

G 6535278

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

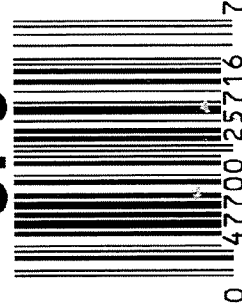
24"

CAPACITY

6

G6535278

UPC



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M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6535278

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-22-06	RTZ
420	ASSEMBLE ACTION		8-22-06	RTZ
430	ASSEMBLE TO STOCK		8-23-06	RP
440	PROOF		8-23-06	TRW
460	CHECK HEADSPACE	INSPECTED	8-23-06	TRW
470	DIS-ASSEMBLE ACTION	AUG 24 2006	8-23-06	RTZ
480	MAGNAFLUX BBL ACTION	SP-4-100R correct	8/24/06	correct
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		8-24-06	CW
510	DRILL AND TAP SIGHT HOLES		8-23-06	TRW
520	GOFF BLAST BBL / REC		8-25-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		8/31/06	TRW
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-6-06	RTZ
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-6-06	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-6-06	RTZ
	D) OIL FIRING PIN ASSEMBLY		9-6-06	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/11/06	TRW

F004 REV 5/2006

OPERATION NAME			READINGS			DATE	INITIAL
560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>7.0</u>	<u>7.0</u>	<u>7.0</u>	9/12/06	RA
CONT.							
	G) SAFETY OFF FORCE	2 LBS MIN	<u>3.5</u>	<u>3.5</u>	<u>3.5</u>	9/12/06	RA
	H) TRIGGER PULL TEST AND RETAINABILITY					10/11/06	mm
	I) FIRING PIN INDENT	.020 MIN	<u>.025</u>	<u>.025</u>	<u>.024</u>	9/12/06	
	J) ASSEMBLE STOCK					9-6-06	RR
	K) ASSEMBLE SWIVEL STUDS					10/11/06	mm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					9-6-06	RR
	M) IRON SIGHT ALIGNMENT					9-6-06	RR
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					9-6-06	RR
640 & 650	FUNCTION TEST AND TARGET		PASS PASS FAIL FAIL			9.7.06	TRW
	MALFUNCTION BAC MCW		CORRECTION OK OK			9-11-06	TRW
	MALFUNCTION		CORRECTION				
	MALFUNCTION		CORRECTION N/A				
	MALFUNCTION		CORRECTION				
660	INSPECT FOR LIVE AMMO					9.7.06	RD
670	FINAL INSPECTION A) HEADSPACE					10/11/06	mm
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.57</u>	<u>2.56</u>	<u>2.73</u> <u>2.76</u> <u>2.54</u>	9-12-06	RA
	C) FUNCTION					10/11/06	mm
690	PACK					11/12/06	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 8-29-06

TESTER MTH

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.41	2.47		2.44	
PULL #2	2.46	2.41		2.37	
PULL #3	2.41	2.43		2.42	
PULL #4	2.43	2.44		2.45	
PULL #5	2.45	2.36		2.43	
TOTAL	12.16	12.11		12.11	
AVERAGE	2.43	2.42		2.42	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.08		
PULL #2	3.02	3.07		
PULL #3	3.02	3.01		
PULL #4	2.97	3.06		
PULL #5	3.01	3.03		
TOTAL	15.07	15.25		
AVERAGE	3.01	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	4.07	4.18		4.19
PULL #2	4.17	4.16		4.20
PULL #3	4.15	4.13		4.24
PULL #4	4.14	4.18		4.18
PULL #5	4.09	4.08		4.21
TOTAL	20.62	20.73		20.02
AVERAGE	4.12	4.15		4.20

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6535278.___0

FILE DATE AND TIME: 09/07/2006 05:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.027
The Average Y Centroid of the Five Target Set:	0.067
The Average Point of Impact of the Five Target Set:	0.072
The Average Mean Radius of the Five Target Set:	0.756
The Distance from POA to Centroid Target #1:	0.036
The Distance from Centroid Target #2 to Centroid Target #1:	0.312
The Distance from Centroid Target #3 to Centroid Target #1:	0.126
The Distance from Centroid Target #4 to Centroid Target #1:	0.100
The Distance from Centroid Target #5 to Centroid Target #1:	0.060

BARBER - M24 0090482

SERIAL NUMBER: G6535278. __0

TARGET NUMBER: 1

FILE DATE: 09/07/2006

FILE TIME: 05:55

POINT#	X	Y
1:	0.002	-1.350
2:	-0.207	-0.784
3:	-0.858	-0.305
4:	-0.186	-0.191
5:	-1.089	0.484
6:	0.900	0.188
7:	0.361	0.045
8:	0.400	0.267
9:	0.411	0.785
10:	0.161	0.515

X CENTROID: -0.011

Y CENTROID: -0.035

POA TO CENTROID: 0.036

HORZ SPREAD: 1.989

VERT SPREAD: 2.135

GROUP SPREAD: 2.174

MIN RADIUS: 0.235

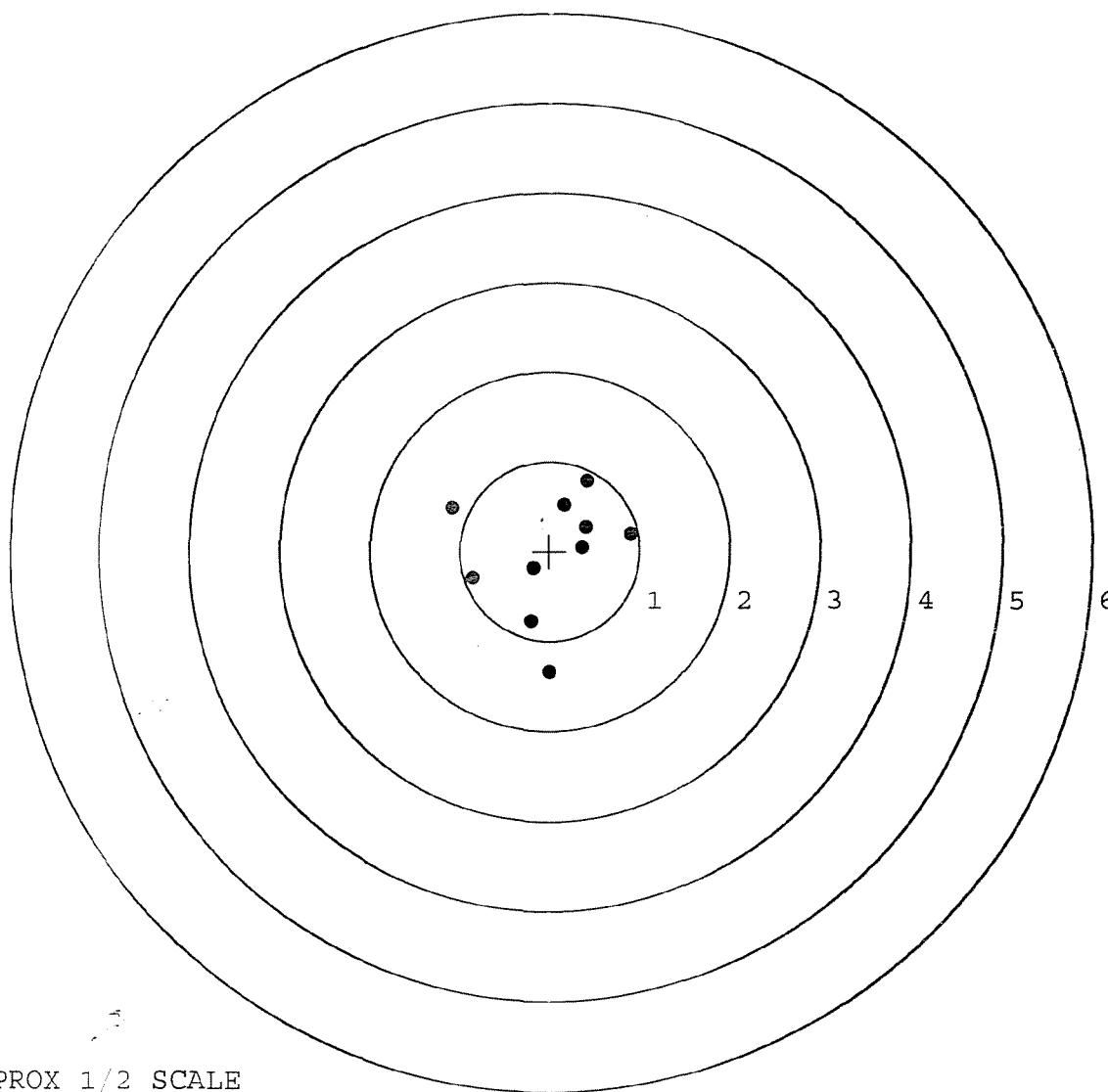
MAX RADIUS: 1.315

MEAN RADIUS: 0.774

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



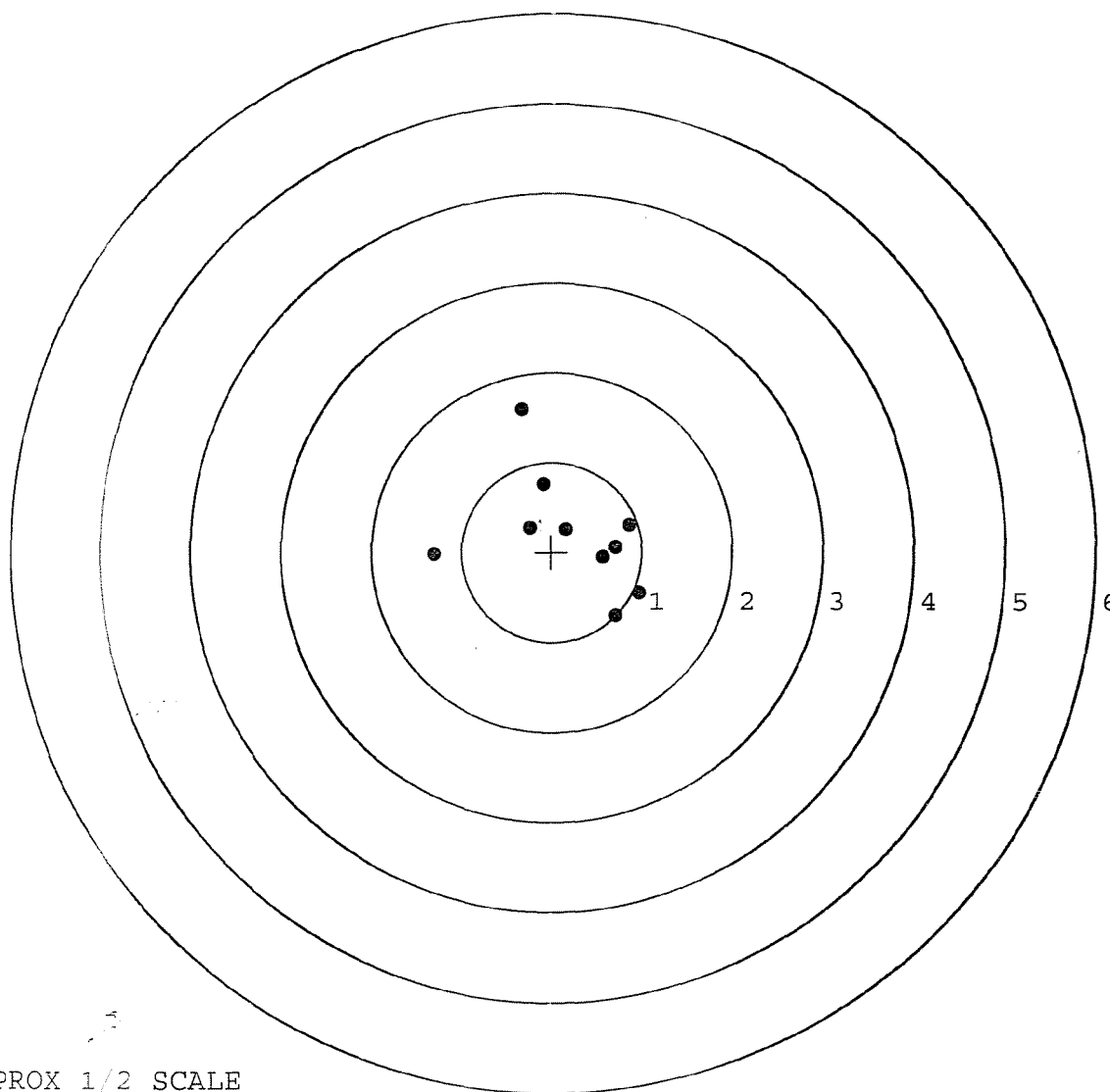
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535278. __0
 TARGET NUMBER: 2
 FILE DATE: 09/07/2006
 FILE TIME: 05:55

POINT#	X	Y
1:	-0.346	1.591
2:	-1.303	-0.027
3:	-0.097	0.756
4:	-0.252	0.271
5:	0.155	0.248
6:	0.707	-0.708
7:	0.968	-0.455
8:	0.857	0.301
9:	0.572	-0.059
10:	0.713	0.058

X CENTROID: 0.197
 Y CENTROID: 0.198
 POA TO CENTROID: 0.279
 HORZ SPREAD: 2.271
 VERT SPREAD: 2.299
 GROUP SPREAD: 2.311
 MIN RADIUS: 0.066
 MAX RADIUS: 1.517
 MEAN RADIUS: 0.787

IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



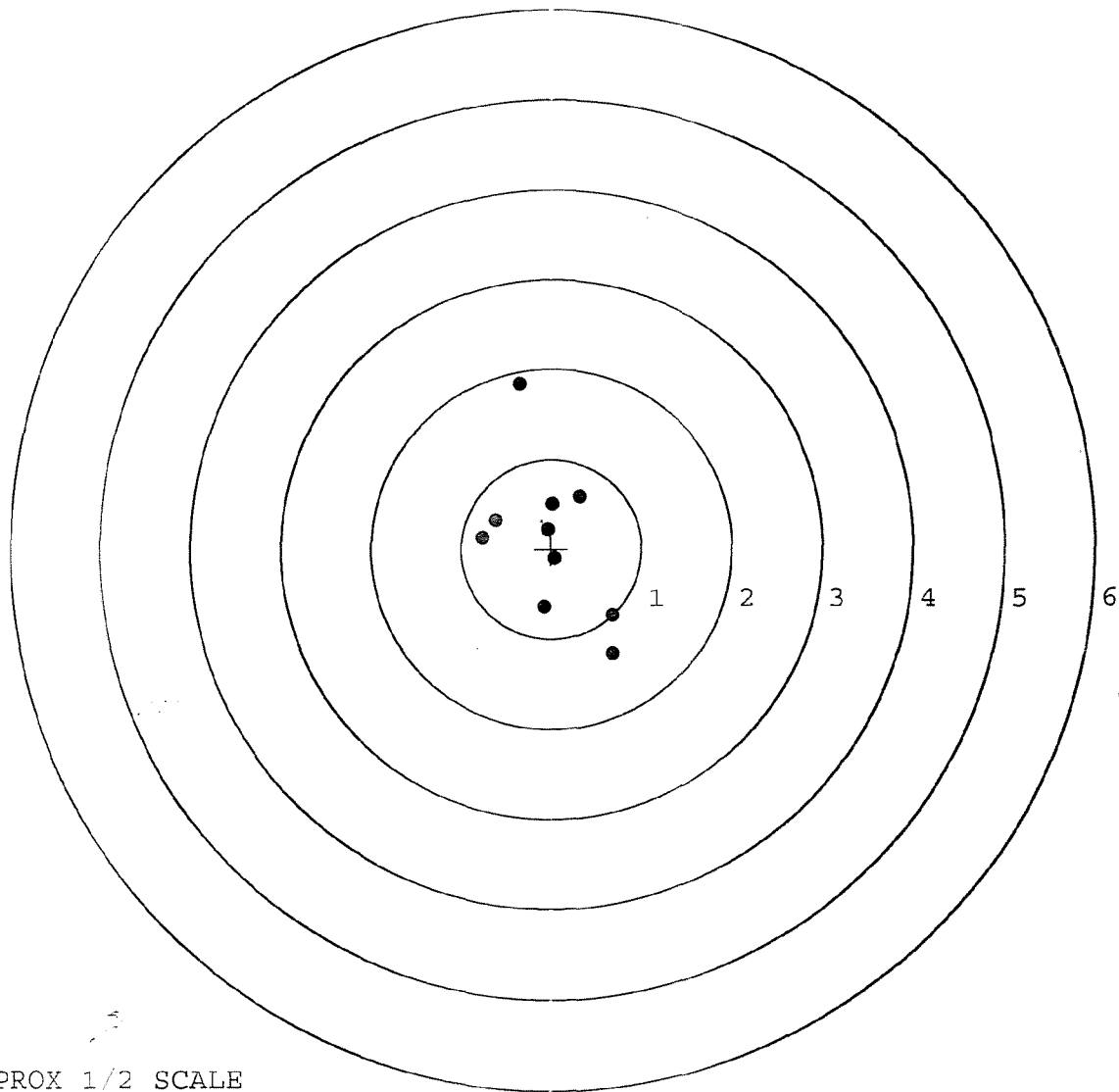
TARGET APPROX 1/2 SCALE

BARBER - M24 0090484

SERIAL NUMBER: G6535278. 0
 TARGET NUMBER: 3
 FILE DATE: 09/07/2006
 FILE TIME: 05:55

POINT#	X	Y
1:	0.684	-1.167
2:	0.674	-0.743
3:	-0.085	-0.653
4:	0.042	-0.110
5:	-0.034	0.215
6:	0.014	0.503
7:	0.317	0.590
8:	-0.620	0.322
9:	-0.767	0.133
10:	-0.357	1.828

X CENTROID: -0.013
 Y CENTROID: 0.092
 POA TO CENTROID: 0.093
 HORZ SPREAD: 1.451
 VERT SPREAD: 2.995
 GROUP SPREAD: 3.171
 MIN RADIUS: 0.125
 MAX RADIUS: 1.770
 MEAN RADIUS: 0.779
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



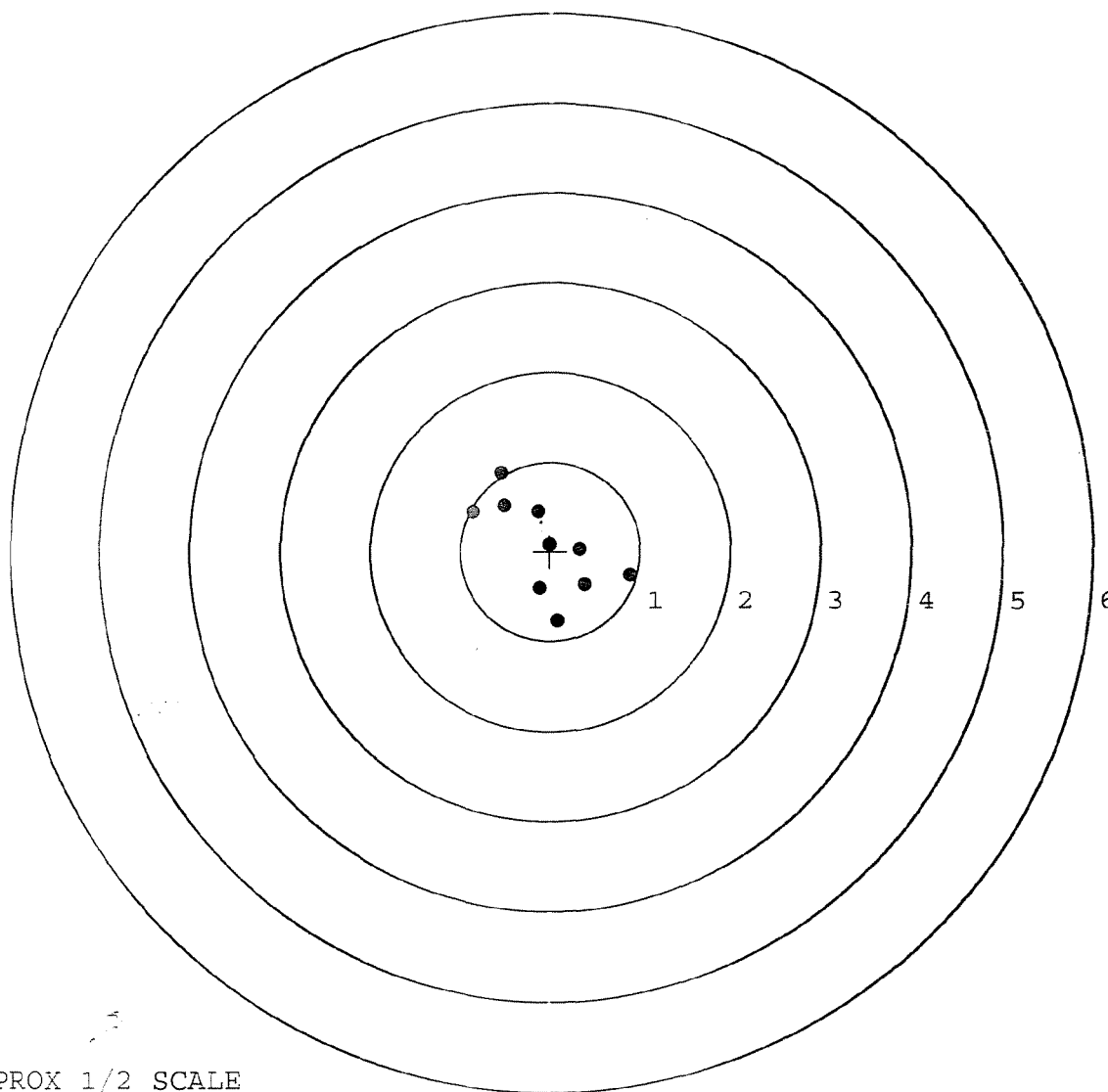
TARGET APPROX 1/2 SCALE

BARBER - M24 0090485

SERIAL NUMBER: G6535278. __0
 TARGET NUMBER: 4
 FILE DATE: 09/07/2006
 FILE TIME: 05:55

POINT#	X	Y
1:	-0.547	0.886
2:	-0.518	0.518
3:	-0.863	0.448
4:	-0.136	0.450
5:	-0.004	0.079
6:	-0.117	-0.415
7:	0.331	0.030
8:	0.384	-0.367
9:	0.083	-0.785
10:	0.893	-0.270

X CENTROID: -0.049
 Y CENTROID: 0.057
 POA TO CENTROID: 0.076
 HORZ SPREAD: 1.756
 VERT SPREAD: 1.671
 GROUP SPREAD: 1.897
 MIN RADIUS: 0.050
 MAX RADIUS: 0.998
 MEAN RADIUS: 0.629
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6535278. 0

TARGET NUMBER: 5

FILE DATE: 09/07/2006

FILE TIME: 05:55

POINT#	X	Y
1:	0.096	-1.068
2:	0.472	-0.667
3:	0.382	-0.400
4:	0.084	-0.212
5:	0.869	-0.247
6:	0.566	0.037
7:	0.005	0.671
8:	-0.482	0.353
9:	-0.488	0.902
10:	-1.415	0.853

X CENTROID: 0.009

Y CENTROID: 0.022

POA TO CENTROID: 0.024

HORZ SPREAD: 2.284

VERT SPREAD: 1.970

GROUP SPREAD: 2.535

MIN RADIUS: 0.246

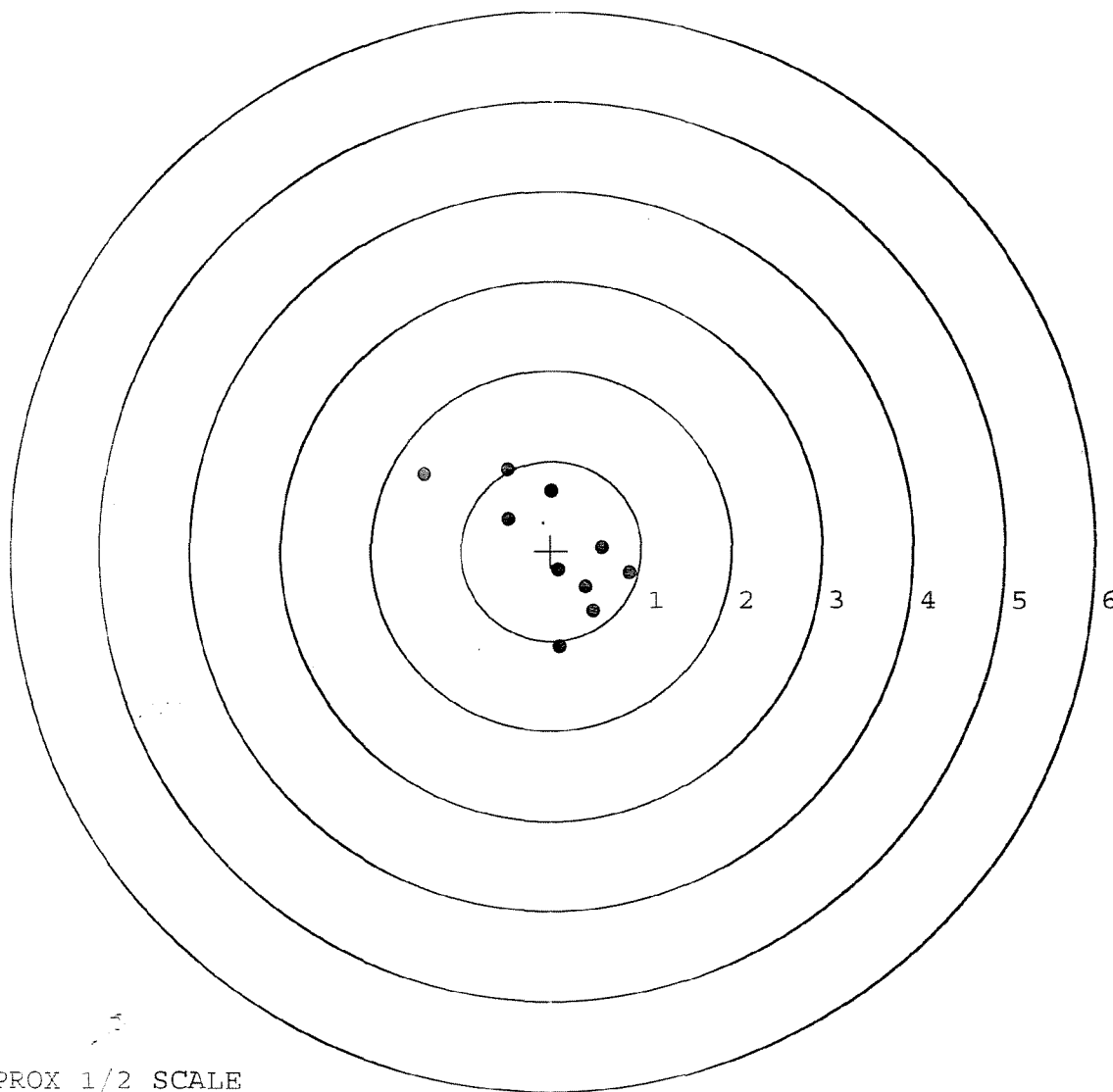
MAX RADIUS: 1.649

MEAN RADIUS: 0.809

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE