

G 6414415

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



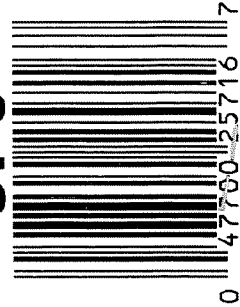
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6414415

UPC



ORDER 25716

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

UPC



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

UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G641 4415

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		10-19-04	RTZ
600	PROOF			
607	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT			
615	ROLLMARK CALIBER		10/27/04	X3
617	DRILL AND TAP SIGHT HOLES		10-22-04	TPL
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		11-19-04	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	<u>5.5</u>	<u>5.5</u>	<u>5.5</u>	12/1/04	DA		
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.2</u>	<u>2.2</u>	<u>2.2</u>	12/1/04	DA		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>1022</u>	<u>1023</u>	<u>1023</u>	12/1/04	DA		
	J) ASSEMBLE STOCK					11-29-04	TRW		
	K) ASSEMBLE SWIVEL STUDS					12-3-04	AC		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					NA			
	M) IRON SIGHT ALIGNMENT								
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER								
640	GALLERY TEST AND TARGET		PASS	FAIL		11-29-04	TRW		
	MALFUNCTION		CORRECTION			11-29-04	TRW		
	MALFUNCTION		CORRECTION	NA		11-29-04	TRW		
	MALFUNCTION		CORRECTION			11-29-04	TRW		
	MALFUNCTION		CORRECTION			11-29-04	TRW		
645	INSPECT FOR LIVE AMMO					11-29-04	TRW		
655	FINAL INSPECTION A) HEADSPACE					12-3-04	AC		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.88</u>	<u>2.88</u>	<u>2.87</u>	<u>2.85</u>	<u>2.83</u>	12/1/04	DA
	C) FUNCTION					12-3-04	AC		
660	PACK					12/6/04	DA		

AVERAGE PULL FORCE BETWEEN
INITIAL & RESET
BARBER M24 0151985
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 11-16-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.10	2.05		2.20	
PULL #2	2.43	2.21		2.21	
PULL #3	2.60	2.07		2.24	
PULL #4	2.66	2.08		2.24	
PULL #5	2.58	2.15		2.29	
TOTAL	12.37	10.56		11.18	
AVERAGE	2.47	2.11		2.23	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.08		
PULL #2	3.13	3.02		
PULL #3	3.19	3.01		
PULL #4	3.14	3.02		
PULL #5	3.11	2.97		
TOTAL	15.77	15.10		
AVERAGE	3.15	3.02		

	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	4.35	4.21		4.50
PULL #2	4.19	4.15		4.56
PULL #3	4.36	4.13		4.55
PULL #4	4.32	4.11		4.51
PULL #5	4.27	4.27		4.56
TOTAL	21.49	20.87		22.68
AVERAGE	4.29	4.17		4.53

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414415.__1
FILE DATE AND TIME: 10/10/2005 18:23

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	0.000
The Average Point of Impact of the Five Target Set:	0.052
The Average Mean Radius of the Five Target Set:	0.764
The Distance from POA to Centroid Target #1:	0.180
The Distance from Centroid Target #2 to Centroid Target #1:	0.363
The Distance from Centroid Target #3 to Centroid Target #1:	0.165
The Distance from Centroid Target #4 to Centroid Target #1:	0.131
The Distance from Centroid Target #5 to Centroid Target #1:	0.405

SERIAL NUMBER: G6414415. __1

TARGET NUMBER: 1

FILE DATE: 10/10/2005

FILE TIME: 18:23

X CENTROID: 0.063

Y CENTROID: 0.169

POA TO CENTROID: 0.180

HORZ SPREAD: 2.043

VERT SPREAD: 1.679

GROUP SPREAD: 2.340

MIN RADIUS: 0.096

MAX RADIUS: 1.352

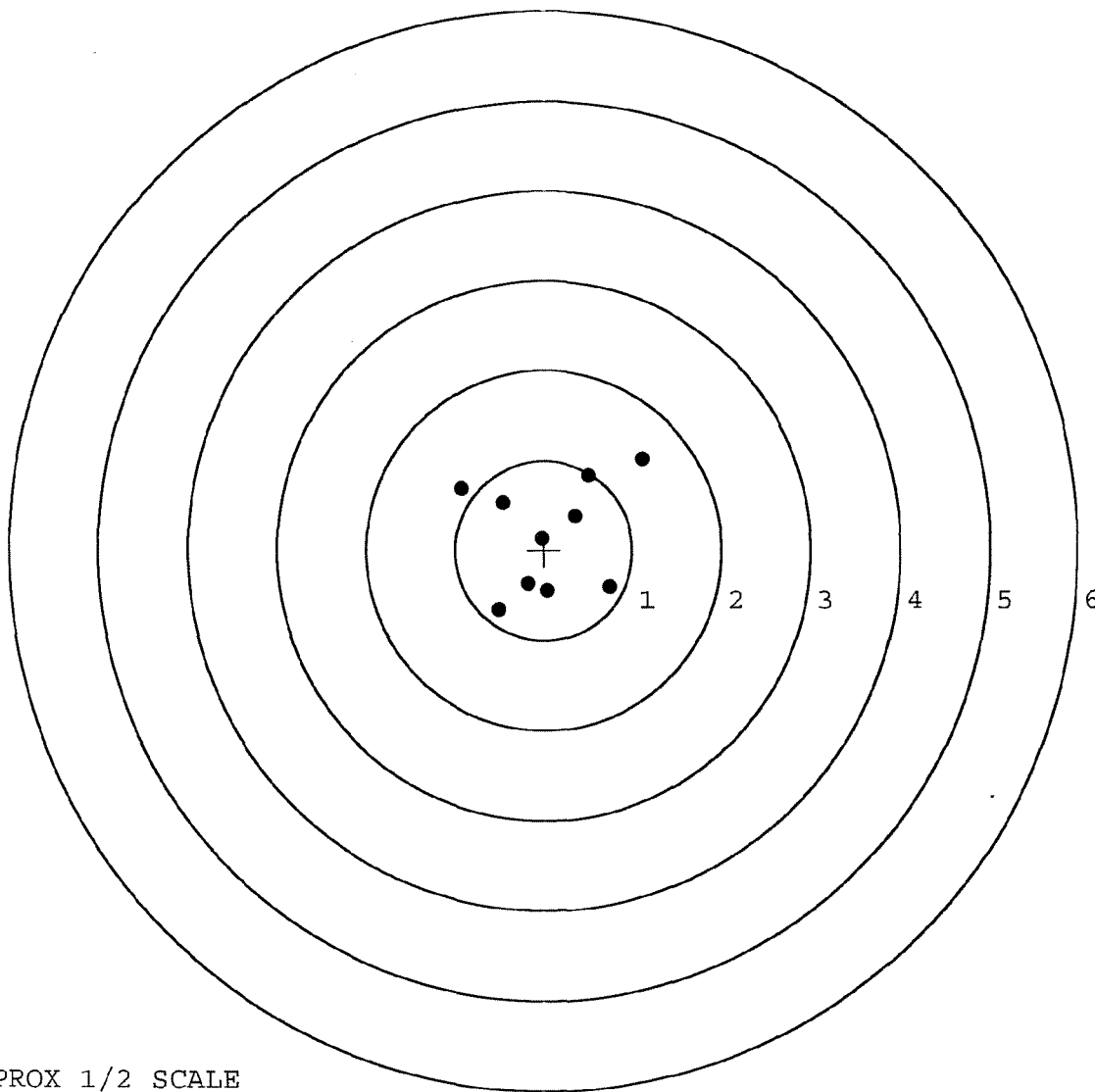
MEAN RADIUS: 0.749

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.927	0.688
2:	-0.467	0.533
3:	0.500	0.839
4:	1.116	1.017
5:	0.349	0.382
6:	-0.026	0.132
7:	-0.514	-0.662
8:	-0.185	-0.376
9:	0.035	-0.455
10:	0.745	-0.408



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414415. __ 1

TARGET NUMBER: 2

FILE DATE: 10/10/2005

FILE TIME: 18:23

X CENTROID: -0.064

Y CENTROID: -0.171

POA TO CENTROID: 0.183

HORZ SPREAD: 1.964

VERT SPREAD: 2.354

GROUP SPREAD: 2.374

MIN RADIUS: 0.549

MAX RADIUS: 1.350

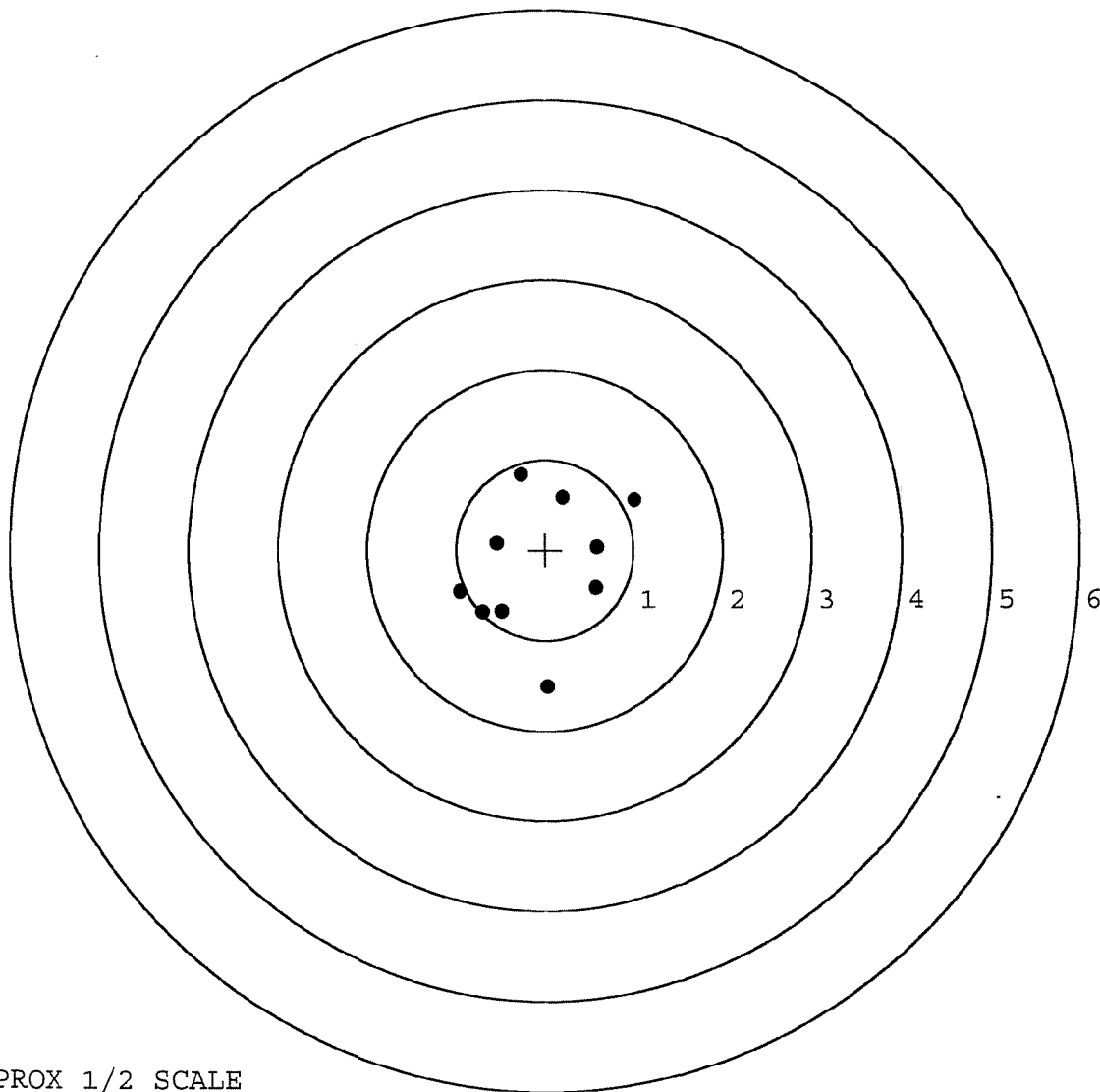
MEAN RADIUS: 0.883

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.285	0.835
2:	0.193	0.583
3:	1.000	0.559
4:	0.583	0.029
5:	0.571	-0.429
6:	0.020	-1.519
7:	-0.495	-0.685
8:	-0.708	-0.693
9:	-0.964	-0.472
10:	-0.552	0.080



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414415. __1

TARGET NUMBER: 3

FILE DATE: 10/10/2005

FILE TIME: 18:23

X CENTROID: -0.010

Y CENTROID: 0.020

POA TO CENTROID: 0.023

HORZ SPREAD: 1.434

VERT SPREAD: 2.327

GROUP SPREAD: 2.377

MIN RADIUS: 0.137

MAX RADIUS: 1.314

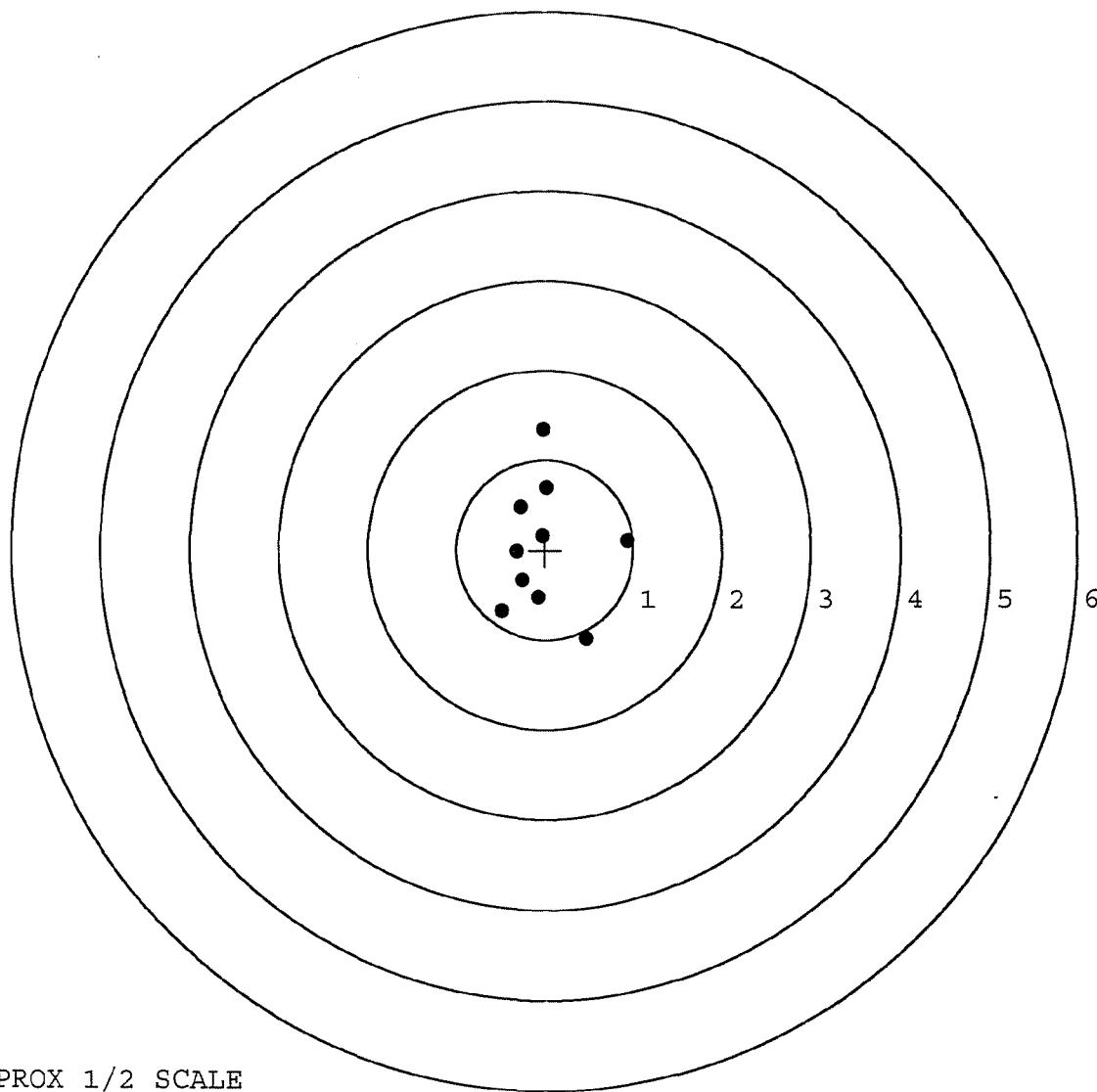
MEAN RADIUS: 0.689

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.030	0.156
2:	0.018	0.693
3:	-0.285	0.478
4:	-0.025	1.334
5:	0.935	0.105
6:	0.462	-0.993
7:	-0.499	-0.681
8:	-0.082	-0.530
9:	-0.326	-0.020
10:	-0.266	-0.338



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414415. 1

TARGET NUMBER: 4

FILE DATE: 10/10/2005

FILE TIME: 18:23

X CENTROID: -0.063

Y CENTROID: 0.132

POA TO CENTROID: 0.146

HORZ SPREAD: 1.484

VERT SPREAD: 1.775

GROUP SPREAD: 1.586

MIN RADIUS: 0.223

MAX RADIUS: 0.950

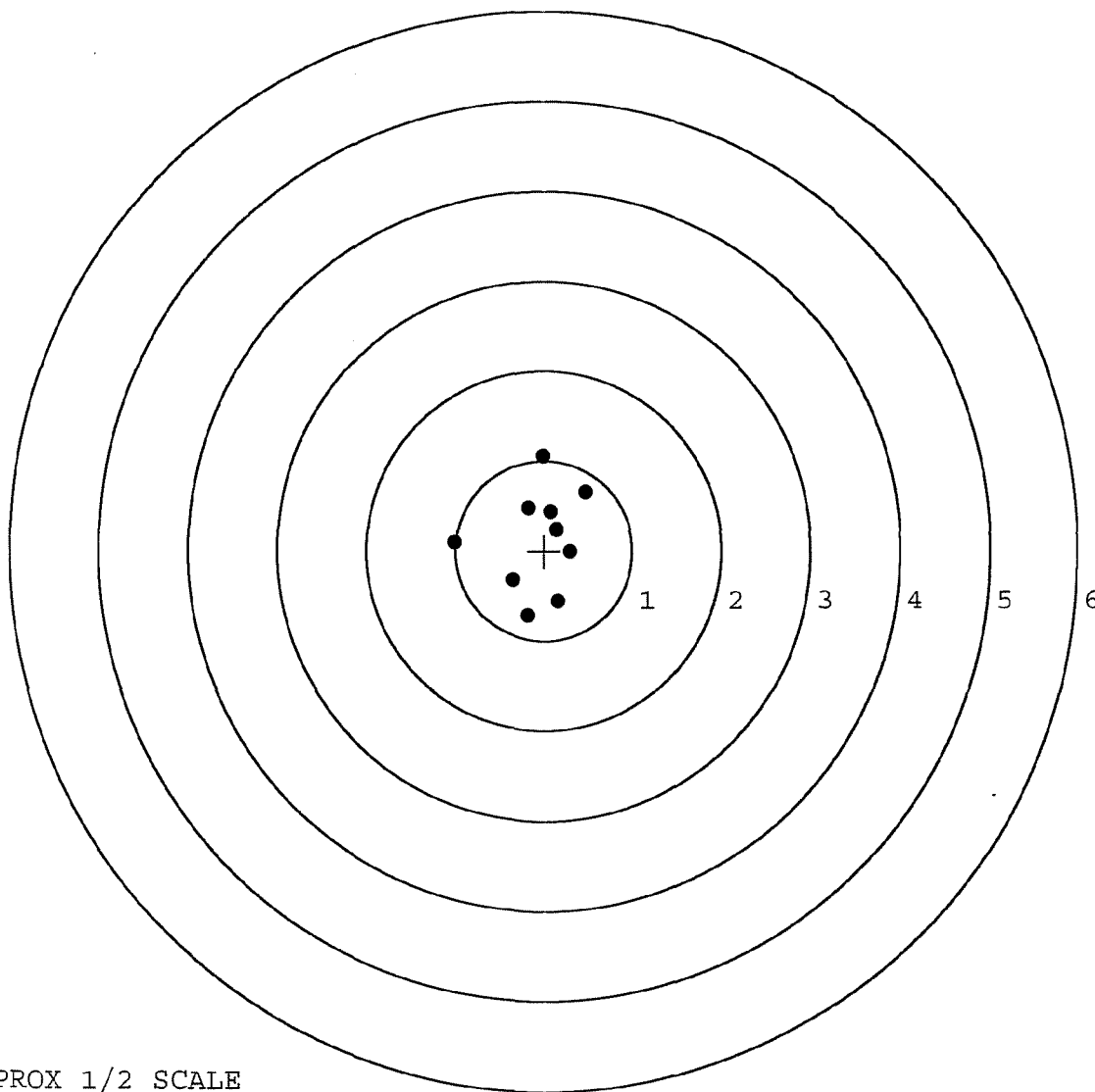
MEAN RADIUS: 0.606

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.018	1.050
2:	-0.182	0.480
3:	0.472	0.653
4:	0.069	0.434
5:	0.134	0.236
6:	0.296	-0.008
7:	0.155	-0.562
8:	-0.189	-0.725
9:	-0.355	-0.330
10:	-1.012	0.094



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414415. __1

TARGET NUMBER: 5

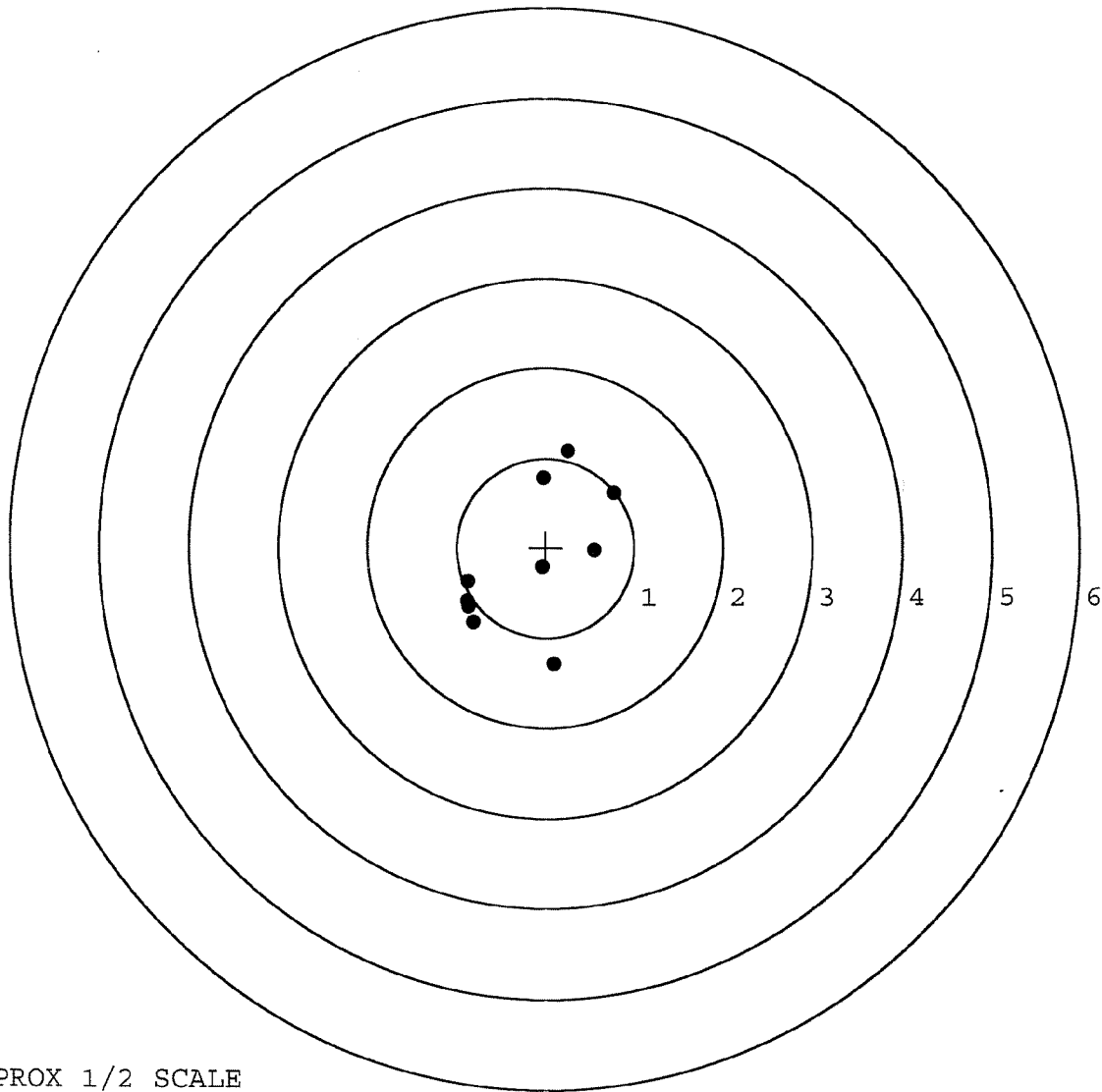
FILE DATE: 10/10/2005

FILE TIME: 18:23

X CENTROID: -0.185
 Y CENTROID: -0.151
 POA TO CENTROID: 0.239
 HORZ SPREAD: 1.655
 VERT SPREAD: 2.382
 GROUP SPREAD: 2.387
 MIN RADIUS: 0.158
 MAX RADIUS: 1.311
 MEAN RADIUS: 0.890

IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.875	-0.379
2:	-0.882	-0.594
3:	-0.814	-0.832
4:	-0.041	-0.216
5:	0.089	-1.296
6:	0.552	-0.027
7:	0.773	0.619
8:	0.249	1.086
9:	-0.031	0.783
10:	-0.871	-0.658



TARGET APPROX 1/2 SCALE