

6646 1628

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



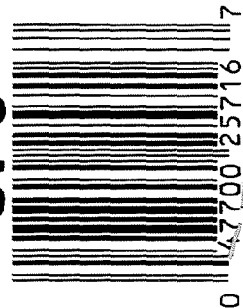
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6461628

UPC



ORDER 25716

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

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0 47700 25716 7

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SERIAL NO.



66461628

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # GL0461628

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		9-12-05	RTZ
440	PROOF		9-15-05	RTZ
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED SEP 20 2005	9-16-05	RTZ
470	DIS-ASSEMBLE ACTION		9-16-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	4/80 OPERATOR <u>Wsums</u>	9/20/05	Wsums
500	ROLLMARK CALIBER		9-20-05	CW
510	DRILL AND TAP SIGHT HOLES		9-20-05	RLW
520	GOFF BLAST BBL / REC		9-21-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9/22	HP
	(BOLT)			
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		9/30	WJTM
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/30	WJTM
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/30	WJTM
	D) OIL FIRING PIN ASSEMBLY		10-12-05	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	416	416	416	10/25/05	BC
CONT.						
	G) SAFETY OFF FORCE 2 LBS MIN	316	316	316	10/25/05	BC
	H) TRIGGER PULL TEST AND RETAINABILITY					
	I) FIRING PIN INDENT .020 MIN	.024	.024	.023	10/25/05	BC
	J) ASSEMBLE STOCK				10-12-05	RTL
	K) ASSEMBLE SWIVEL STUDS				10/25/05	BC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S				10-18-05	AC
	M) IRON SIGHT ALIGNMENT				10/18/05	AC
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER				10/18/05	AC
640 & 650	FUNCTION TEST AND TARGET	PASS	FAIL		10/20/05	MJD
		PASS	FAIL			
	MALFUNCTION	CORRECTION				
	MALFUNCTION					
	MALFUNCTION					
	MALFUNCTION					
660	INSPECT FOR LIVE AMMO				10/20/05	WDM
670	FINAL INSPECTION A) HEADSPACE				10/25/05	BC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.16	2.27	2.15 2.83 2.63	10/25/05	BC
	C) FUNCTION				10/25/05	BC
690	PACK				10/26/05	DA

BARBER - M24 0153962
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 10-13-05

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.60	2.66		2.49	
PULL #2	2.44	2.59		2.52	
PULL #3	2.49	2.46		2.44	
PULL #4	2.58	2.58		2.36	
PULL #5	2.46	2.53		2.37	
TOTAL	12.57	12.83		12.18	
AVERAGE	2.51	2.56		2.43	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.08	2.81		
PULL #2	2.97	2.90		
PULL #3	2.96	2.80		
PULL #4	3.00	2.89		
PULL #5	2.94	2.90		
TOTAL	14.95	14.30		
AVERAGE	2.99	2.86		

	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	4.08	3.91		4.00
PULL #2	4.25	3.90		4.13
PULL #3	3.84	3.75		3.90
PULL #4	4.13	3.90		4.21
PULL #5	4.20	3.75		4.12
TOTAL	20.50	19.21		20.36
AVERAGE	4.10	3.84		4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461628.__0
FILE DATE AND TIME: 10/20/2005 18:12

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.025
The Average Y Centroid of the Five Target Set:	0.194
The Average Point of Impact of the Five Target Set:	0.195
The Average Mean Radius of the Five Target Set:	0.713
The Distance from POA to Centroid Target #1:	0.339
The Distance from Centroid Target #2 to Centroid Target #1:	0.219
The Distance from Centroid Target #3 to Centroid Target #1:	0.184
The Distance from Centroid Target #4 to Centroid Target #1:	0.382
The Distance from Centroid Target #5 to Centroid Target #1:	0.146

BARBER - M24 0153964

SERIAL NUMBER: G6461628. __0

TARGET NUMBER: 1

FILE DATE: 10/20/2005

FILE TIME: 18:12

POINT#	X	Y
1:	-0.266	0.392
2:	0.017	0.691
3:	0.341	0.749
4:	0.120	0.378
5:	0.309	0.044
6:	0.155	-0.460
7:	-0.406	-0.464
8:	0.754	0.238
9:	-0.140	1.258
10:	0.064	0.432

X CENTROID: 0.095

Y CENTROID: 0.326

POA TO CENTROID: 0.339

HORZ SPREAD: 1.160

VERT SPREAD: 1.722

GROUP SPREAD: 1.743

MIN RADIUS: 0.058

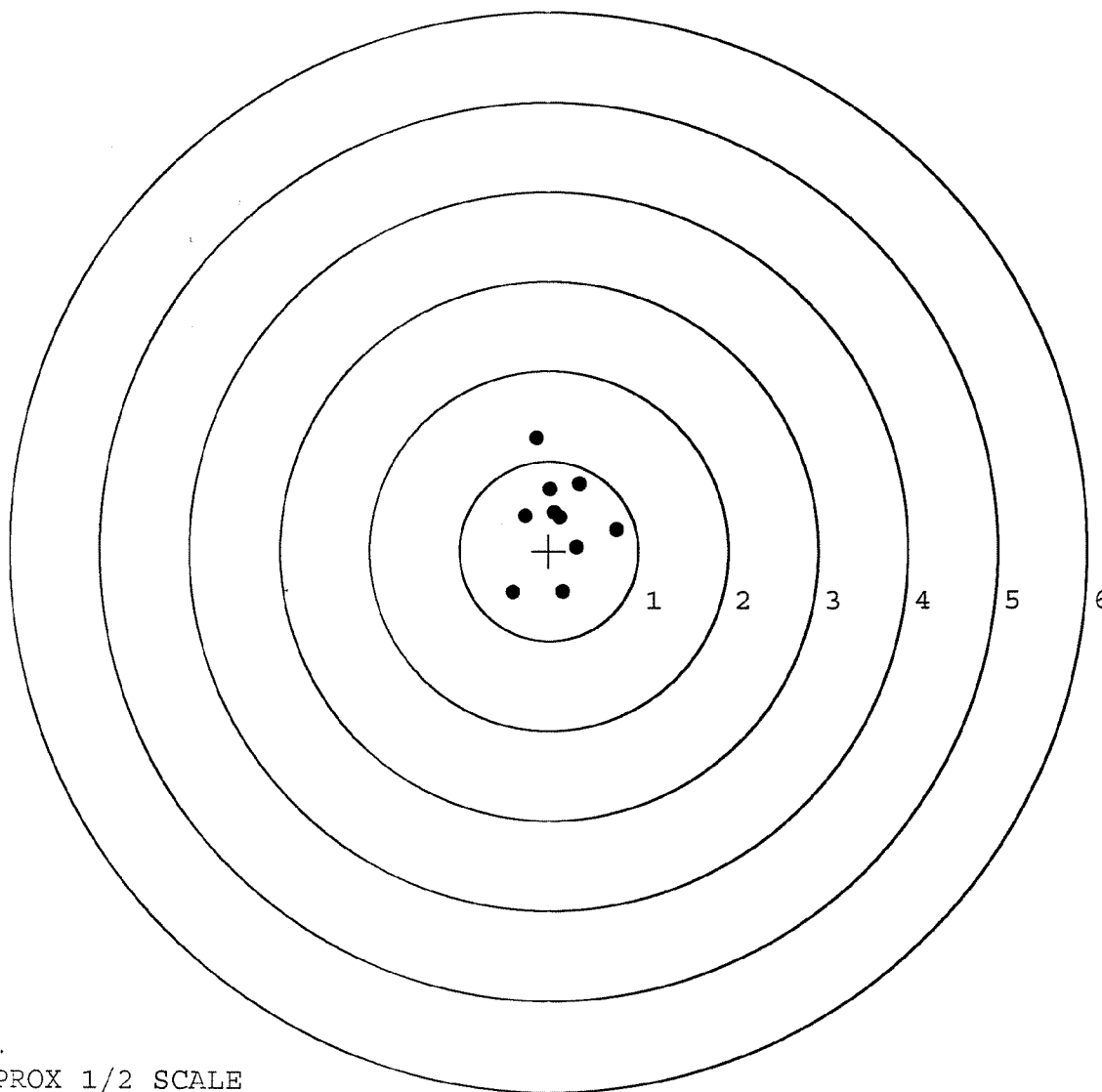
MAX RADIUS: 0.961

MEAN RADIUS: 0.510

IN 1 IN DIAMETER: 6

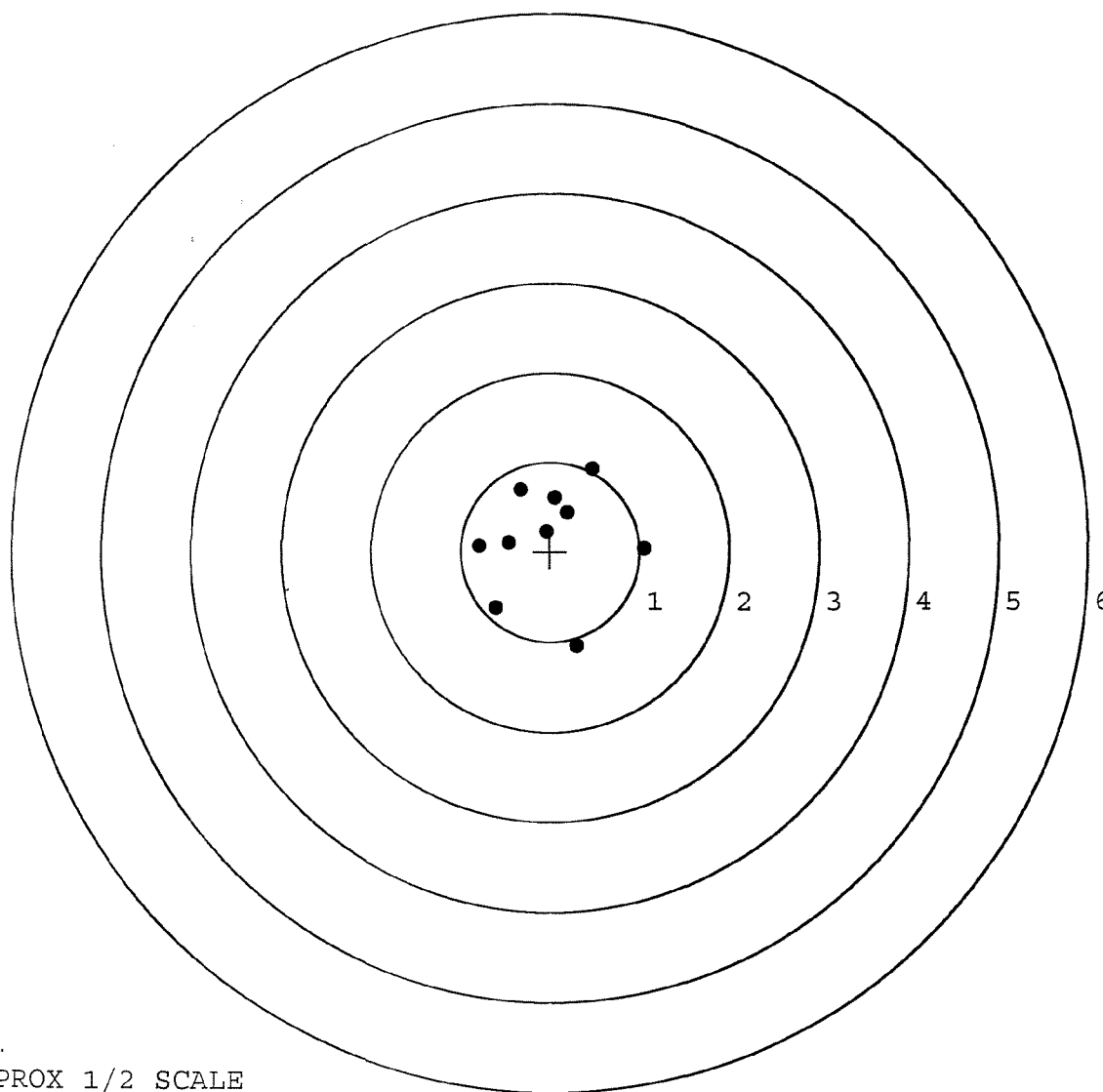
IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

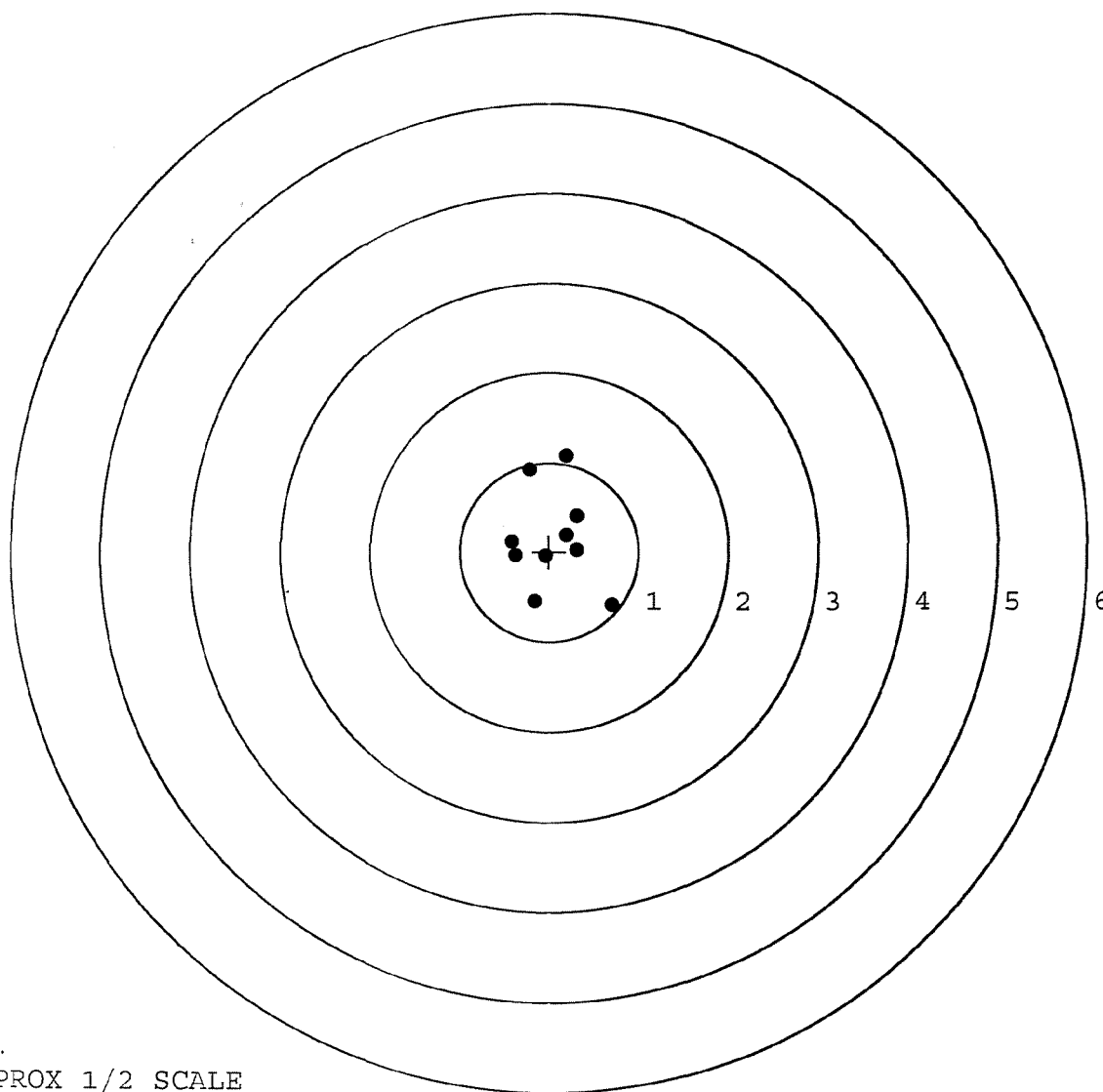
SERIAL NUMBER: G6461628. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.043	0.224
FILE DATE: 10/20/2005	2:	0.191	0.435
FILE TIME: 18:12	3:	0.050	0.600
	4:	0.476	0.925
X CENTROID: -0.020	5:	-0.340	0.687
Y CENTROID: 0.139	6:	1.047	0.036
POA TO CENTROID: 0.140	7:	0.294	-1.052
HORZ SPREAD: 1.845	8:	-0.612	-0.627
VERT SPREAD: 1.977	9:	-0.798	0.064
GROUP SPREAD: 1.985	10:	-0.461	0.096
MIN RADIUS: 0.088			
MAX RADIUS: 1.231			
MEAN RADIUS: 0.698			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0153966

SERIAL NUMBER: G6461628. 0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.216	0.921
FILE DATE: 10/20/2005	2:	0.187	1.078
FILE TIME: 18:12	3:	-0.166	-0.557
	4:	0.704	-0.600
X CENTROID: 0.047	5:	-0.418	0.117
Y CENTROID: 0.149	6:	-0.379	-0.041
POA TO CENTROID: 0.156	7:	-0.044	-0.048
HORZ SPREAD: 1.122	8:	0.309	0.024
VERT SPREAD: 1.678	9:	0.193	0.192
GROUP SPREAD: 1.778	10:	0.301	0.400
MIN RADIUS: 0.152			
MAX RADIUS: 0.996			
MEAN RADIUS: 0.544			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



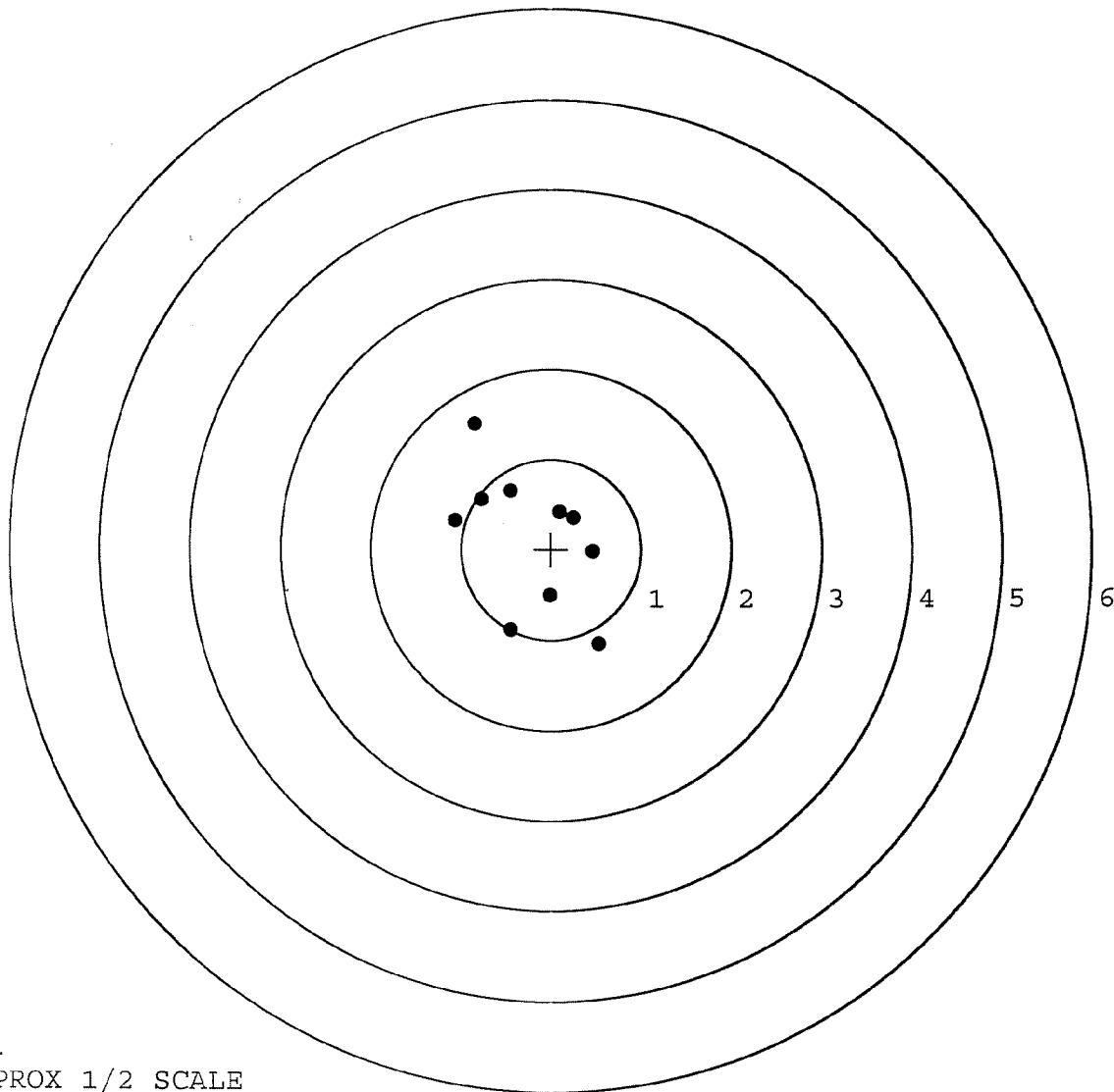
TARGET APPROX 1/2 SCALE

BARBER - M24 0153967

SERIAL NUMBER: G6461628. __0
 TARGET NUMBER: 4
 FILE DATE: 10/20/2005
 FILE TIME: 18:12

POINT#	X	Y
1:	0.098	0.419
2:	0.253	0.349
3:	0.466	-0.033
4:	-0.018	-0.519
5:	-0.452	-0.899
6:	0.528	-1.048
7:	-1.067	0.323
8:	-0.778	0.556
9:	-0.449	0.651
10:	-0.848	1.394

X CENTROID: -0.227
 Y CENTROID: 0.119
 POA TO CENTROID: 0.256
 HORZ SPREAD: 1.595
 VERT SPREAD: 2.442
 GROUP SPREAD: 2.803
 MIN RADIUS: 0.442
 MAX RADIUS: 1.418
 MEAN RADIUS: 0.835
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



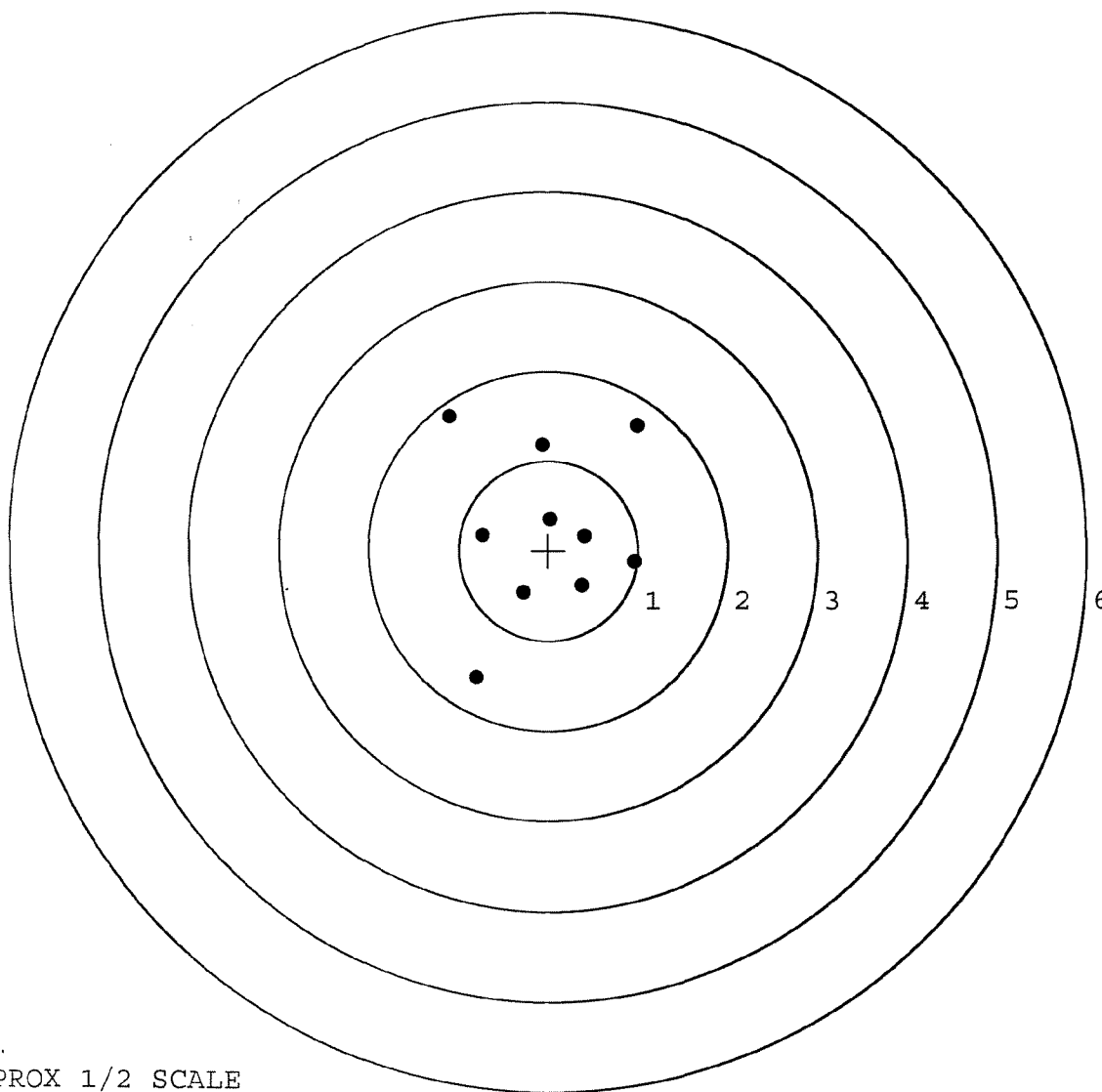
TARGET APPROX 1/2 SCALE

BARBER - M24 0153968

SERIAL NUMBER: G6461628. __0
 TARGET NUMBER: 5
 FILE DATE: 10/20/2005
 FILE TIME: 18:12

POINT#	X	Y
1:	-0.727	0.173
2:	-0.276	-0.472
3:	-0.800	-1.415
4:	0.378	-0.389
5:	0.412	0.162
6:	0.964	-0.125
7:	0.995	1.395
8:	-0.062	1.178
9:	-1.100	1.491
10:	0.027	0.352

X CENTROID: -0.019
 Y CENTROID: 0.235
 POA TO CENTROID: 0.236
 HORZ SPREAD: 2.095
 VERT SPREAD: 2.906
 GROUP SPREAD: 3.334
 MIN RADIUS: 0.126
 MAX RADIUS: 1.826
 MEAN RADIUS: 0.978
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE