

G 663 7730

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



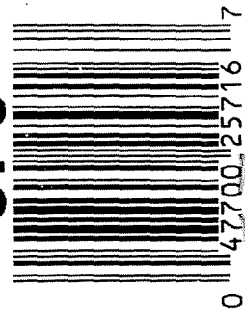
ORDER NO. **25716**

BARREL LENGTH 24"

CAPACITY 6

G6637730

UPC



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

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SERIAL NO.



66637730

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66637730

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		5-7-07	RTZ
420	ASSEMBLE ACTION		5-4-07	PPD
430	ASSEMBLE TO STOCK		5-7-07	TRW
440	PROOF	MAGNA - FLUX	5-7-07	Fm
460	CHECK HEADSPACE	MAY 10 2008	5-7-07	Fm
470	DIS-ASSEMBLE ACTION			
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unus</u>	5/10/07	unus
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		5-9-07	CW
510	DRILL AND TAP SIGHT HOLES		5-9-07	TRW
520	GOFF BLAST BBL / REC		5-10-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		5-17-07	W
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		5-17-07	PPD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		5-17-07	PPD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		5-17-07	PPD
	D) OIL FIRING PIN ASSEMBLY		5-22-07	PPD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		6/8/07	W

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.50</u> <u>7.25</u> <u>6.50</u>	6/7/07	mm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>4.0</u> <u>3.75</u> <u>3.75</u>	6/7/07	mm
	H) TRIGGER PULL TEST AND RETAINABILITY		6/8/07	mm
	I) FIRING PIN INDENT .020 MIN	<u>.025</u> <u>.025</u> <u>.024</u>	6/7/07	mm
	J) ASSEMBLE STOCK		5-22-07	SPD
	K) ASSEMBLE SWIVEL STUDS		6-13-07	SPD
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		6/8/07	mm
	M) IRON SIGHT ALIGNMENT		6/8/07	mm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		6/8/07	mm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	5/24/07	mm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		5-27-07	SD
670	FINAL INSPECTION A) HEADSPACE		6/8/07	mm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.60</u> <u>2.48</u> <u>2.61</u> <u>2.42</u> <u>2.48</u>	6/7/07	mm
	C) FUNCTION		6/8/07	mm
690	PACK		6-18-07	SPD

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 5-22-07

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.61	2.33		2.57	
PULL #2	2.45	2.31		2.63	
PULL #3	2.55	2.29		2.75	
PULL #4	2.63	2.31		2.61	
PULL #5	2.69	2.39		2.65	
TOTAL	12.93	11.63		13.21	
AVERAGE	2.58	2.32		2.64	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.14	3.22		
PULL #2	3.15	3.31		
PULL #3	3.15	3.26		
PULL #4	3.14	3.27		
PULL #5	3.17	3.27		
TOTAL	15.75	16.33		
AVERAGE	3.15	3.26		

	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	4.23	4.22		4.53
PULL #2	4.27	4.30		4.53
PULL #3	4.24	4.28		4.46
PULL #4	4.23	4.24		4.44
PULL #5	4.25	4.13		4.49
TOTAL	21.22	21.17		22.45
AVERAGE	4.24	4.23		4.49

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6637730.___0
FILE DATE AND TIME: 05/24/2007 23:24

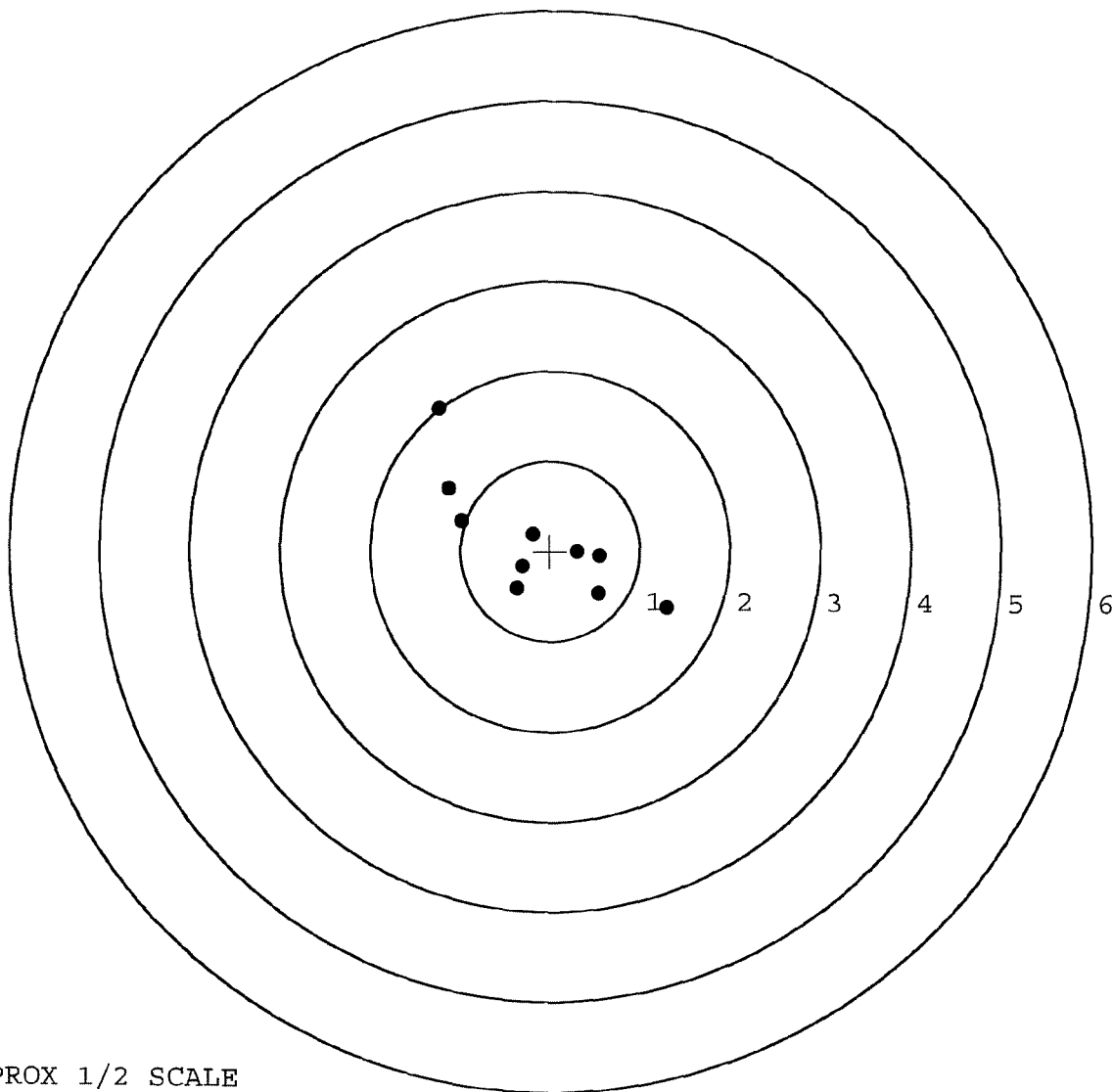
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.003
The Average Y Centroid of the Five Target Set:	-0.077
The Average Point of Impact of the Five Target Set:	0.077
The Average Mean Radius of the Five Target Set:	0.875
The Distance from POA to Centroid Target #1:	0.185
The Distance from Centroid Target #2 to Centroid Target #1:	0.362
The Distance from Centroid Target #3 to Centroid Target #1:	0.260
The Distance from Centroid Target #4 to Centroid Target #1:	0.629
The Distance from Centroid Target #5 to Centroid Target #1:	0.113

SERIAL NUMBER: G6637730. __0
TARGET NUMBER: 1
FILE DATE: 05/24/2007
FILE TIME: 23:24

POINT#	X	Y
1:	-1.253	1.573
2:	-1.138	0.681
3:	-0.991	0.331
4:	-0.198	0.186
5:	-0.310	-0.177
6:	-0.369	-0.423
7:	0.304	-0.012
8:	0.556	-0.053
9:	0.543	-0.472
10:	1.301	-0.625

X CENTROID: -0.155
Y CENTROID: 0.101
POA TO CENTROID: 0.185
HORZ SPREAD: 2.554
VERT SPREAD: 2.198
GROUP SPREAD: 3.370
MIN RADIUS: 0.095
MAX RADIUS: 1.836
MEAN RADIUS: 0.855
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

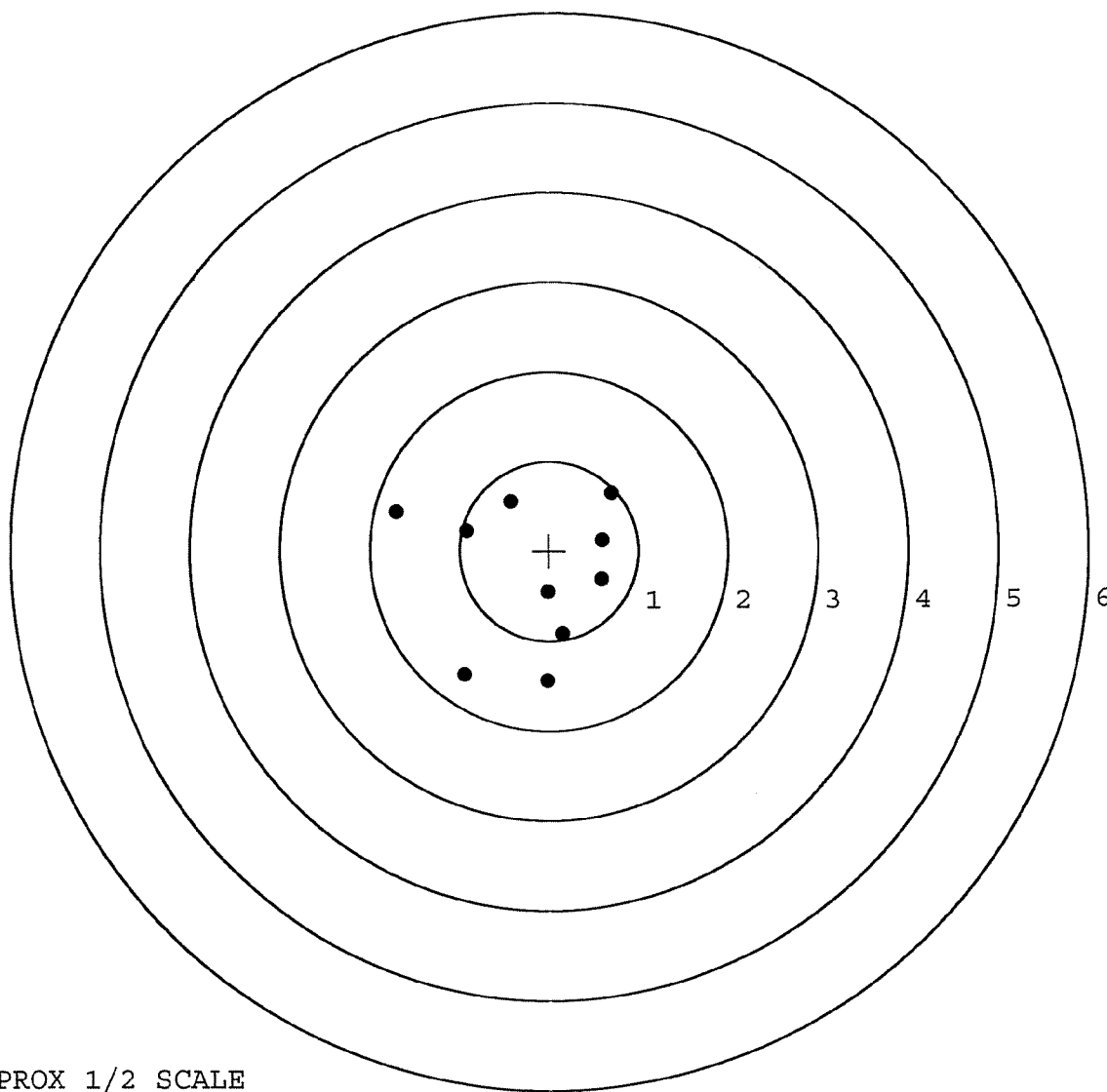


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637730. __ 0
TARGET NUMBER: 2
FILE DATE: 05/24/2007
FILE TIME: 23:24

POINT#	X	Y
1:	-1.706	0.436
2:	-0.924	0.222
3:	-0.428	0.547
4:	0.703	0.641
5:	0.599	0.118
6:	0.590	-0.325
7:	-0.017	-0.461
8:	0.147	-0.933
9:	-0.021	-1.448
10:	-0.952	-1.379

X CENTROID: -0.201
Y CENTROID: -0.258
POA TO CENTROID: 0.327
HORZ SPREAD: 2.409
VERT SPREAD: 2.089
GROUP SPREAD: 2.528
MIN RADIUS: 0.274
MAX RADIUS: 1.657
MEAN RADIUS: 0.990
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637730. __0

TARGET NUMBER: 3

FILE DATE: 05/24/2007

FILE TIME: 23:24

POINT#	X	Y
1:	-1.607	0.790
2:	-0.408	-0.200
3:	-0.286	-0.409
4:	-0.236	0.179
5:	0.205	0.331
6:	0.558	0.485
7:	0.199	-0.281
8:	0.083	-0.390
9:	0.951	-0.275
10:	0.311	-1.456

X CENTROID: -0.023

Y CENTROID: -0.123

POA TO CENTROID: 0.125

HORZ SPREAD: 2.558

VERT SPREAD: 2.246

GROUP SPREAD: 2.954

MIN RADIUS: 0.273

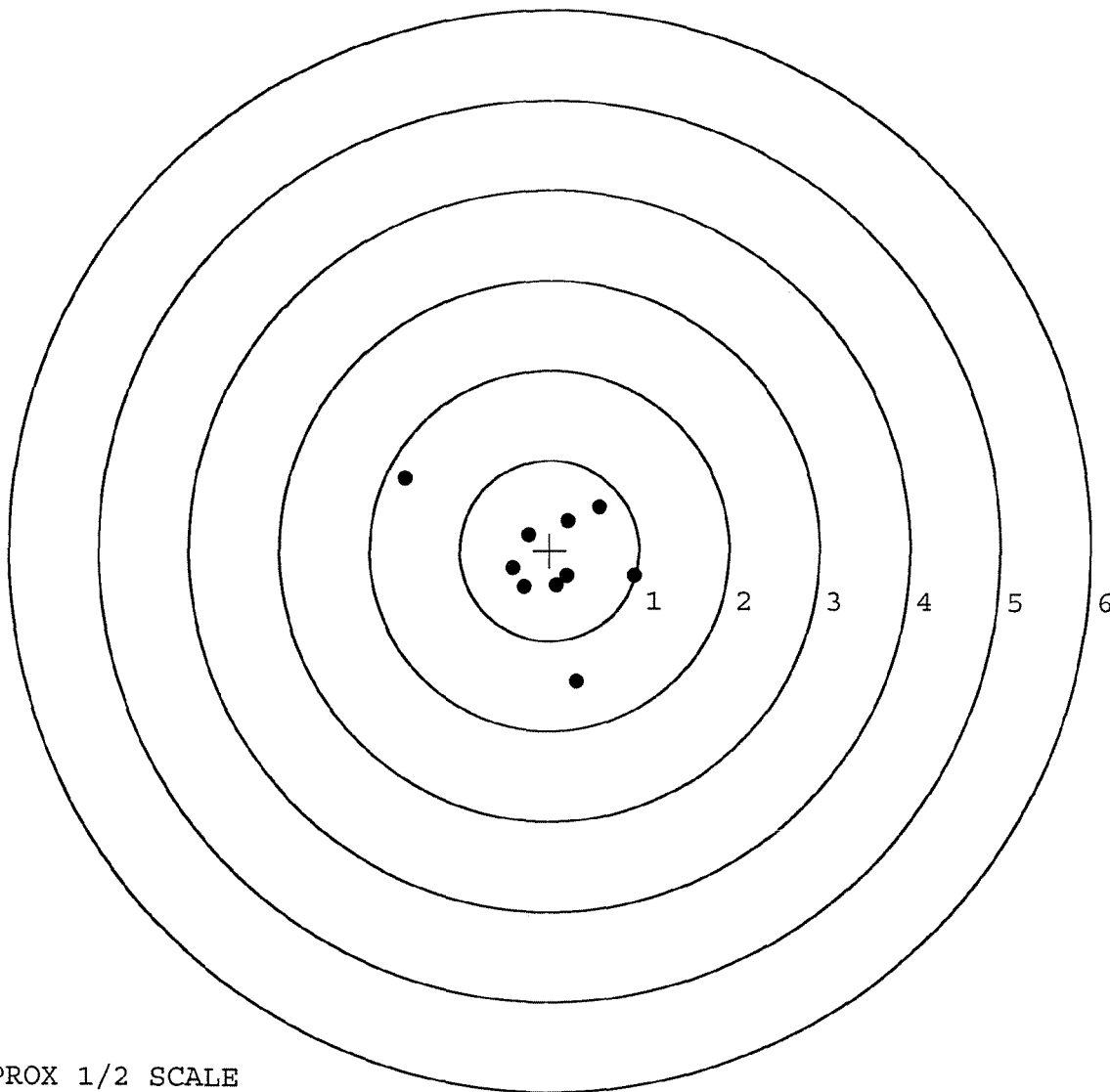
MAX RADIUS: 1.828

MEAN RADIUS: 0.725

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637730. __0

TARGET NUMBER: 4

FILE DATE: 05/24/2007

FILE TIME: 23:24

POINT#	X	Y
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1:	-0.626	0.111
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2:	-0.883	0.834
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3:	0.046	0.676
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4:	0.460	0.994
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5:	2.431	0.124
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6:	0.965	-0.633
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7:	0.475	-0.638
----	-------	--------

8:	0.923	-1.048
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9:	0.479	-1.314
----	-------	--------

10:	-0.190	-0.884
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X CENTROID: 0.408

Y CENTROID: -0.178

POA TO CENTROID: 0.445

HORZ SPREAD: 3.314

VERT SPREAD: 2.308

GROUP SPREAD: 3.389

MIN RADIUS: 0.465

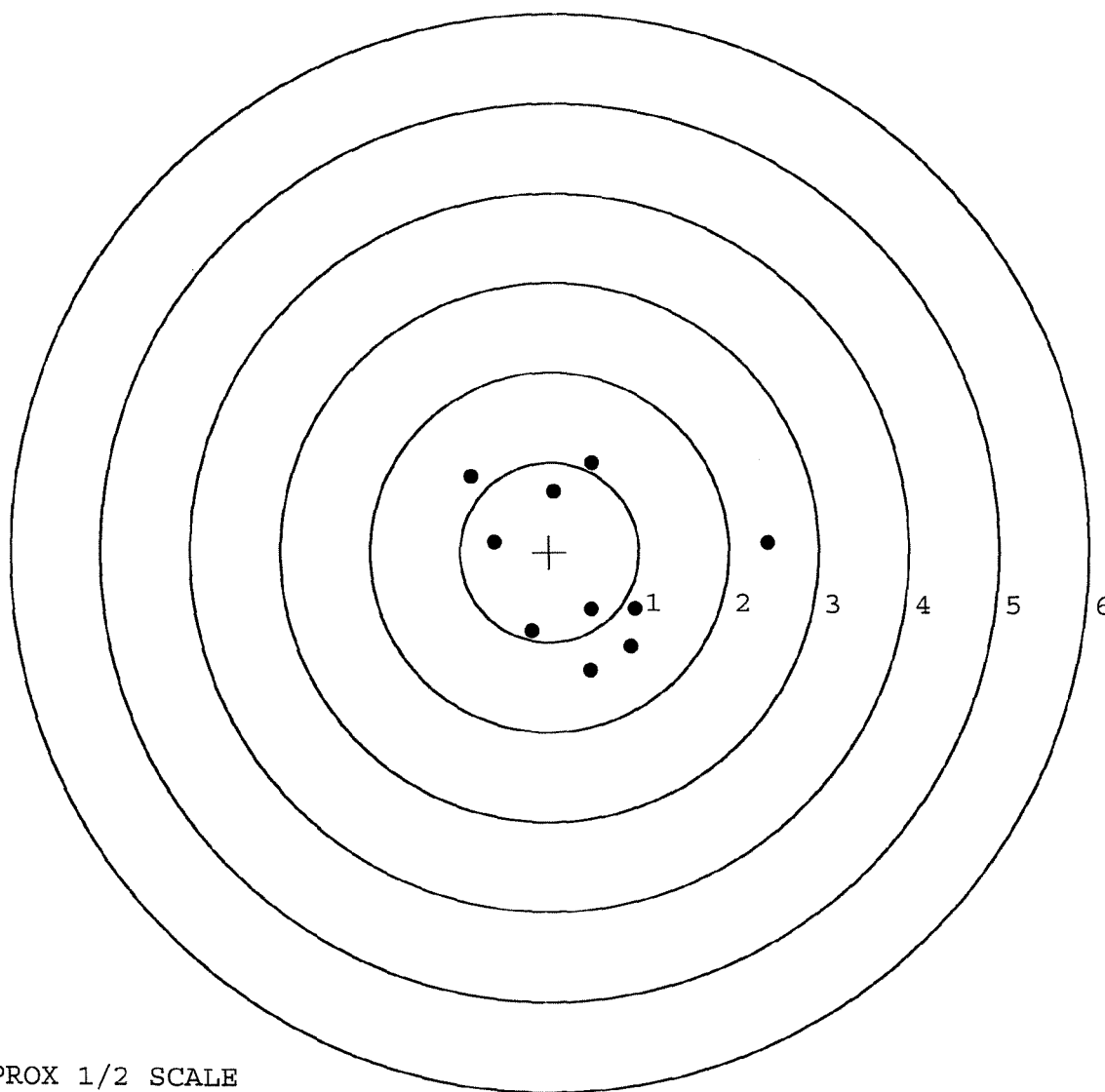
MAX RADIUS: 2.045

MEAN RADIUS: 1.112

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

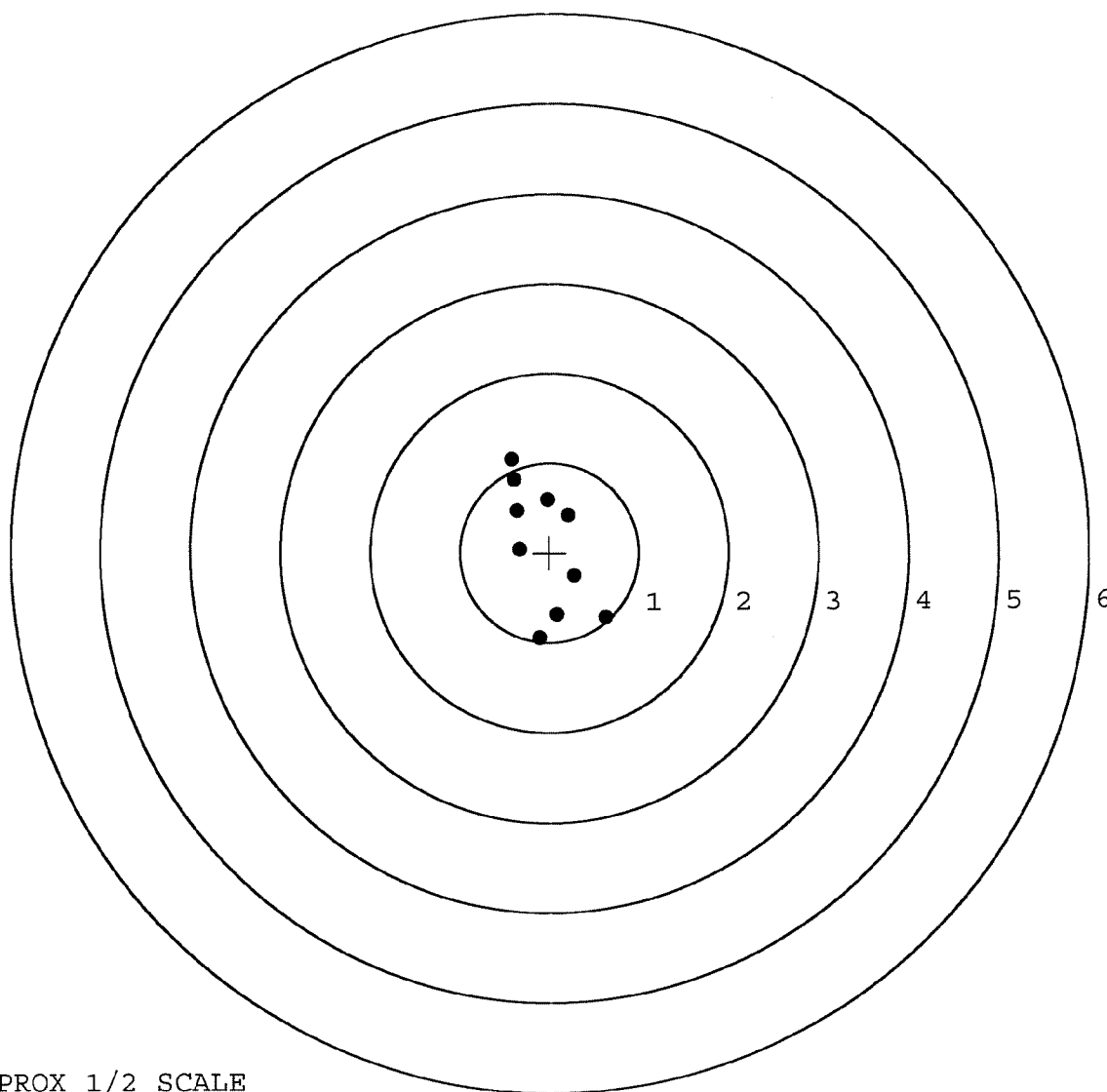


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6637730.___0
TARGET NUMBER: 5
FILE DATE: 05/24/2007
FILE TIME: 23:24

POINT#	X	Y
1:	-0.421	1.043
2:	-0.400	0.817
3:	-0.361	0.467
4:	-0.025	0.592
5:	0.210	0.419
6:	-0.334	0.034
7:	0.275	-0.266
8:	0.080	-0.699
9:	-0.115	-0.957
10:	0.633	-0.731

X CENTROID: -0.046
Y CENTROID: 0.072
POA TO CENTROID: 0.085
HORZ SPREAD: 1.054
VERT SPREAD: 2.000
GROUP SPREAD: 2.063
MIN RADIUS: 0.291
MAX RADIUS: 1.051
MEAN RADIUS: 0.694
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE