

G 6695387

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

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



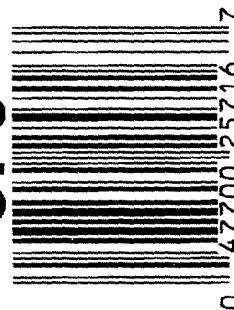
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6695387

UPC



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

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UPC



SERIAL NO.



GUN SERIAL # 6695387

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		12-6-07	RTZ
420	ASSEMBLE ACTION		12-6-07	RTZ
430	ASSEMBLE TO STOCK		12-7-07	TRW
440	PROOF		12-7-07	TRW
460	CHECK HEADSPACE		12-7-07	TRW
470	DIS-ASSEMBLE ACTION		12-7-07	RTZ
480	MAGNAFLUX BBL ACTION		12-10-07	JB
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		12-7-07	CW
510	DRILL AND TAP SIGHT HOLES		12-7-07	Fm
520	GOFF BLAST BBL / REC		12-11-07	dy
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/11/07	TS
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-17-07	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-17-07	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12-17-07	DA
	D) OIL FIRING PIN ASSEMBLY		12-17-07	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>55</u> <u>55</u> <u>575</u>	12/19/07	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>35</u> <u>35</u> <u>35</u>	12/19/07	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.022</u> <u>.022</u>	12/19/07	DA
	J) ASSEMBLE STOCK		12-17-07	TR
	K) ASSEMBLE SWIVEL STUDS		12-20-07	A.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-20-07	A.P.D.
	M) IRON SIGHT ALIGNMENT		12-20-07	A.P.D.
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-20-07	A.P.D.
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL <u>PASS</u> FAIL	12-17-07	TRW
	MALFUNCTION <i>Bolt release sticks</i>	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12-17-07	FM
670	FINAL INSPECTION A) HEADSPACE		12-20-07	A.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>233</u> <u>232</u> <u>237</u> <u>238</u> <u>237</u>	12-19-07	DA
	C) FUNCTION		12-20-07	A.P.D.
690	PACK		12/21/07	DA

F004 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6695387.__0
FILE DATE AND TIME: 12/18/2007 05:36

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.070
The Average Y Centroid of the Five Target Set:	-0.068
The Average Point of Impact of the Five Target Set:	0.098
The Average Mean Radius of the Five Target Set:	0.674
The Distance from POA to Centroid Target #1:	0.213
The Distance from Centroid Target #2 to Centroid Target #1:	0.085
The Distance from Centroid Target #3 to Centroid Target #1:	0.191
The Distance from Centroid Target #4 to Centroid Target #1:	0.304
The Distance from Centroid Target #5 to Centroid Target #1:	0.150

BARBER - M24 0180218

SERIAL NUMBER: G6695387. __0

TARGET NUMBER: 1

FILE DATE: 12/18/2007

FILE TIME: 05:36

POINT#	X	Y
1:	-0.323	-1.286
2:	0.225	-0.831
3:	0.343	-0.483
4:	0.144	-0.152
5:	0.217	-0.069
6:	0.473	0.186
7:	-0.368	-0.122
8:	-0.421	0.091
9:	-0.781	-0.135
10:	-0.297	0.825

X CENTROID: -0.079

Y CENTROID: -0.198

POA TO CENTROID: 0.213

HORZ SPREAD: 1.254

VERT SPREAD: 2.111

GROUP SPREAD: 2.111

MIN RADIUS: 0.227

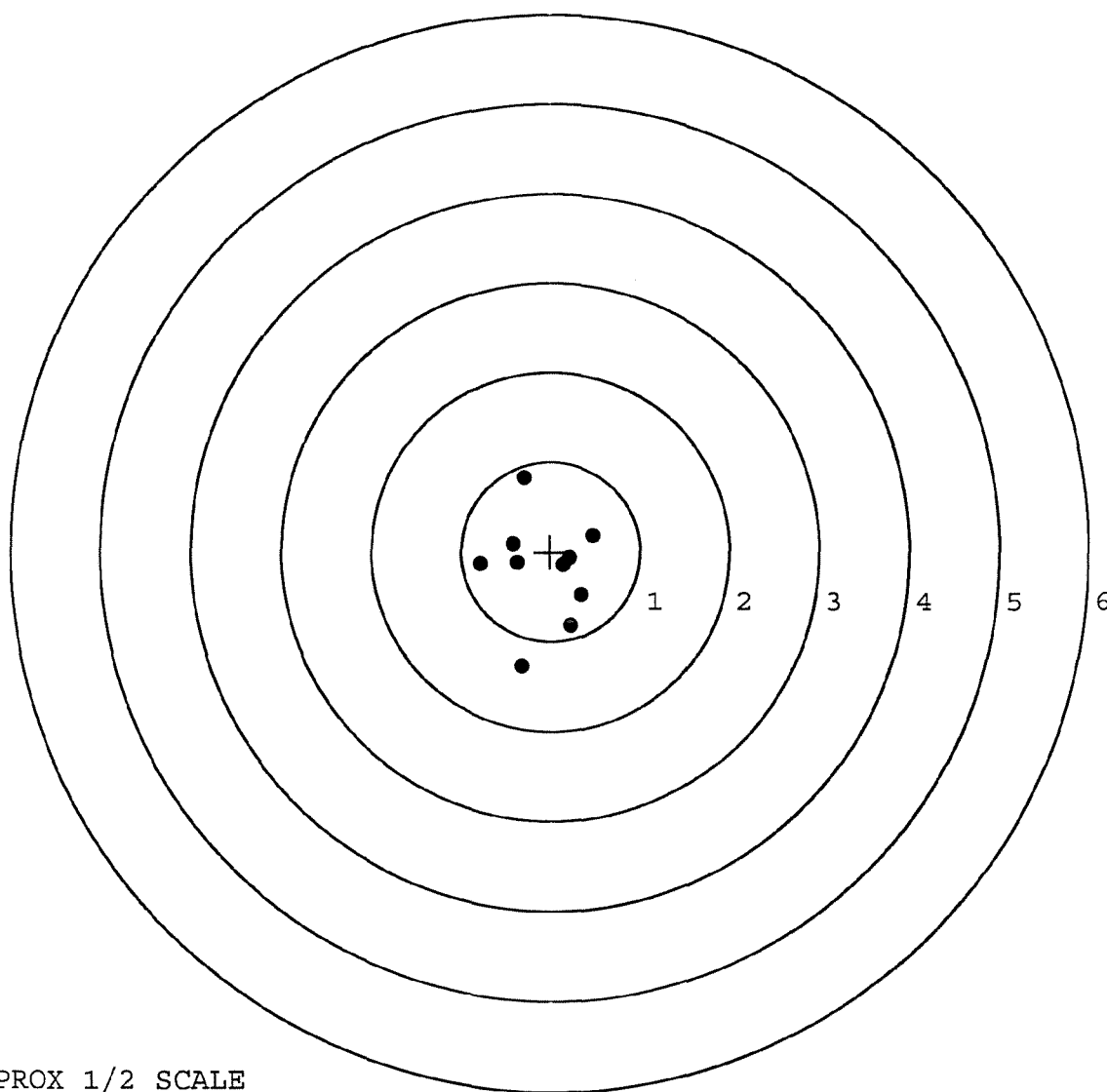
MAX RADIUS: 1.115

MEAN RADIUS: 0.605

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



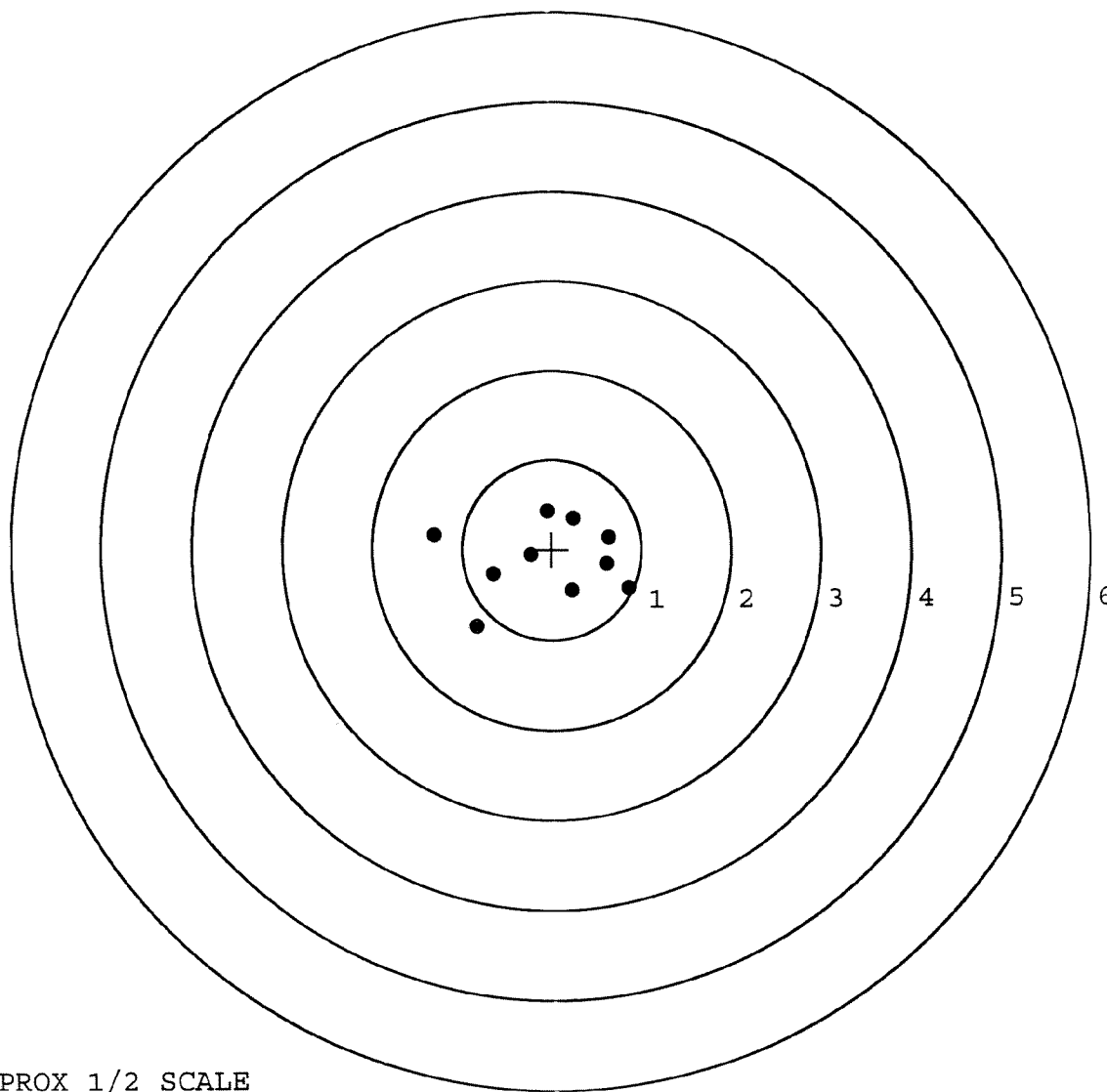
TARGET APPROX 1/2 SCALE

BARBER - M24 0180219

SERIAL NUMBER: G6695387. __0
 TARGET NUMBER: 2
 FILE DATE: 12/18/2007
 FILE TIME: 05:36

POINT#	X	Y
1:	0.855	-0.427
2:	0.611	-0.166
3:	0.637	0.133
4:	0.240	0.346
5:	-0.049	0.422
6:	0.224	-0.454
7:	-0.240	-0.061
8:	-0.657	-0.269
9:	-0.844	-0.848
10:	-1.308	0.161

X CENTROID: -0.053
 Y CENTROID: -0.116
 POA TO CENTROID: 0.128
 HORZ SPREAD: 2.163
 VERT SPREAD: 1.270
 GROUP SPREAD: 2.241
 MIN RADIUS: 0.195
 MAX RADIUS: 1.285
 MEAN RADIUS: 0.706
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0180220

SERIAL NUMBER: G6695387. __0

TARGET NUMBER: 3

FILE DATE: 12/18/2007

FILE TIME: 05:36

POINT#	X	Y
1:	-0.071	-0.787
2:	-0.281	-0.738
3:	-0.033	-0.586
4:	0.398	-0.076
5:	0.004	-0.132
6:	0.102	0.482
7:	-0.255	0.483
8:	-0.227	0.195
9:	-0.608	0.223
10:	0.839	0.757

X CENTROID: -0.013

Y CENTROID: -0.018

POA TO CENTROID: 0.022

HORZ SPREAD: 1.447

VERT SPREAD: 1.544

GROUP SPREAD: 1.868

MIN RADIUS: 0.115

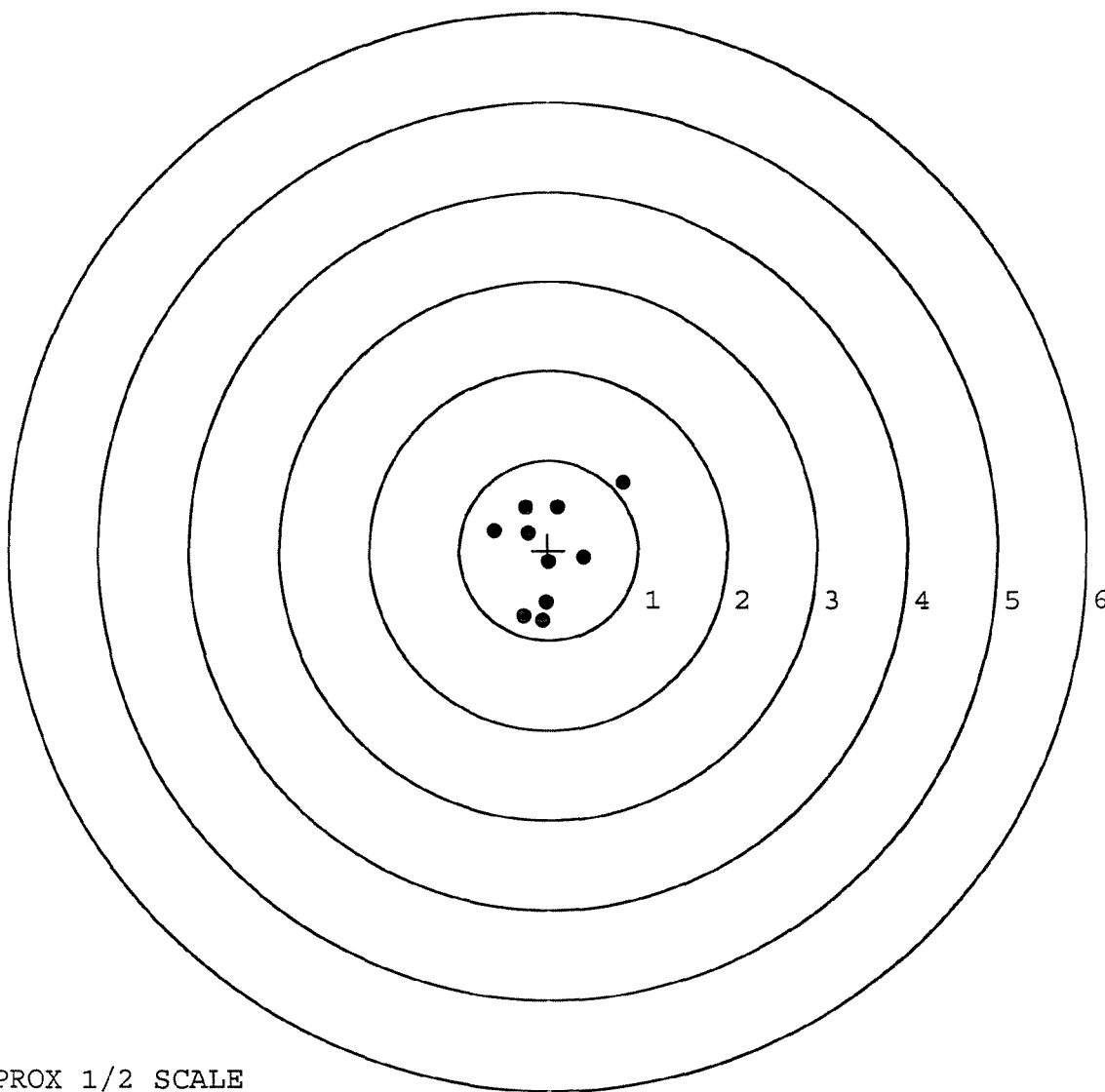
MAX RADIUS: 1.152

MEAN RADIUS: 0.580

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0180221

SERIAL NUMBER: G6695387. __0

TARGET NUMBER: 4

FILE DATE: 12/18/2007

FILE TIME: 05:36

POINT#	X	Y
1:	1.278	0.310
2:	0.506	0.520
3:	0.565	0.275
4:	0.428	0.068
5:	0.082	-0.024
6:	-0.542	-0.071
7:	-0.835	-0.316
8:	-1.048	-0.341
9:	-0.979	0.202
10:	0.445	0.361

X CENTROID: -0.010

Y CENTROID: 0.098

POA TO CENTROID: 0.099

HORZ SPREAD: 2.326

VERT SPREAD: 0.861

GROUP SPREAD: 2.415

MIN RADIUS: 0.153

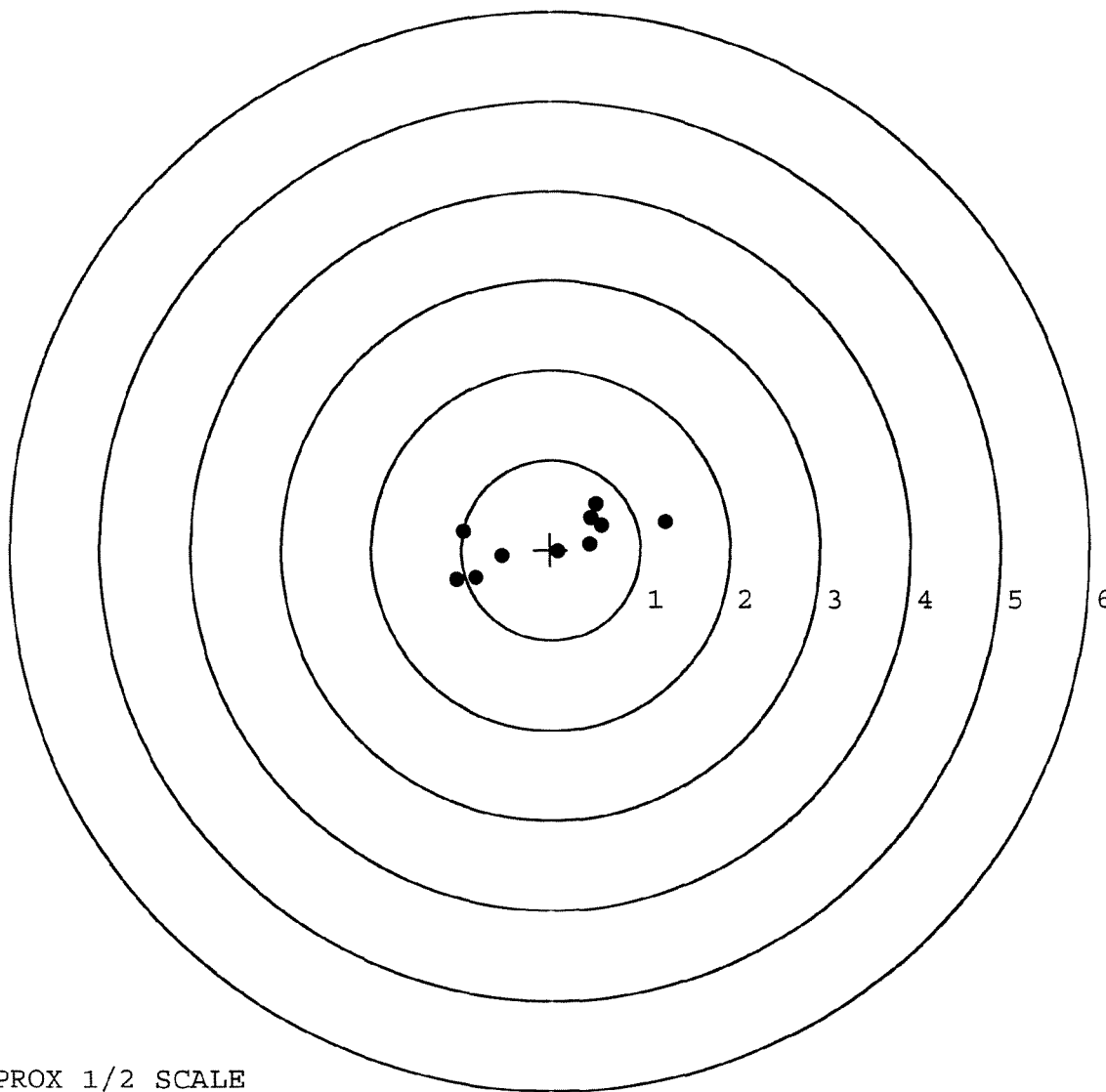
MAX RADIUS: 1.305

MEAN RADIUS: 0.727

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0180222

SERIAL NUMBER: G6695387. __0

TARGET NUMBER: 5

FILE DATE: 12/18/2007

FILE TIME: 05:36

POINT#	X	Y
1:	0.031	-1.186
2:	0.052	-0.893
3:	0.767	0.208
4:	0.063	0.521
5:	-0.316	0.540
6:	-0.466	1.103
7:	-0.225	-0.434
8:	-0.645	-0.273
9:	-0.484	0.090
10:	-0.743	-0.721

X CENTROID: -0.197

Y CENTROID: -0.105

POA TO CENTROID: 0.223

HORZ SPREAD: 1.510

VERT SPREAD: 2.289

GROUP SPREAD: 2.342

MIN RADIUS: 0.331

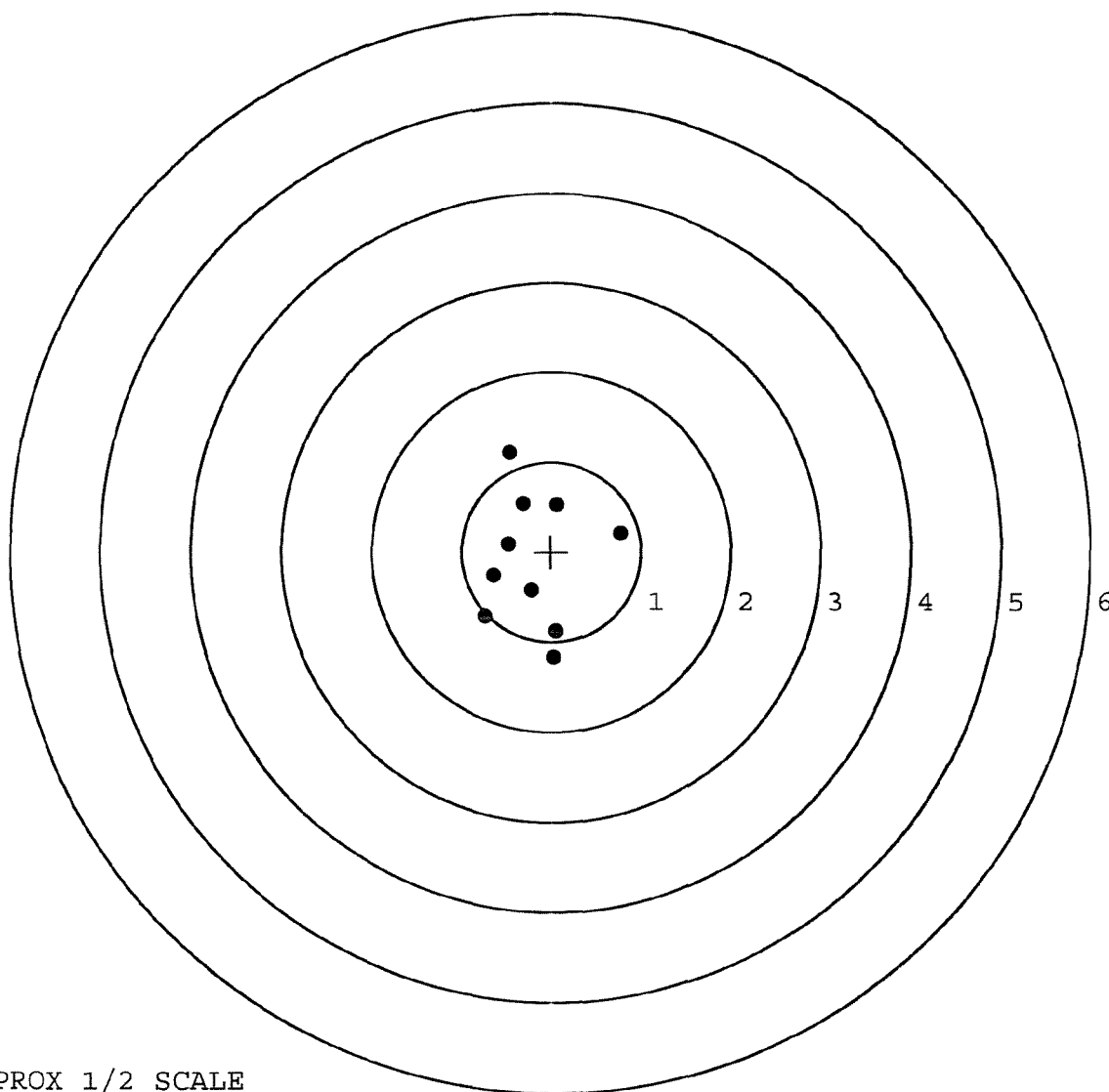
MAX RADIUS: 1.237

MEAN RADIUS: 0.750

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

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 12-7-07TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.52	2.21		2.26	
PULL #2	2.22	2.26		2.35	
PULL #3	2.10	2.30		2.29	
PULL #4	2.26	2.28		2.28	
PULL #5	2.17	2.28		2.29	
TOTAL	11.27	11.33		11.47	
AVERAGE	2.25	2.26		2.29	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.08		
PULL #2	3.38	3.43		
PULL #3	3.46	3.49		
PULL #4	3.54	3.39		
PULL #5	3.51	3.38		
TOTAL	17.31	16.77		
AVERAGE	3.46	3.35		

	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	4.37	4.40		4.29
PULL #2	4.43	4.29		4.32
PULL #3	4.31	4.10		4.58
PULL #4	4.20	4.08		4.45
PULL #5	4.31	4.28		4.32
TOTAL	21.62	21.15		21.96
AVERAGE	4.32	4.23		4.39