

66521391

ORDER 25705

M/24 7.62 NATO S.W.S. (LESS SCOPE)

UPC



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SERIAL NO.



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

- INSTRUCTION BOOK

DD FORM

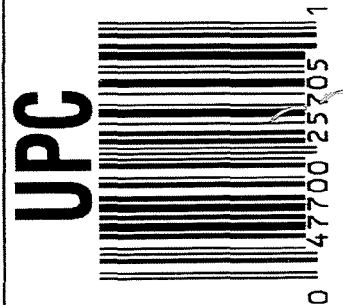


ORDER NO. **25705**

BARREL LENGTH **24"**

CAPACITY **6**

G6521391



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6521391

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		1-11-06	RTZ
440	PROOF		1-11-06	AC
460	CHECK HEADSPACE	MAGNAFLUX INSPECTED	1-11-06	AC
470	DIS-ASSEMBLE ACTION	JAN 13 2006	1-12-06	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	4180 OPERATOR <i>mmms</i>	1/13/06	<i>mmms</i>
500	ROLLMARK CALIBER		1-13-06	CW
510	DRILL AND TAP SIGHT HOLES		1-12-06	TRW
520	GOFF BLAST BBL / REC		1-16-06	LYB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		1/18/06	RB
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		1-19-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-19-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-19-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		1-19-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

REV-8405

OP # OPERATION NAME		READINGS			DATE	INITIAL		
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>60</u>	<u>5-25</u>	<u>60</u>	1-20-06	RTZ		
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>30</u>	<u>225</u>	<u>225</u>	1-20-06	RTZ		
	H) TRIGGER PULL TEST AND RETAINABILITY				1-20-06	RTZ		
	I) FIRING PIN INDENT .020 MIN							
	J) ASSEMBLE STOCK				1-19-06	RTZ		
	K) ASSEMBLE SWIVEL STUDS				1-20-06	RTZ		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S				1-20-06	RTZ		
	M) IRON SIGHT ALIGNMENT				1-20-06	RTZ		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER				1-20-06	RTZ		
640 & 650	FUNCTION TEST AND TARGET	PASS	FAIL					
		PASS	FAIL		1-20-06	TRW		
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
	MALFUNCTION	CORRECTION						
660	INSPECT FOR LIVE AMMO				1-20-06	KH		
670	FINAL INSPECTION A) HEADSPACE							
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.52</u>	<u>2.65</u>	<u>2.45</u>	<u>2.70</u>	<u>2.48</u>	1-20-06	RTZ
	C) FUNCTION						1-20-06	RTZ
690	PACK						1-20-06	RTZ

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6521391.___0
FILE DATE AND TIME: 01/20/2006 11:37

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.011
The Average Y Centroid of the Five Target Set:	-0.109
The Average Point of Impact of the Five Target Set:	0.109
The Average Mean Radius of the Five Target Set:	0.795
The Distance from POA to Centroid Target #1:	0.340
The Distance from Centroid Target #2 to Centroid Target #1:	0.291
The Distance from Centroid Target #3 to Centroid Target #1:	0.278
The Distance from Centroid Target #4 to Centroid Target #1:	0.302
The Distance from Centroid Target #5 to Centroid Target #1:	0.436

BARBER - M24 0100201

SERIAL NUMBER: G6521391. __0

TARGET NUMBER: 1

FILE DATE: 01/20/2006

FILE TIME: 11:37

POINT#	X	Y
1:	0.748	-0.124
2:	1.916	-1.547
3:	-0.952	-1.193
4:	-0.770	-0.665
5:	0.427	0.533
6:	0.270	-0.092
7:	0.178	0.024
8:	0.080	0.271
9:	-0.332	-0.023
10:	-0.063	-0.233

X CENTROID: 0.150

Y CENTROID: -0.305

POA TO CENTROID: 0.340

HORZ SPREAD: 2.868

VERT SPREAD: 2.080

GROUP SPREAD: 2.890

MIN RADIUS: 0.225

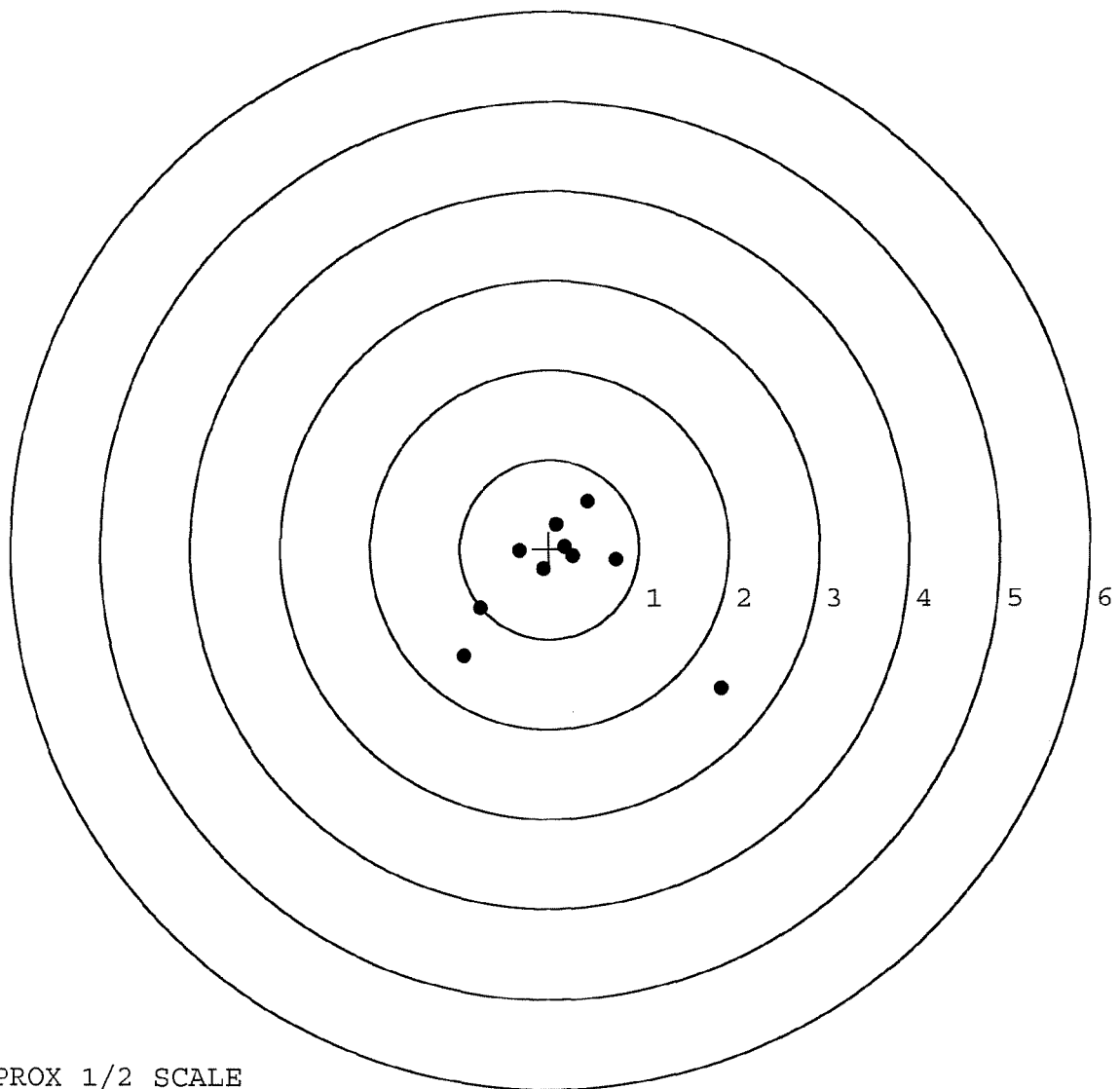
MAX RADIUS: 2.159

MEAN RADIUS: 0.801

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0100202

SERIAL NUMBER: G6521391. 0

TARGET NUMBER: 2

FILE DATE: 01/20/2006

FILE TIME: 11:37

POINT#	X	Y
1:	2.088	0.092
2:	0.464	-1.002
3:	0.004	-0.987
4:	1.079	0.195
5:	0.398	0.383
6:	-0.069	-0.415
7:	-0.289	0.192
8:	-0.782	-0.112
9:	-1.369	0.554
10:	-0.295	0.951

X CENTROID: 0.123

Y CENTROID: -0.015

POA TO CENTROID: 0.124

HORZ SPREAD: 3.457

VERT SPREAD: 1.953

GROUP SPREAD: 3.488

MIN RADIUS: 0.444

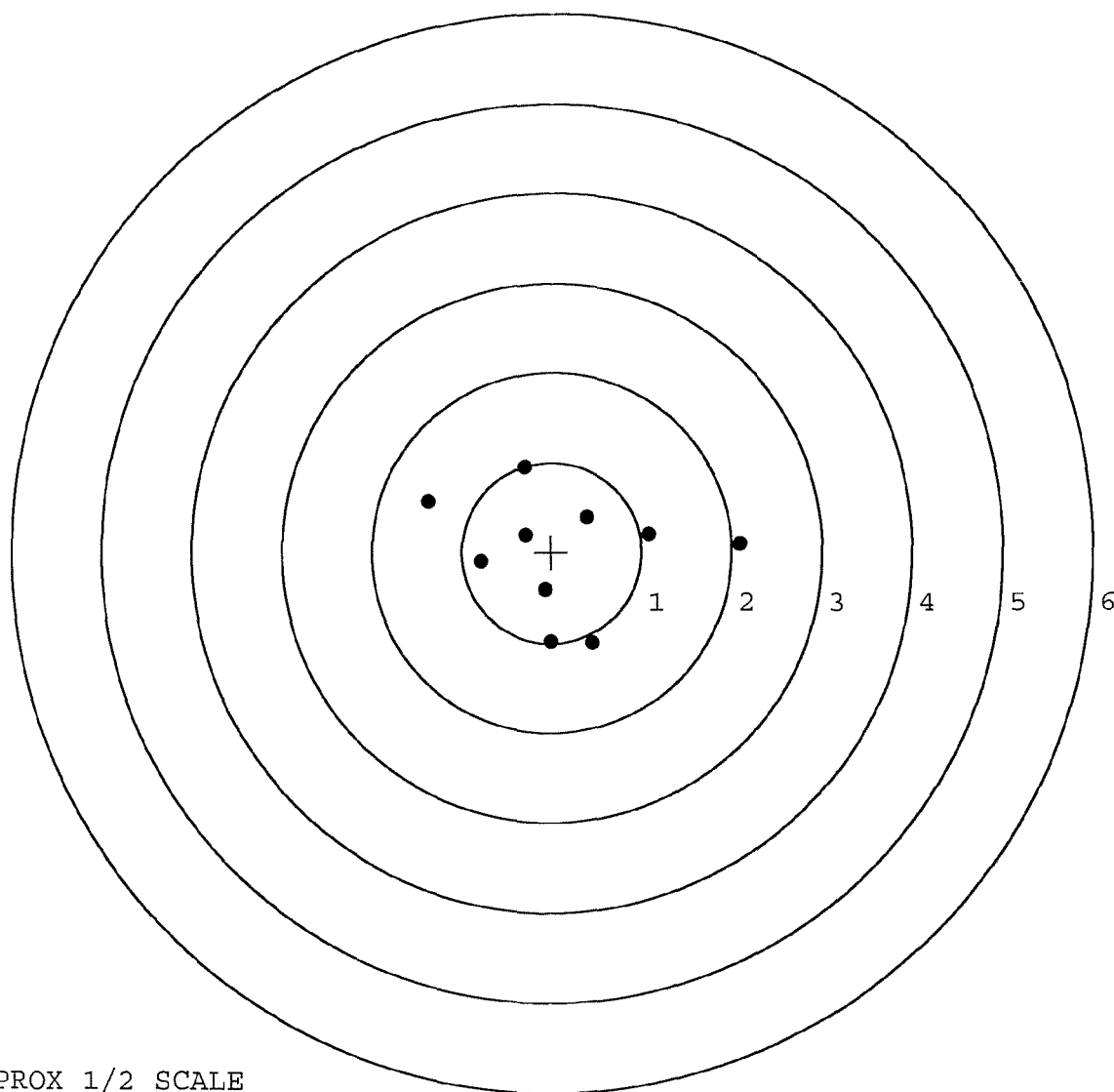
MAX RADIUS: 1.968

MEAN RADIUS: 0.992

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0100203

SERIAL NUMBER: G6521391. 0

TARGET NUMBER: 3

FILE DATE: 01/20/2006

FILE TIME: 11:37

POINT#	X	Y
1:	-0.462	-1.274
2:	-1.432	-0.608
3:	-0.410	-0.160
4:	-0.020	-0.463
5:	0.567	-0.491
6:	0.557	-0.212
7:	0.427	0.238
8:	0.002	0.115
9:	-0.066	0.307
10:	-0.308	0.339

X CENTROID: -0.115

Y CENTROID: -0.221

POA TO CENTROID: 0.249

HORZ SPREAD: 1.999

VERT SPREAD: 1.613

GROUP SPREAD: 2.042

MIN RADIUS: 0.260

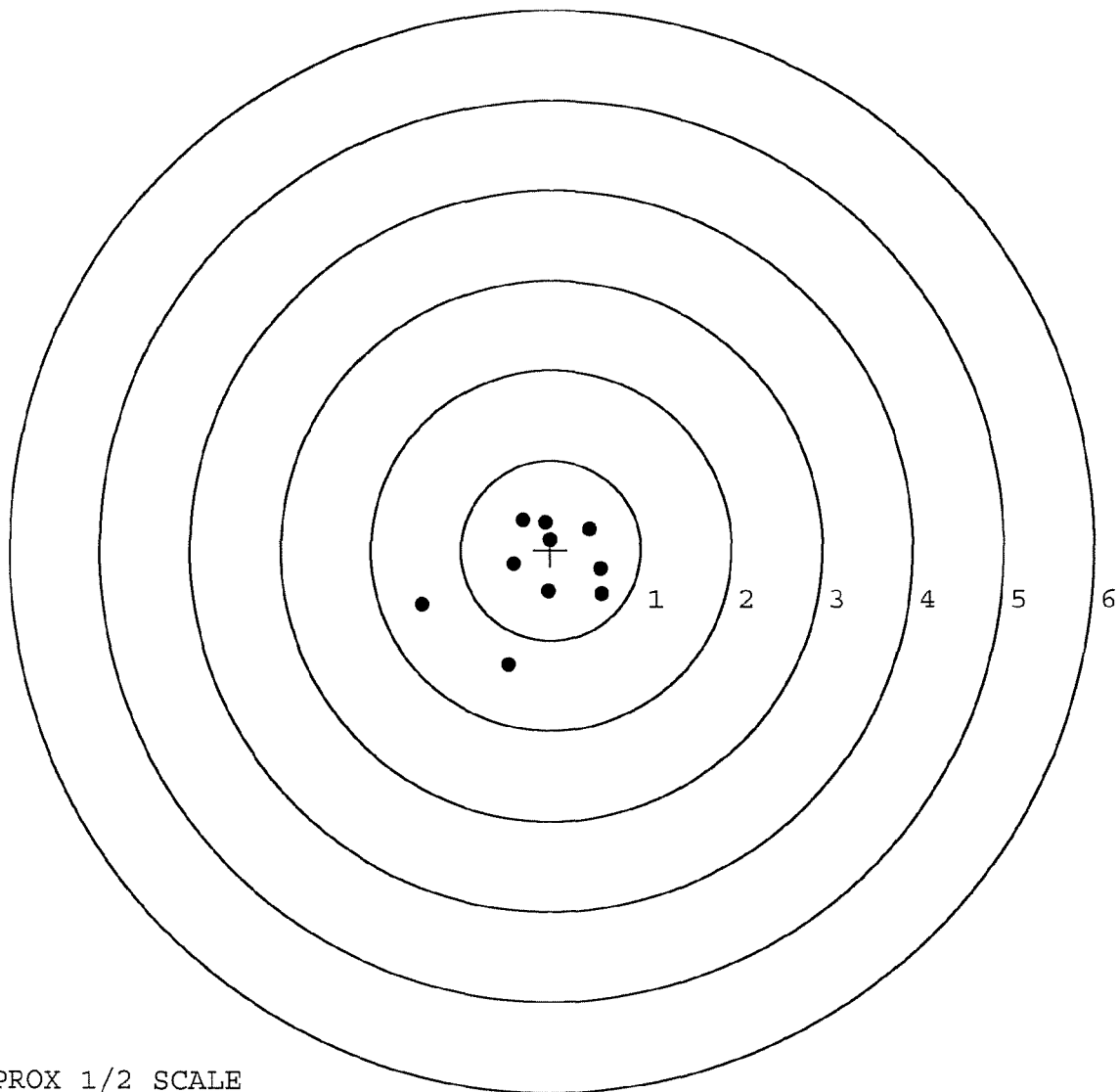
MAX RADIUS: 1.373

MEAN RADIUS: 0.664

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0100204

SERIAL NUMBER: G6521391. 0

TARGET NUMBER: 4

FILE DATE: 01/20/2006

FILE TIME: 11:37

POINT#	X	Y
1:	1.047	-0.191
2:	0.666	-0.052
3:	-0.313	-1.129
4:	0.633	0.844
5:	-0.724	-0.128
6:	-0.478	-0.200
7:	-0.026	-0.277
8:	0.058	0.111
9:	-0.140	0.213
10:	-0.385	0.542

X CENTROID: 0.034

Y CENTROID: -0.027

POA TO CENTROID: 0.043

HORZ SPREAD: 1.771

VERT SPREAD: 1.973

GROUP SPREAD: 2.188

MIN RADIUS: 0.140

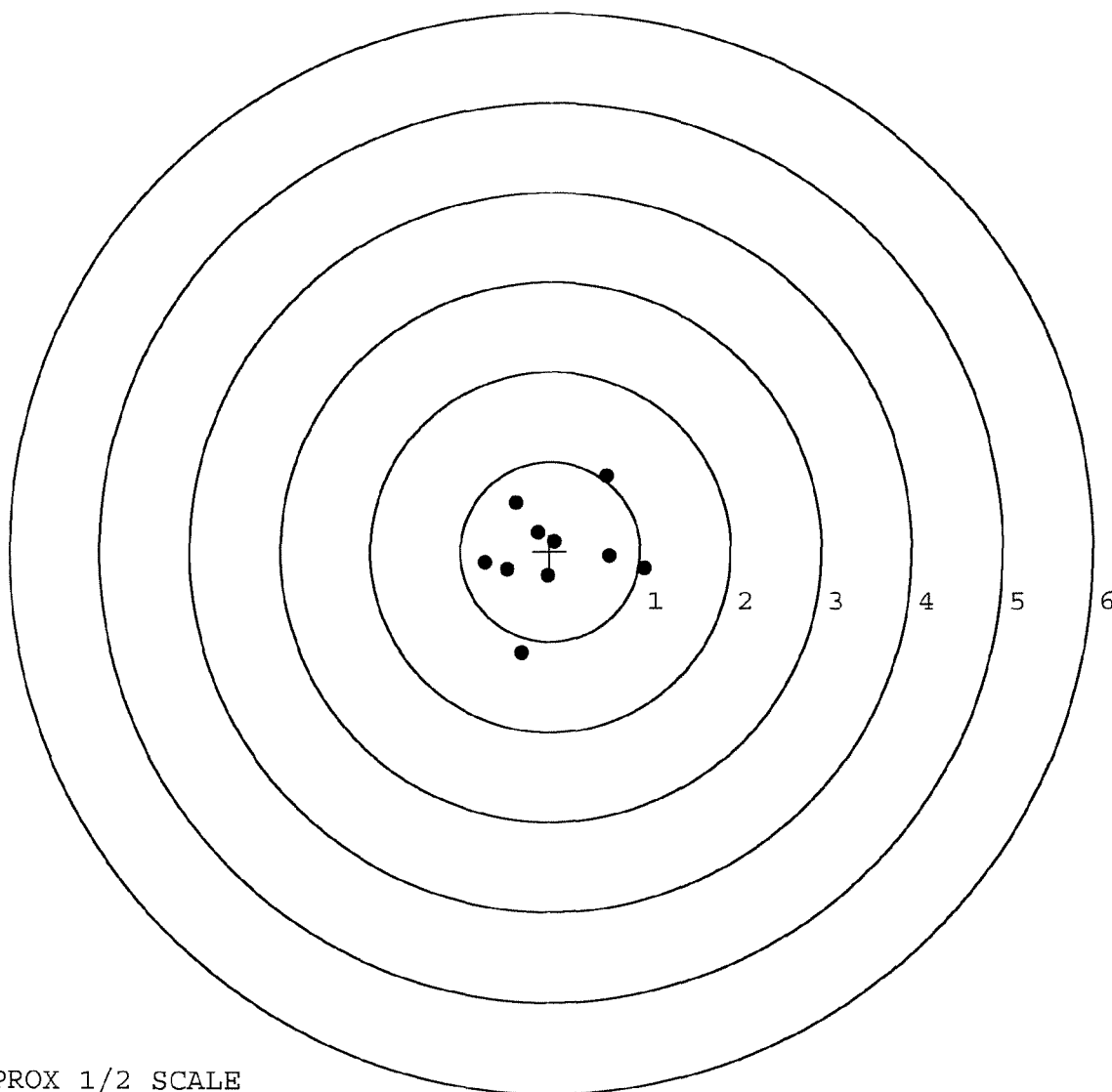
MAX RADIUS: 1.156

MEAN RADIUS: 0.658

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0100205

SERIAL NUMBER: G6521391. __0

TARGET NUMBER: 5

FILE DATE: 01/20/2006

FILE TIME: 11:37

POINT#	X	Y
1:	0.389	1.431
2:	-0.726	0.909
3:	-1.022	0.596
4:	-0.426	0.614
5:	-0.036	0.319
6:	-0.021	-0.008
7:	0.334	-0.834
8:	0.141	-0.698
9:	0.102	-0.936
10:	-0.107	-1.161

X CENTROID: -0.137

Y CENTROID: 0.023

POA TO CENTROID: 0.139

HORZ SPREAD: 1.411

VERT SPREAD: 2.592

GROUP SPREAD: 2.639

MIN RADIUS: 0.120

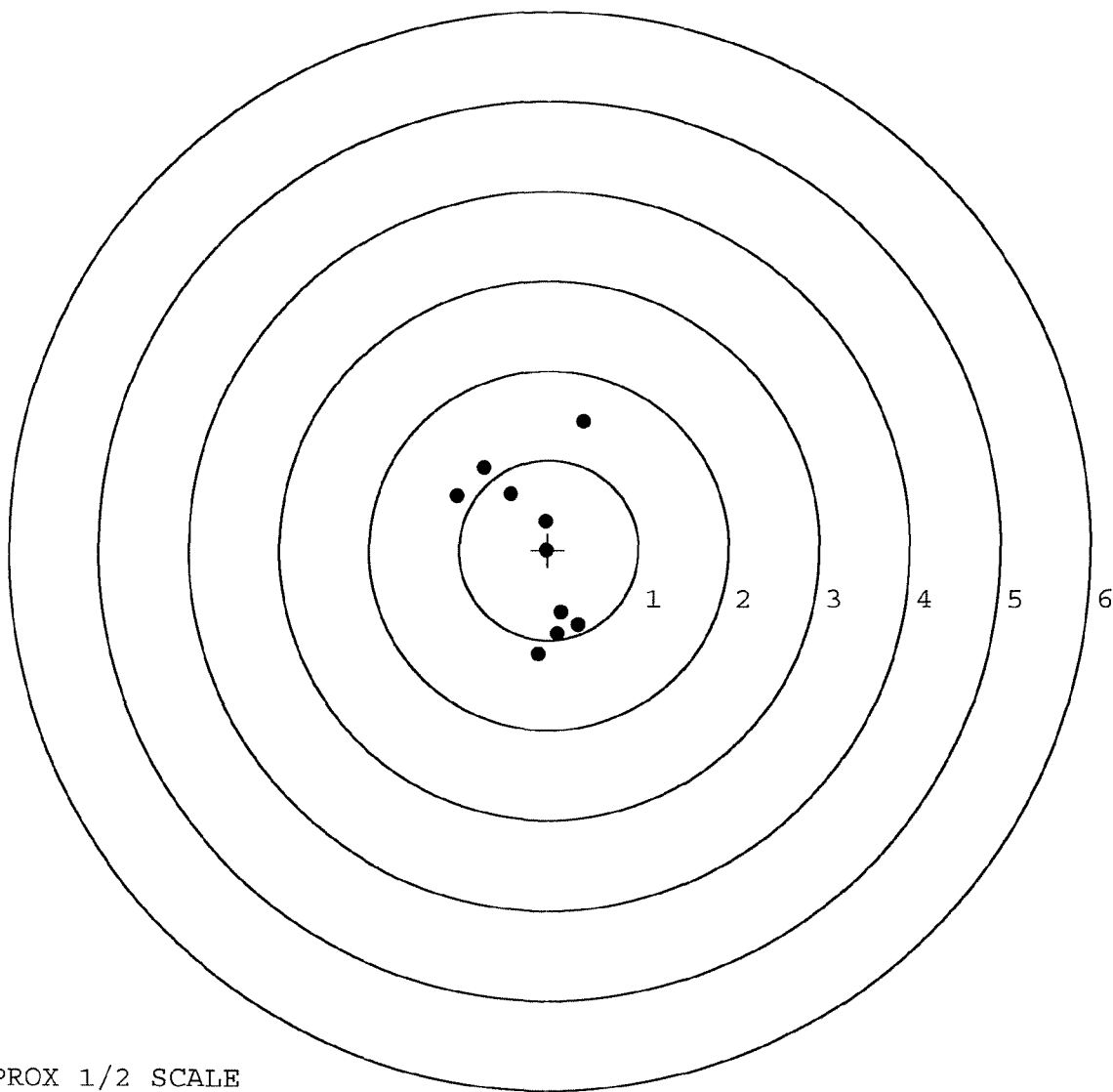
MAX RADIUS: 1.503

MEAN RADIUS: 0.864

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0100206

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 1-19-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.54	2.44		2.59	
PULL #2	2.50	2.53		2.52	
PULL #3	2.48	2.35		2.51	
PULL #4	2.62	2.41		2.53	
PULL #5	2.59	2.41		2.54	
TOTAL	12.73	12.14		12.69	
AVERAGE	2.54	2.42		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.07		
PULL #2	2.99	3.03		
PULL #3	3.14	3.02		
PULL #4	3.12	3.09		
PULL #5	3.12	3.06		
TOTAL	15.42	15.27		
AVERAGE	3.08	3.05		

	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	4.09	4.16		4.20
PULL #2	4.09	4.19		4.17
PULL #3	4.19	4.05		4.08
PULL #4	4.07	4.15		4.20
PULL #5	4.09	4.11		4.21
TOTAL	20.53	20.66		20.86
AVERAGE	4.10	4.13		4.17