

G-6605-423

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



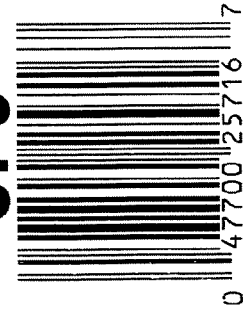
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6605423

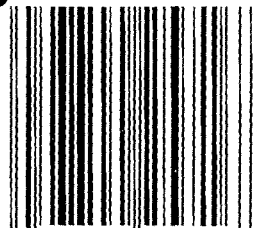
UPC



ORDER 25716

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

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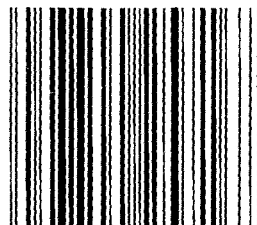


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M/24 7.62 NATO S.W.S. (COMPLETE SYS)

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SERIAL NO.



66605423

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6605423

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-13-06	BLG
420	ASSEMBLE ACTION		10-13-06	BLG
430	ASSEMBLE TO STOCK		10-13-06	WRC
440	PROOF		10-13-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	10-13-06	TRW
470	DIS-ASSEMBLE ACTION	OCT 17 2006	10-13-06	BLG
480	MAGNAFLUX BBL ACTION	OPERATOR <u>CPD</u>	10-17-06	APD
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		10-16-06	CW
510	DRILL AND TAP SIGHT HOLES		10-16-06	TRW
520	GOFF BLAST BBL / REC		10/19	TL
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		10/25/06	TS
560	RE-ASSEMBLE ACTION		11-10-06	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-10-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-10-06	SD
	D) OIL FIRING PIN ASSEMBLY		12-5-06	RJZ
	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>45</u> <u>52</u> <u>40</u>	12-14-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>82</u> <u>65</u> <u>62</u>	12-14-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.024</u>	12-14-06	SD
	J) ASSEMBLE STOCK		12-5-06	RTZ
	K) ASSEMBLE SWIVEL STUDS		12-18-06	BLG
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-18-06	BLG
	M) IRON SIGHT ALIGNMENT		12-18-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-18-06	BLG
640 &	FUNCTION TEST AND	<u>PASS</u> FAIL		
650	TARGET	<u>PASS</u> FAIL	12-5-06	NOT
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12-5-06	S.P.D.
670	FINAL INSPECTION A) HEADSPACE		12-18-06	BLG
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.63</u> <u>2.41</u> <u>2.40</u> <u>2.35</u> <u>2.39</u>	12-14-06	BLG
	C) FUNCTION		12-18-06	BLG
690	PACK		2-6-07	RAA

F004 REV 5/2006

BARBER - M24 0134706AVERAGE 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

11-14-06

TESTER

R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	246	250		240	
PULL #2	232	255		249	
PULL #3	256	236		258	
PULL #4	261	244		243	
PULL #5	269	244		261	
TOTAL	1264	1229		1251	
AVERAGE	252	245		250	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	317	328		
PULL #2	320	323		
PULL #3	314	322		
PULL #4	314	311		
PULL #5	319	303		
TOTAL	1584	1587		
AVERAGE	316	317		

	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	421	429		407
PULL #2	405	421		409
PULL #3	400	391		423
PULL #4	418	429		419
PULL #5	412	418		416
TOTAL	2056	2088		2074
AVERAGE	411	417		414

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6605423.___0
FILE DATE AND TIME: 12/06/2006 06:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.074
The Average Y Centroid of the Five Target Set:	0.083
The Average Point of Impact of the Five Target Set:	0.111
The Average Mean Radius of the Five Target Set:	0.848
The Distance from POA to Centroid Target #1:	0.053
The Distance from Centroid Target #2 to Centroid Target #1:	0.045
The Distance from Centroid Target #3 to Centroid Target #1:	0.234
The Distance from Centroid Target #4 to Centroid Target #1:	0.216
The Distance from Centroid Target #5 to Centroid Target #1:	0.222

BARBER - M24 0134708

SERIAL NUMBER: G6605423. 0

TARGET NUMBER: 1

FILE DATE: 12/06/2006

FILE TIME: 06:26

X CENTROID: 0.052

Y CENTROID: 0.009

POA TO CENTROID: 0.053

HORZ SPREAD: 1.728

VERT SPREAD: 3.363

GROUP SPREAD: 3.420

MIN RADIUS: 0.338

MAX RADIUS: 2.209

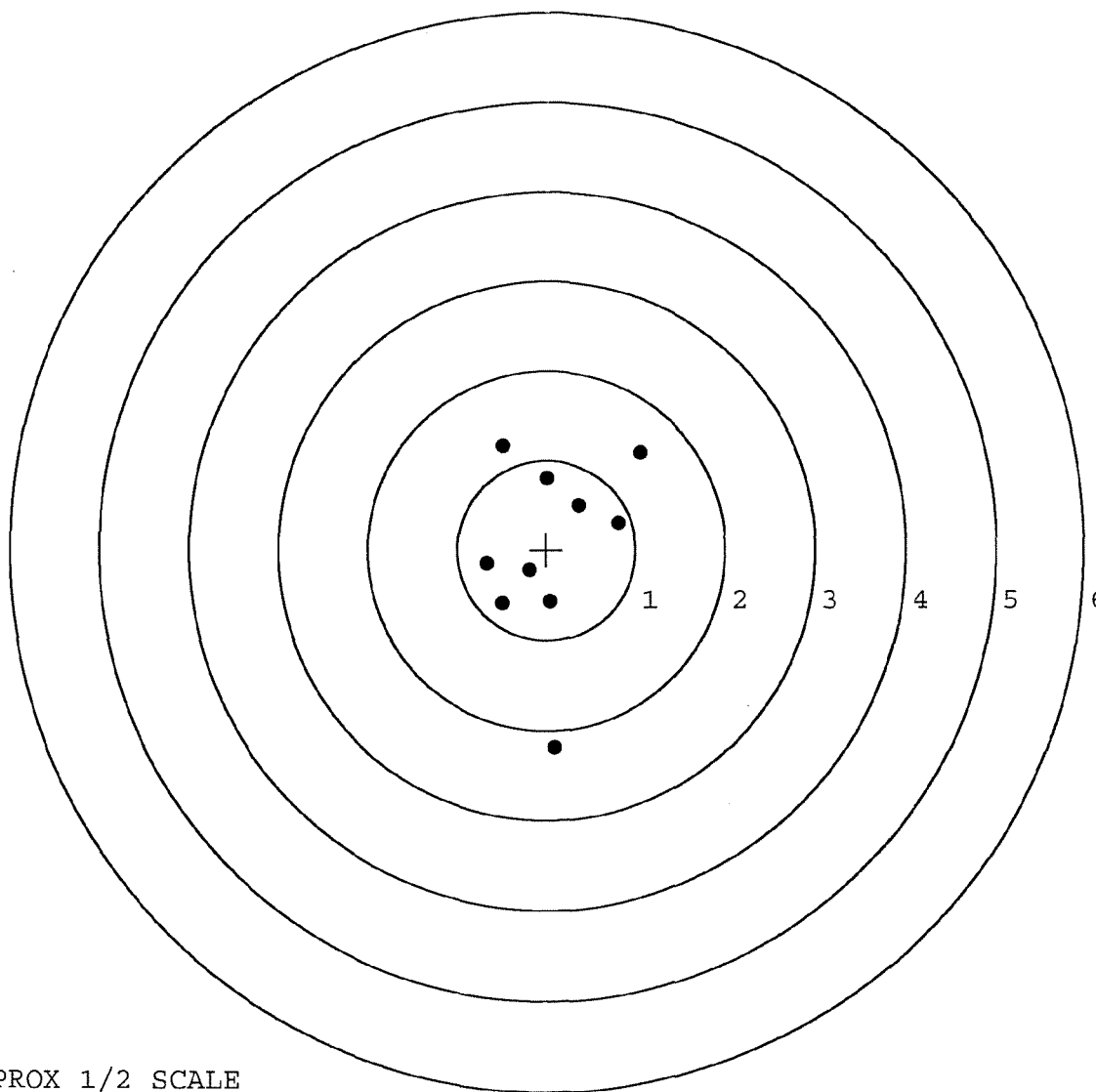
MEAN RADIUS: 0.961

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.489	1.163
2:	0.008	0.799
3:	0.364	0.495
4:	0.806	0.298
5:	1.056	1.083
6:	0.045	-0.574
7:	-0.190	-0.227
8:	-0.672	-0.155
9:	-0.500	-0.597
10:	0.096	-2.200



TARGET APPROX 1/2 SCALE

BARBER - M24 0134709

SERIAL NUMBER: G6605423. __0

TARGET NUMBER: 2

FILE DATE: 12/06/2006

FILE TIME: 06:26

POINT#	X	Y
1:	0.013	-0.810
2:	0.459	-0.630
3:	0.639	-0.294
4:	0.360	-0.161
5:	-0.467	-0.206
6:	-0.054	0.028
7:	0.064	0.652
8:	-0.040	0.422
9:	-0.264	0.419
10:	-0.438	0.287

X CENTROID: 0.027

Y CENTROID: -0.029

POA TO CENTROID: 0.040

HORZ SPREAD: 1.106

VERT SPREAD: 1.462

GROUP SPREAD: 1.463

MIN RADIUS: 0.099

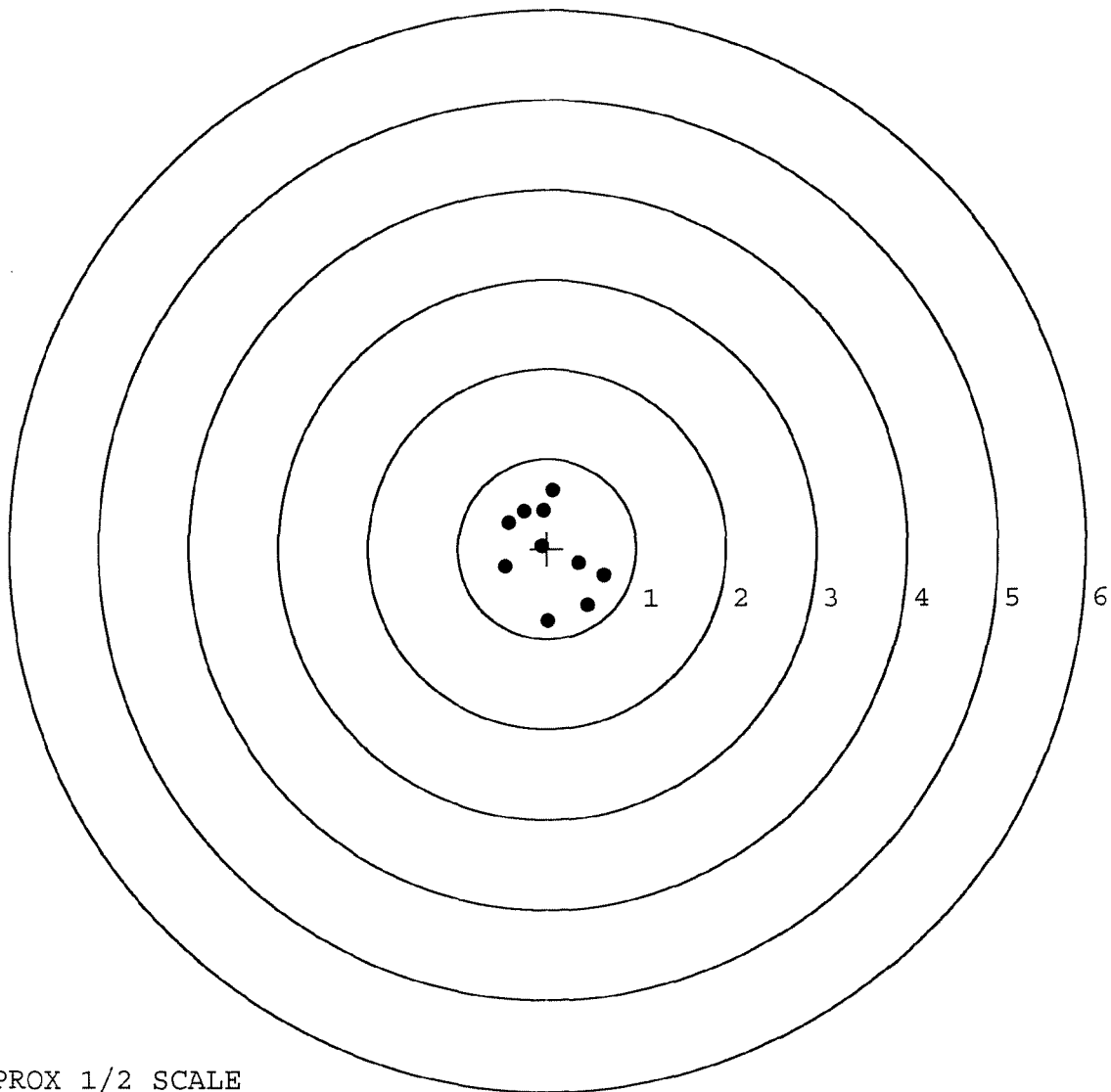
MAX RADIUS: 0.781

MEAN RADIUS: 0.541

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0134710

SERIAL NUMBER: G6605423. __0

TARGET NUMBER: 3

FILE DATE: 12/06/2006

FILE TIME: 06:26

X CENTROID: -0.146

Y CENTROID: 0.131

POA TO CENTROID: 0.197

HORZ SPREAD: 3.130

VERT SPREAD: 2.157

GROUP SPREAD: 3.801

MIN RADIUS: 0.213

MAX RADIUS: 1.957

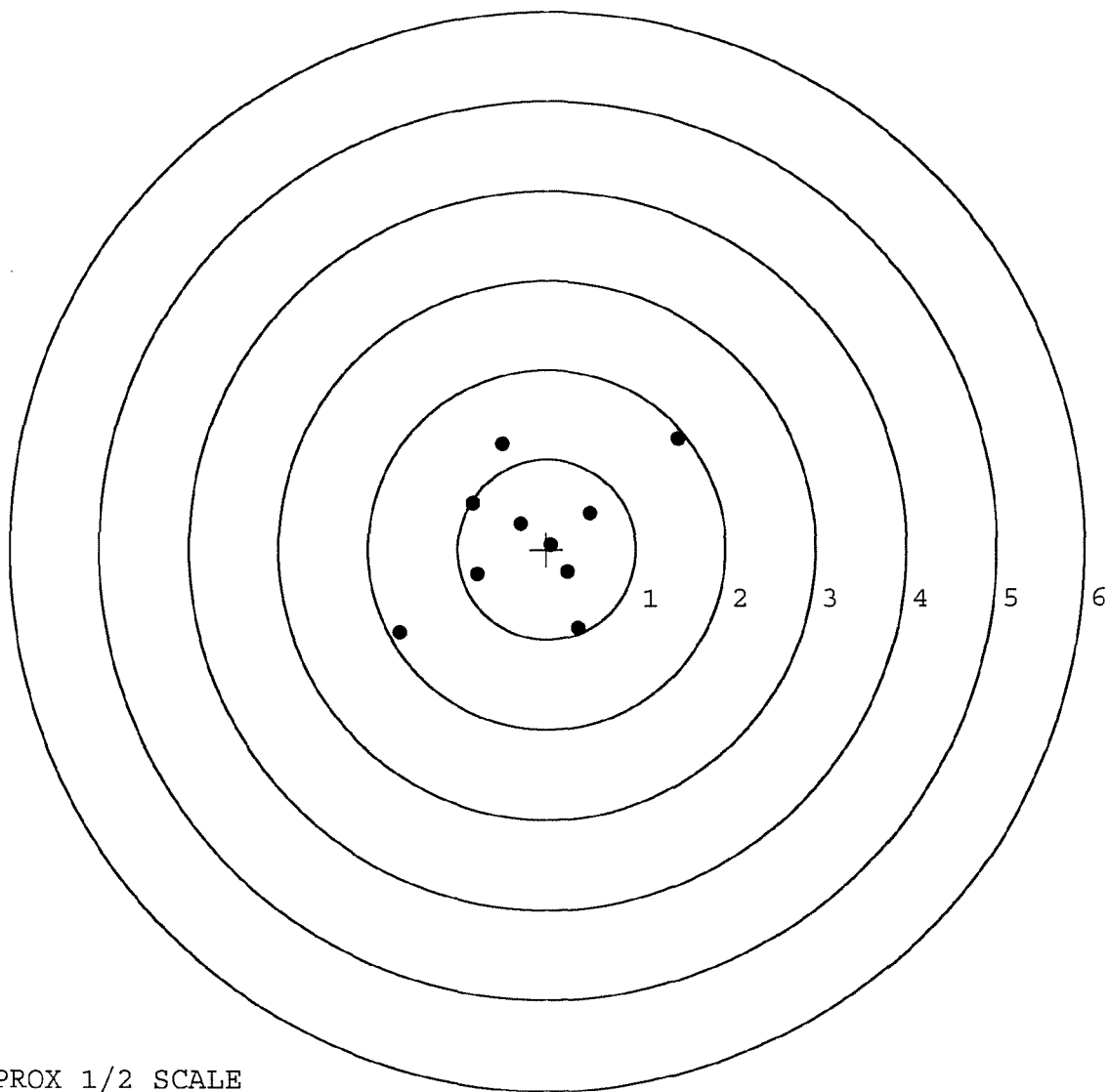
MEAN RADIUS: 0.921

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-1.653	-0.932
2:	-0.780	-0.276
3:	-0.832	0.516
4:	-0.495	1.169
5:	-0.297	0.284
6:	0.051	0.051
7:	0.235	-0.249
8:	0.351	-0.880
9:	0.480	0.406
10:	1.477	1.225



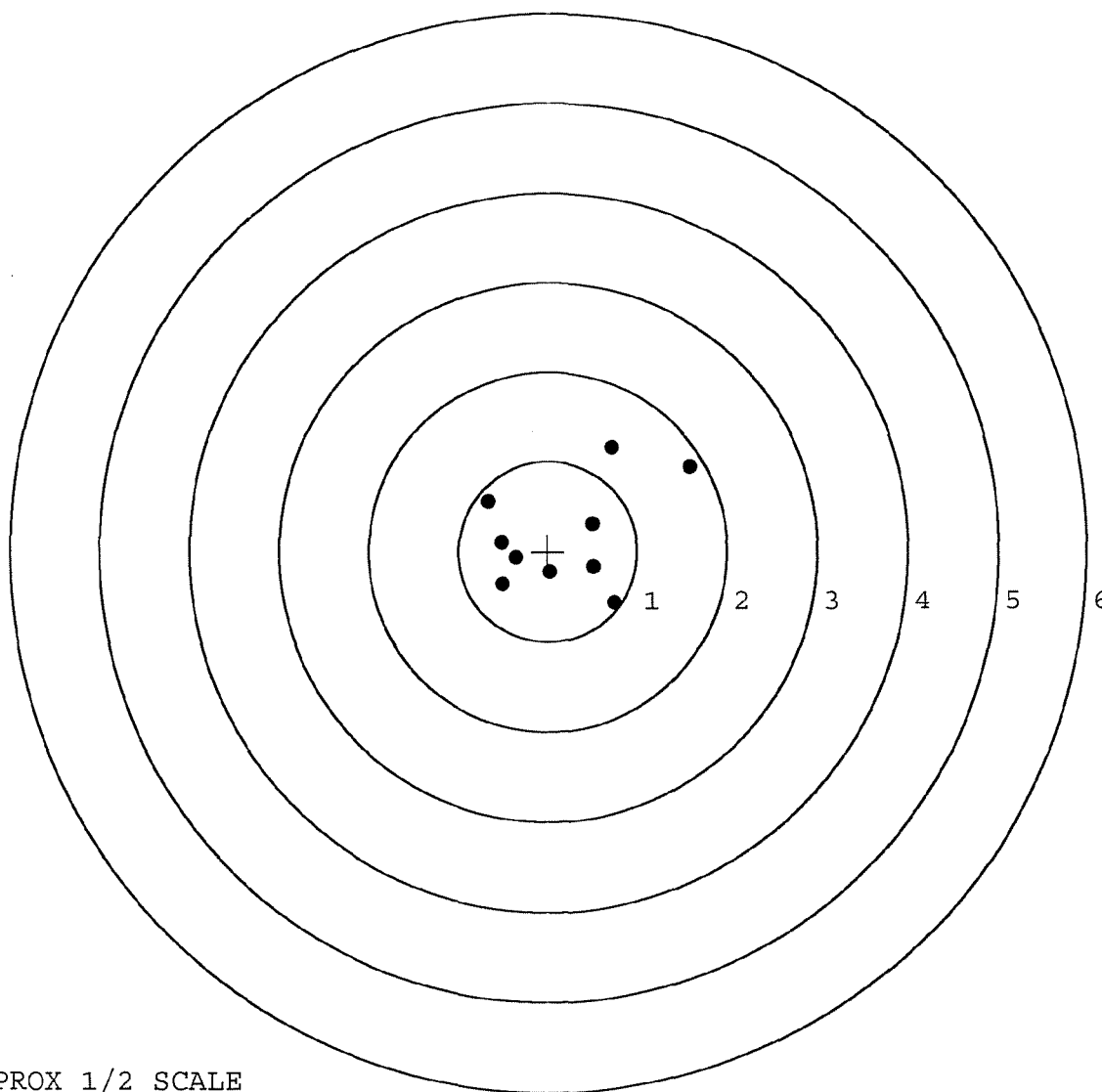
TARGET APPROX 1/2 SCALE

BARBER - M24 0134711

SERIAL NUMBER: G6605423. __0
 TARGET NUMBER: 4
 FILE DATE: 12/06/2006
 FILE TIME: 06:26

X CENTROID: 0.202
 Y CENTROID: 0.164
 POA TO CENTROID: 0.261
 HORZ SPREAD: 2.261
 VERT SPREAD: 1.721
 GROUP SPREAD: 2.476
 MIN RADIUS: 0.329
 MAX RADIUS: 1.591
 MEAN RADIUS: 0.801
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.591	0.940
2:	0.715	1.148
3:	0.496	0.313
4:	0.511	-0.172
5:	0.740	-0.573
6:	0.025	-0.233
7:	-0.513	-0.365
8:	-0.354	-0.072
9:	-0.520	0.101
10:	-0.670	0.557



TARGET APPROX 1/2 SCALE

BARBER - M24 0134712

SERIAL NUMBER: G6605423. __0

TARGET NUMBER: 5

FILE DATE: 12/06/2006

FILE TIME: 06:26

POINT#	X	Y
1:	1.873	1.798
2:	1.632	0.626
3:	0.968	-0.507
4:	0.589	-0.214
5:	-0.077	-0.414
6:	-0.077	0.087
7:	-0.727	-0.615
8:	-0.665	-0.148
9:	-0.512	0.231
10:	-0.675	0.542

X CENTROID: 0.233

Y CENTROID: 0.139

POA TO CENTROID: 0.271

HORZ SPREAD: 2.600

VERT SPREAD: 2.413

GROUP SPREAD: 3.547

MIN RADIUS: 0.314

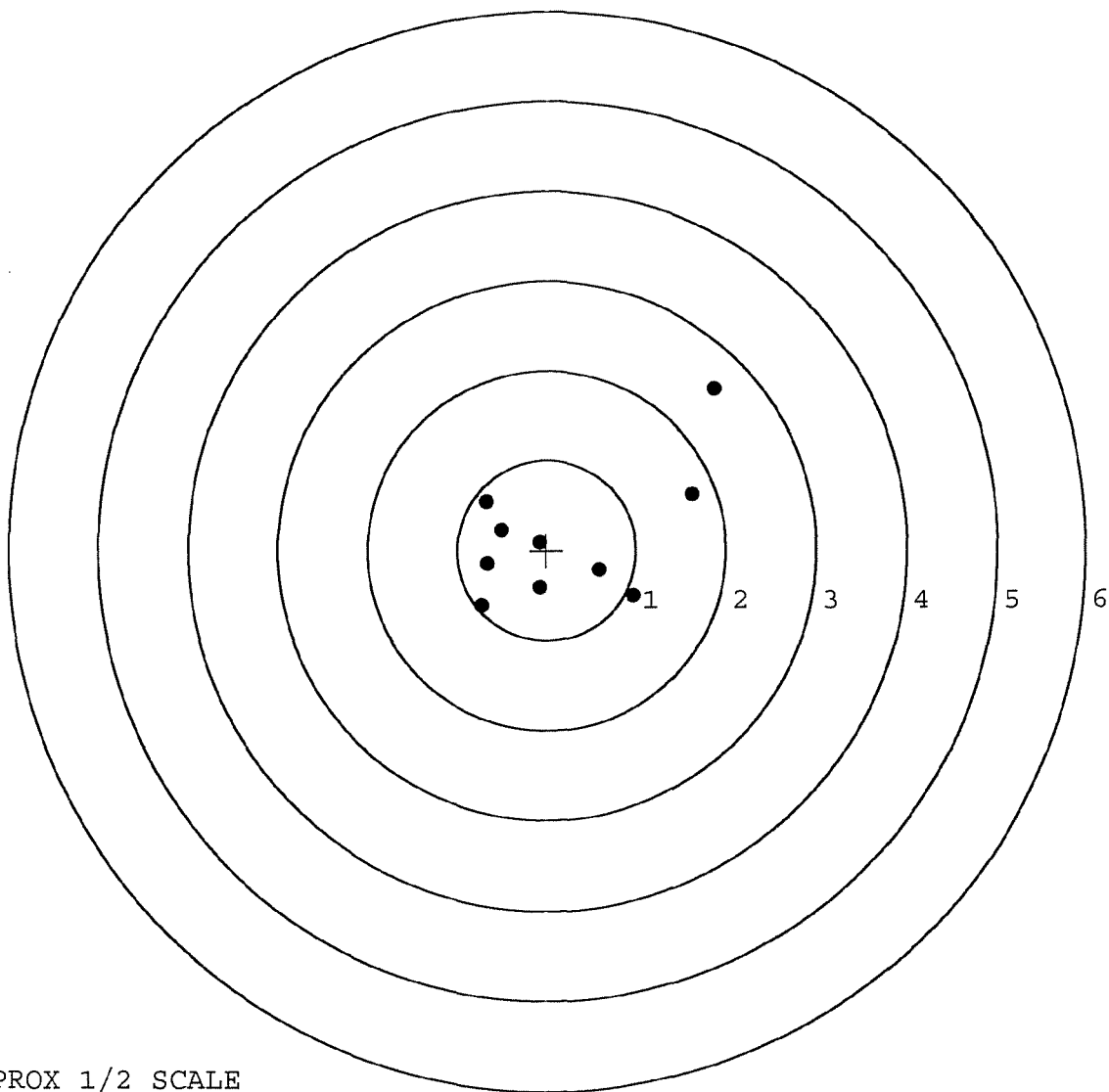
MAX RADIUS: 2.333

MEAN RADIUS: 1.015

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE