

G 6414343

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

G6414343

UPC



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTI
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SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # 66414343

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		10-19-04	RTZ
600	PROOF			
607	CHECK HEADSPACE		MAGNA-FLUX INSPECTED	
610	DIS-ASSEMBLE GUN		10-19-04	
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		OPERATOR	
615	ROLLMARK CALIBER		10-27-04	13
617	DRILL AND TAP SIGHT HOLES		10-22-04	TRW
620	APPLY COATINGS (BARREL ACTION)		10/30	HP
	(BOLT)			
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		11-9-04	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-9-04	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-9-04	DA
	D) OIL FIRING PIN ASSEMBLY		11-9-04	RTZ
	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	5.8	4.5	4.3	1-18-05	DA		
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	2.2	2.0	2.0	1-18-05	D.A.		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	.024	.024	.024	1-18-05	D.A.		
	J) ASSEMBLE STOCK					11-9-04	RTL		
	K) ASSEMBLE SWIVEL STUDS					1-18-05	RTL		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		N.A						
	M) IRON SIGHT ALIGNMENT								
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER								
640	GALLERY TEST AND TARGET		PASS	FAIL		11-10-04	L		
	MALFUNCTION	C Hooverhoe	CORRECTION	OK		12-17-04	TRW		
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
645	INSPECT FOR LIVE AMMO					11-10-04	AC		
655	FINAL INSPECTION A) HEADSPACE					1-18-05	RR		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.63	2.57	2.72	2.75	2.77	1-18-05	DA
	C) FUNCTION							1-18-05	RTL
660	PACK							1-19-05	DA.

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

BARBER - M24 0150630

SERIAL NO.

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

7-1-04

TESTER

TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.31	2.70		2.11	
PULL #2	2.80	2.86		2.27	
PULL #3	2.67	2.70		2.27	
PULL #4	2.44	2.85		2.33	
PULL #5	2.41	2.79		2.23	
TOTAL	12.63	13.90		11.21	
AVERAGE	2.52	2.78		2.24	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.23	3.12		
PULL #2	3.31	3.05		
PULL #3	3.33	3.05		
PULL #4	3.26	3.20		
PULL #5	3.36	3.08		
TOTAL	16.49	15.50		
AVERAGE	3.29	3.10		

	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	4.27	4.10		4.12
PULL #2	4.28	4.13		4.39
PULL #3	4.31	4.08		4.23
PULL #4	4.20	4.15		4.26
PULL #5	4.16	4.27		4.40
TOTAL	21.22	20.73		21.40
AVERAGE	4.24	4.14		4.28

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414343.__1
FILE DATE AND TIME: 09/28/2005 11:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.139
The Average Y Centroid of the Five Target Set:	-0.363
The Average Point of Impact of the Five Target Set:	0.389
The Average Mean Radius of the Five Target Set:	1.162
The Distance from POA to Centroid Target #1:	0.245
The Distance from Centroid Target #2 to Centroid Target #1:	0.453
The Distance from Centroid Target #3 to Centroid Target #1:	0.457
The Distance from Centroid Target #4 to Centroid Target #1:	0.407
The Distance from Centroid Target #5 to Centroid Target #1:	0.302

SERIAL NUMBER: G6414343. __1

TARGET NUMBER: 1

FILE DATE: 09/28/2005

FILE TIME: 11:38

X CENTROID: 0.063

Y CENTROID: -0.237

POA TO CENTROID: 0.245

HORZ SPREAD: 3.422

VERT SPREAD: 2.113

GROUP SPREAD: 3.459

MIN RADIUS: 0.372

MAX RADIUS: 2.274

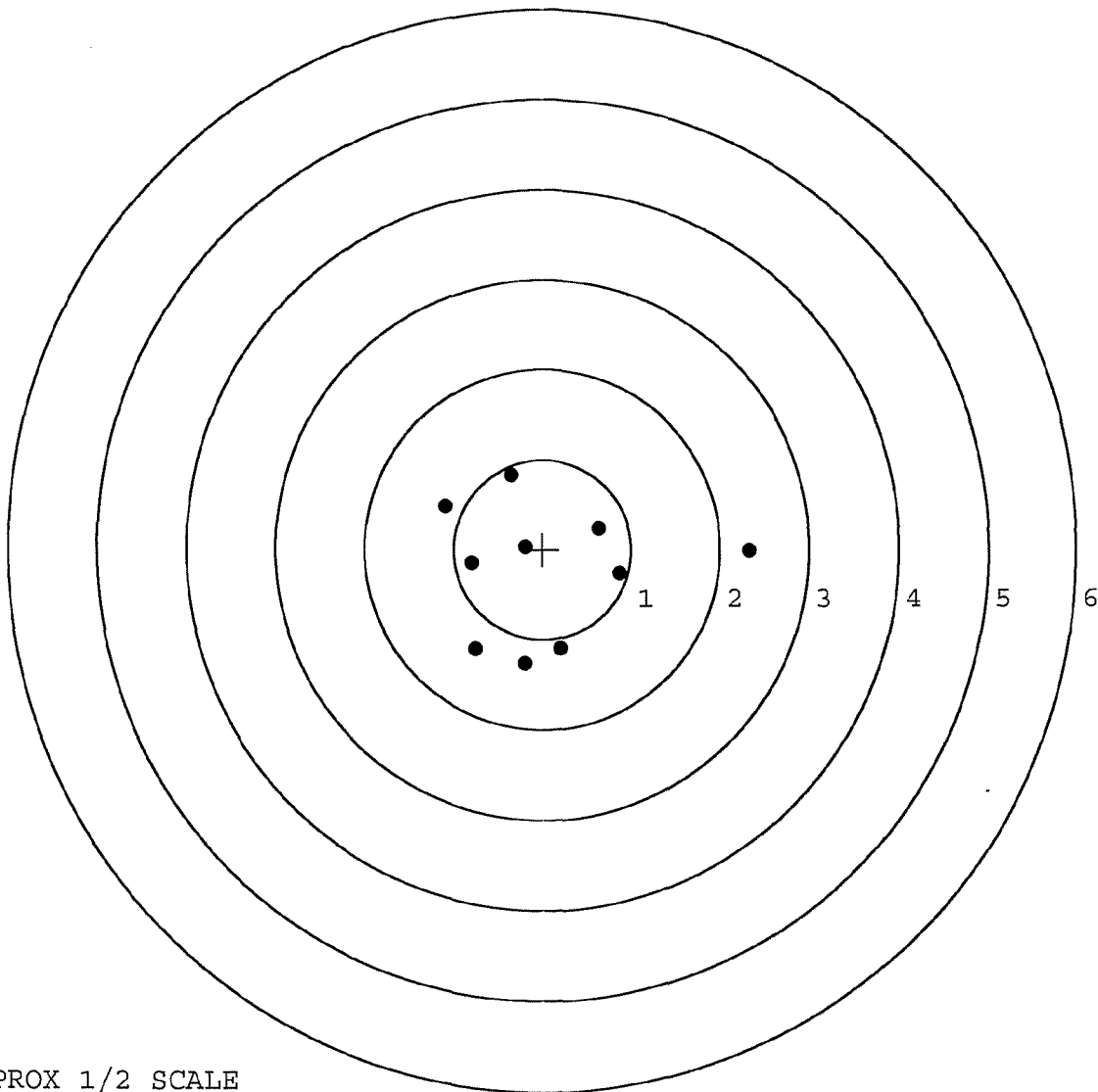
MEAN RADIUS: 1.073

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	2.327	-0.025
2:	0.206	-1.109
3:	-0.201	-1.280
4:	-0.757	-1.111
5:	0.869	-0.273
6:	0.635	0.238
7:	-0.197	0.029
8:	-0.799	-0.150
9:	-1.095	0.482
10:	-0.358	0.833



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414343. __1

TARGET NUMBER: 2

FILE DATE: 09/28/2005

FILE TIME: 11:38

X CENTROID: 0.160

Y CENTROID: 0.206

POA TO CENTROID: 0.261

HORZ SPREAD: 2.768

VERT SPREAD: 3.218

GROUP SPREAD: 3.292

MIN RADIUS: 0.148

MAX RADIUS: 1.856

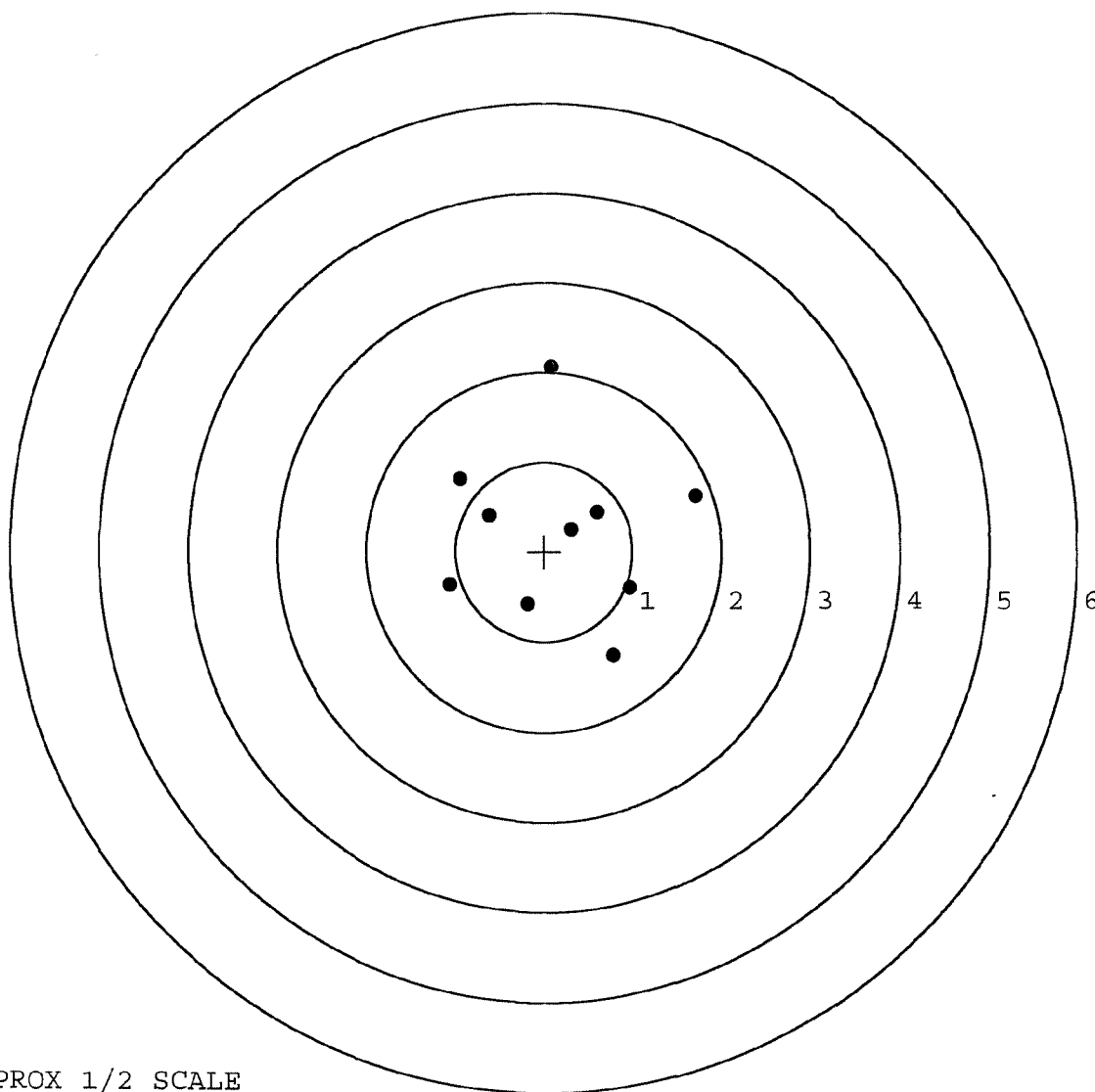
MEAN RADIUS: 1.092

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.708	0.624
2:	0.080	2.060
3:	0.599	0.441
4:	0.301	0.253
5:	0.970	-0.412
6:	0.776	-1.158
7:	-0.192	-0.591
8:	-1.060	-0.374
9:	-0.625	0.400
10:	-0.953	0.812

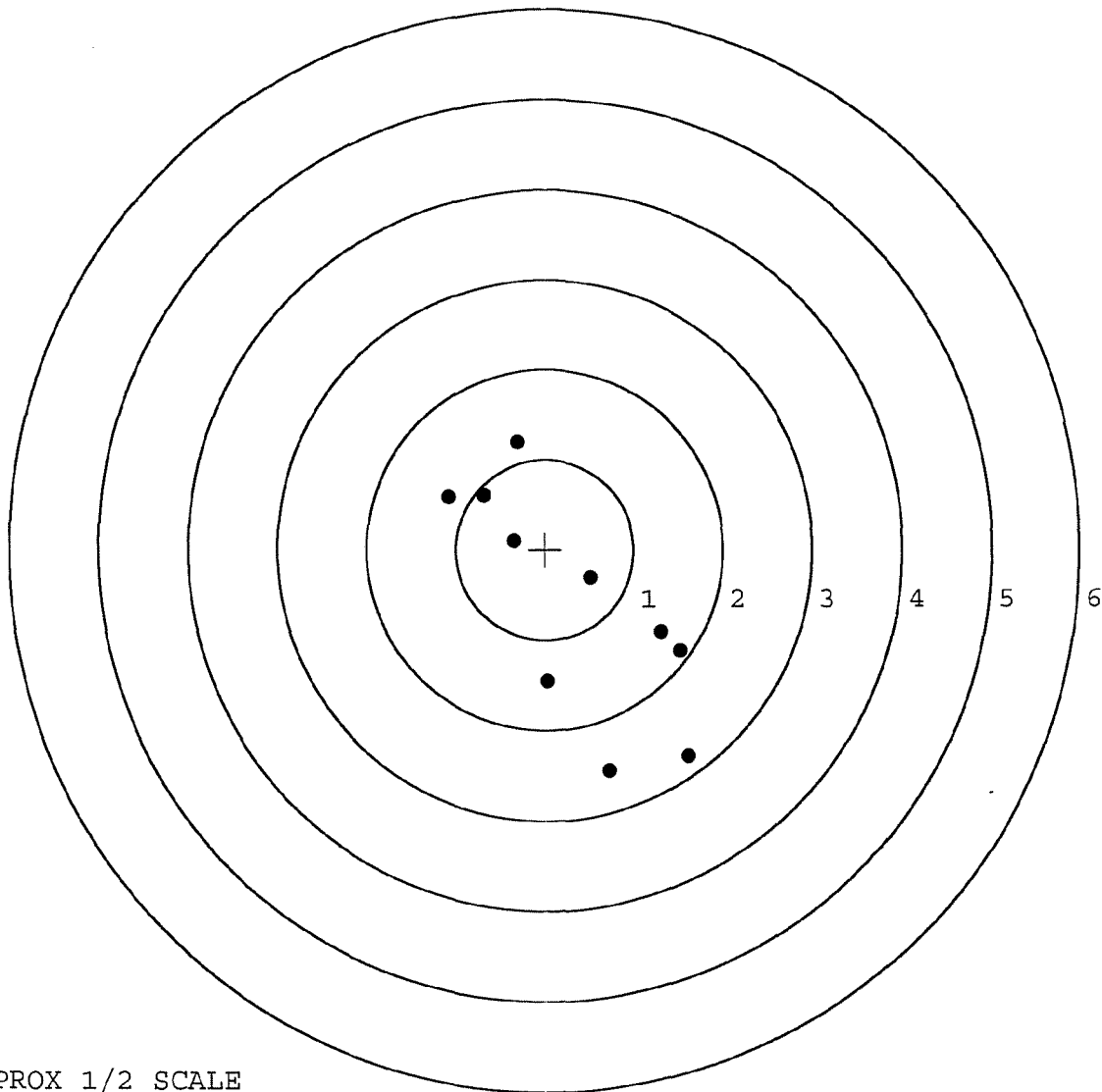


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414343. _1
 TARGET NUMBER: 3
 FILE DATE: 09/28/2005
 FILE TIME: 11:38

X CENTROID: 0.327
 Y CENTROID: -0.609
 POA TO CENTROID: 0.691
 HORZ SPREAD: 2.696
 VERT SPREAD: 3.641
 GROUP SPREAD: 3.976
 MIN RADIUS: 0.352
 MAX RADIUS: 2.118
 MEAN RADIUS: 1.392
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 5

POINT#	X	Y
1:	1.525	-1.128
2:	1.614	-2.291
3:	0.722	-2.453
4:	1.305	-0.921
5:	0.021	-1.469
6:	0.511	-0.309
7:	-0.348	0.095
8:	-0.687	0.612
9:	-1.082	0.585
10:	-0.310	1.188



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414343. 1

TARGET NUMBER: 4

FILE DATE: 09/28/2005

FILE TIME: 11:38

X CENTROID: 0.019

Y CENTROID: -0.641

POA TO CENTROID: 0.642

HORZ SPREAD: 1.755

VERT SPREAD: 4.351

GROUP SPREAD: 4.480

MIN RADIUS: 0.628

MAX RADIUS: 2.460

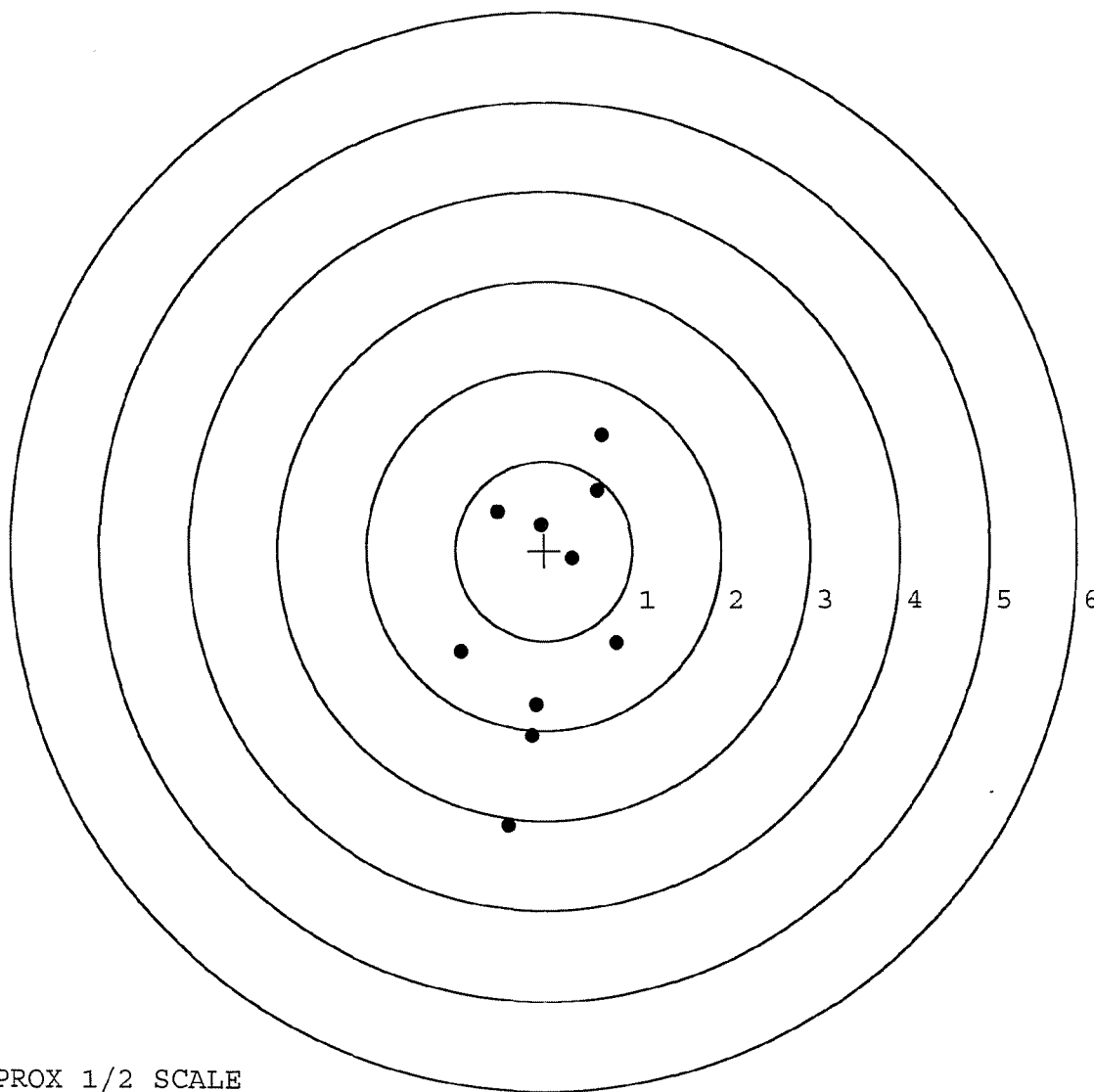
MEAN RADIUS: 1.316

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.809	-1.033
2:	-0.094	-1.714
3:	-0.146	-2.065
4:	-0.415	-3.063
5:	-0.946	-1.127
6:	0.319	-0.090
7:	-0.044	0.288
8:	-0.534	0.431
9:	0.595	0.670
10:	0.651	1.288



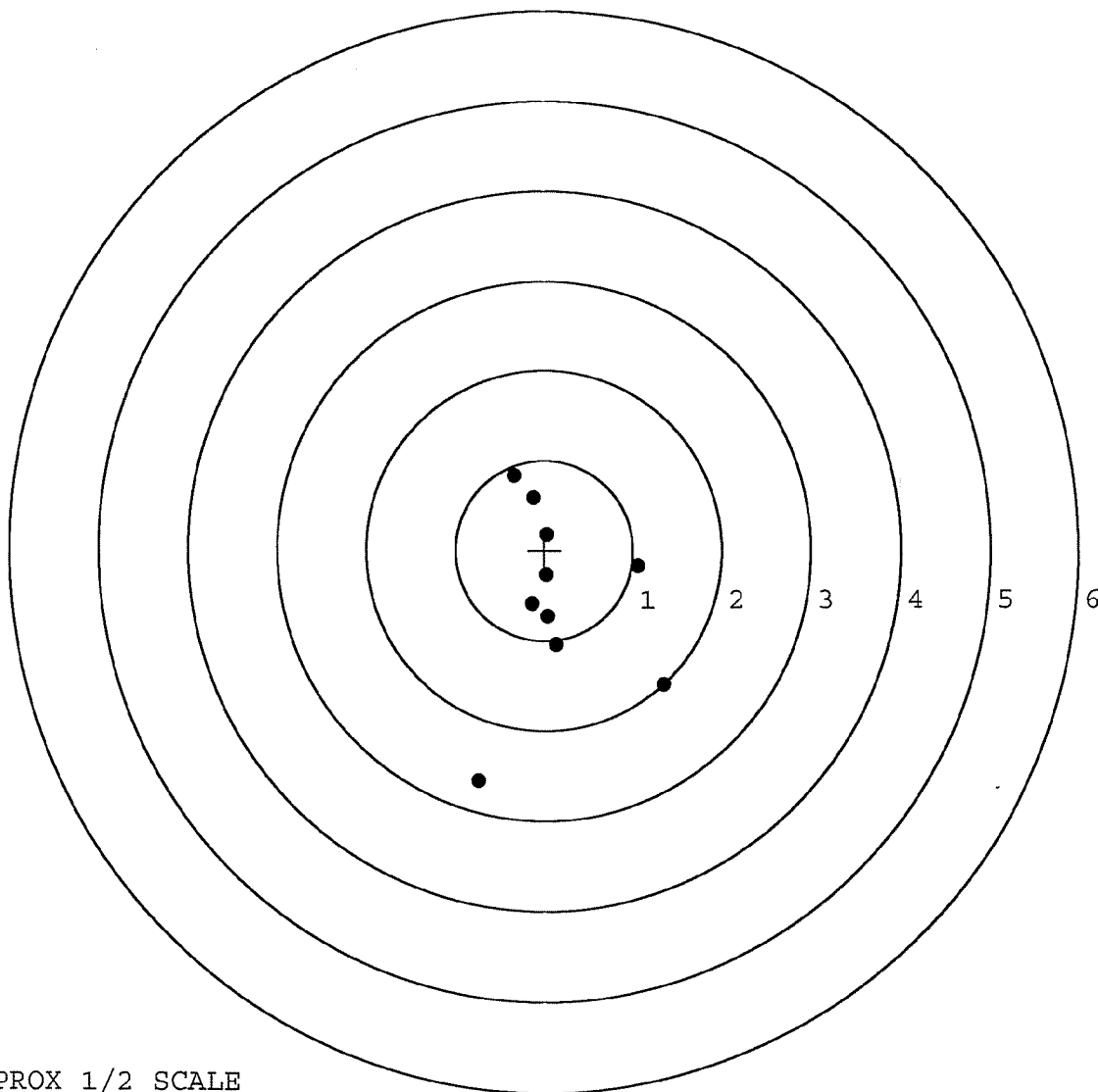
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414343. 1
 TARGET NUMBER: 5
 FILE DATE: 09/28/2005
 FILE TIME: 11:38

X CENTROID: 0.127
 Y CENTROID: -0.532
 POA TO CENTROID: 0.547
 HORZ SPREAD: 2.085
 VERT SPREAD: 3.396
 GROUP SPREAD: 3.419
 MIN RADIUS: 0.223
 MAX RADIUS: 2.212
 MEAN RADIUS: 0.935

POINT#	X	Y
1:	1.342	-1.499
2:	1.059	-0.182
3:	-0.743	-2.566
4:	0.129	-1.049
5:	0.037	-0.736
6:	-0.146	-0.597
7:	0.024	-0.280
8:	0.032	0.179
9:	-0.124	0.581
10:	-0.344	0.830

IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE