

G-659169C

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



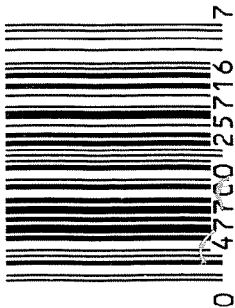
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6591696

UPC



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

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6591696

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		9-25-06	RTZ
420	ASSEMBLE ACTION		9-25-06	RTZ
430	ASSEMBLE TO STOCK		9-26-06	DL
440	PROOF		9-26-06	TRW
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	9-26-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 27 2006	9-26-06	RTZ
480	MAGNAFLUX BBL ACTION	OPERATOR <u>mm</u>	9/27/06	mm
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-27-06	mm
510	DRILL AND TAP SIGHT HOLES		9-27-06	TRW
520	GOFF BLAST BBL / REC		9-27-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/29/06	TRW
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/30/06	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/30/06	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/30/06	DA
	D) OIL FIRING PIN ASSEMBLY		10-2-06	TRW
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		10/9/06	mm
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6⁵</u> <u>7²</u> <u>7²</u>	10-4-06	SD
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>6²</u> <u>6⁵</u> <u>4⁵</u>	10-4-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY		10/9/06	MM
	I) FIRING PIN INDENT .020 MIN	<u>.026</u> <u>.026</u> <u>.026</u>	10-4-06	SD
	J) ASSEMBLE STOCK		10-3-06	BLC
	K) ASSEMBLE SWIVEL STUDS		10/9/06	MM
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-3-06	BLC
	M) IRON SIGHT ALIGNMENT		10-3-06	BLC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-3-06	BLC
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-3-06	L.P.A.
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/3/06	MM
670	FINAL INSPECTION A) HEADSPACE		10/9/06	MM
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.68</u> <u>2.61</u> <u>2.60</u> <u>2.72</u> <u>2.70</u>	10-4-06	PA
	C) FUNCTION		10/9/06	MM
690	PACK		11/7/06	PA

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 2-5-06

TESTER MTM

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.54	2.39		2.41	
PULL #2	2.46	2.46		2.41	
PULL #3	2.59	2.58		2.63	
PULL #4	2.59	2.70		2.61	
PULL #5	2.52	2.79		2.28	
TOTAL	12.70	12.92		12.74	
AVERAGE	2.54	2.58		2.55	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	2.82		
PULL #2	3.05	2.78		
PULL #3	3.13	2.93		
PULL #4	2.85	2.86		
PULL #5	3.24	3.11		
TOTAL	15.36	14.50		
AVERAGE	3.07	2.90		

	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	3.89	3.85		3.89
PULL #2	3.96	3.83		3.96
PULL #3	3.89	3.88		3.79
PULL #4	3.85	3.88		4.07
PULL #5	3.91	3.87		4.03
TOTAL	19.50	19.31		19.74
AVERAGE	3.90	3.86		3.95

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6591696.__0

FILE DATE AND TIME: 10/04/2006 07:11

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.080
The Average Y Centroid of the Five Target Set:	0.169
The Average Point of Impact of the Five Target Set:	0.187
The Average Mean Radius of the Five Target Set:	0.869
The Distance from POA to Centroid Target #1:	0.387
The Distance from Centroid Target #2 to Centroid Target #1:	0.455
The Distance from Centroid Target #3 to Centroid Target #1:	0.268
The Distance from Centroid Target #4 to Centroid Target #1:	0.186
The Distance from Centroid Target #5 to Centroid Target #1:	0.293

BARBER - M24 0169749

SERIAL NUMBER: G6591696. __0

TARGET NUMBER: 1

FILE DATE: 10/04/2006

FILE TIME: 07:11

POINT#	X	Y
1:	-0.856	-1.364
2:	0.812	-0.209
3:	0.600	-0.063
4:	0.623	1.072
5:	-1.076	0.241
6:	-0.530	0.007
7:	-0.071	-0.334
8:	-0.022	-0.095
9:	-0.041	0.143
10:	-2.200	3.310

X CENTROID: -0.276

Y CENTROID: 0.271

POA TO CENTROID: 0.387

HORZ SPREAD: 3.012

VERT SPREAD: 4.674

GROUP SPREAD: 4.863

MIN RADIUS: 0.268

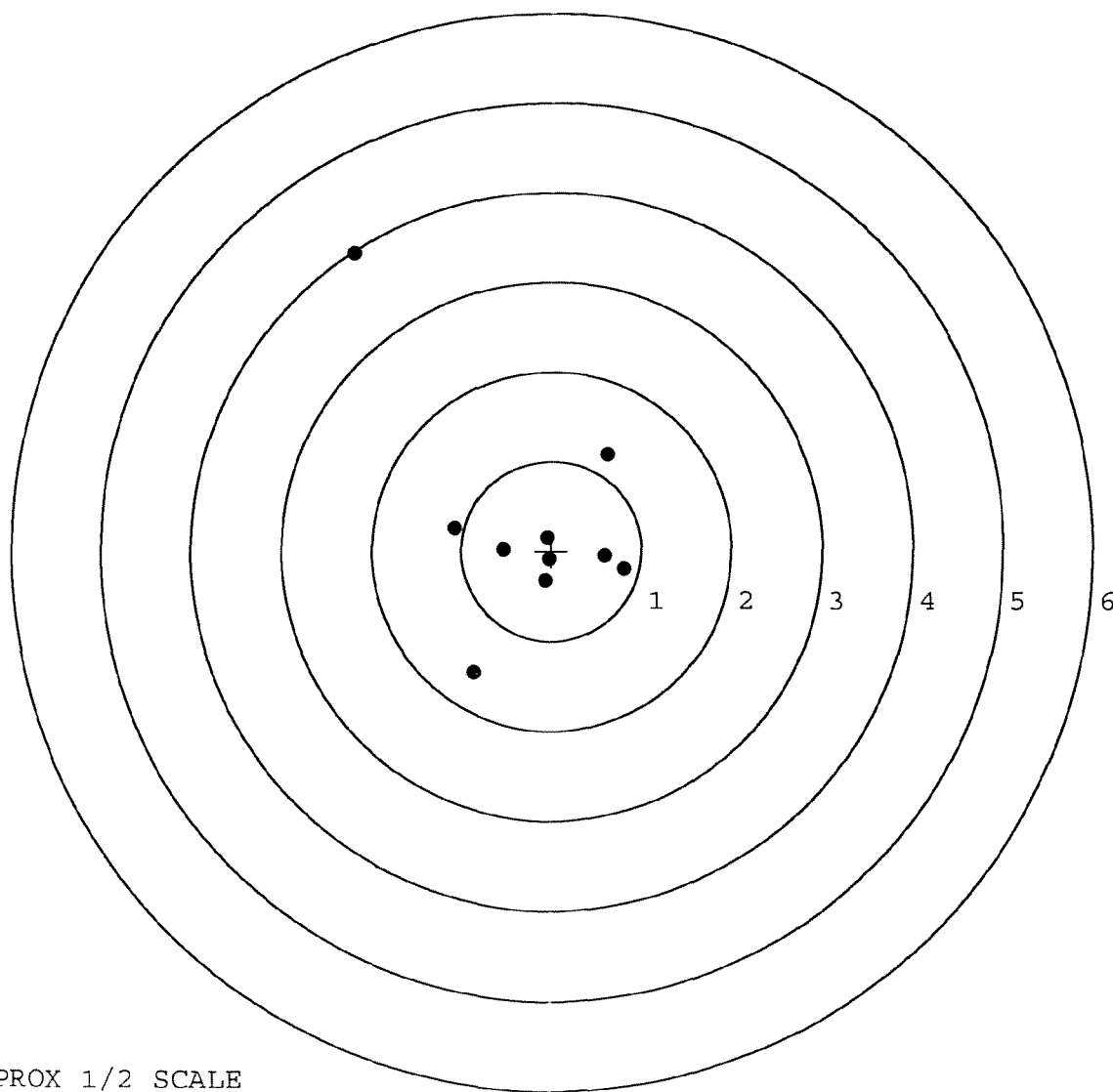
MAX RADIUS: 3.597

MEAN RADIUS: 1.118

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0169750

SERIAL NUMBER: G6591696. 0

TARGET NUMBER: 2

FILE DATE: 10/04/2006

FILE TIME: 07:11

POINT#	X	Y
1:	-0.896	-0.705
2:	-0.243	-0.353
3:	-0.910	-0.063
4:	0.930	-0.723
5:	0.945	-0.006
6:	1.071	1.573
7:	0.459	1.022
8:	0.357	0.361
9:	0.145	0.488
10:	-0.086	0.749

X CENTROID: 0.177

Y CENTROID: 0.234

POA TO CENTROID: 0.294

HORZ SPREAD: 1.981

VERT SPREAD: 2.296

GROUP SPREAD: 3.010

MIN RADIUS: 0.220

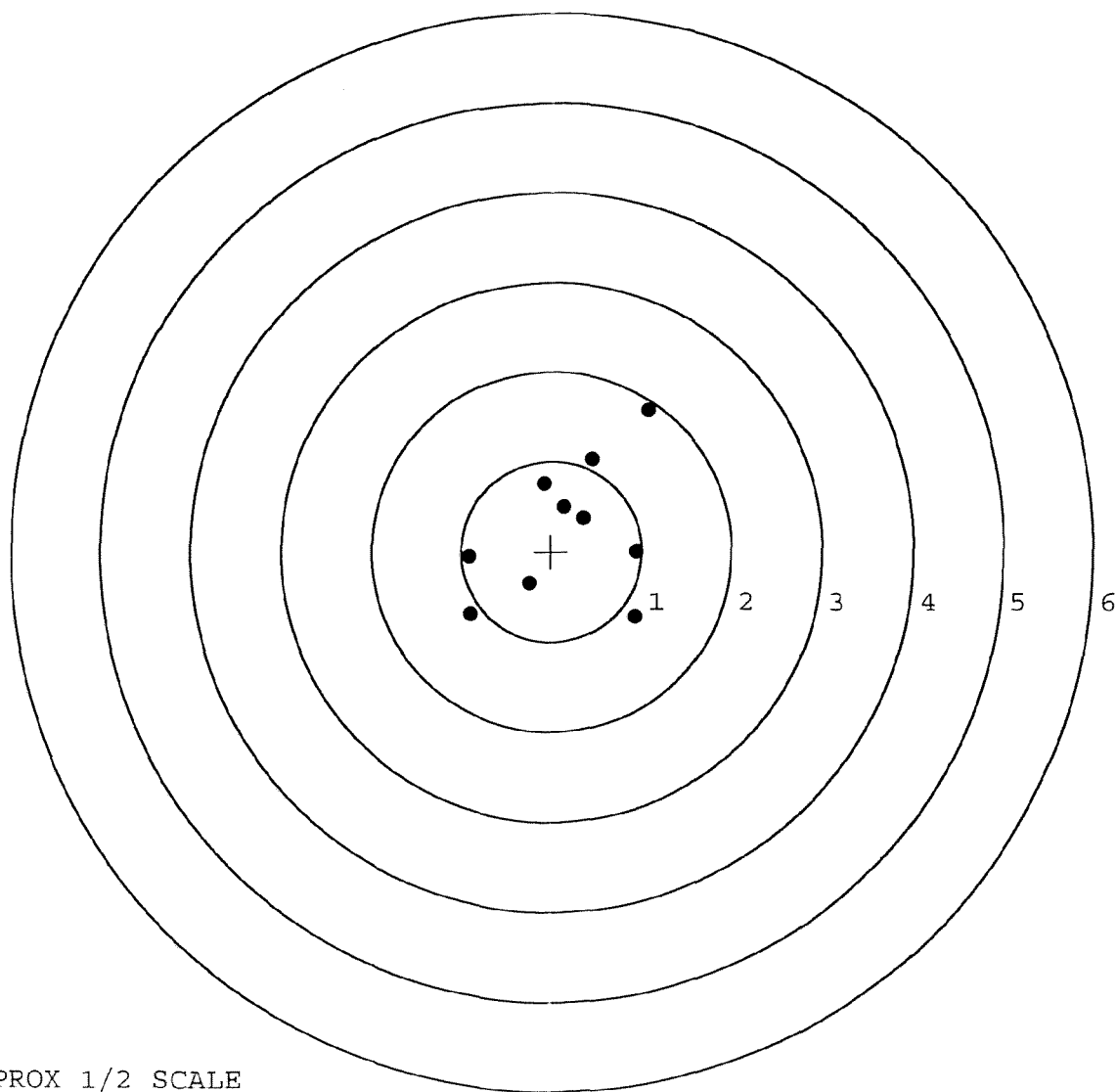
MAX RADIUS: 1.610

MEAN RADIUS: 0.880

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9



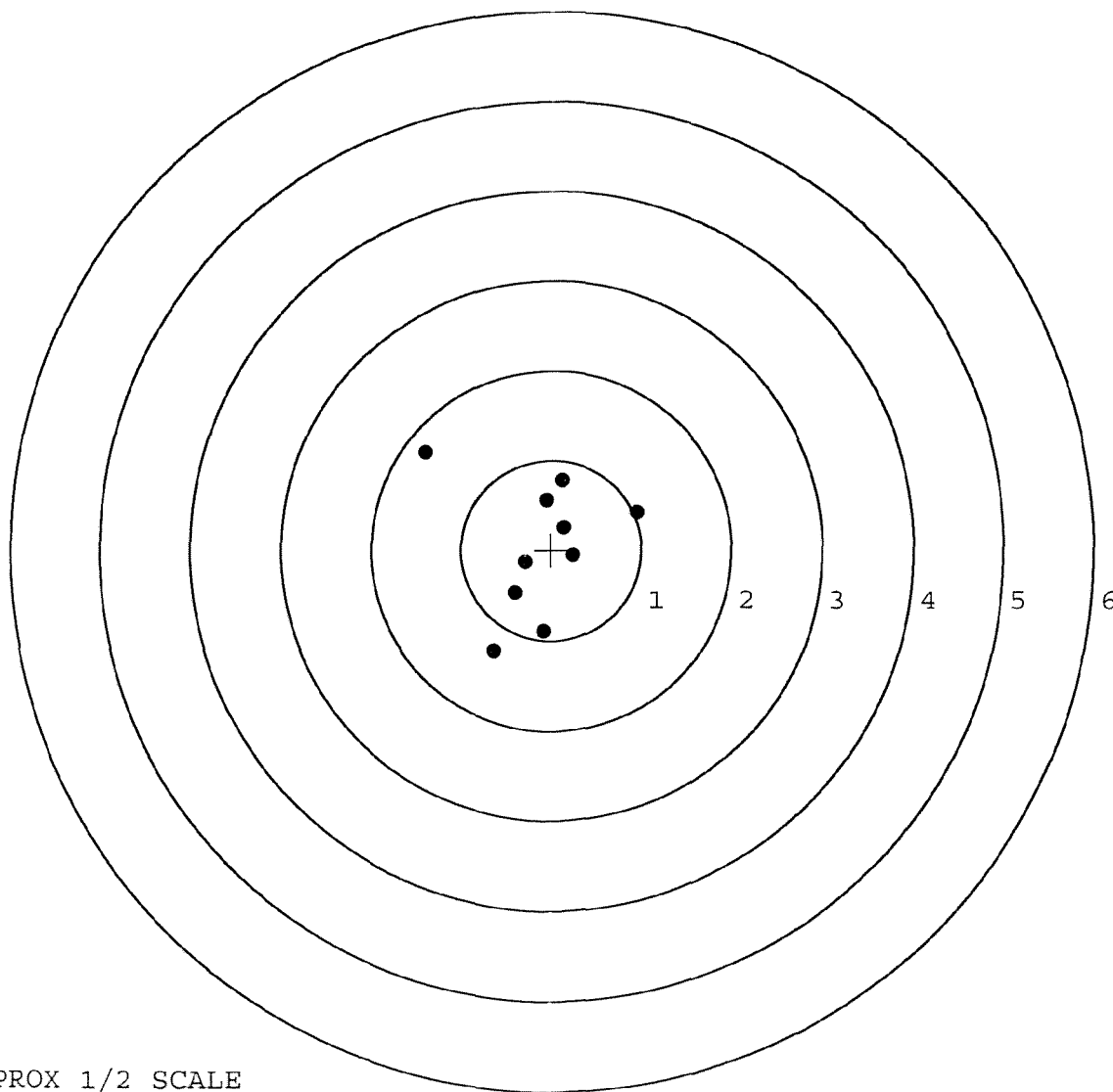
TARGET APPROX 1/2 SCALE

BARBER - M24 0169751

SERIAL NUMBER: G6591696. __0
 TARGET NUMBER: 3
 FILE DATE: 10/04/2006
 FILE TIME: 07:11

POINT#	X	Y
1:	-1.397	1.081
2:	-0.638	-1.115
3:	-0.089	-0.901
4:	-0.403	-0.478
5:	-0.288	-0.138
6:	0.948	0.420
7:	0.124	0.776
8:	-0.059	0.556
9:	0.138	0.252
10:	0.240	-0.062

X CENTROID: -0.142
 Y CENTROID: 0.039
 POA TO CENTROID: 0.148
 HORZ SPREAD: 2.345
 VERT SPREAD: 2.196
 GROUP SPREAD: 2.436
 MIN RADIUS: 0.229
 MAX RADIUS: 1.631
 MEAN RADIUS: 0.785
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



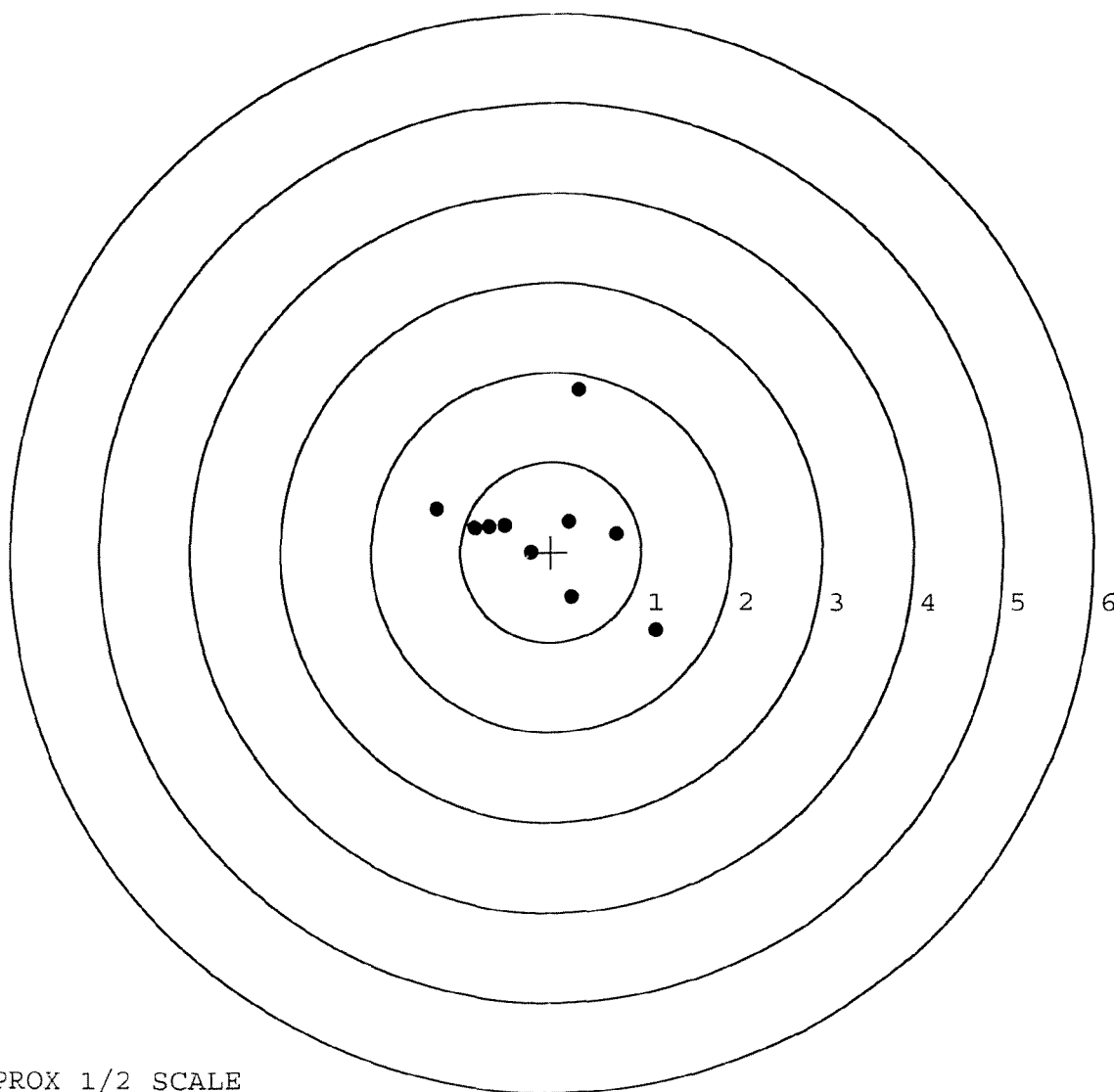
TARGET APPROX 1/2 SCALE

BARBER - M24 0169752

SERIAL NUMBER: G6591696. __0
 TARGET NUMBER: 4
 FILE DATE: 10/04/2006
 FILE TIME: 07:11

POINT#	X	Y
1:	1.160	-0.870
2:	0.229	-0.503
3:	0.720	0.205
4:	0.196	0.337
5:	0.305	1.803
6:	-1.273	0.471
7:	-0.848	0.270
8:	-0.519	0.306
9:	-0.221	0.000
10:	-0.690	0.293

X CENTROID: -0.094
 Y CENTROID: 0.231
 POA TO CENTROID: 0.250
 HORZ SPREAD: 2.433
 VERT SPREAD: 2.673
 GROUP SPREAD: 2.806
 MIN RADIUS: 0.264
 MAX RADIUS: 1.669
 MEAN RADIUS: 0.847
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0169753

SERIAL NUMBER: G6591696. 0

TARGET NUMBER: 5

FILE DATE: 10/04/2006

FILE TIME: 07:11

POINT#	X	Y
1:	-0.316	-0.481
2:	0.329	-0.504
3:	1.037	0.076
4:	0.635	0.134
5:	-0.735	-0.102
6:	-0.081	0.379
7:	-0.474	0.440
8:	-0.856	0.130
9:	-0.911	0.379
10:	0.740	0.237

X CENTROID: -0.063

Y CENTROID: 0.069

POA TO CENTROID: 0.093

HORZ SPREAD: 1.948

VERT SPREAD: 0.944

GROUP SPREAD: 1.971

MIN RADIUS: 0.311

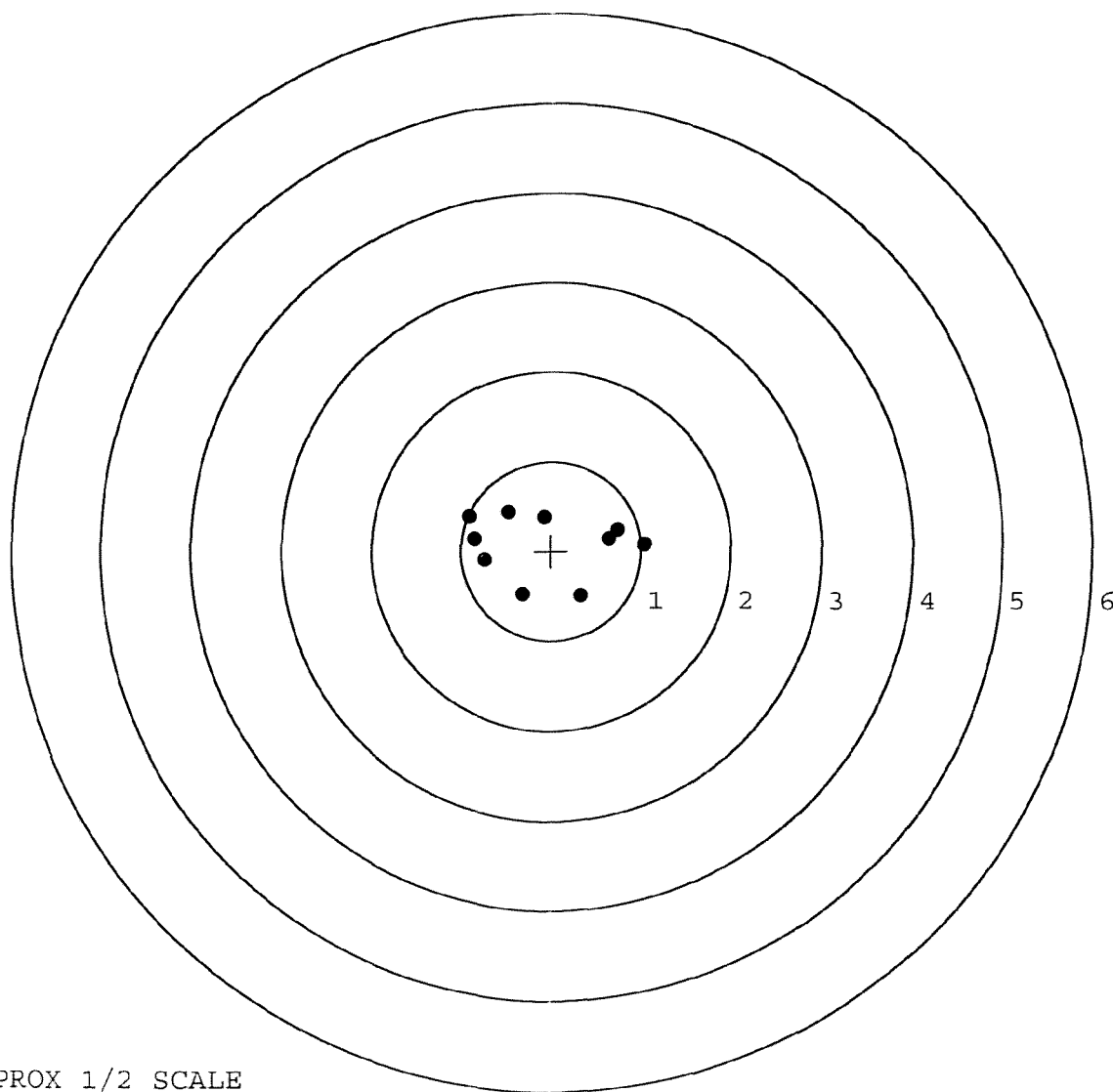
MAX RADIUS: 1.100

MEAN RADIUS: 0.718

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE