

G 646 1601

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



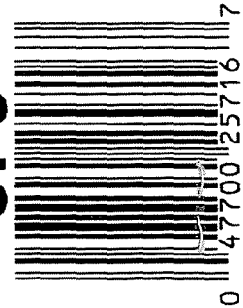
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6461601

UPC



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

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SERIAL NO.



66461601

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 604616001

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420 & 430	ASSEMBLE ACTION ASSEMBLE TO STOCK		8-11-05	RTZ
440	PROOF		8-12-05	AC
460	CHECK HEADSPACE		8-12-05	AC
470	DIS-ASSEMBLE ACTION		8-15-05	RTZ
480 & 490	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-8-05	CW
510	DRILL AND TAP SIGHT HOLES		9-7-05	TRW
520	GOFF BLAST BBL / REC		9-9-05	LB
530 & 540	APPLY COATINGS (BARREL ACTION)		9-12-05	WT
	(BOLT)			
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		9/30	WTH
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/30	WTH
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/30	WTH
	D) OIL FIRING PIN ASSEMBLY		10-10-05	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>616</u> <u>616</u> <u>616</u>	10-14-05	BC
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>216</u> <u>216</u> <u>216</u>	10-14-05	BC
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.023</u> <u>.023</u> <u>.023</u>	10-14-05	BC
	J) ASSEMBLE STOCK		10-10-05	RTL
	K) ASSEMBLE SWIVEL STUDS		10-14-05	BC
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-13-05	Ac
	M) IRON SIGHT ALIGNMENT		10-13-05	Ac
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-13-05	Ac
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	10-14-05	TRL
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		10/14/05	ST
670	FINAL INSPECTION A) HEADSPACE		10-14-05	BC
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.69</u> <u>2.77</u> <u>2.61</u> <u>2.81</u> <u>2.67</u>	10-14-05	TRL
	C) FUNCTION		10-14-05	BC
690	PACK		10/31/05	DA

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 10-4-05

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.71	2.79		2.80	
PULL #2	2.68	2.71		2.60	
PULL #3	2.62	2.64		2.65	
PULL #4	2.60	2.80		2.65	
PULL #5	2.61	2.74		2.67	
TOTAL	13.22	13.68		13.37	
AVERAGE	2.64	2.73		2.67	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.31		
PULL #2	3.05	3.37		
PULL #3	3.39	3.21		
PULL #4	3.27	3.25		
PULL #5	3.26	3.20		
TOTAL	16.17	16.34		
AVERAGE	3.23	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	4.36	4.36		4.06
PULL #2	4.35	4.38		4.27
PULL #3	4.39	4.41		4.11
PULL #4	4.28	4.26		4.12
PULL #5	4.21	4.33		4.04
TOTAL	21.59	21.74		20.60
AVERAGE	4.31	4.34		4.12

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461601.__0

FILE DATE AND TIME: 10/14/2005 09:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.155
The Average Y Centroid of the Five Target Set:	0.527
The Average Point of Impact of the Five Target Set:	0.549
The Average Mean Radius of the Five Target Set:	1.101
The Distance from POA to Centroid Target #1:	0.112
The Distance from Centroid Target #2 to Centroid Target #1:	0.790
The Distance from Centroid Target #3 to Centroid Target #1:	0.668
The Distance from Centroid Target #4 to Centroid Target #1:	0.660
The Distance from Centroid Target #5 to Centroid Target #1:	0.260

SERIAL NUMBER: G6461601. 0

TARGET NUMBER: 1

FILE DATE: 10/14/2005

FILE TIME: 09:43

X CENTROID: -0.070

Y CENTROID: 0.088

POA TO CENTROID: 0.112

HORZ SPREAD: 1.599

VERT SPREAD: 1.186

GROUP SPREAD: 1.749

MIN RADIUS: 0.136

MAX RADIUS: 1.125

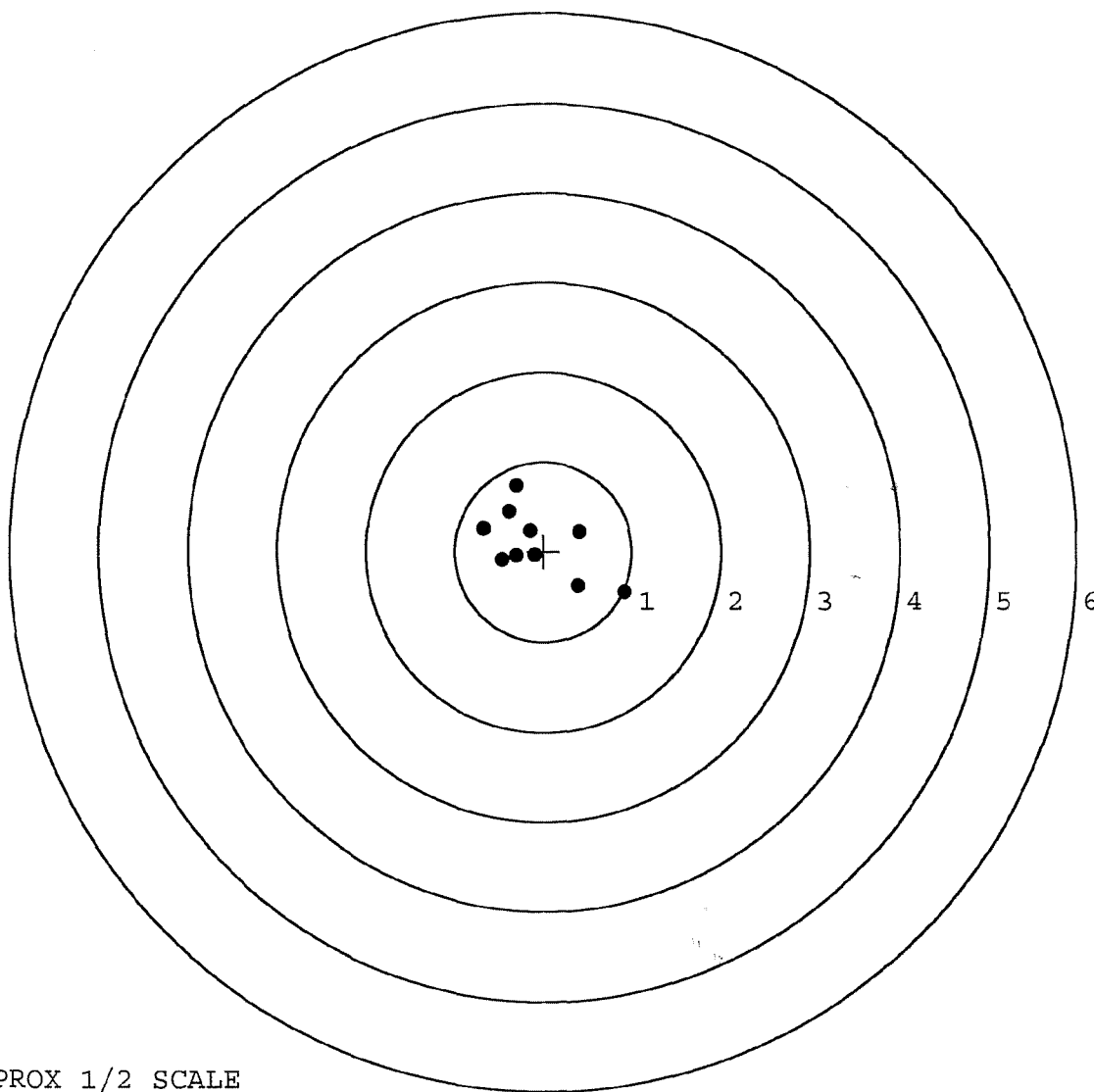
MEAN RADIUS: 0.512

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.918	-0.451
2:	0.392	-0.384
3:	0.413	0.223
4:	-0.101	-0.045
5:	-0.308	-0.050
6:	-0.473	-0.094
7:	-0.152	0.231
8:	-0.681	0.257
9:	-0.399	0.453
10:	-0.311	0.735



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461601. 0

TARGET NUMBER: 2

FILE DATE: 10/14/2005

FILE TIME: 09:43

X CENTROID: -0.128

Y CENTROID: 0.875

POA TO CENTROID: 0.884

HORZ SPREAD: 1.977

VERT SPREAD: 3.882

GROUP SPREAD: 4.244

MIN RADIUS: 0.396

MAX RADIUS: 2.394

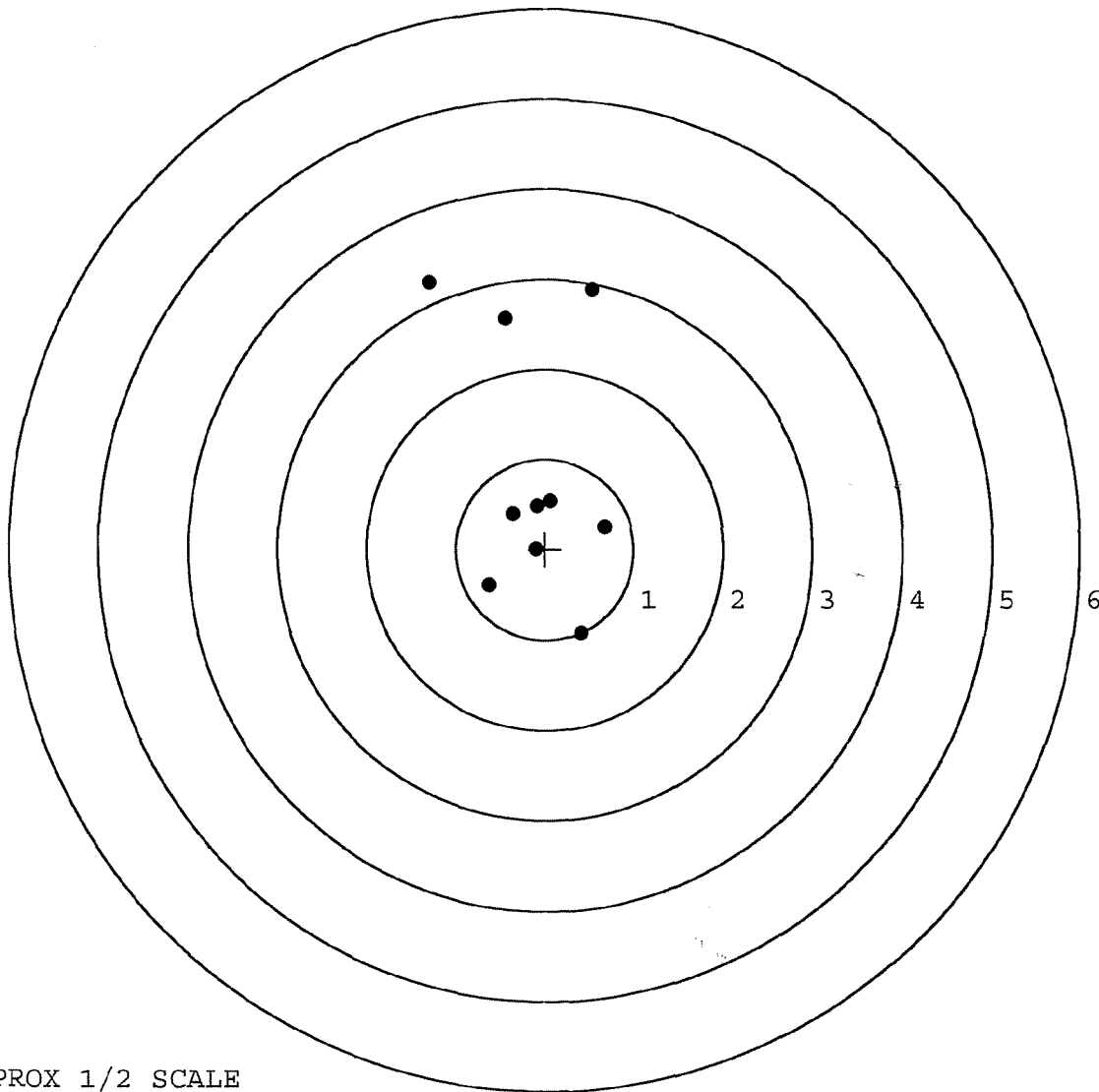
MEAN RADIUS: 1.269

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6

POINT#	X	Y
1:	0.411	-0.922
2:	-0.630	-0.394
3:	-0.102	0.005
4:	0.672	0.250
5:	0.060	0.527
6:	-0.099	0.479
7:	-0.370	0.393
8:	-0.452	2.562
9:	0.531	2.889
10:	-1.305	2.960



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461601. 0

TARGET NUMBER: 3

FILE DATE: 10/14/2005

FILE TIME: 09:43

X CENTROID: -0.506

Y CENTROID: 0.593

POA TO CENTROID: 0.780

HORZ SPREAD: 2.935

VERT SPREAD: 4.540

GROUP SPREAD: 4.740

MIN RADIUS: 0.624

MAX RADIUS: 2.917

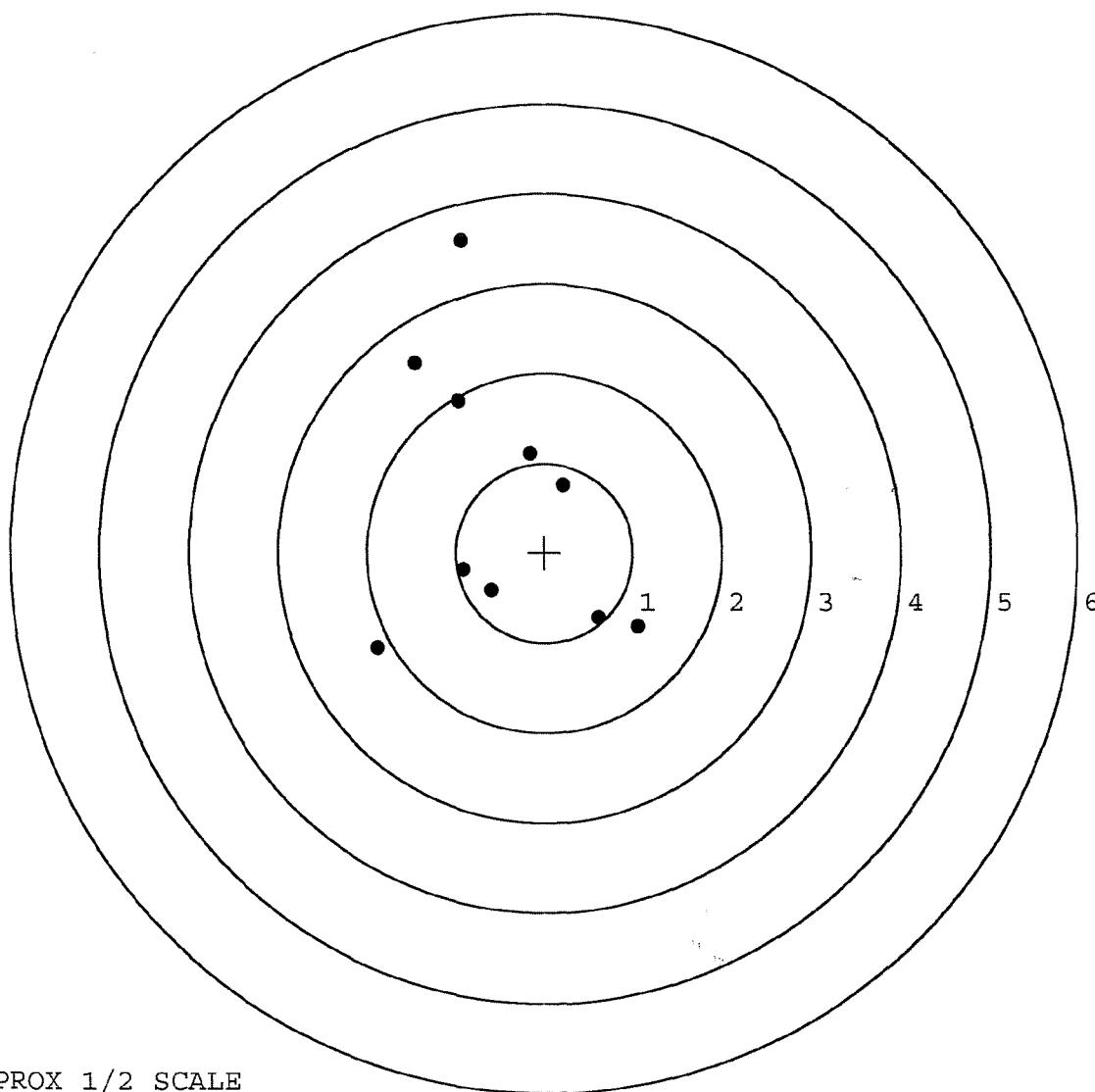
MEAN RADIUS: 1.516

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 5

POINT#	X	Y
1:	1.055	-0.824
2:	0.609	-0.723
3:	-0.605	-0.425
4:	-0.916	-0.192
5:	0.211	0.757
6:	-0.162	1.113
7:	-0.978	1.696
8:	-1.461	2.113
9:	-0.935	3.478
10:	-1.880	-1.062



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461601. 0

TARGET NUMBER: 4

FILE DATE: 10/14/2005

FILE TIME: 09:43

X CENTROID: -0.089

Y CENTROID: 0.748

POA TO CENTROID: 0.753

HORZ SPREAD: 1.778

VERT SPREAD: 3.342

GROUP SPREAD: 3.348

MIN RADIUS: 0.516

MAX RADIUS: 1.879

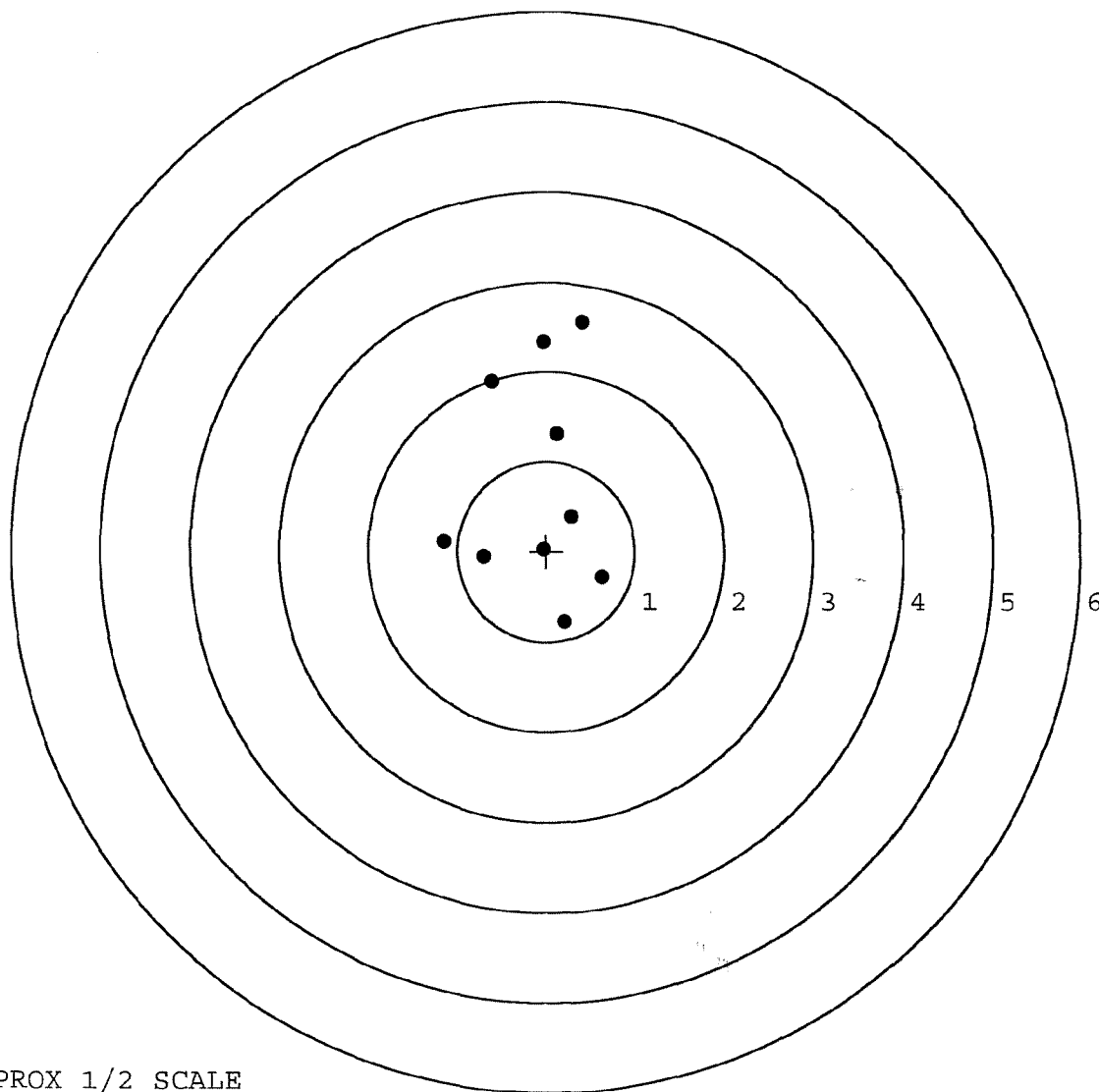
MEAN RADIUS: 1.163

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.627	-0.283
2:	0.206	-0.783
3:	-0.031	0.021
4:	0.282	0.390
5:	-0.701	-0.059
6:	-1.151	0.108
7:	0.122	1.302
8:	-0.618	1.889
9:	-0.039	2.333
10:	0.409	2.559



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461601. 0

TARGET NUMBER: 5

FILE DATE: 10/14/2005

FILE TIME: 09:43

X CENTROID: 0.020

Y CENTROID: 0.331

POA TO CENTROID: 0.332

HORZ SPREAD: 2.265

VERT SPREAD: 4.108

GROUP SPREAD: 4.195

MIN RADIUS: 0.017

MAX RADIUS: 3.195

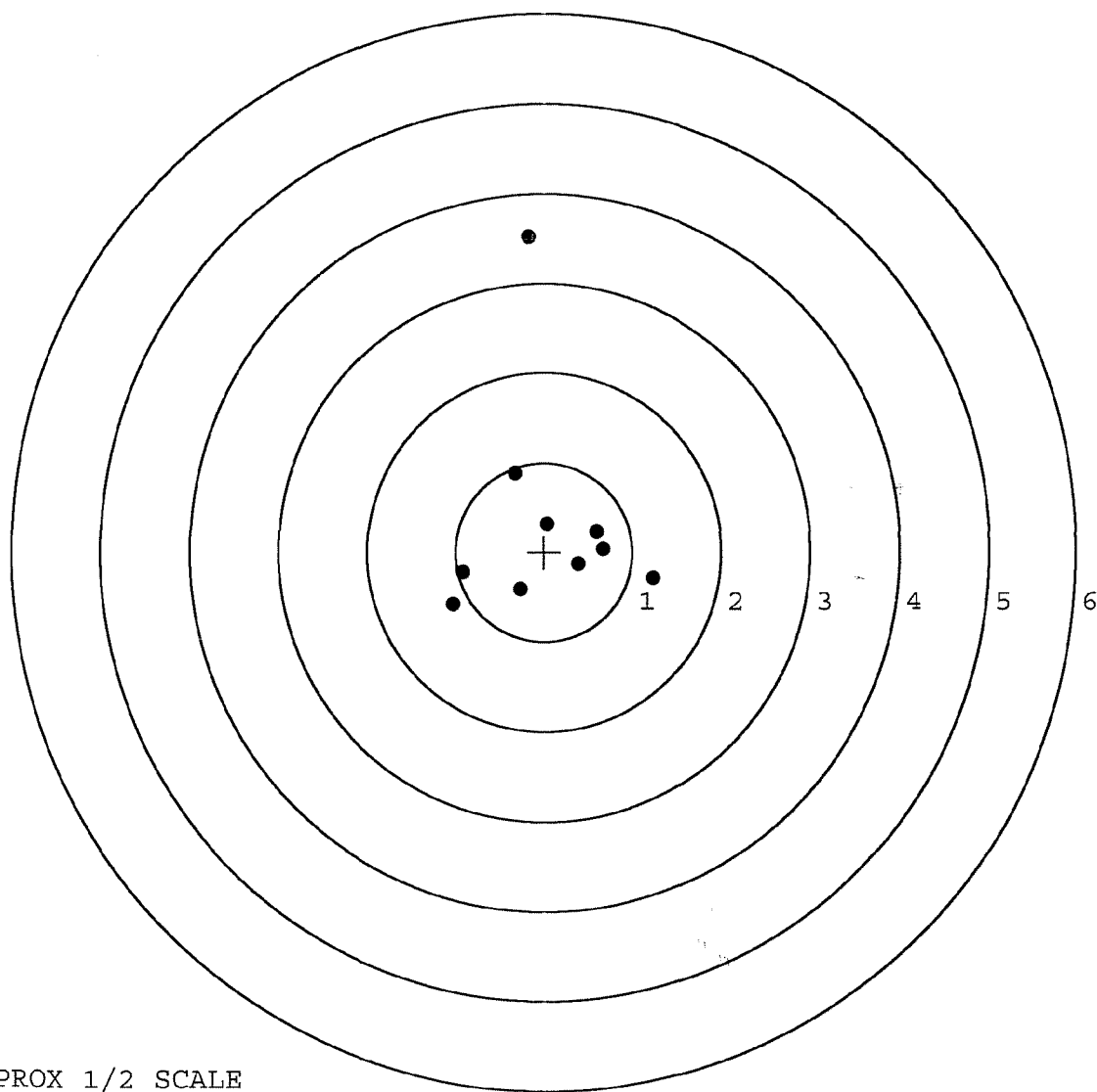
MEAN RADIUS: 1.043

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.238	-0.299
2:	-0.273	-0.424
3:	-0.916	-0.231
4:	-1.027	-0.588
5:	0.028	0.316
6:	-0.330	0.885
7:	0.599	0.232
8:	0.671	0.039
9:	0.388	-0.139
10:	-0.176	3.520



TARGET APPROX 1/2 SCALE