

G 646 1728

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase



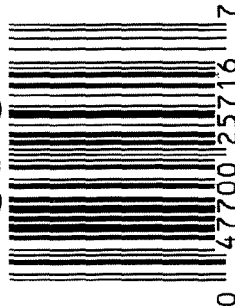
owner registration sticker



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

G6461728

UPC



DD FORM

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

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ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6461728

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		9-6-05	RTZ
440	PROOF		9-6-05	TRW
460	CHECK HEADSPACE		9-6-05	RTZ
470	DIS-ASSEMBLE ACTION		9-6-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	480	9/8/05	und
500	ROLLMARK CALIBER		9-8-05	CW
510	DRILL AND TAP SIGHT HOLES		9-7-05	TRW
520	GOFF BLAST BBL / REC		9/1/2	und
530 & 540	APPLY COATINGS (BARREL ACTION)		9/1/7	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		9/2/05	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/2/05	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/2/05	DA
	D) OIL FIRING PIN ASSEMBLY		9-26-05	RTZ
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

REV-8405

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>5.0</u> <u>5.0</u> <u>5.0</u>	10/18/05	RA
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.0</u> <u>2.0</u> <u>2.0</u>	10/18/05	RA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.024</u>	10/18/05	RA
	J) ASSEMBLE STOCK		9-26-05	RTL
	K) ASSEMBLE SWIVEL STUDS		10-19-05	BC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-11-05	Ac
	M) IRON SIGHT ALIGNMENT		10-11-05	Ac
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-11-05	Ac
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10/13/05	MLP
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10-13-05	NTM
670	FINAL INSPECTION A) HEADSPACE		10-19-05	BC-
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>247</u> <u>251</u> <u>251</u> <u>252</u> <u>246</u>	10-18-05	TRL
	C) FUNCTION		10-19-05	BC-
690	PACK		10-19-05	RA

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)

SERIAL NO.

DATE

TESTER

9/16/05

BG

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.58	2.50		2.56	
PULL #2	2.15	2.54		2.32	
PULL #3	2.67	2.71		2.35	
PULL #4	2.18	2.32		2.76	
PULL #5	2.47	2.21		2.51	
TOTAL	12.05	12.28		12.50	
AVERAGE	2.41	2.46		2.50	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.47	3.22		
PULL #2	3.24	3.17		
PULL #3	3.13	2.75		
PULL #4	3.16	3.23		
PULL #5	3.15	3.17		
TOTAL	16.15	15.54		
AVERAGE	3.23	3.11		

	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	4.28		4.22
PULL #2	3.95	4.19		4.40
PULL #3	4.09	3.45		4.72
PULL #4	4.03	4.06		4.36
PULL #5	3.55	4.43		4.56
TOTAL	19.71	20.41		22.26
AVERAGE	3.94	4.08		4.45

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461728.___0
FILE DATE AND TIME: 10/13/2005 18:20

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.072
The Average Y Centroid of the Five Target Set:	0.106
The Average Point of Impact of the Five Target Set:	0.128
The Average Mean Radius of the Five Target Set:	0.842
The Distance from POA to Centroid Target #1:	0.077
The Distance from Centroid Target #2 to Centroid Target #1:	0.355
The Distance from Centroid Target #3 to Centroid Target #1:	0.099
The Distance from Centroid Target #4 to Centroid Target #1:	0.282
The Distance from Centroid Target #5 to Centroid Target #1:	0.845

BARBER - M24 0155377

SERIAL NUMBER: G6461728.____0

TARGET NUMBER: 1

FILE DATE: 10/13/2005

FILE TIME: 18:20

X CENTROID: 0.019

Y CENTROID: 0.075

POA TO CENTROID: 0.077

HORZ SPREAD: 1.226

VERT SPREAD: 1.817

GROUP SPREAD: 1.838

MIN RADIUS: 0.291

MAX RADIUS: 1.077

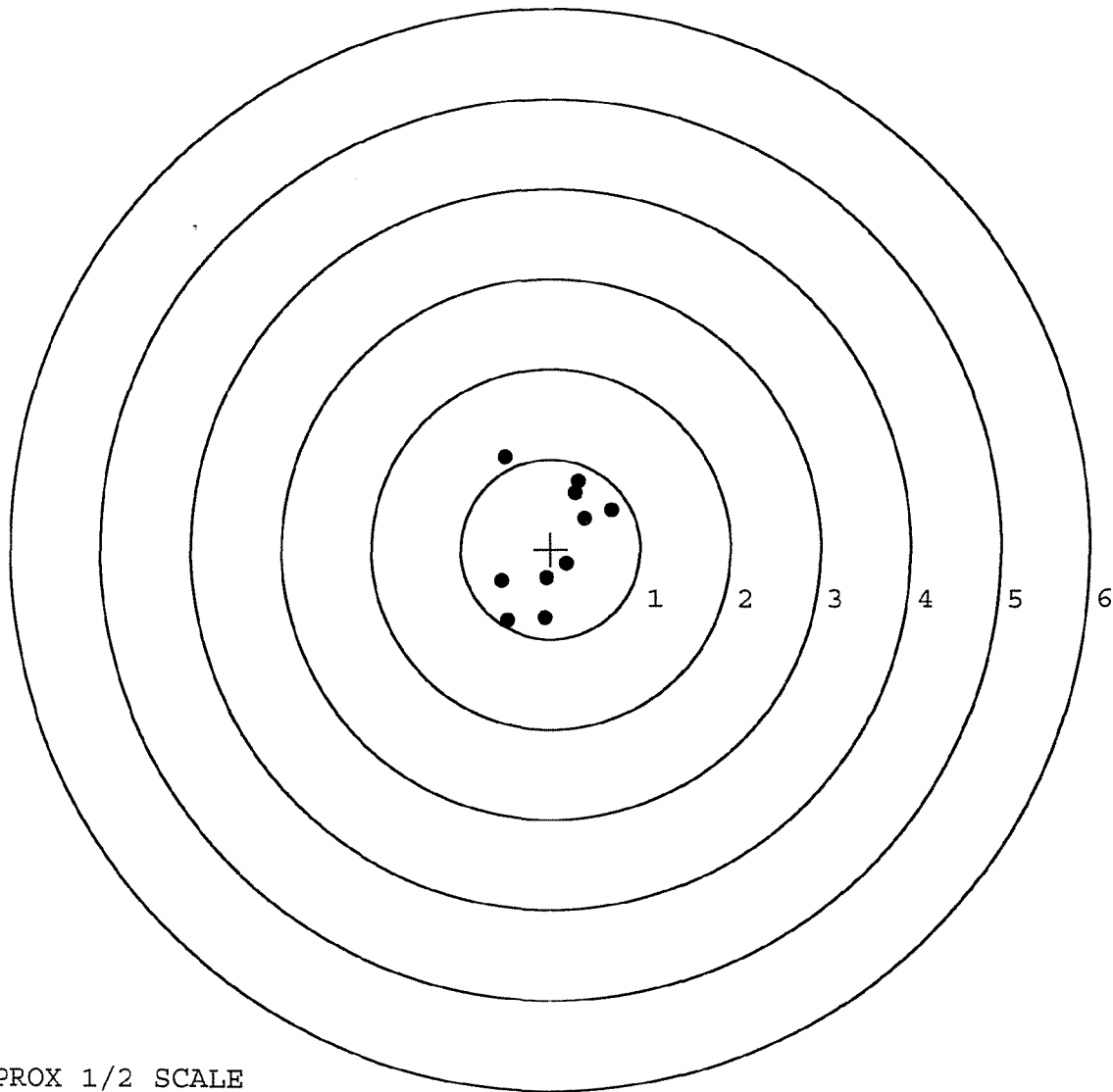
MEAN RADIUS: 0.689

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.184	-0.164
2:	-0.045	-0.321
3:	-0.066	-0.770
4:	-0.477	-0.803
5:	-0.546	-0.366
6:	0.680	0.438
7:	0.378	0.342
8:	0.279	0.627
9:	0.308	0.754
10:	-0.509	1.014



TARGET APPROX 1/2 SCALE

BARBER - M24 0155378

SERIAL NUMBER: G6461728. __0

TARGET NUMBER: 2

FILE DATE: 10/13/2005

FILE TIME: 18:20

X CENTROID: 0.024

Y CENTROID: -0.280

POA TO CENTROID: 0.281

HORZ SPREAD: 1.782

VERT SPREAD: 2.345

GROUP SPREAD: 2.483

MIN RADIUS: 0.240

MAX RADIUS: 1.325

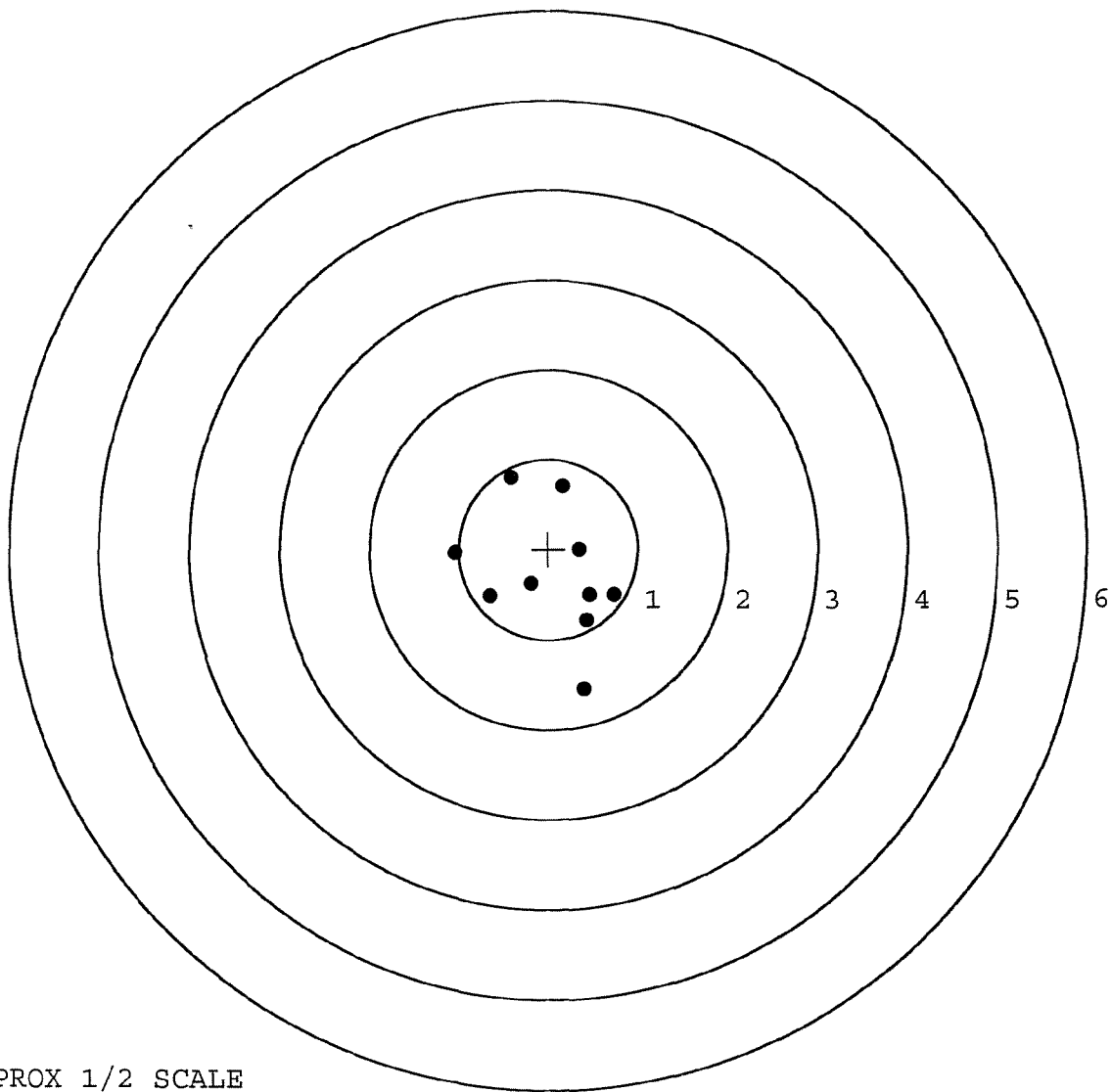
MEAN RADIUS: 0.783

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

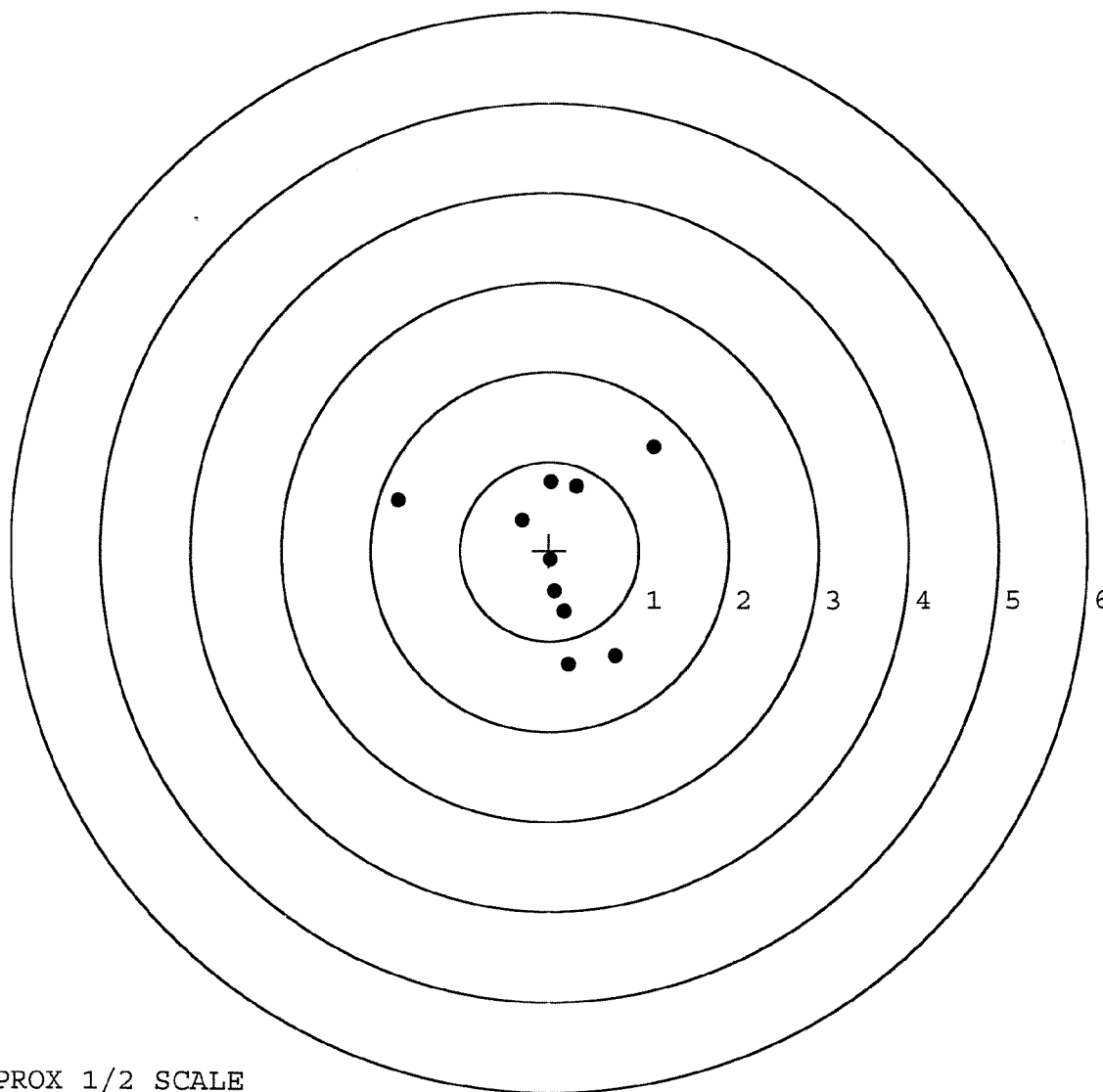
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.193	-0.384
2:	-0.650	-0.514
3:	-1.045	-0.045
4:	-0.414	0.796
5:	0.165	0.694
6:	0.341	-0.006
7:	0.737	-0.502
8:	0.427	-0.786
9:	0.465	-0.501
10:	0.403	-1.549



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461728. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.065	-0.457
FILE DATE: 10/13/2005	2:	0.171	-0.684
FILE TIME: 18:20	3:	0.220	-1.262
	4:	0.740	-1.172
X CENTROID: 0.069	5:	-0.305	0.344
Y CENTROID: -0.010	6:	0.025	0.776
POA TO CENTROID: 0.070	7:	0.303	0.726
HORZ SPREAD: 2.860	8:	1.161	1.163
VERT SPREAD: 2.425	9:	-1.699	0.571
GROUP SPREAD: 2.998	10:	0.014	-0.101
MIN RADIUS: 0.107			
MAX RADIUS: 1.861			
MEAN RADIUS: 0.938			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 6			
# in 3 IN DIAMETER: 8			



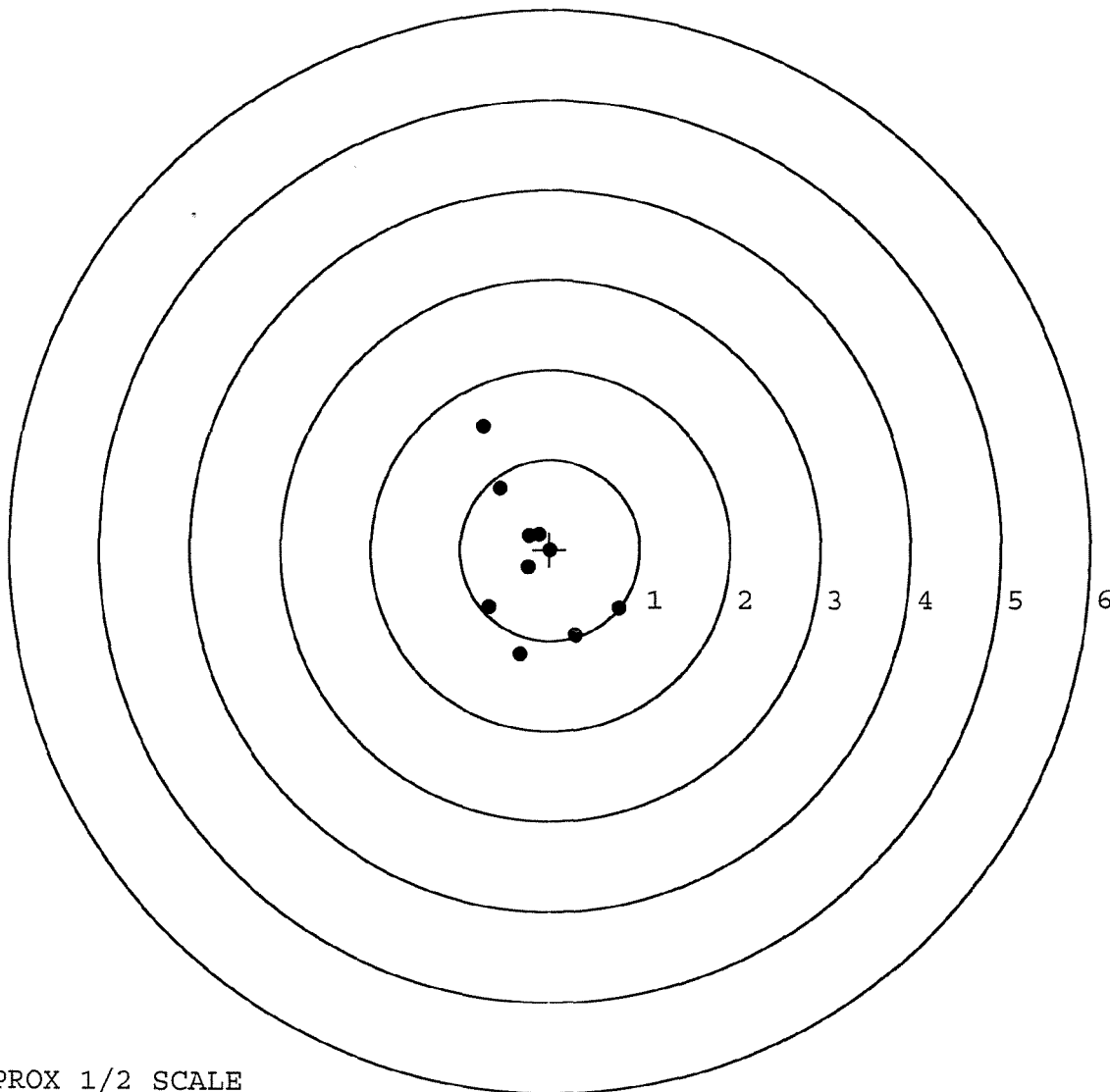
TARGET APPROX 1/2 SCALE

BARBER - M24 0155380

SERIAL NUMBER: G6461728. __0
 TARGET NUMBER: 4
 FILE DATE: 10/13/2005
 FILE TIME: 18:20

POINT#	X	Y
1:	0.009	-0.007
2:	-0.241	-0.198
3:	-0.125	0.172
4:	-0.554	0.685
5:	-0.743	1.374
6:	-0.682	-0.633
7:	-0.332	-1.158
8:	0.286	-0.944
9:	0.771	-0.644
10:	-0.237	0.154

X CENTROID: -0.185
 Y CENTROID: -0.120
 POA TO CENTROID: 0.220
 HORZ SPREAD: 1.514
 VERT SPREAD: 2.532
 GROUP SPREAD: 2.565
 MIN RADIUS: 0.096
 MAX RADIUS: 1.595
 MEAN RADIUS: 0.718
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0155381

SERIAL NUMBER: G6461728. __0

TARGET NUMBER: 5

FILE DATE: 10/13/2005

FILE TIME: 18:20

POINT#	X	Y
1:	-0.005	-0.002
2:	0.246	0.227
3:	-0.271	0.133
4:	0.169	-0.733
5:	0.459	1.216
6:	-0.064	2.377
7:	-0.779	1.973
8:	-1.067	1.636
9:	-1.248	0.947

X CENTROID: -0.284

Y CENTROID: 0.864

POA TO CENTROID: 0.909

HORZ SPREAD: 1.707

VERT SPREAD: 3.110

GROUP SPREAD: 3.119

MIN RADIUS: 0.731

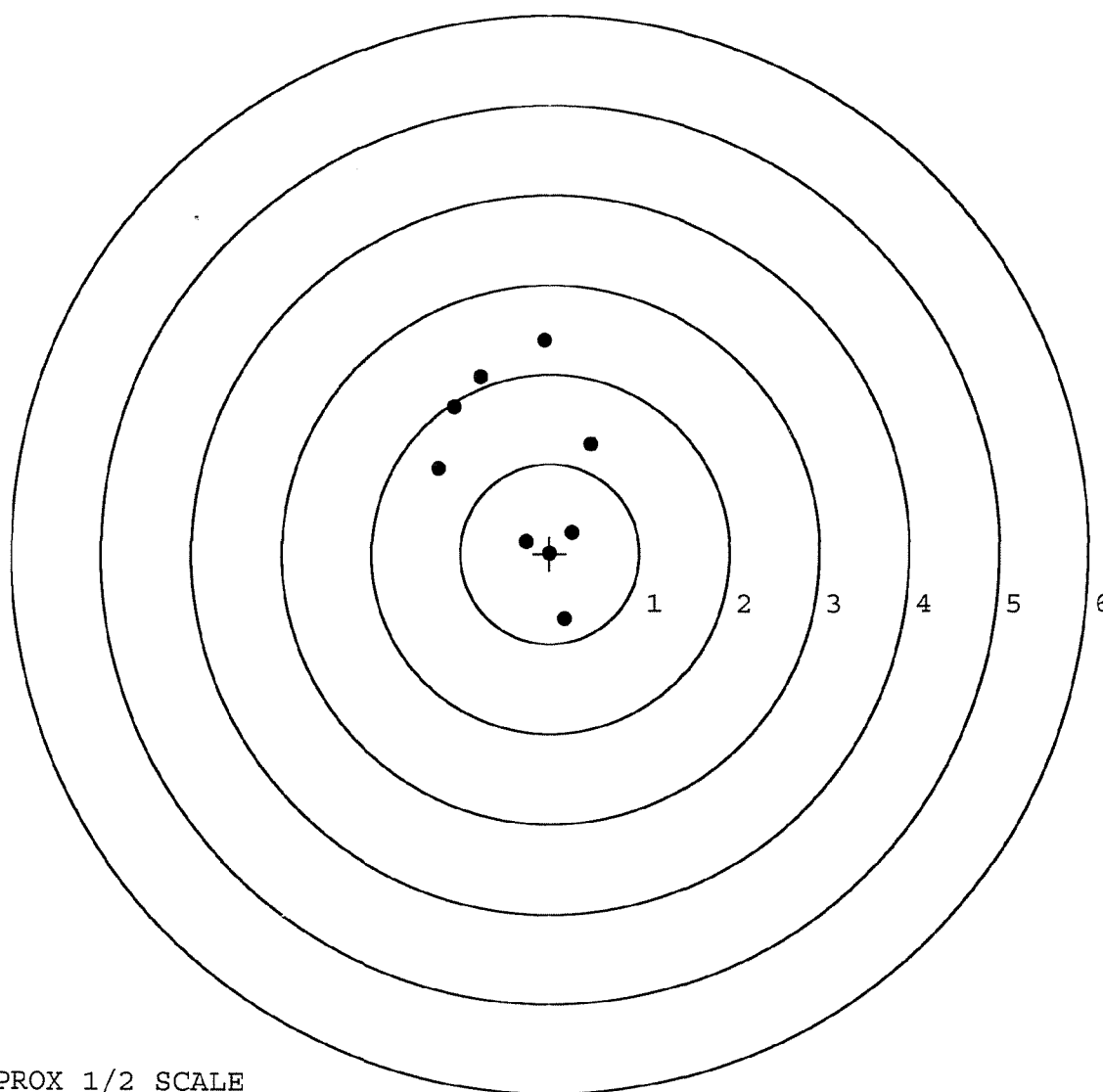
MAX RADIUS: 1.660

MEAN RADIUS: 1.085

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE