

G-6590223

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



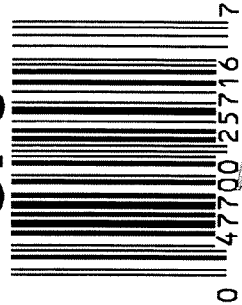
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6590223

UPC



ORDER 25716

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

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6590223

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-20-06	RTZ
420	ASSEMBLE ACTION		9-25-06	RTZ
430	ASSEMBLE TO STOCK		9-25-06	DK
440	PROOF		9-25-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	9-25-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 26 2006	9-25-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unus</u>	9/26/06	Lemus
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-27-06	UN
510	DRILL AND TAP SIGHT HOLES		9-26-06	TRW
520	GOFF BLAST BBL / REC		9-28-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/29/06	TS
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		10/2/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		10/2/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		10/2/06	DA
	D) OIL FIRING PIN ASSEMBLY		10-5-06	BLC
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/10/06	not

F004 REV 5/2006

OP #	OPERATION	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>65</u> <u>64</u> <u>65</u>	10-10-06	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>30</u> <u>30</u> <u>30</u>	10-10-06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY		10/10/06	nm
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.024</u> <u>1.024</u>	10-10-06	RA
	J) ASSEMBLE STOCK		10-5-06	BLG
	K) ASSEMBLE SWIVEL STUDS		10/10/06	nm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-5-06	BLG
	M) IRON SIGHT ALIGNMENT		10-5-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-5-06	BLG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10/5/06	nm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-5-06	L.P.D.
670	FINAL INSPECTION A) HEADSPACE		10/10/06	nm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.29</u> <u>2.16</u> <u>2.17</u> <u>2.19</u> <u>2.14</u>	10-9-06	RA
	C) FUNCTION		10/10/06	nm
690	PACK		10/24/06	RA

F004 REV 5/2006

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 9-14-06

TESTER RP

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.45	2.46		2.46	
PULL #2	2.30	2.41		2.44	
PULL #3	2.30	2.54		2.42	
PULL #4	2.36	2.52		2.42	
PULL #5	2.42	2.51		2.49	
TOTAL	11.83	12.44		12.23	
AVERAGE	2.36	2.48		2.44	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.07	2.99		
PULL #2	3.13	2.98		
PULL #3	3.03	3.12		
PULL #4	3.04	3.04		
PULL #5	3.03	3.02		
TOTAL	15.30	15.15		
AVERAGE	3.06	3.03		

	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	3.83		4.03
PULL #2	3.95	4.00		4.26
PULL #3	4.06	3.91		4.11
PULL #4	4.01	4.00		4.19
PULL #5	4.01	4.03		4.15
TOTAL	20.12	19.77		20.74
AVERAGE	4.02	3.95		4.14

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590223.___0
FILE DATE AND TIME: 10/06/2006 05:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.002
The Average Y Centroid of the Five Target Set:	-0.043
The Average Point of Impact of the Five Target Set:	0.043
The Average Mean Radius of the Five Target Set:	0.728
The Distance from POA to Centroid Target #1:	0.241
The Distance from Centroid Target #2 to Centroid Target #1:	0.284
The Distance from Centroid Target #3 to Centroid Target #1:	0.240
The Distance from Centroid Target #4 to Centroid Target #1:	0.221
The Distance from Centroid Target #5 to Centroid Target #1:	0.274

BARBER - M24 0166979

SERIAL NUMBER: G6590223. __0

TARGET NUMBER: 1

FILE DATE: 10/06/2006

FILE TIME: 05:25

POINT#	X	Y
1:	0.593	-1.220
2:	1.104	-0.701
3:	0.930	-0.565
4:	0.306	-0.383
5:	-0.887	-0.565
6:	-0.427	-0.261
7:	0.036	-0.096
8:	-0.034	0.228
9:	-0.568	0.126
10:	-0.456	1.103

X CENTROID: 0.060

Y CENTROID: -0.233

POA TO CENTROID: 0.241

HORZ SPREAD: 1.991

VERT SPREAD: 2.323

GROUP SPREAD: 2.549

MIN RADIUS: 0.139

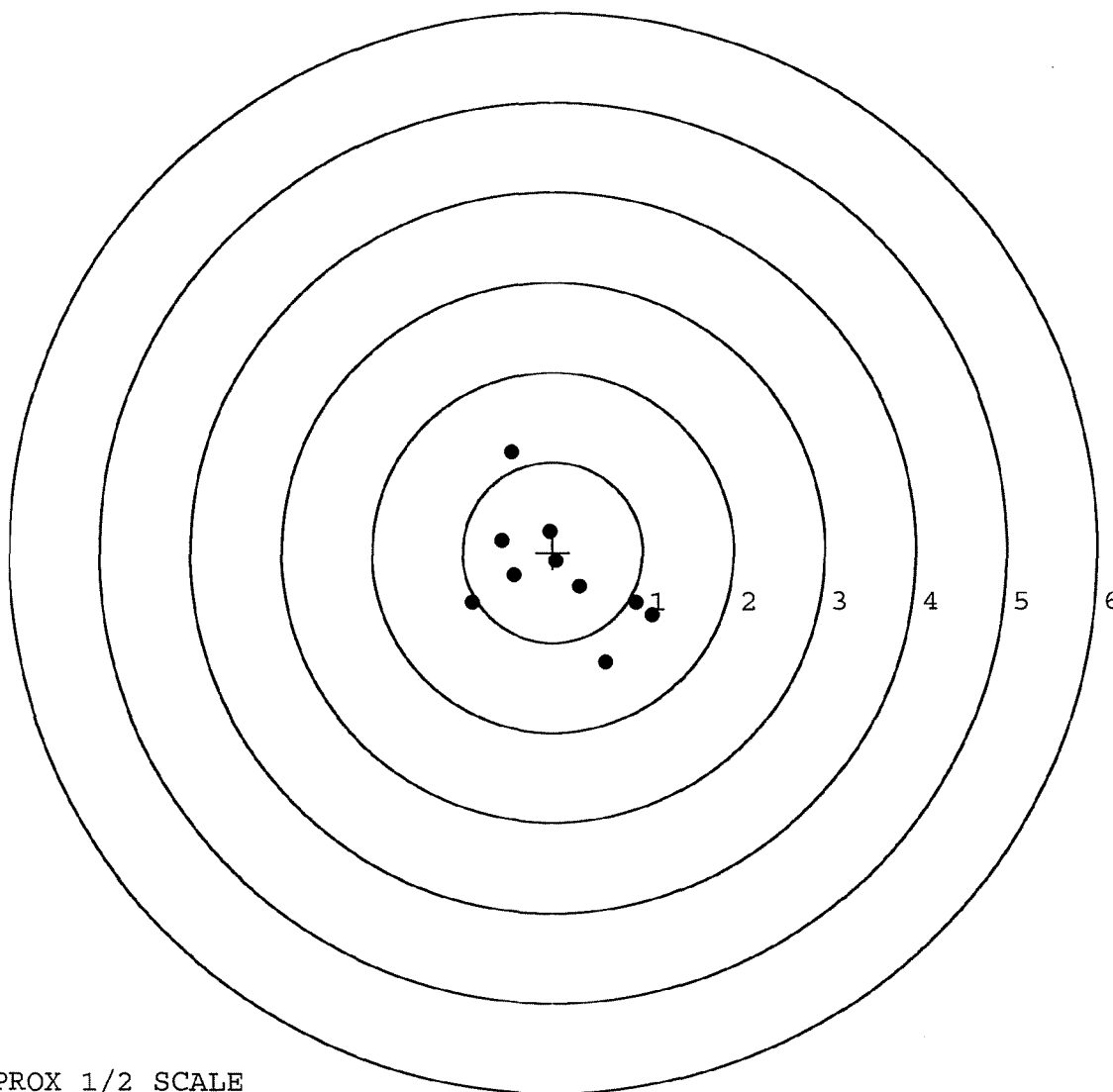
MAX RADIUS: 1.432

MEAN RADIUS: 0.774

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0166980

SERIAL NUMBER: G6590223. __0

TARGET NUMBER: 2

FILE DATE: 10/06/2006

FILE TIME: 05:25

POINT#	X	Y
1:	-0.273	-1.039
2:	0.735	-0.092
3:	0.421	-0.258
4:	0.181	-0.495
5:	-0.166	-0.298
6:	-0.879	-0.010
7:	-1.044	1.114
8:	-0.166	0.207
9:	0.276	0.334
10:	-0.078	0.553

X CENTROID: -0.099

Y CENTROID: 0.002

POA TO CENTROID: 0.099

HORZ SPREAD: 1.779

VERT SPREAD: 2.153

GROUP SPREAD: 2.287

MIN RADIUS: 0.216

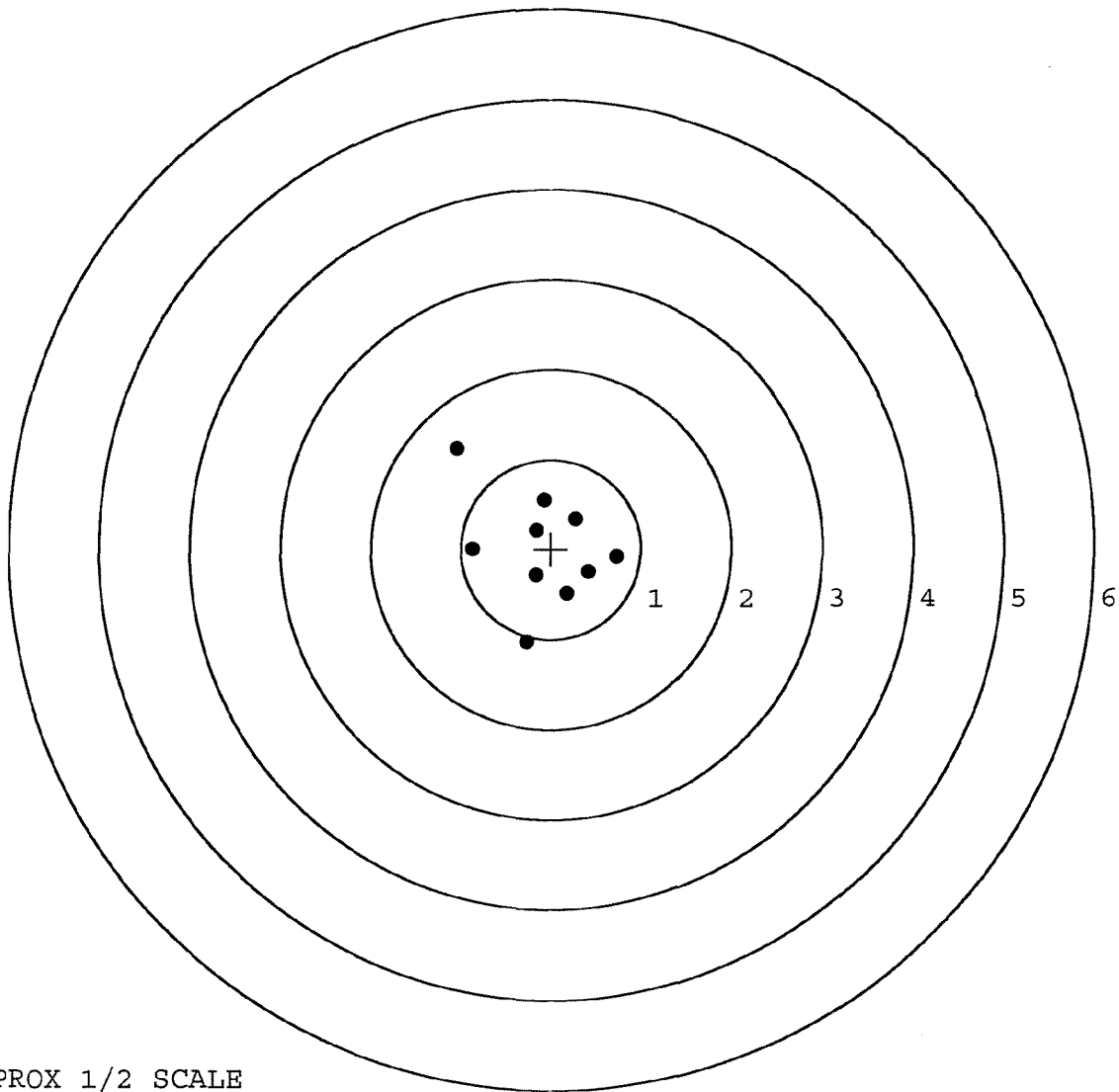
MAX RADIUS: 1.459

MEAN RADIUS: 0.686

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



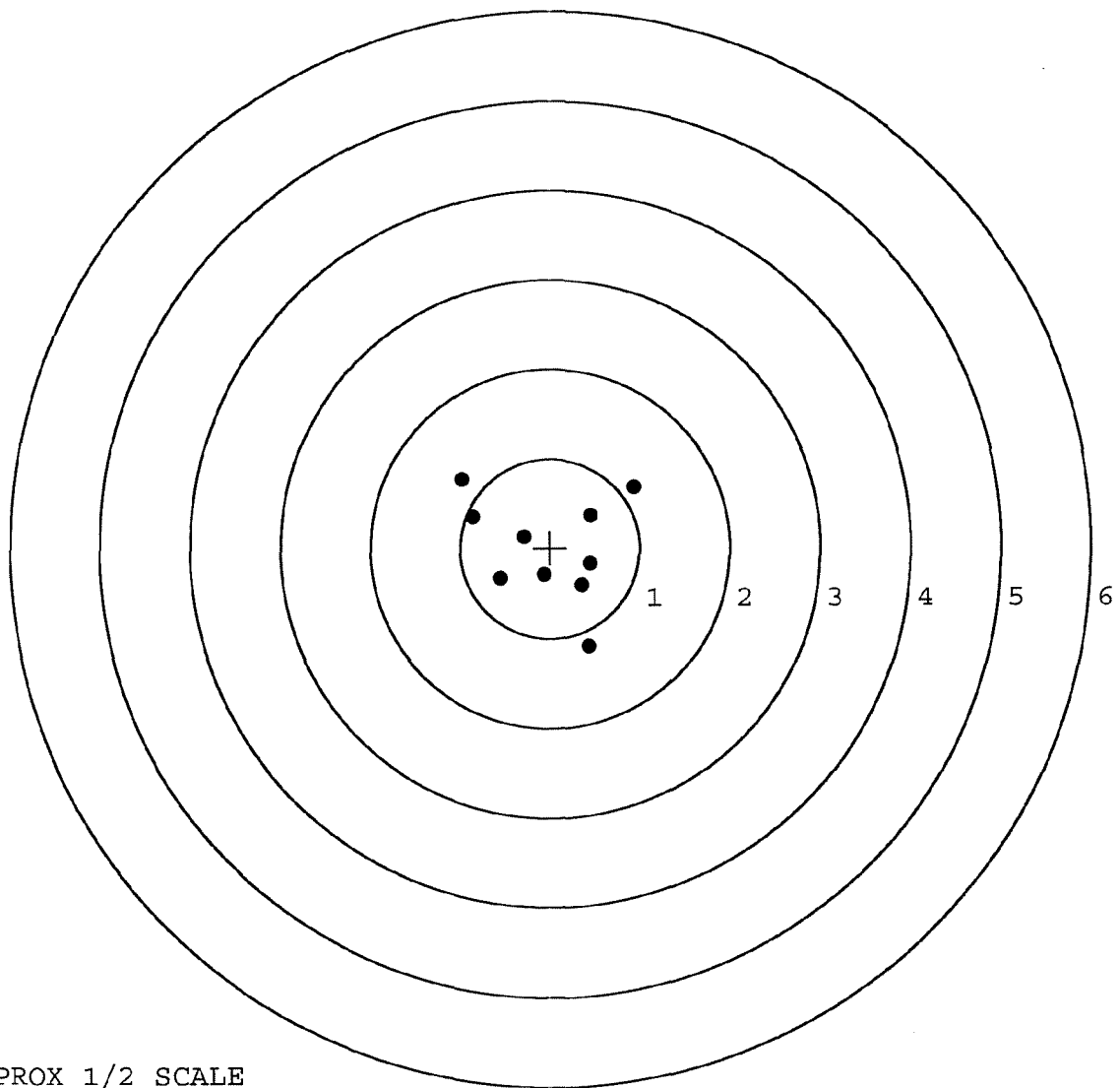
TARGET APPROX 1/2 SCALE

BARBER - M24 0166981

SERIAL NUMBER: G6590223. __0
 TARGET NUMBER: 3
 FILE DATE: 10/06/2006
 FILE TIME: 05:25

POINT#	X	Y
1:	0.440	-1.089
2:	-0.984	0.768
3:	-0.861	0.349
4:	-0.289	0.126
5:	-0.547	-0.345
6:	-0.066	-0.305
7:	0.363	-0.417
8:	0.459	-0.174
9:	0.455	0.369
10:	0.934	0.683

X CENTROID: -0.010
 Y CENTROID: -0.004
 POA TO CENTROID: 0.010
 HORZ SPREAD: 1.918
 VERT SPREAD: 1.857
 GROUP SPREAD: 2.340
 MIN RADIUS: 0.307
 MAX RADIUS: 1.243
 MEAN RADIUS: 0.741
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



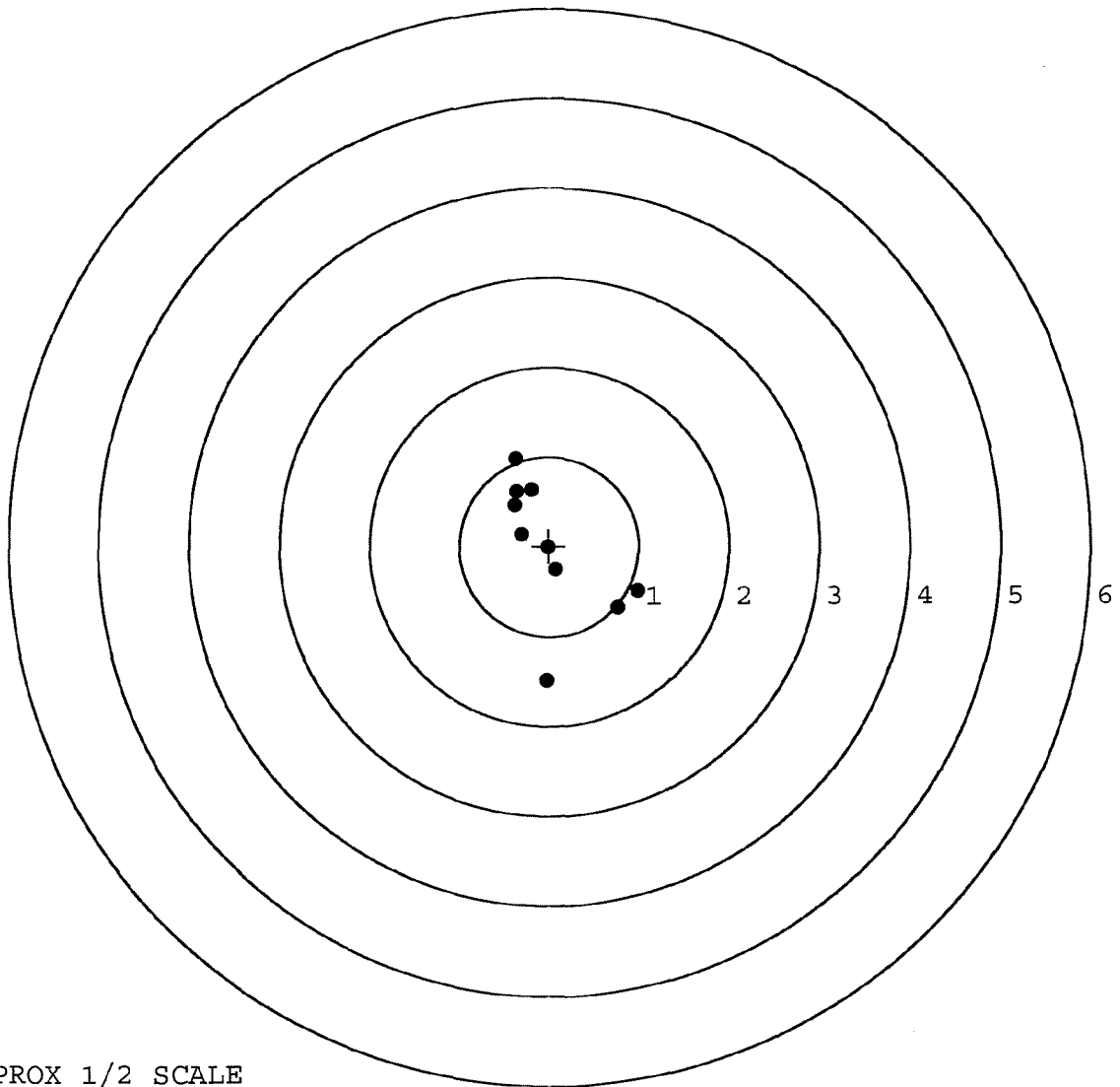
TARGET APPROX 1/2 SCALE

BARBER - M24 0166982

SERIAL NUMBER: G6590223. __ 0
 TARGET NUMBER: 4
 FILE DATE: 10/06/2006
 FILE TIME: 05:25

POINT#	X	Y
1:	-0.026	-1.498
2:	0.767	-0.685
3:	0.991	-0.496
4:	0.076	-0.263
5:	-0.012	-0.014
6:	-0.313	0.127
7:	-0.383	0.460
8:	-0.194	0.627
9:	-0.372	0.974
10:	-0.360	0.607

X CENTROID: 0.017
 Y CENTROID: -0.016
 POA TO CENTROID: 0.024
 HORZ SPREAD: 1.374
 VERT SPREAD: 2.472
 GROUP SPREAD: 2.496
 MIN RADIUS: 0.029
 MAX RADIUS: 1.483
 MEAN RADIUS: 0.731
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0166983

SERIAL NUMBER: G6590223. __0

TARGET NUMBER: 5

FILE DATE: 10/06/2006

FILE TIME: 05:25

POINT#	X	Y
1:	0.646	-1.033
2:	0.188	-0.666
3:	0.207	-0.349
4:	0.355	-0.174
5:	0.582	0.281
6:	0.407	0.408
7:	0.022	0.565
8:	-0.409	0.609
9:	-0.537	0.272
10:	-1.223	0.474

X CENTROID: 0.024

Y CENTROID: 0.039

POA TO CENTROID: 0.045

HORZ SPREAD: 1.869

VERT SPREAD: 1.642

GROUP SPREAD: 2.401

MIN RADIUS: 0.394

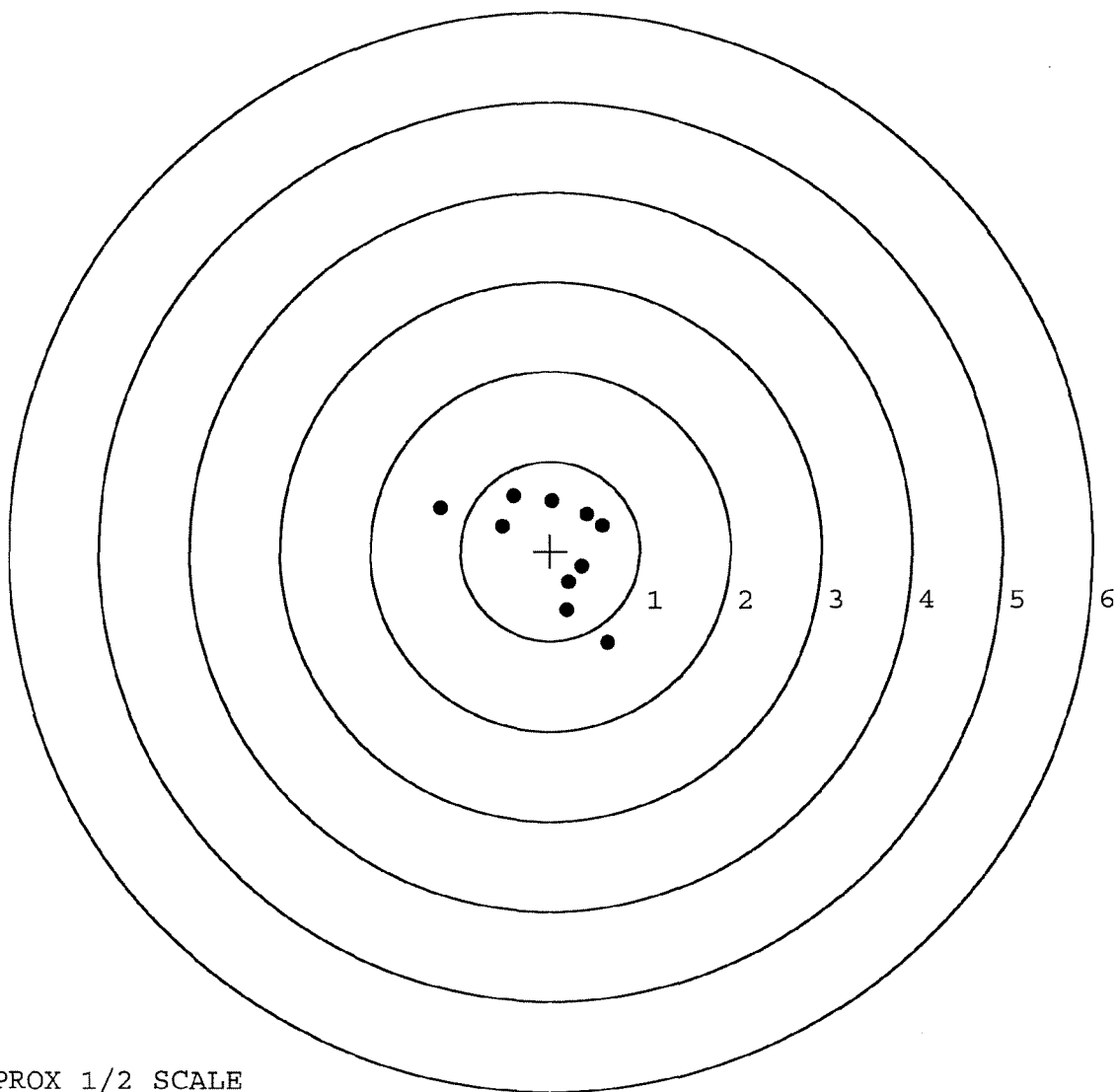
MAX RADIUS: 1.321

MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE