

G 664 5274

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

- INSTRUCTION BOOK 3518

BM FORM

proof of purchase



owner registration sticker



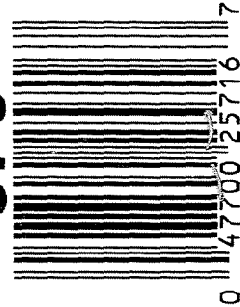
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6645274

UPC



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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6645274

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		7-17-07	S.P.D.
420	ASSEMBLE ACTION		6-19-07	S.P.D.
430	ASSEMBLE TO STOCK		6-21-07	TRW
440	PROOF	MAGNA-FLUX	6-21-07	TRW
460	CHECK HEADSPACE	JUL 19 2007	6-21-07	TRW
470	DIS-ASSEMBLE ACTION		7-18-07	S.P.D.
480	MAGNAFLUX BBL ACTION	OPERATOR <u>can S</u>	7/19/07	can S
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		7-19-07	CW
510	DRILL AND TAP SIGHT HOLES		7-17-07	SD
520	GOFF BLAST BBL / REC		7-19-07	LY
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		7/23/07	FB
560	RE-ASSEMBLE ACTION		7/26/07	RP
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7/26/07	RP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7/26/07	RP
	D) OIL FIRING PIN ASSEMBLY		7-27-07	S.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		8/22/07	can S

F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.5</u> <u>6.25</u> <u>6.25</u>	8/2/07	nm
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>5.5</u> <u>4.75</u> <u>4.75</u>	8/2/07	nm
	H) TRIGGER PULL TEST AND RETAINABILITY		8/2/07	nm
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.025</u> <u>.025</u>	8/2/07	nm
	J) ASSEMBLE STOCK		7-27-07	DA
	K) ASSEMBLE SWIVEL STUDS		8/6/07	nm
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8/24/07	nm
	M) IRON SIGHT ALIGNMENT		8/24/07	nm
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8/24/07	nm
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	7/30/07	nm
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		7/30/07	RP
670	FINAL INSPECTION A) HEADSPACE		8/2/07	nm
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>237</u> <u>247</u> <u>235</u> <u>223</u> <u>220</u>	8/2/07	nm
	C) FUNCTION		8/2/07	nm
690	PACK		8-27-07	DA

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 7/16/07

TESTER nm

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS.		COMMENTS
PULL #1	257	272		226	
PULL #2	266	263		232	
PULL #3	272	268		232	
PULL #4	262	257		232	
PULL #5	257	243		226	
TOTAL	1314	1303		1148	
AVERAGE	263	261		230	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	313	306		
PULL #2	296	333		
PULL #3	314	319		
PULL #4	326	315		
PULL #5	302	291		
TOTAL	1551	1564		
AVERAGE	310	313		

	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	4.11	383		396
PULL #2	4.12	374		382
PULL #3	4.11	377		4.12
PULL #4	399	384		4.07
PULL #5	397	392		4.22
TOTAL	2030	1910		20.19
AVERAGE	4.06	3.82		4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6645274.___0
FILE DATE AND TIME: 07/31/2007 23:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.089
The Average Y Centroid of the Five Target Set:	-0.121
The Average Point of Impact of the Five Target Set:	0.150
The Average Mean Radius of the Five Target Set:	0.618
The Distance from POA to Centroid Target #1:	0.134
The Distance from Centroid Target #2 to Centroid Target #1:	0.246
The Distance from Centroid Target #3 to Centroid Target #1:	0.332
The Distance from Centroid Target #4 to Centroid Target #1:	0.448
The Distance from Centroid Target #5 to Centroid Target #1:	0.297

SERIAL NUMBER: G6645274. __ 0

TARGET NUMBER: 1

FILE DATE: 07/31/2007

FILE TIME: 23:00

POINT#	X	Y
1:	-0.230	0.402
2:	0.033	0.258
3:	0.331	0.277
4:	0.582	-0.095
5:	0.303	-0.248
6:	0.143	-0.306
7:	-0.314	-0.271
8:	-0.595	-0.864
9:	-0.550	0.141
10:	-1.036	0.879

X CENTROID: -0.133

Y CENTROID: 0.017

POA TO CENTROID: 0.134

HORZ SPREAD: 1.618

VERT SPREAD: 1.743

GROUP SPREAD: 1.889

MIN RADIUS: 0.293

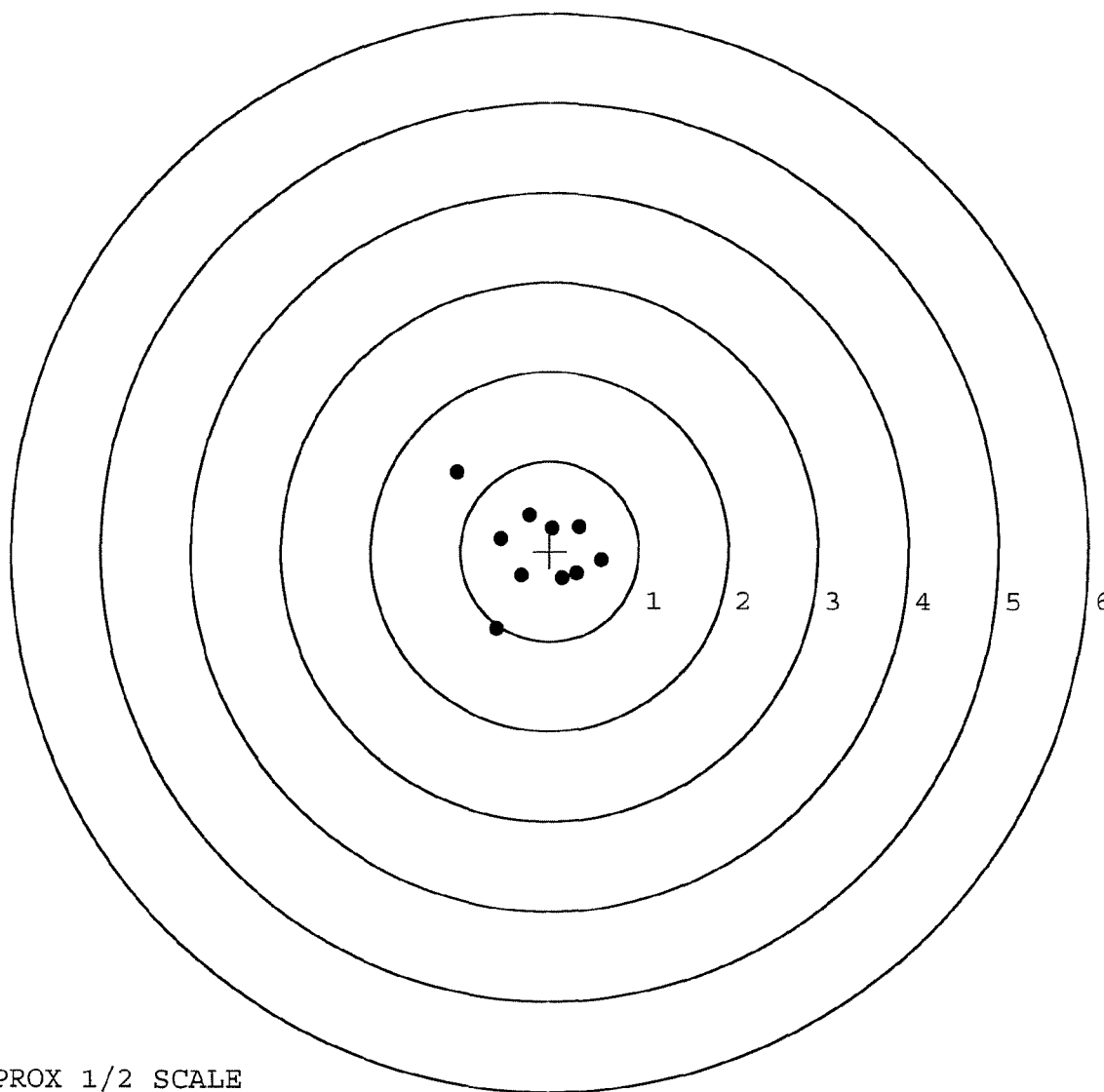
MAX RADIUS: 1.248

MEAN RADIUS: 0.590

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

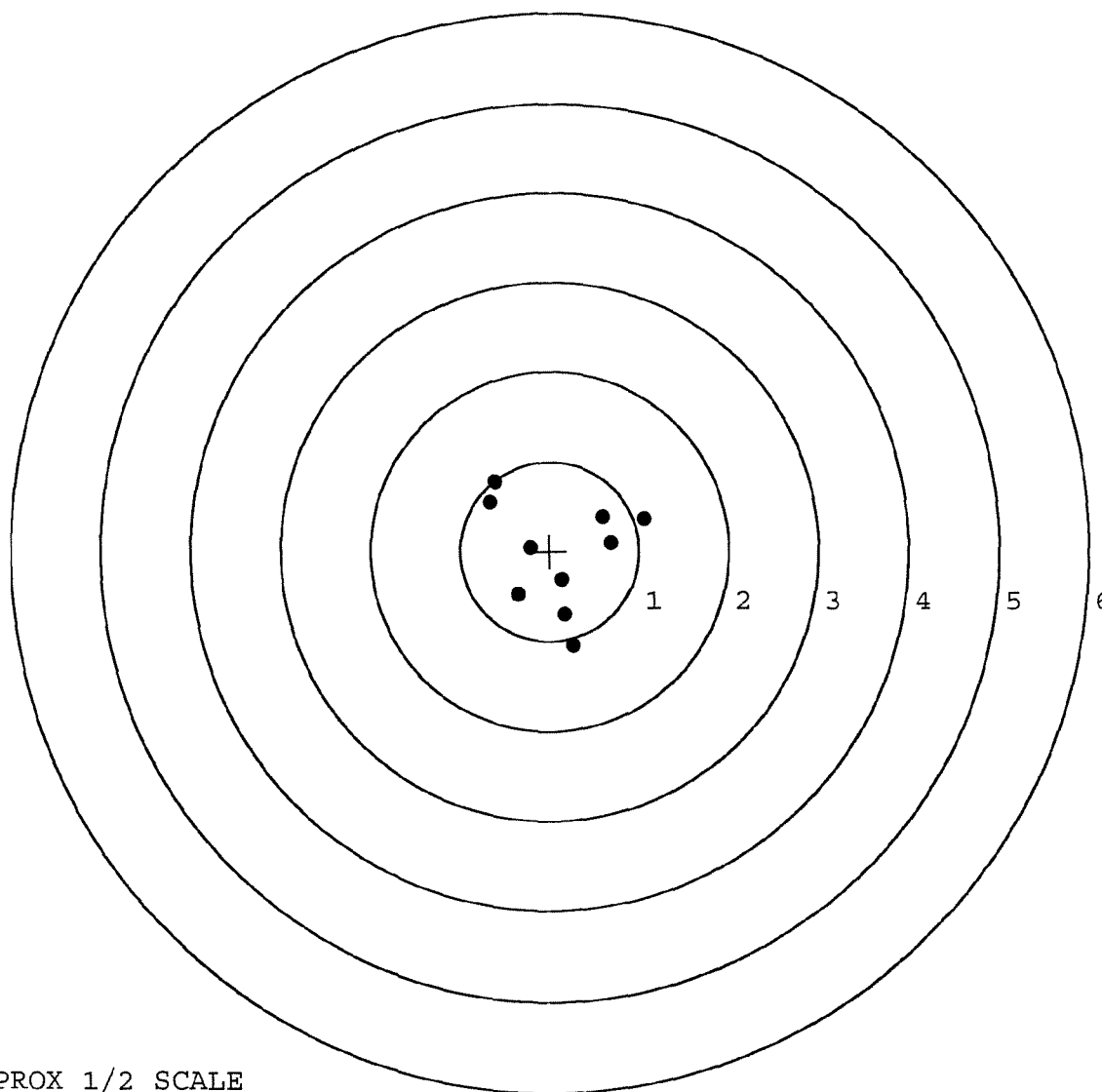


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645274. __0
TARGET NUMBER: 2
FILE DATE: 07/31/2007
FILE TIME: 23:00

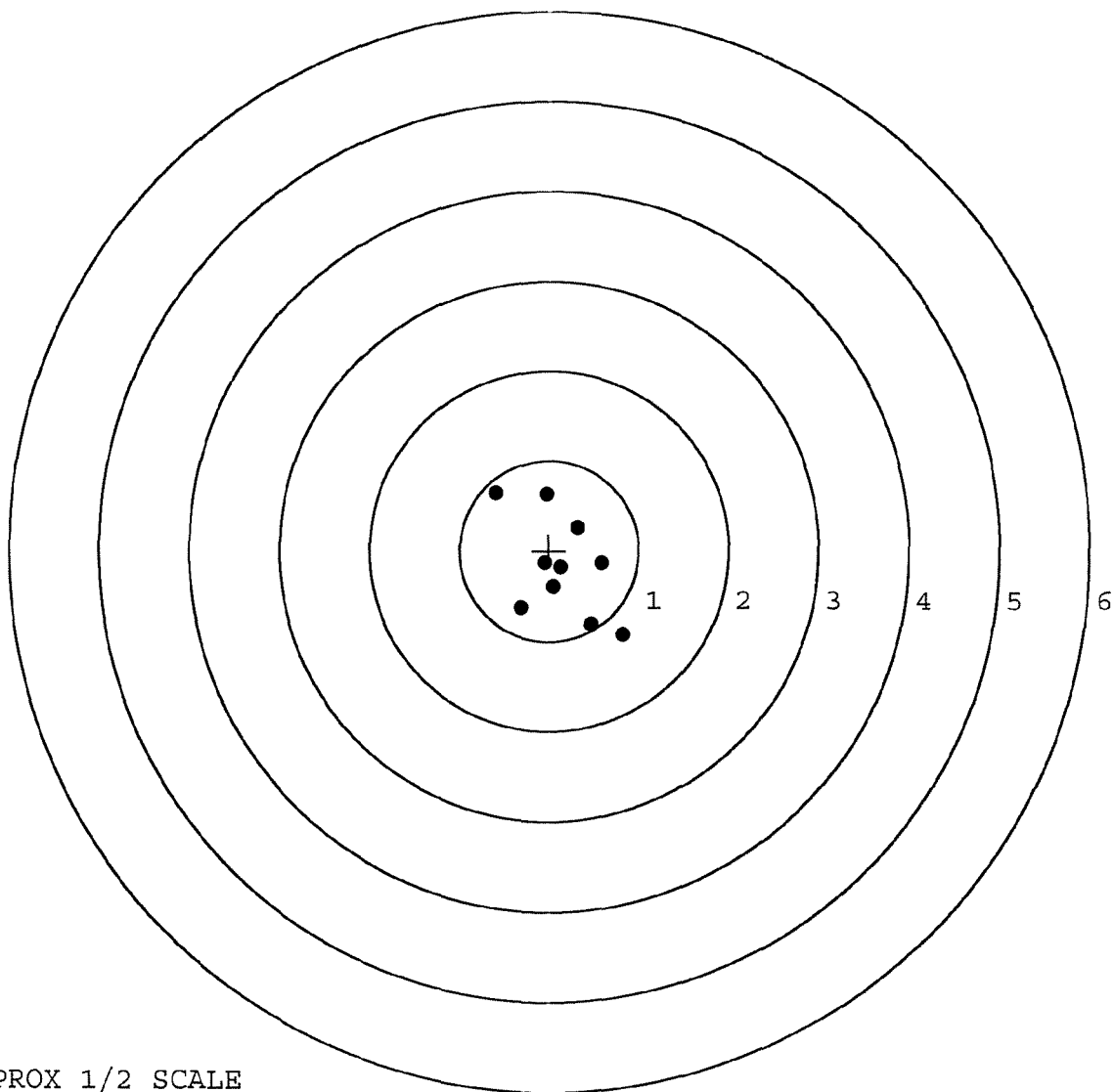
POINT#	X	Y
1:	-0.670	0.546
2:	-0.614	0.774
3:	0.595	0.383
4:	0.688	0.091
5:	1.057	0.361
6:	-0.220	0.045
7:	0.138	-0.322
8:	0.171	-0.713
9:	0.270	-1.055
10:	-0.353	-0.493

X CENTROID: 0.106
Y CENTROID: -0.038
POA TO CENTROID: 0.113
HORZ SPREAD: 1.727
VERT SPREAD: 1.829
GROUP SPREAD: 2.031
MIN RADIUS: 0.285
MAX RADIUS: 1.086
MEAN RADIUS: 0.731
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645274. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.595	0.639
FILE DATE: 07/31/2007	2:	-0.030	0.626
FILE TIME: 23:00	3:	0.318	0.255
	4:	0.593	-0.140
X CENTROID: 0.140	5:	0.468	-0.816
Y CENTROID: -0.172	6:	0.828	-0.933
POA TO CENTROID: 0.222	7:	-0.315	-0.630
HORZ SPREAD: 1.423	8:	0.050	-0.404
VERT SPREAD: 1.572	9:	0.130	-0.184
GROUP SPREAD: 2.120	10:	-0.049	-0.135
MIN RADIUS: 0.015			
MAX RADIUS: 1.095			
MEAN RADIUS: 0.568			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645274. __0

TARGET NUMBER: 4

FILE DATE: 07/31/2007

FILE TIME: 23:00

POINT#	X	Y
1:	-0.200	0.664
2:	0.220	0.104
3:	0.572	-0.153
4:	1.332	-0.379
5:	0.704	-0.828
6:	-0.067	-0.420
7:	-0.037	-0.259
8:	-0.484	-0.363
9:	-0.536	-0.079
10:	0.818	-0.705

X CENTROID: 0.232

Y CENTROID: -0.242

POA TO CENTROID: 0.335

HORZ SPREAD: 1.868

VERT SPREAD: 1.492

GROUP SPREAD: 1.892

MIN RADIUS: 0.270

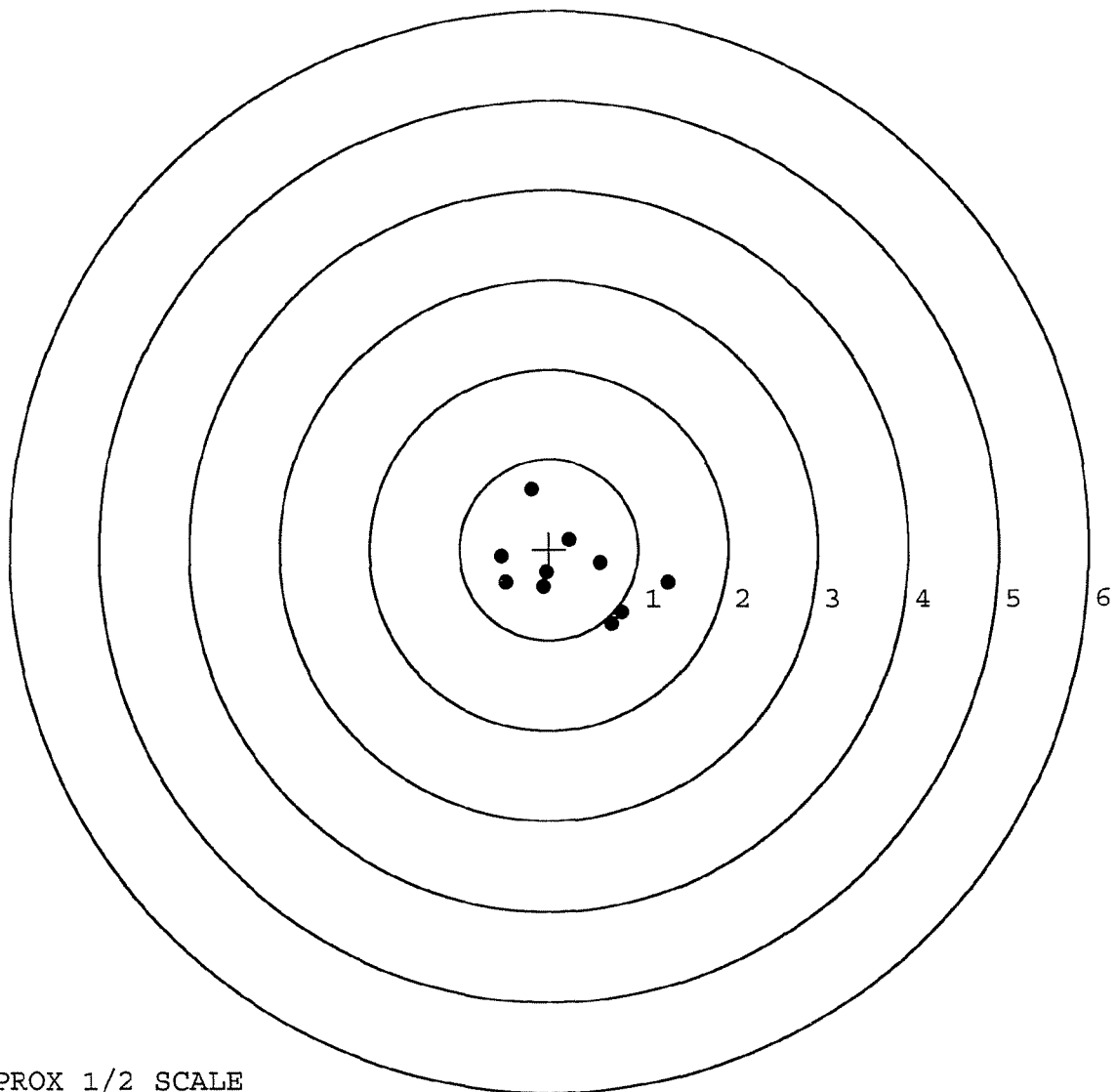
MAX RADIUS: 1.108

MEAN RADIUS: 0.644

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6645274. __0

TARGET NUMBER: 5

FILE DATE: 07/31/2007

FILE TIME: 23:00

POINT#	X	Y
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1:	-0.139	0.463
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2:	-0.468	0.197
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3:	-0.383	-0.172
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4:	-0.670	-0.587
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5:	0.064	-0.538
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6:	0.344	-0.363
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7:	0.221	-0.083
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8:	0.630	-0.342
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9:	0.754	-0.574
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10:	0.628	0.309
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X CENTROID: 0.098

Y CENTROID: -0.169

POA TO CENTROID: 0.195

HORZ SPREAD: 1.424

VERT SPREAD: 1.050

GROUP SPREAD: 1.577

MIN RADIUS: 0.150

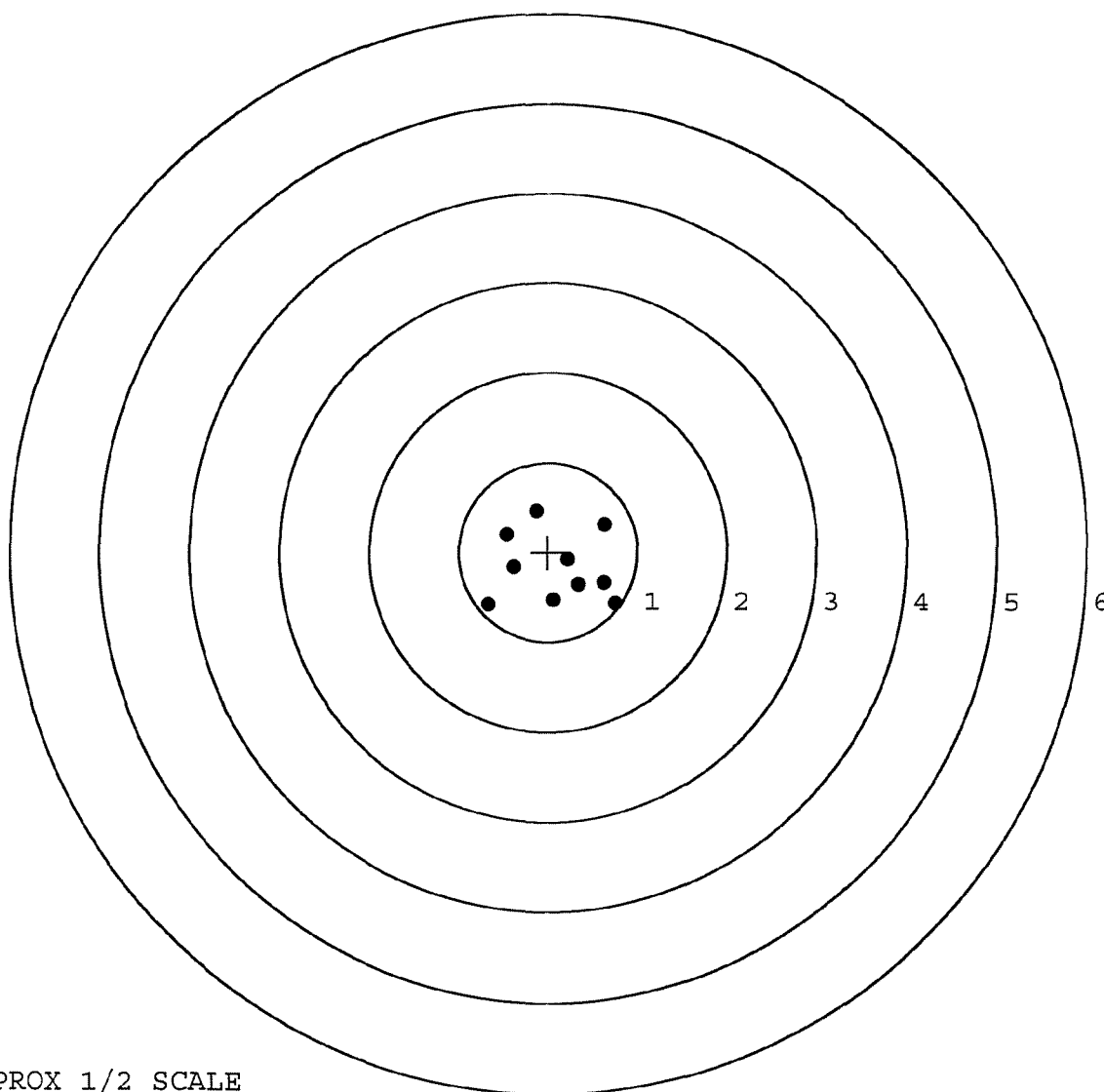
MAX RADIUS: 0.874

MEAN RADIUS: 0.558

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE