

G-6410250

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



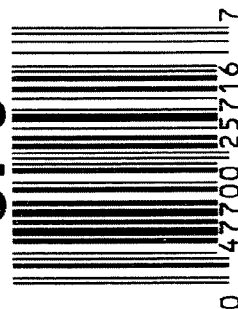
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6410250

UPC



G6410250

35

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYST

UPC



SERIAL NO.



25716

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



.MA25716

Shop Order: SWS10-15-5



.ABSWS10-15-5

Start Date: 9/20/2004

Finish Date: 10/15/2004

0540

Flat Black Powder Coat, Barrel and

01PC001



0003512703

0560

Reassemble Action.

89SWS1



0003512704

0690

Pack Rifle

89SWS1



0003512697

0700

Stencil SWS Container

89SWS1



.OP0700

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 8 66410250

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		8-24-04	RTL
600	PROOF		8-24-04	RTL
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	8-24-04	RTL
610	DIS-ASSEMBLE GUN	AUG 23 2004	8-24-04	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>[Signature]</u>		
615	ROLLMARK CALIBER		8/25/04	JB
617	DRILL AND TAP SIGHT HOLES		8-24-04	TRL
620	APPLY COATINGS (BARREL ACTION)		9/7	HP
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9/23/04	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9/23/04	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9/23/04	DA
	D) OIL FIRING PIN ASSEMBLY		9/23/04	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.5</u> <u>6.5</u> <u>6.5</u>	10/8/04	DA
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>2.5</u> <u>2.0</u>	10/8/04	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.025</u> <u>.024</u>	10/8/04	DA
	J) ASSEMBLE STOCK		9-28-04	RLW
	K) ASSEMBLE SWIVEL STUDS		10-12-04	RTL
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-28-04	RLW
	M) IRON SIGHT ALIGNMENT		9-28-04	RLW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-28-04	RLW
640	GALLERY TEST AND TARGET	PASS FAIL	10-4-04	TRLW
	MALFUNCTION	CORRECTION	NA	TRLW
	MALFUNCTION	CORRECTION	NA	TRLW
	MALFUNCTION	CORRECTION	NA	TRLW
	MALFUNCTION	CORRECTION	NA	TRLW
645	INSPECT FOR LIVE AMMO		10-4-04	TRLW
655	FINAL INSPECTION A) HEADSPACE		10-12-04	RTL
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.32</u> <u>2.37</u> <u>2.46</u> <u>2.38</u> <u>2.38</u>	10/8/04	DA
	C) FUNCTION		10-12-04	RTL
660	PACK		10/25/04	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 9-27-04

TESTER TRG

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.25	2.52		2.05	
PULL #2	2.07	2.44		2.06	
PULL #3	2.04	2.43		2.09	
PULL #4	2.50	2.33		2.03	
PULL #5	2.52	2.28		2.10	
TOTAL	11.38	12.00		10.33	
AVERAGE	2.27	2.40		2.06	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.21		
PULL #2	3.23	3.13		
PULL #3	3.22	3.07		
PULL #4	3.24	3.18		
PULL #5	3.25	3.03		
TOTAL	16.37	15.62		
AVERAGE	3.27	3.12		

	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	4.17	4.15		4.08
PULL #2	3.98	4.09		4.11
PULL #3	4.11	3.51		4.12
PULL #4	4.01	4.21		3.91
PULL #5	4.17	4.06		4.10
TOTAL	20.44	20.02		20.32
AVERAGE	4.08	4.00		4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6410250.__0

FILE DATE AND TIME: 10/04/2004 08:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.041
The Average Y Centroid of the Five Target Set:	0.030
The Average Point of Impact of the Five Target Set:	0.051
The Average Mean Radius of the Five Target Set:	0.693
The Distance from POA to Centroid Target #1:	0.024
The Distance from Centroid Target #2 to Centroid Target #1:	0.109
The Distance from Centroid Target #3 to Centroid Target #1:	0.162
The Distance from Centroid Target #4 to Centroid Target #1:	0.149
The Distance from Centroid Target #5 to Centroid Target #1:	0.133

SERIAL NUMBER: G6410250. __0

TARGET NUMBER: 1

FILE DATE: 10/04/2004

FILE TIME: 08:04

POINT#	X	Y
1:	0.761	-1.136
2:	0.714	-0.256
3:	0.506	1.044
4:	-1.011	0.899
5:	0.015	0.724
6:	0.040	0.368
7:	0.072	-0.087
8:	-0.431	-0.347
9:	-0.285	-0.452
10:	-0.139	-0.742

X CENTROID: 0.024

Y CENTROID: 0.002

POA TO CENTROID: 0.024

HORZ SPREAD: 1.772

VERT SPREAD: 2.180

GROUP SPREAD: 2.698

MIN RADIUS: 0.101

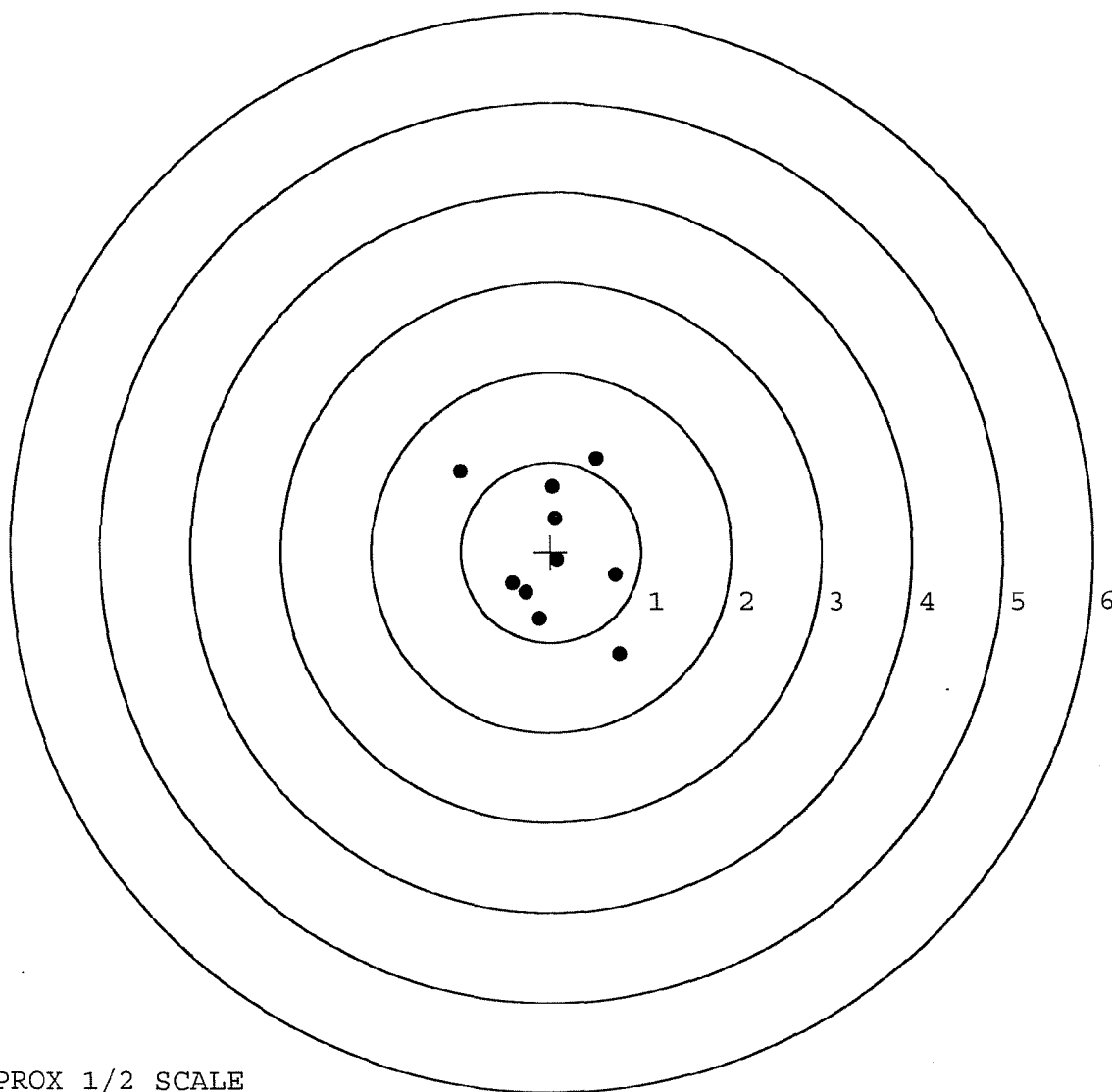
MAX RADIUS: 1.370

MEAN RADIUS: 0.768

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410250. __0

TARGET NUMBER: 2

FILE DATE: 10/04/2004

FILE TIME: 08:04

X CENTROID: 0.106

Y CENTROID: 0.073

POA TO CENTROID: 0.129

HORZ SPREAD: 1.526

VERT SPREAD: 1.481

GROUP SPREAD: 1.974

MIN RADIUS: 0.206

MAX RADIUS: 1.057

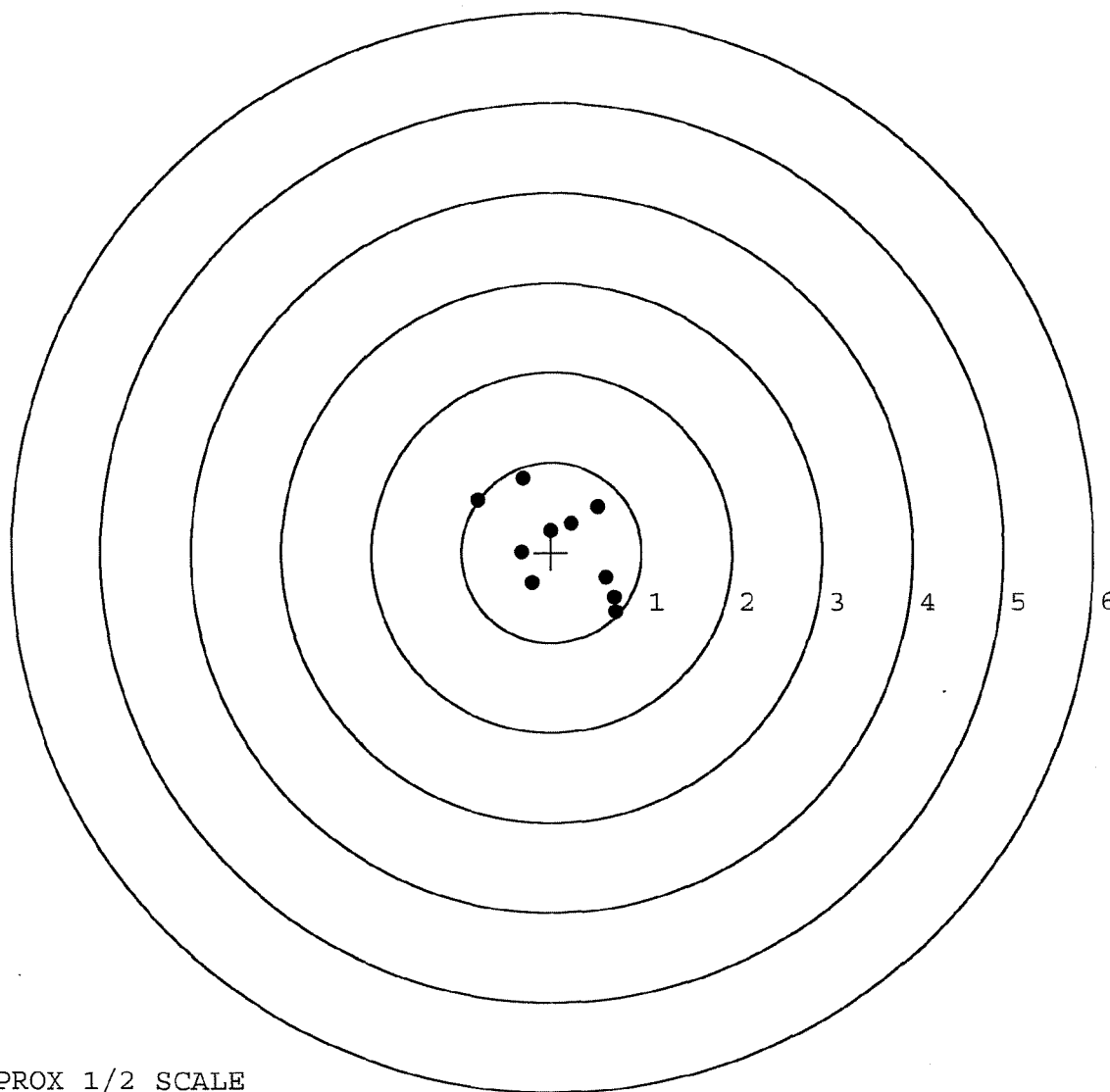
MEAN RADIUS: 0.633

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.712	-0.659
2:	0.699	-0.498
3:	0.602	-0.278
4:	0.518	0.507
5:	0.221	0.320
6:	-0.011	0.242
7:	-0.318	0.822
8:	-0.814	0.593
9:	-0.327	0.013
10:	-0.218	-0.336

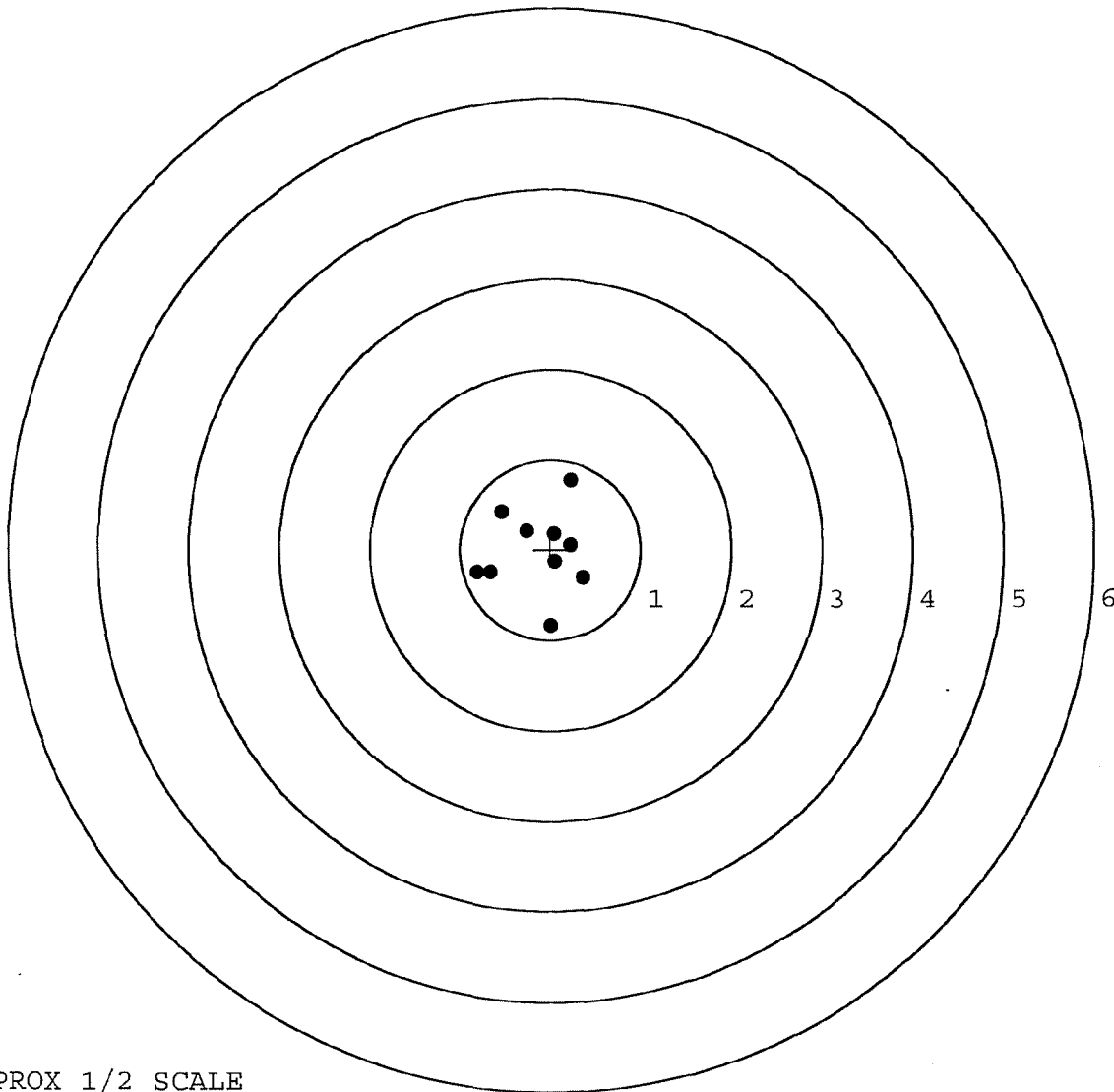


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410250. __0
TARGET NUMBER: 3
FILE DATE: 10/04/2004
FILE TIME: 08:04

X CENTROID: -0.137
Y CENTROID: -0.016
POA TO CENTROID: 0.137
HORZ SPREAD: 1.170
VERT SPREAD: 1.619
GROUP SPREAD: 1.635
MIN RADIUS: 0.223
MAX RADIUS: 0.866
MEAN RADIUS: 0.530
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.002	-0.850
2:	-0.665	-0.252
3:	-0.808	-0.250
4:	-0.544	0.432
5:	0.230	0.769
6:	0.362	-0.307
7:	-0.264	0.213
8:	0.042	0.174
9:	0.051	-0.136
10:	0.229	0.048

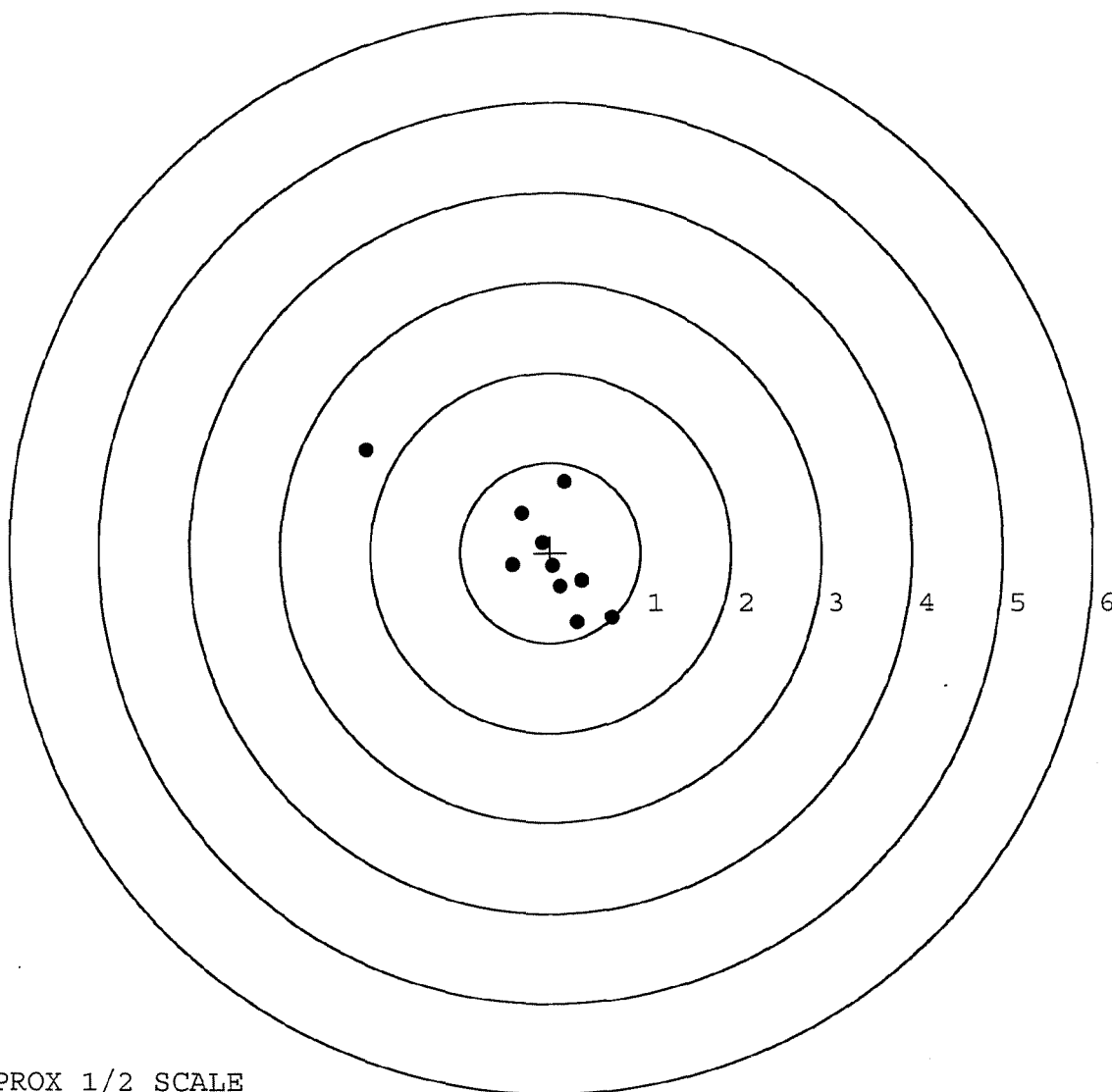


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410250. __0
TARGET NUMBER: 4
FILE DATE: 10/04/2004
FILE TIME: 08:04

POINT#	X	Y
1:	0.691	-0.717
2:	0.304	-0.779
3:	-0.426	-0.143
4:	-0.322	0.427
5:	0.157	0.786
6:	-2.046	1.146
7:	0.353	-0.315
8:	0.108	-0.375
9:	-0.093	0.111
10:	0.026	-0.152

X CENTROID: -0.125
Y CENTROID: -0.001
POA TO CENTROID: 0.125
HORZ SPREAD: 2.737
VERT SPREAD: 1.925
GROUP SPREAD: 3.311
MIN RADIUS: 0.117
MAX RADIUS: 2.238
MEAN RADIUS: 0.719
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6410250. 0

TARGET NUMBER: 5

FILE DATE: 10/04/2004

FILE TIME: 08:04

X CENTROID: -0.072

Y CENTROID: 0.094

POA TO CENTROID: 0.118

HORZ SPREAD: 2.101

VERT SPREAD: 2.269

GROUP SPREAD: 2.649

MIN RADIUS: 0.320

MAX RADIUS: 1.684

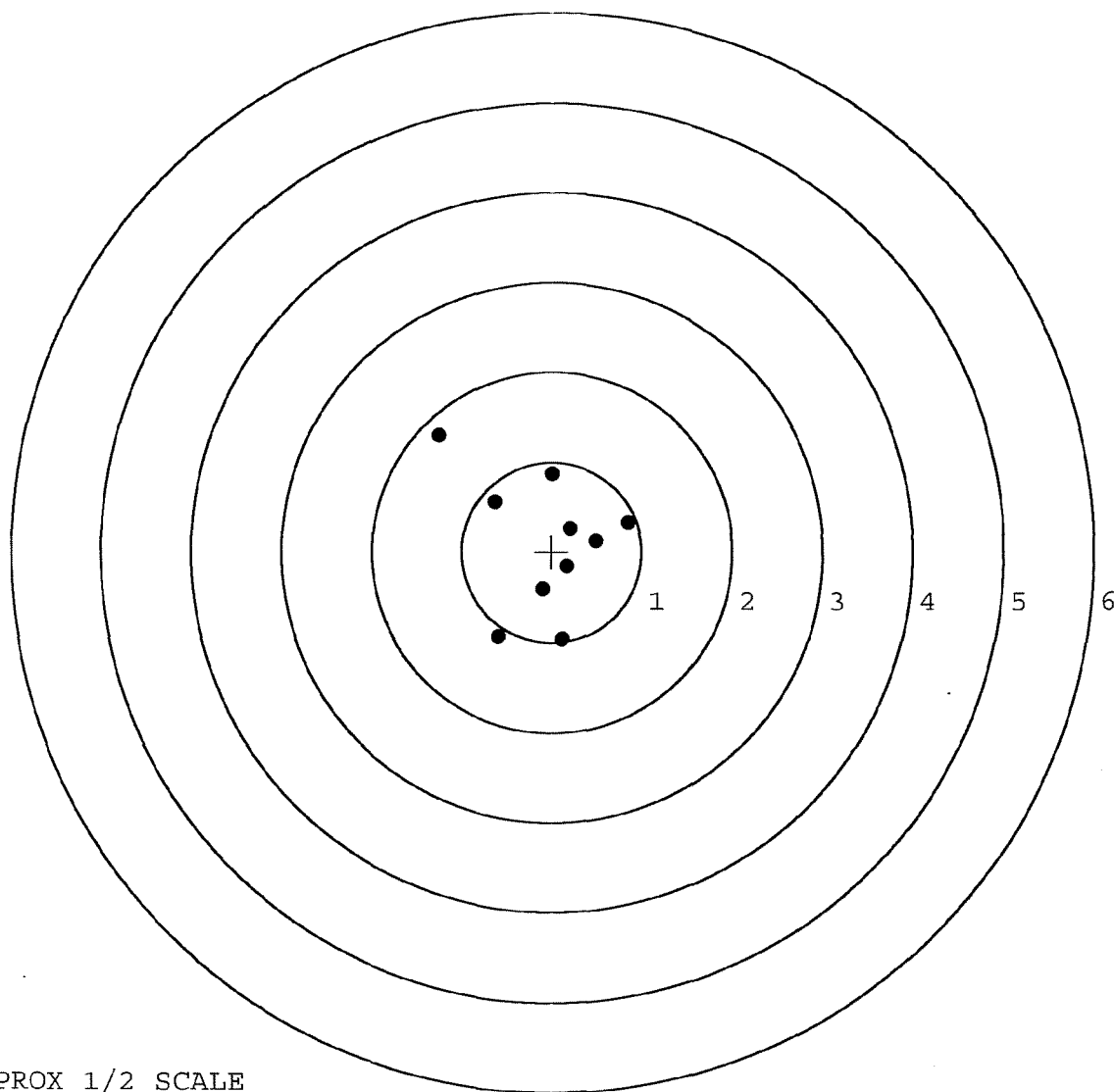
MEAN RADIUS: 0.814

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.119	-0.970
2:	-0.103	-0.423
3:	-0.595	-0.937
4:	0.853	0.325
5:	0.010	0.872
6:	-0.628	0.561
7:	-1.248	1.299
8:	0.204	0.255
9:	0.497	0.121
10:	0.167	-0.167



TARGET APPROX 1/2 SCALE