

G 6590153

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



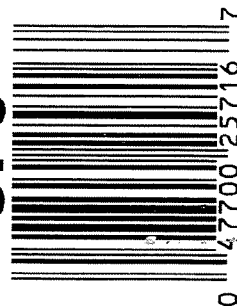
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6590153

UPC



ORDER 25716

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

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UPC



SERIAL NO.



66590153

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6590153

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		8-24-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	8-24-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 01 2006		
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unn</u>	9/1/06	<u>unn</u>
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)		9/11/06	RB
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-12-06	AC
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-12-06	A
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-12-06	A
	D) OIL FIRING PIN ASSEMBLY		9-14-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

OP #	BARBER M24 M165751	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>2.0</u> <u>2.0</u> <u>2.0</u>	9/30	Fm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>4.0</u> <u>3.5</u>	9/30	Fm
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.026</u> <u>.024</u>	9/30	Fm
	J) ASSEMBLE STOCK		9-14-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		10-6-06	R.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-14-06	RTZ
	M) IRON SIGHT ALIGNMENT		9-14-06	RTZ
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-14-06	RTZ
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-14-06	R.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9/14/06	MfA
670	FINAL INSPECTION A) HEADSPACE		10-6-06	R.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.61</u> <u>2.58</u> <u>2.67</u> <u>2.56</u> <u>2.79</u>	9-15-06	DA
	C) FUNCTION		10-6-06	R.P.D.
690	PACK		10-27-06	DA

F004 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590153.__0

FILE DATE AND TIME: 09/15/2006 05:19

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

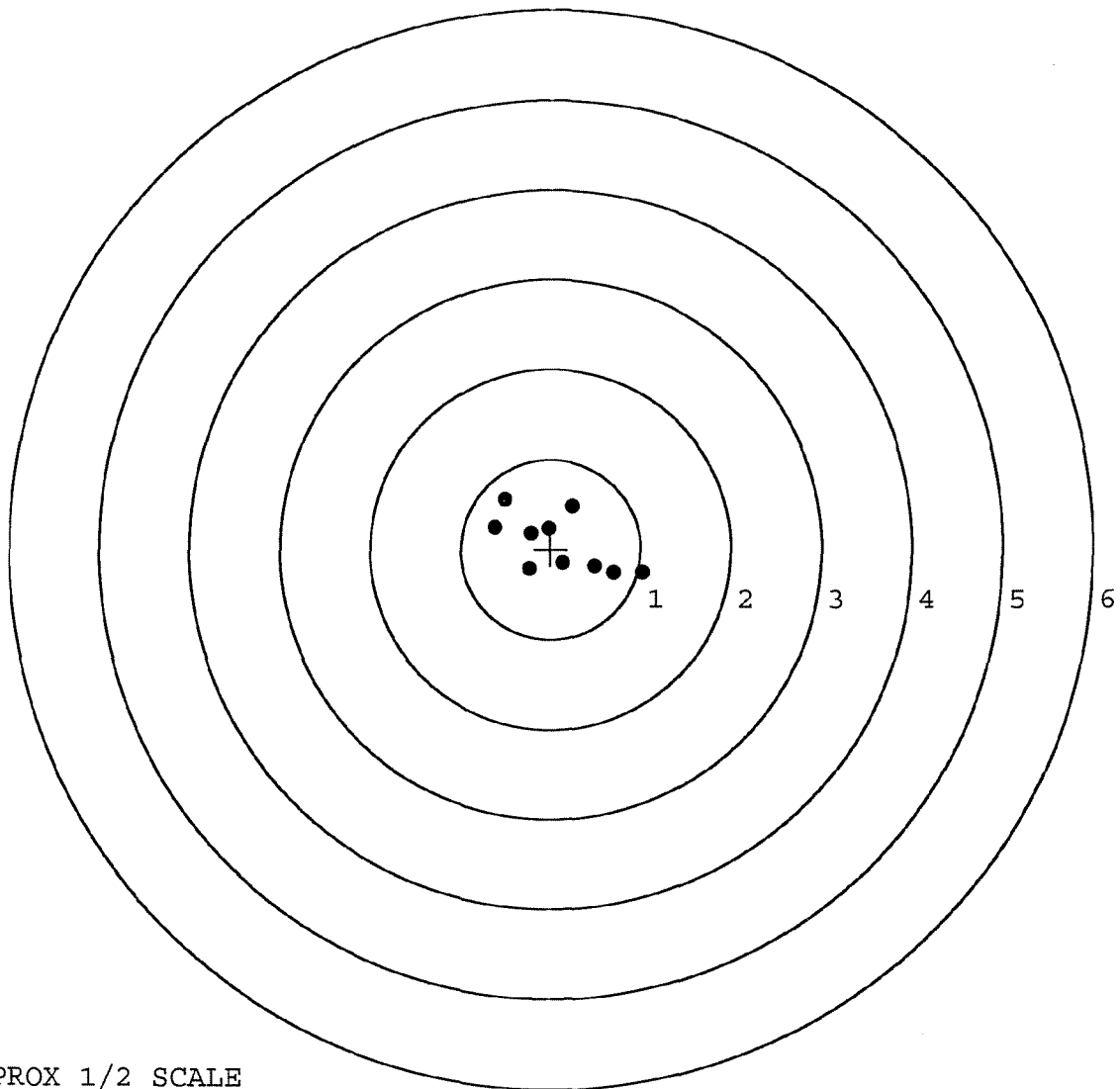
The Average X Centroid of the Five Target Set:	-0.003
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.022
The Average Mean Radius of the Five Target Set:	0.529
The Distance from POA to Centroid Target #1:	0.117
The Distance from Centroid Target #2 to Centroid Target #1:	0.141
The Distance from Centroid Target #3 to Centroid Target #1:	0.293
The Distance from Centroid Target #4 to Centroid Target #1:	0.130
The Distance from Centroid Target #5 to Centroid Target #1:	0.126

BARBER - M24 0165753

SERIAL NUMBER: G6590153. __0
 TARGET NUMBER: 1
 FILE DATE: 09/15/2006
 FILE TIME: 05:19

POINT#	X	Y
1:	1.024	-0.261
2:	0.708	-0.261
3:	0.499	-0.190
4:	0.240	0.484
5:	0.140	-0.158
6:	-0.230	-0.221
7:	-0.022	0.227
8:	-0.513	0.558
9:	-0.624	0.246
10:	-0.214	0.178

X CENTROID: 0.101
 Y CENTROID: 0.060
 POA TO CENTROID: 0.117
 HORZ SPREAD: 1.648
 VERT SPREAD: 0.819
 GROUP SPREAD: 1.742
 MIN RADIUS: 0.207
 MAX RADIUS: 0.977
 MEAN RADIUS: 0.532
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



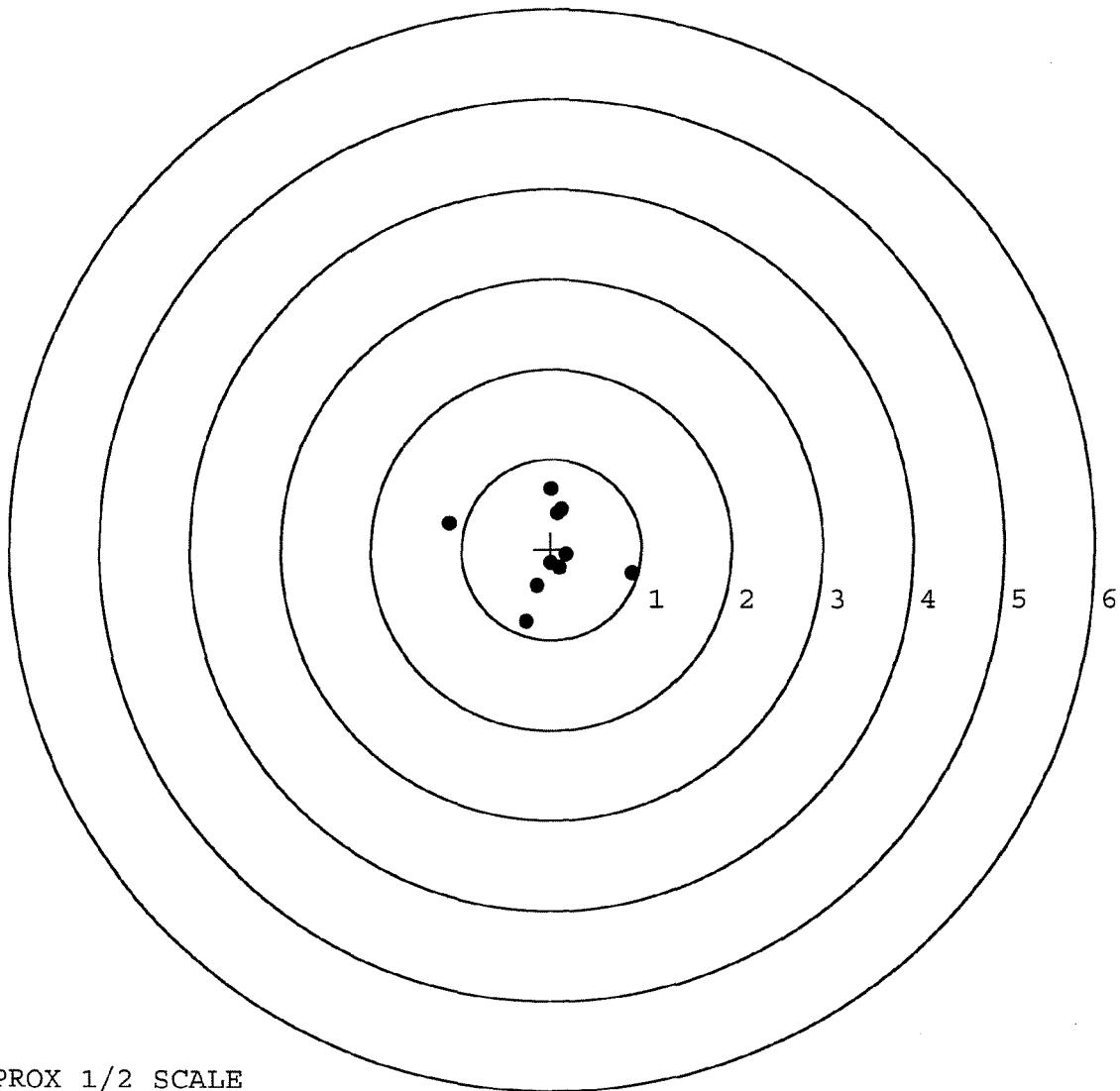
TARGET APPROX 1/2 SCALE

BARBER - M24 0165754

SERIAL NUMBER: G6590153. __0
 TARGET NUMBER: 2
 FILE DATE: 09/15/2006
 FILE TIME: 05:19

POINT#	X	Y
1:	-0.275	-0.804
2:	0.905	-0.270
3:	-1.136	0.282
4:	0.003	0.669
5:	0.115	0.443
6:	-0.155	-0.409
7:	0.173	-0.062
8:	0.001	-0.154
9:	0.096	-0.211
10:	0.069	0.399

X CENTROID: -0.020
 Y CENTROID: -0.012
 POA TO CENTROID: 0.024
 HORZ SPREAD: 2.041
 VERT SPREAD: 1.473
 GROUP SPREAD: 2.114
 MIN RADIUS: 0.144
 MAX RADIUS: 1.154
 MEAN RADIUS: 0.552
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



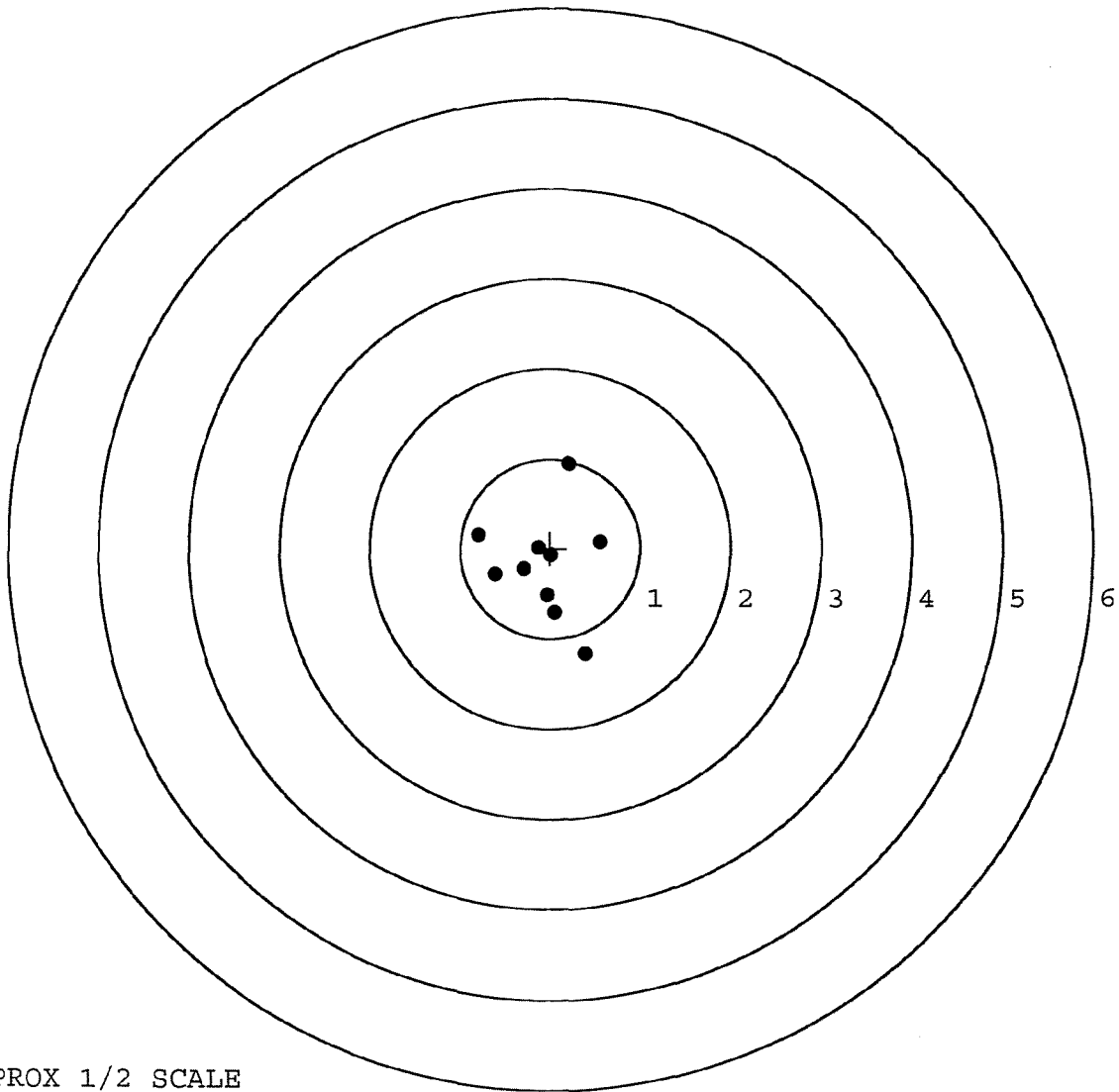
TARGET APPROX 1/2 SCALE

BARBER - M24 0165755

SERIAL NUMBER: G6590153. __ 0
 TARGET NUMBER: 3
 FILE DATE: 09/15/2006
 FILE TIME: 05:19

POINT#	X	Y
1:	0.209	0.950
2:	0.554	0.077
3:	0.395	-1.170
4:	-0.802	0.156
5:	0.059	-0.717
6:	-0.032	-0.525
7:	0.007	-0.077
8:	-0.133	0.009
9:	-0.612	-0.290
10:	-0.292	-0.231

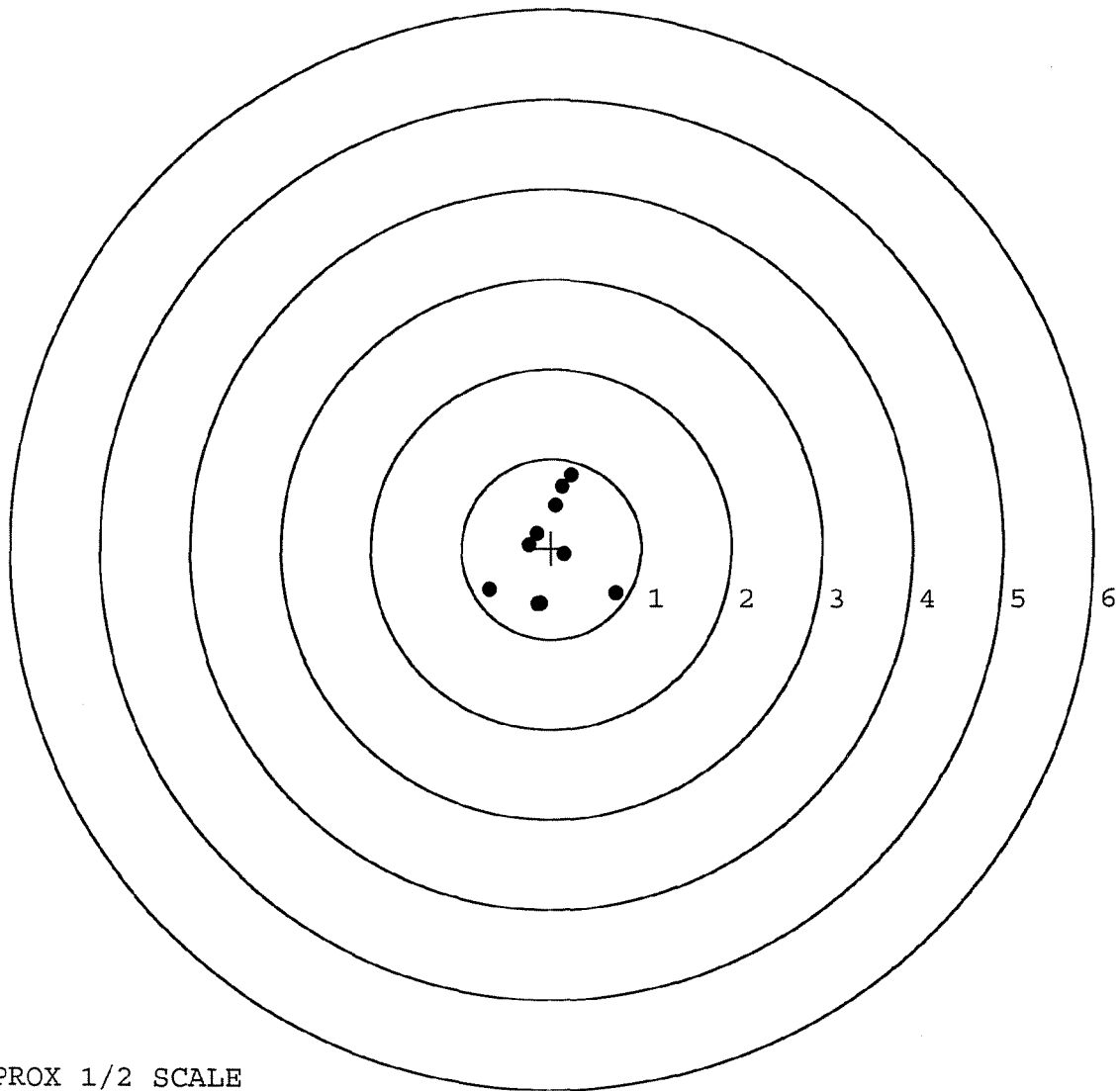
X CENTROID: -0.065
 Y CENTROID: -0.182
 POA TO CENTROID: 0.193
 HORZ SPREAD: 1.356
 VERT SPREAD: 2.120
 GROUP SPREAD: 2.128
 MIN RADIUS: 0.127
 MAX RADIUS: 1.164
 MEAN RADIUS: 0.575
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0165756

SERIAL NUMBER: G6590153. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.726	-0.499
FILE DATE: 09/15/2006	2:	-0.149	-0.615
FILE TIME: 05:19	3:	-0.693	-0.459
	4:	0.140	-0.073
X CENTROID: -0.011	5:	-0.250	0.039
Y CENTROID: -0.006	6:	0.220	0.819
POA TO CENTROID: 0.012	7:	0.124	0.690
HORZ SPREAD: 1.419	8:	0.051	0.479
VERT SPREAD: 1.434	9:	-0.161	0.165
GROUP SPREAD: 1.420	10:	-0.115	-0.607
MIN RADIUS: 0.165			
MAX RADIUS: 0.886			
MEAN RADIUS: 0.563			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590153. __0

TARGET NUMBER: 5

FILE DATE: 09/15/2006

FILE TIME: 05:19

POINT#	X	Y
1:	-0.262	0.443
2:	-0.625	-0.039
3:	-0.310	-0.026
4:	-0.268	-0.578
5:	0.127	-0.335
6:	0.543	-0.085
7:	0.031	0.031
8:	0.245	0.459
9:	0.121	0.446
10:	0.184	-0.027

X CENTROID: -0.021

Y CENTROID: 0.029

POA TO CENTROID: 0.036

HORZ SPREAD: 1.168

VERT SPREAD: 1.037

GROUP SPREAD: 1.157

MIN RADIUS: 0.052

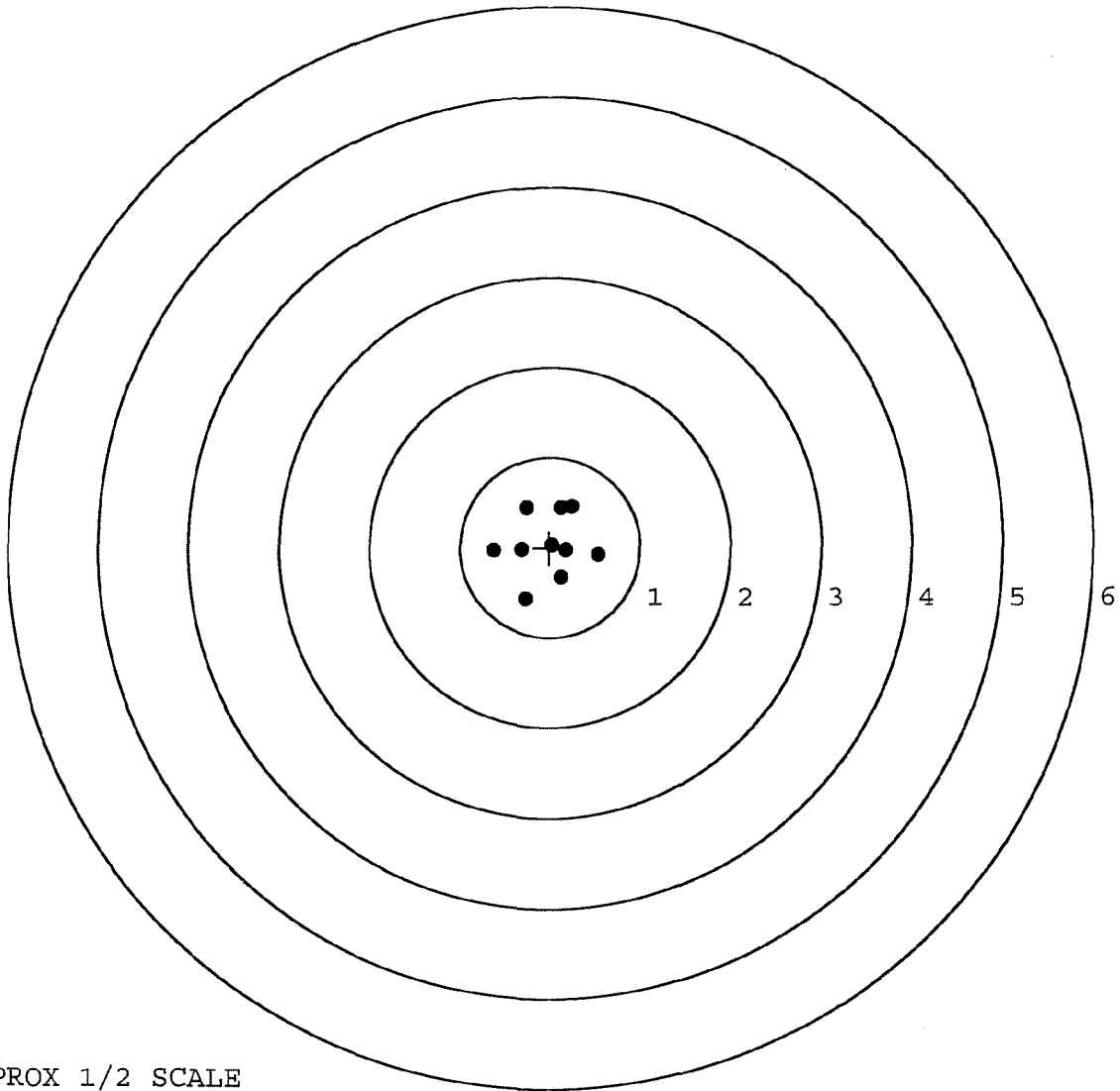
MAX RADIUS: 0.655

MEAN RADIUS: 0.422

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0165758AVERAGE 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 9-13-06TESTER NOH

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.46	2.56		2.25	
PULL #2	2.28	2.40		2.17	
PULL #3	2.41	2.44		2.20	
PULL #4	2.51	2.55		2.10	
PULL #5	2.64	2.52		2.11	
TOTAL	12.24	12.47		10.83	
AVERAGE	2.45	2.49		2.17	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.99	2.85		
PULL #2	2.99	2.83		
PULL #3	3.08	2.76		
PULL #4	3.06	2.84		
PULL #5	3.11	2.82		
TOTAL	15.23	14.10		
AVERAGE	3.05	2.82		

	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	4.01	4.23		3.92
PULL #2	4.01	4.19		3.97
PULL #3	3.91	4.11		3.92
PULL #4	3.92	4.08		3.83
PULL #5	4.06	4.03		3.83
TOTAL	19.91	20.64		19.47
AVERAGE	3.98	4.13		3.89