

G-4437731

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



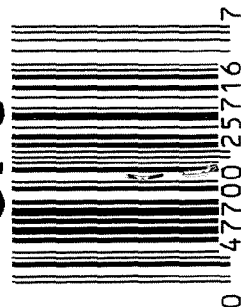
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6637731

UPC



ORDER 25716

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

UPC



0 47700 25716 7

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SERIAL NO.



66637731

GUN SERIAL # G 6637731

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		3-14-07	RTZ
420	ASSEMBLE ACTION		3-12-07	PPD
430	ASSEMBLE TO STOCK		3-12-07	PPD
440	PROOF		3-14-07	FM
460	CHECK HEADSPACE	INSPECTED	3-14-07	FM
470	DIS-ASSEMBLE ACTION	MAR 15 2007	3-14-07	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CW</u>	3-15-07	<u>CW</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-15-07	CW
510	DRILL AND TAP SIGHT HOLES		3-14-07	TRW
520	GOFF BLAST BBL / REC		3-19-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3-23-07	WJ
560	RE-ASSEMBLE ACTION		3-27-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-27-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-27-07	SD
	D) OIL FIRING PIN ASSEMBLY		3/28/07	PPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/18/07	<u>WJ</u>
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>8.5</u> <u>9.0</u> <u>9.0</u>	4-23-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.25</u>	4-23-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/25/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0255</u> <u>.025</u> <u>.0245</u>	4-23-07	TRW
	J) ASSEMBLE STOCK		3/28/07	AD
	K) ASSEMBLE SWIVEL STUDS		4/25/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/25/07	non
	M) IRON SIGHT ALIGNMENT		4/25/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/25/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4/4/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-4-07	SD
670	FINAL INSPECTION A) HEADSPACE		4/25/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.68</u> <u>2.62</u> <u>2.54</u> <u>2.58</u> <u>2.70</u>	4/18/07	non
	C) FUNCTION		4/25/07	non
690	PACK		4/26/07	AD

F004 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637731.___0
FILE DATE AND TIME: 04/04/2007 23:45

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.007
The Average Y Centroid of the Five Target Set:	-0.047
The Average Point of Impact of the Five Target Set:	0.047
The Average Mean Radius of the Five Target Set:	0.811
The Distance from POA to Centroid Target #1:	0.149
The Distance from Centroid Target #2 to Centroid Target #1:	0.290
The Distance from Centroid Target #3 to Centroid Target #1:	0.259
The Distance from Centroid Target #4 to Centroid Target #1:	0.080
The Distance from Centroid Target #5 to Centroid Target #1:	0.338

BARBER - M24 0145493

SERIAL NUMBER: G6637731. __0

TARGET NUMBER: 1

FILE DATE: 04/04/2007

FILE TIME: 23:45

POINT#	X	Y
1:	-0.749	0.609
2:	-0.387	0.373
3:	-0.620	0.068
4:	-0.288	-0.166
5:	-0.542	-0.523
6:	0.437	-0.997
7:	0.720	-0.244
8:	1.165	-0.590
9:	0.994	0.200
10:	0.658	0.727

X CENTROID: 0.139

Y CENTROID: -0.054

POA TO CENTROID: 0.149

HORZ SPREAD: 1.914

VERT SPREAD: 1.724

GROUP SPREAD: 2.259

MIN RADIUS: 0.441

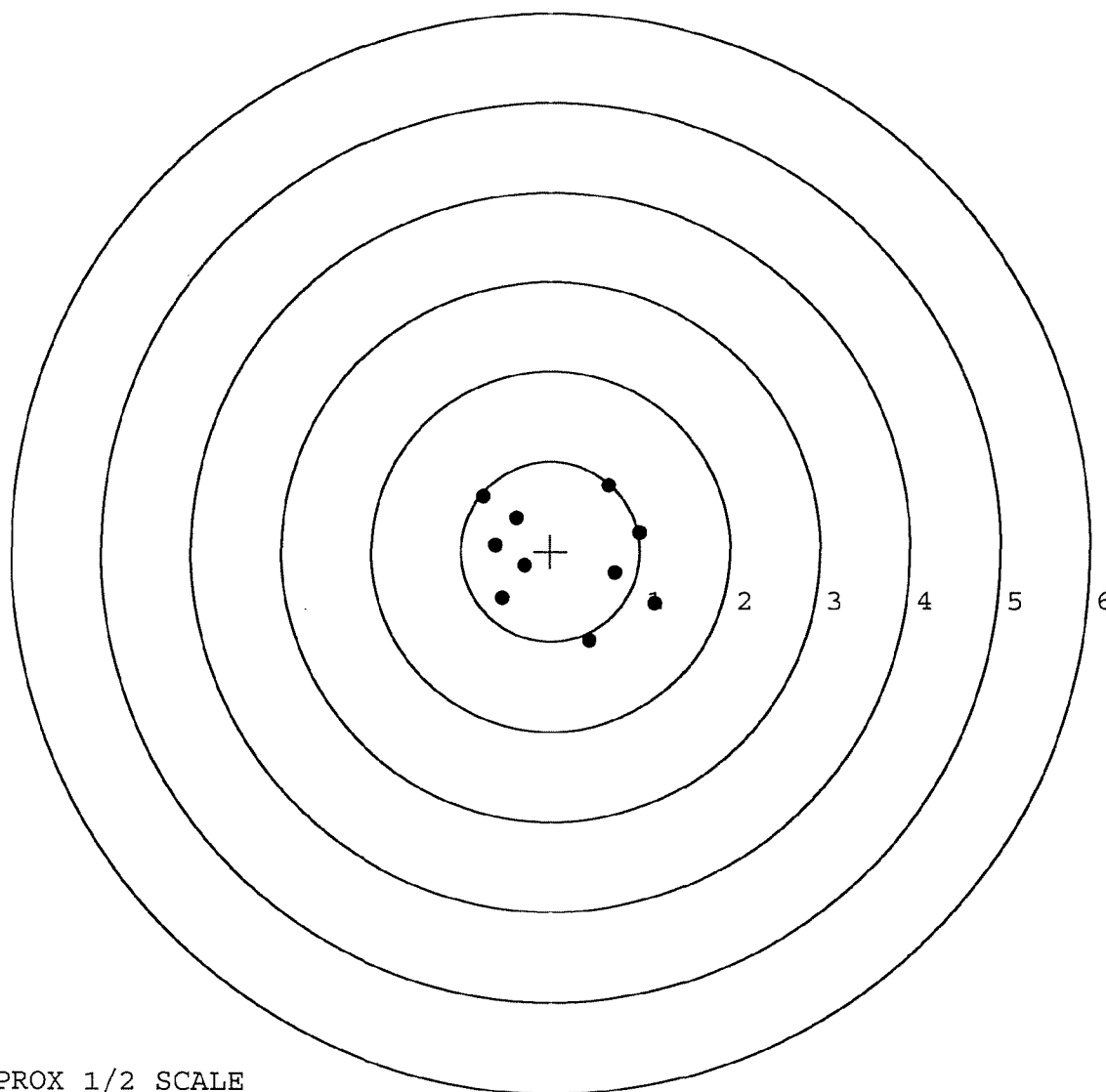
MAX RADIUS: 1.158

MEAN RADIUS: 0.841

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0145494

SERIAL NUMBER: G6637731. __ 0

TARGET NUMBER: 2

FILE DATE: 04/04/2007

FILE TIME: 23:45

POINT#	X	Y
1:	-0.545	1.082
2:	-0.367	0.499
3:	-0.113	0.331
4:	-0.542	-0.312
5:	-0.252	-0.383
6:	-0.293	-0.996
7:	0.470	-0.255
8:	0.639	1.057
9:	1.382	0.581
10:	-0.284	0.451

X CENTROID: 0.010

Y CENTROID: 0.206

POA TO CENTROID: 0.206

HORZ SPREAD: 1.927

VERT SPREAD: 2.078

GROUP SPREAD: 2.301

MIN RADIUS: 0.175

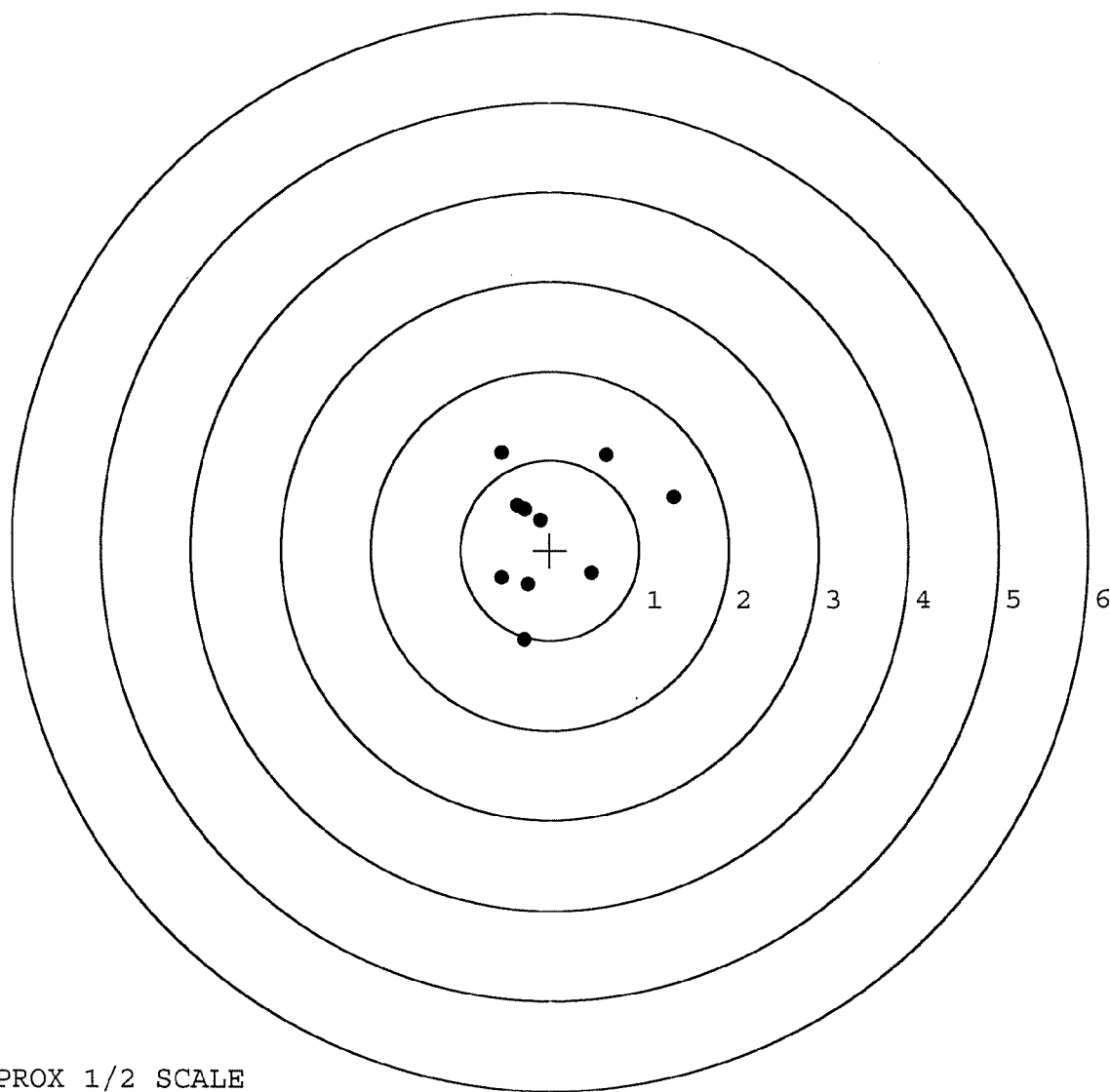
MAX RADIUS: 1.423

MEAN RADIUS: 0.784

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0145495

SERIAL NUMBER: G6637731. __0

TARGET NUMBER: 3

FILE DATE: 04/04/2007

FILE TIME: 23:45

POINT#	X	Y
1:	-0.119	1.142
2:	0.198	0.668
3:	-0.493	0.108
4:	-0.739	-0.483
5:	-0.332	-0.765
6:	0.001	-0.470
7:	0.438	-0.579
8:	0.583	-0.109
9:	0.499	-1.970
10:	-0.182	-0.175

X CENTROID: -0.015

Y CENTROID: -0.263

POA TO CENTROID: 0.264

HORZ SPREAD: 1.322

VERT SPREAD: 3.112

GROUP SPREAD: 3.173

MIN RADIUS: 0.189

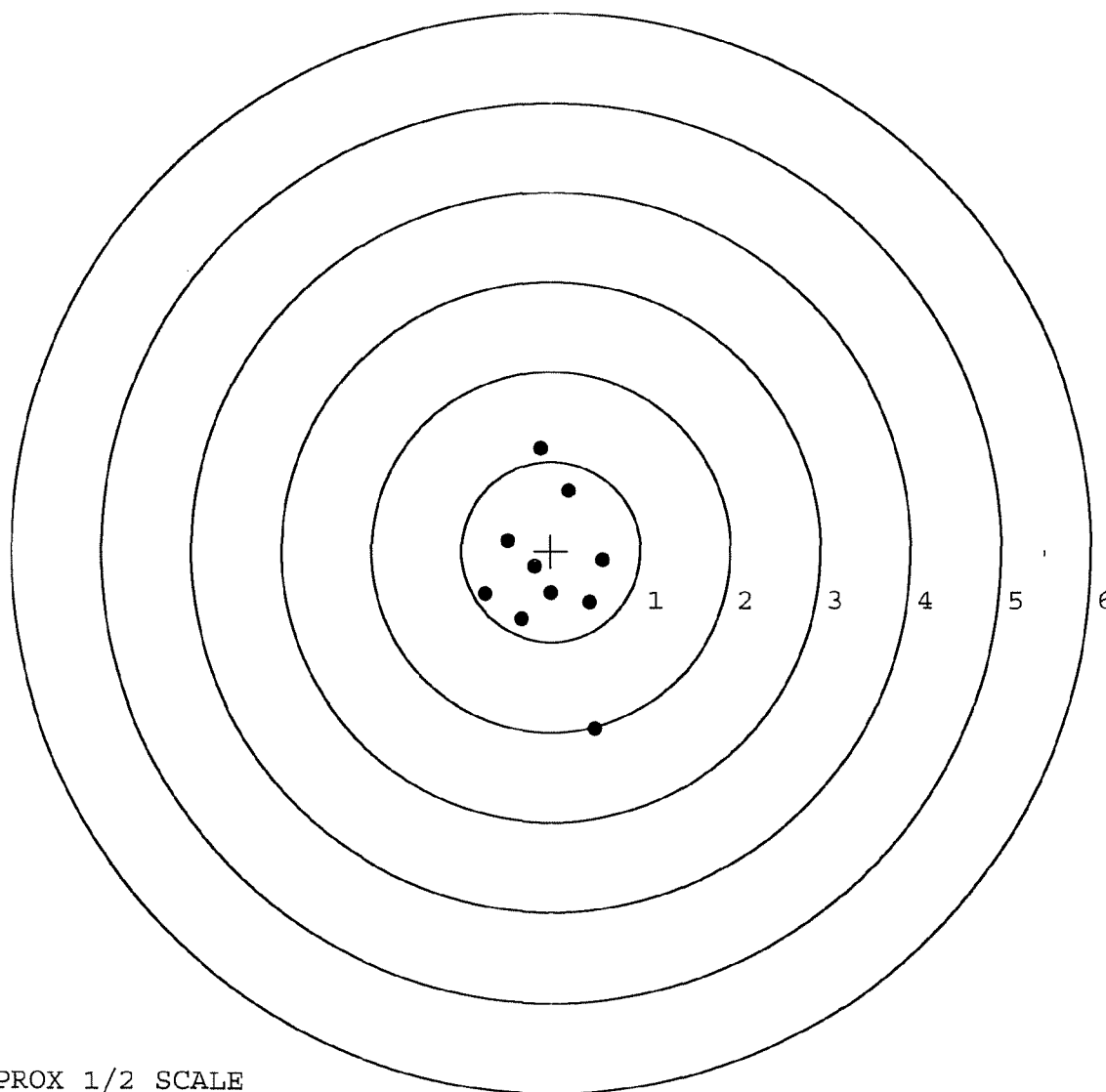
MAX RADIUS: 1.782

MEAN RADIUS: 0.767

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0145496

SERIAL NUMBER: G6637731. __0

TARGET NUMBER: 4

FILE DATE: 04/04/2007

FILE TIME: 23:45

POINT#	X	Y
1:	-0.148	1.270
2:	-0.061	0.812
3:	-0.930	0.221
4:	-0.919	-0.607
5:	-0.159	-0.530
6:	0.058	-0.483
7:	0.284	0.002
8:	0.668	0.038
9:	0.441	-1.017
10:	1.674	0.389

X CENTROID: 0.091

Y CENTROID: 0.009

POA TO CENTROID: 0.091

HORZ SPREAD: 2.604

VERT SPREAD: 2.287

GROUP SPREAD: 2.778

MIN RADIUS: 0.193

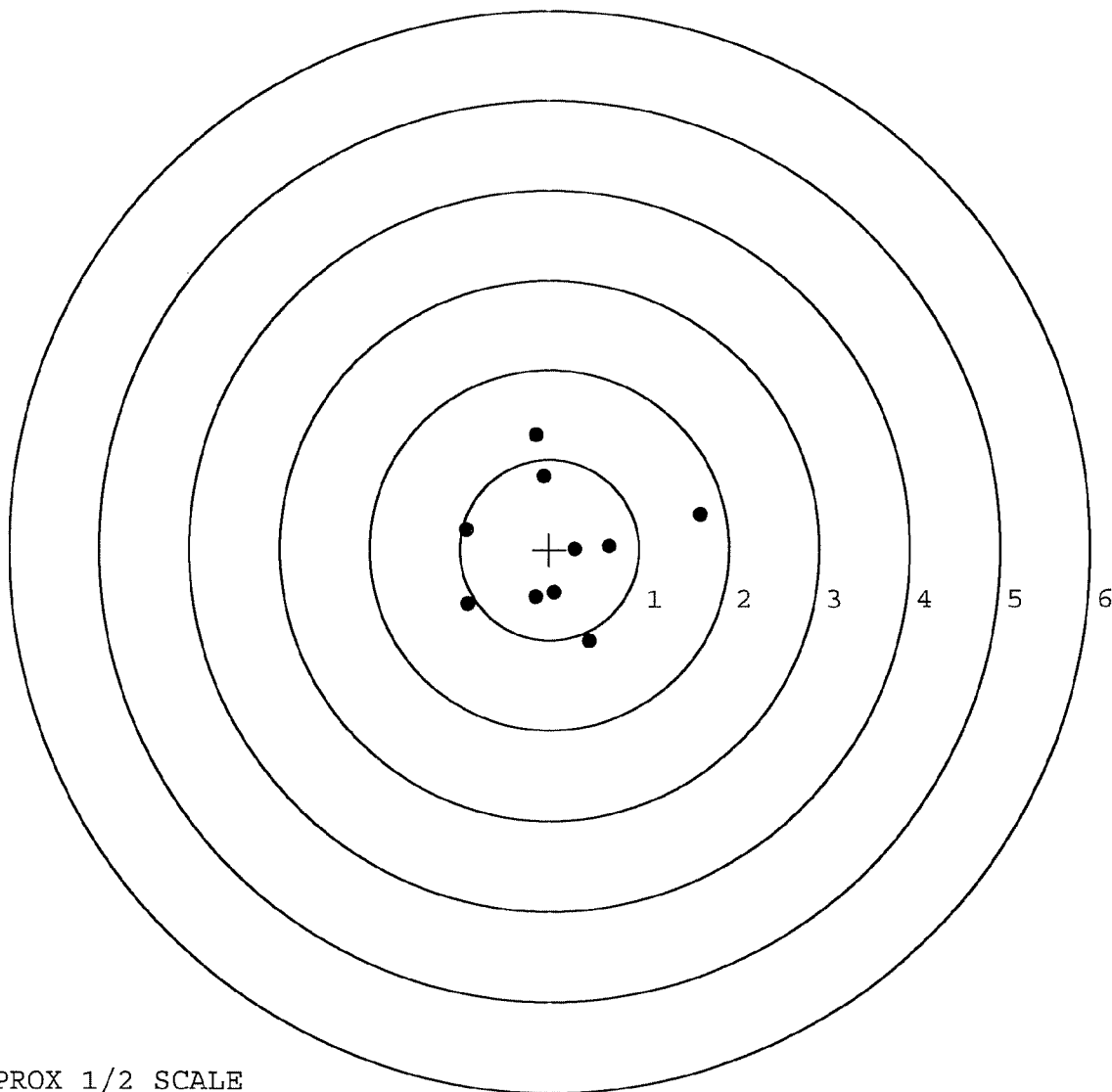
MAX RADIUS: 1.628

MEAN RADIUS: 0.890

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9



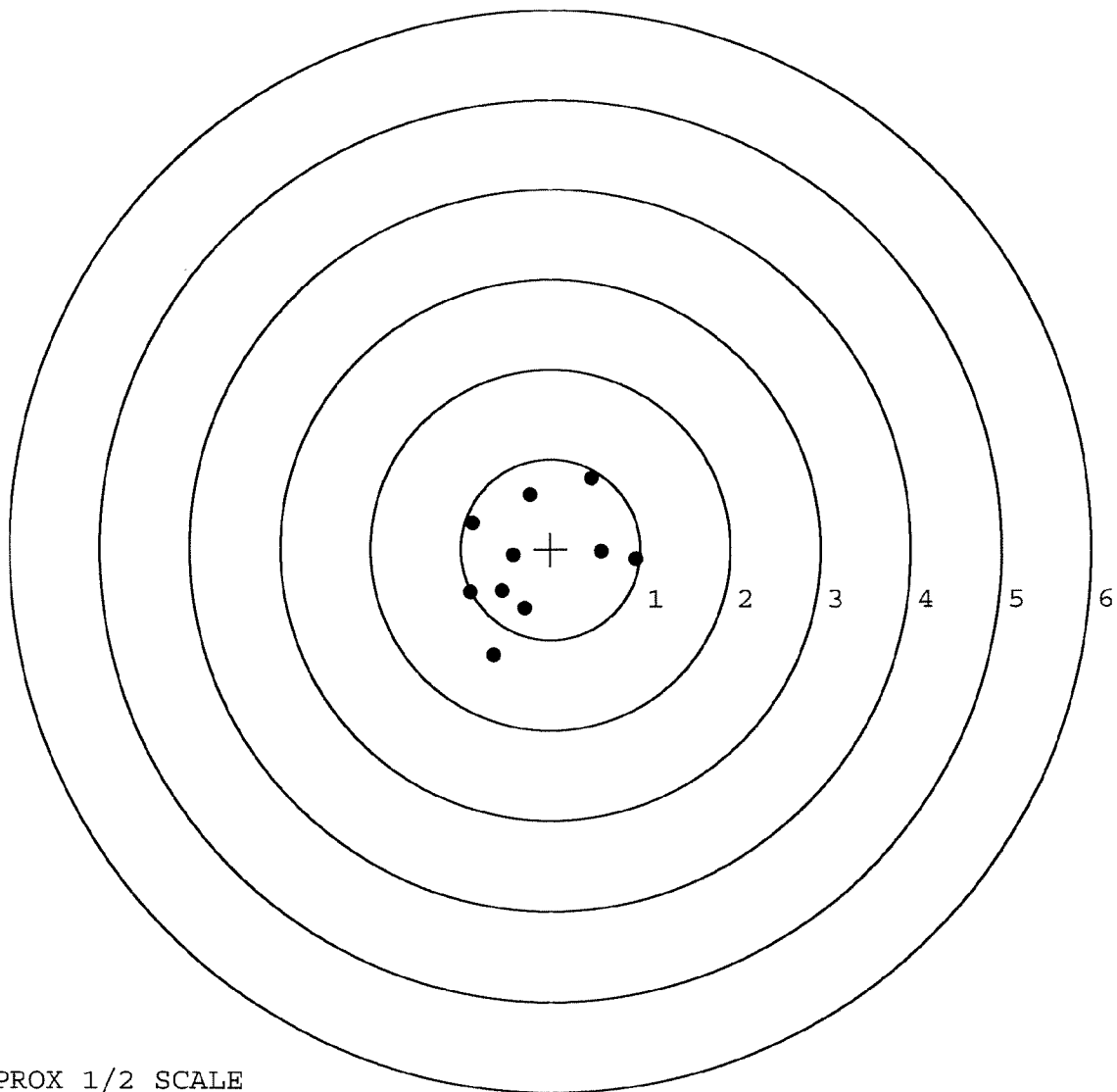
TARGET APPROX 1/2 SCALE

BARBER - M24 0145497

SERIAL NUMBER: G6637731. __0
 TARGET NUMBER: 5
 FILE DATE: 04/04/2007
 FILE TIME: 23:45

POINT#	X	Y
1:	-0.868	0.293
2:	-0.227	0.605
3:	0.460	0.784
4:	0.568	-0.029
5:	0.949	-0.118
6:	-0.419	-0.071
7:	-0.545	-0.463
8:	-0.287	-0.655
9:	-0.898	-0.479
10:	-0.638	-1.176

X CENTROID: -0.190
 Y CENTROID: -0.131
 POA TO CENTROID: 0.231
 HORZ SPREAD: 1.847
 VERT SPREAD: 1.960
 GROUP SPREAD: 1.907
 MIN RADIUS: 0.236
 MAX RADIUS: 1.140
 MEAN RADIUS: 0.774
 # IN 1 IN DIAMETER: 2
 # 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 3-28-07

 TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.77	2.53		2.61	
PULL #2	2.74	2.85		2.66	
PULL #3	2.72	2.85		2.77	
PULL #4	2.79	2.80		2.64	
PULL #5	2.73	2.63		2.61	
TOTAL	13.75	13.66		13.29	
AVERAGE	2.75	2.73		2.65	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.10	3.31		
PULL #2	3.03	3.45		
PULL #3	3.40	3.66		
PULL #4	3.27	3.60		
PULL #5	3.18	3.23		
TOTAL	15.98	17.25		
AVERAGE	3.19	3.45		

	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	4.49	4.23		4.39
PULL #2	4.48	4.42		4.39
PULL #3	4.49	4.12		4.27
PULL #4	4.40	4.28		4.23
PULL #5	4.28	4.31		4.19
TOTAL	22.14	21.36		21.47
AVERAGE	4.42	4.27		4.29