAX RADIUS: 1.470

MEAN RADIUS: 0.571

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0166456

SERIAL NUMBER: G6590190.____0

TARGET NUMBER: 3

FILE DATE: 09/14/2006

FILE TIME: 01:37

POINT#	X	Y
1:	-0.491	-1.670
2:	-0.479	-0.784
3:	0.391	-0.445
4:	0.531	0.265
5:	0.224	-0.055
6:	0.335	0.279
7:	0.151	0.458
8:	-0.210	0.068
9:	-0.455	-0.201
10:	-0.510	0.335

X CENTROID: -0.051

Y CENTROID: -0.175

POA TO CENTROID: 0.182

HORZ SPREAD: 1.041

VERT SPREAD: 2.128

GROUP SPREAD: 2.223

MIN RADIUS: 0.290

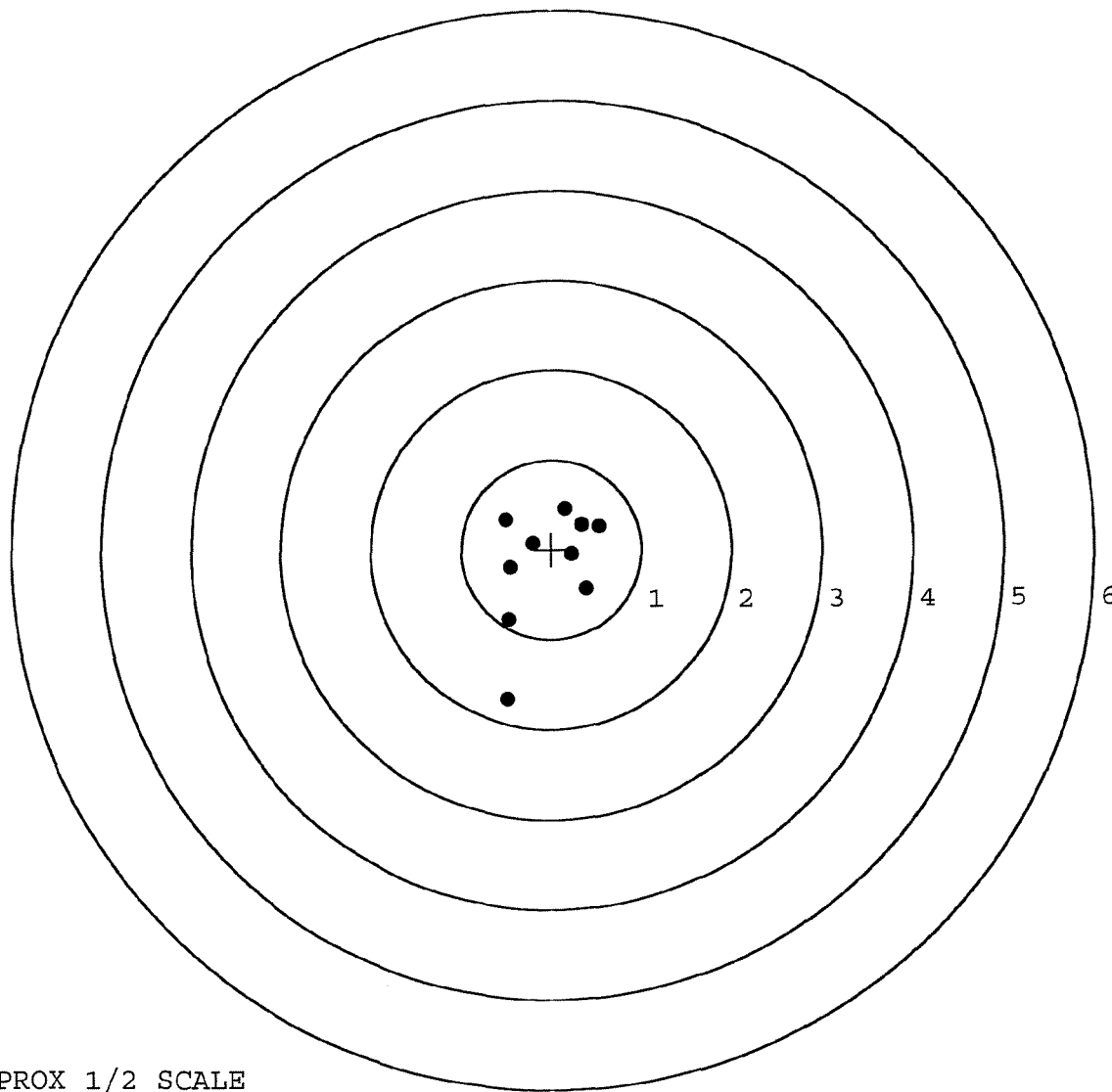
MAX RADIUS: 1.558

MEAN RADIUS: 0.649

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0166457

SERIAL NUMBER: G6590190. __0

TARGET NUMBER: 4

FILE DATE: 09/14/2006

FILE TIME: 01:37

POINT#	X	Y
1:	0.337	1.023
2:	1.134	0.057
3:	-0.094	-0.678
4:	0.318	-0.584
5:	0.490	-0.143
6:	0.345	-0.051
7:	0.239	0.079
8:	-0.267	0.147
9:	-0.506	0.156
10:	0.351	-0.005

X CENTROID: 0.235

Y CENTROID: 0.000

POA TO CENTROID: 0.235

HORZ SPREAD: 1.640

VERT SPREAD: 1.701

GROUP SPREAD: 1.755

MIN RADIUS: 0.079

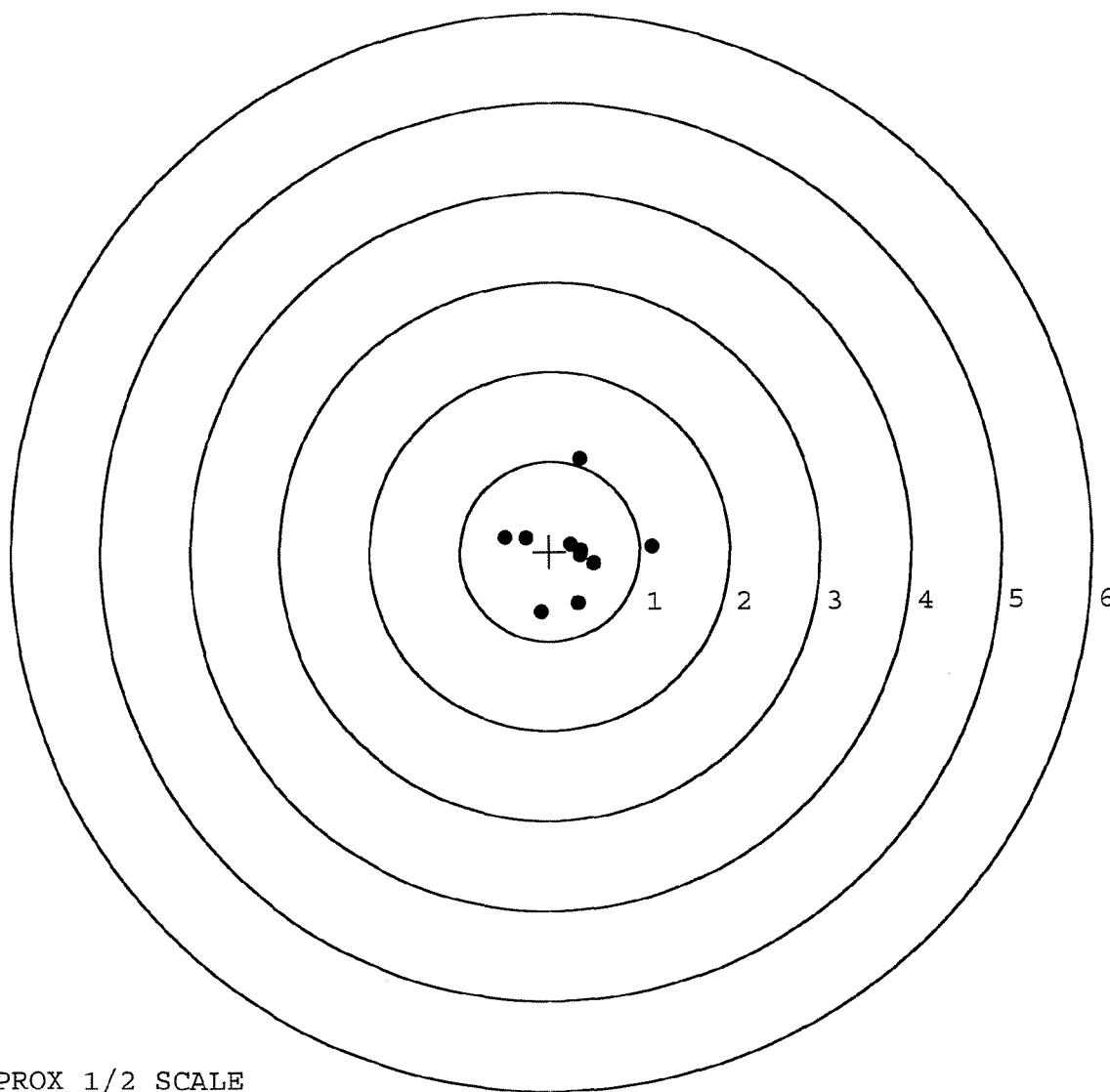
MAX RADIUS: 1.028

MEAN RADIUS: 0.516

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0166458

SERIAL NUMBER: G6590190. __ 0

TARGET NUMBER: 5

FILE DATE: 09/14/2006

FILE TIME: 01:37

POINT#	X	Y
1:	-1.230	0.181
2:	-0.731	0.030
3:	-0.716	0.204
4:	-0.250	0.666
5:	-0.344	0.425
6:	-0.041	-0.056
7:	0.138	-0.008
8:	0.406	-0.417
9:	0.599	-0.164
10:	0.843	0.114

X CENTROID: -0.133

Y CENTROID: 0.097

POA TO CENTROID: 0.165

HORZ SPREAD: 2.073

VERT SPREAD: 1.083

GROUP SPREAD: 2.074

MIN RADIUS: 0.179

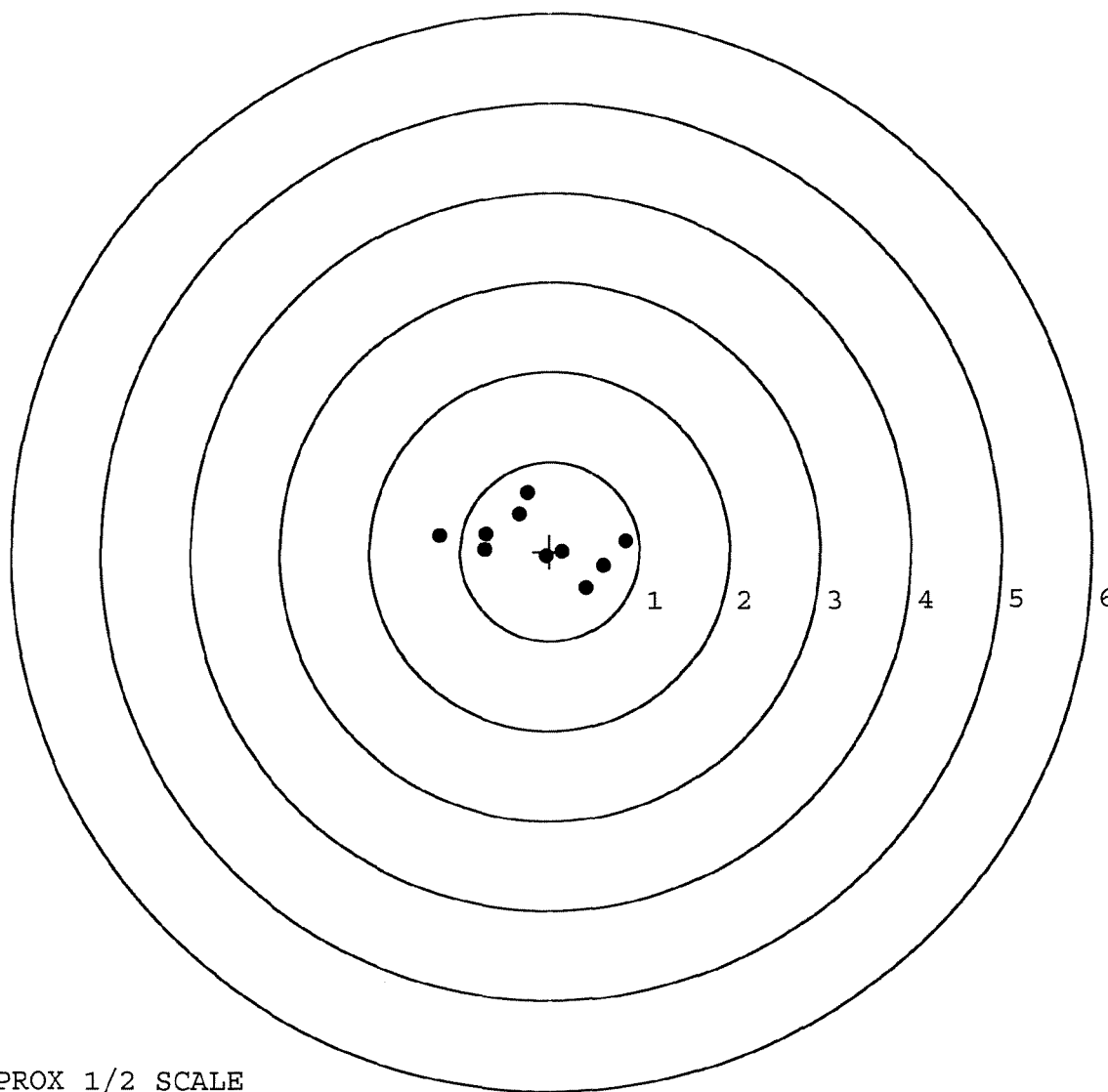
MAX RADIUS: 1.101

MEAN RADIUS: 0.623

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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 9-6-06

TESTER NJM

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.62	2.28		2.53	
PULL #2	2.55	2.75		2.54	
PULL #3	2.64	2.71		2.62	
PULL #4	2.68	2.70		2.81	
PULL #5	2.46	2.71		2.85	
TOTAL	12.95	13.15		13.35	
AVERAGE	2.59	2.63		2.67	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.94	2.97		
PULL #2	3.06	3.04		
PULL #3	2.99	3.11		
PULL #4	3.11	3.02		
PULL #5	3.02	3.17		
TOTAL	15.12	15.31		
AVERAGE	3.02	3.06		

	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	3.94	4.05		4.05
PULL #2	3.95	4.07		3.92
PULL #3	4.02	4.00		3.94
PULL #4	4.04	3.89		3.94
PULL #5	3.96	3.92		3.81
TOTAL	19.91	19.93		19.66
AVERAGE	3.98	3.99		3.93