

G6414352

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



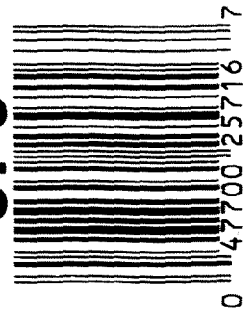
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6414352

UPC



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: SWS10-15-1



.ABSWS10-15-1

Start Date: 10/22/2004

Finish Date: 12/27/2004

0540

01PC001

Flat Black Powder Coat, Barrel and



0003517903

0560

89SWS1

Reassemble Action.



0003517904

0690

89SWS1

Pack Rifle



0003517897

0700

89SWS1

Stencil SWS Container



.OP0700

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6414352

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		10-19-04	RTZ
600	PROOF			
607	CHECK HEADSPACE		INSPECTED	
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		OPERATOR	
615	ROLLMARK CALIBER		10/27/04	LB
617	DRILL AND TAP SIGHT HOLES		10-22-04	TR/L
620	APPLY COATINGS (BARREL ACTION)		10/30	HP
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		11-9-04	RA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		11-9-04	RA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		11-9-04	RA
	D) OIL FIRING PIN ASSEMBLY		11-9-04	LR
	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>7.0</u>	<u>7.0</u>	<u>6.5</u>	11/16/04	DA		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	11/16/04	DA		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>.024</u>	<u>.023</u>	<u>.023</u>	11/16/04	DA		
	J) ASSEMBLE STOCK					11-9-04	RTL		
	K) ASSEMBLE SWIVEL STUDS					11-29-04	RR		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					11-29-04	RR		
	M) IRON SIGHT ALIGNMENT					11-29-04	RR		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					11-29-04	RTL		
640	GALLERY TEST AND TARGET		PASS FAIL			11-15-04	✓		
	MALFUNCTION		CORRECTION			NA			
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
645	INSPECT FOR LIVE AMMO					11-15-04	✓		
655	FINAL INSPECTION A) HEADSPACE					11-29-04	RR		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.47</u>	<u>2.76</u>	<u>2.70</u>	<u>2.78</u>	<u>2.80</u>	11/16/04	DA
	C) FUNCTION					11-29-04	RR		
660	PACK					11/29/04	DA		

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414352.___0
FILE DATE AND TIME: 11/15/2004 10:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.091
The Average Y Centroid of the Five Target Set:	0.073
The Average Point of Impact of the Five Target Set:	0.117
The Average Mean Radius of the Five Target Set:	0.825
The Distance from POA to Centroid Target #1:	0.363
The Distance from Centroid Target #2 to Centroid Target #1:	0.472
The Distance from Centroid Target #3 to Centroid Target #1:	0.432
The Distance from Centroid Target #4 to Centroid Target #1:	0.440
The Distance from Centroid Target #5 to Centroid Target #1:	0.267

SERIAL NUMBER: G6414352. __0

TARGET NUMBER: 1

FILE DATE: 11/15/2004

FILE TIME: 10:52

X CENTROID: -0.363

Y CENTROID: -0.001

POA TO CENTROID: 0.363

HORZ SPREAD: 2.496

VERT SPREAD: 2.248

GROUP SPREAD: 2.647

MIN RADIUS: 0.255

MAX RADIUS: 1.590

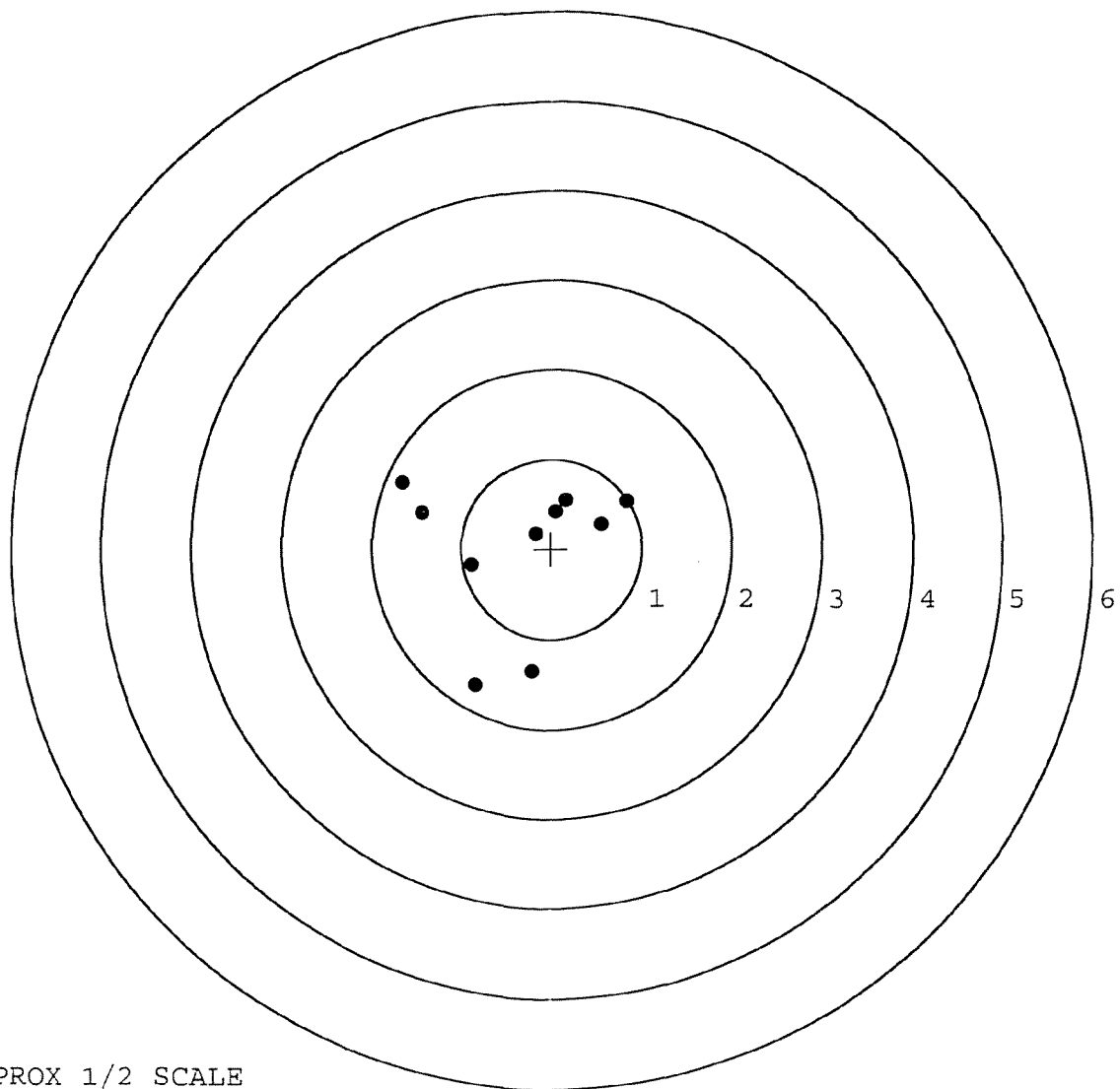
MEAN RADIUS: 1.002

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.833	0.531
2:	0.552	0.273
3:	0.162	0.544
4:	0.048	0.417
5:	-0.175	0.170
6:	-1.663	0.731
7:	-1.446	0.387
8:	-0.886	-0.189
9:	-0.215	-1.359
10:	-0.844	-1.517



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414352. __0

TARGET NUMBER: 2

FILE DATE: 11/15/2004

FILE TIME: 10:52

X CENTROID: 0.087

Y CENTROID: 0.141

POA TO CENTROID: 0.165

HORZ SPREAD: 1.899

VERT SPREAD: 2.904

GROUP SPREAD: 3.223

MIN RADIUS: 0.426

MAX RADIUS: 1.805

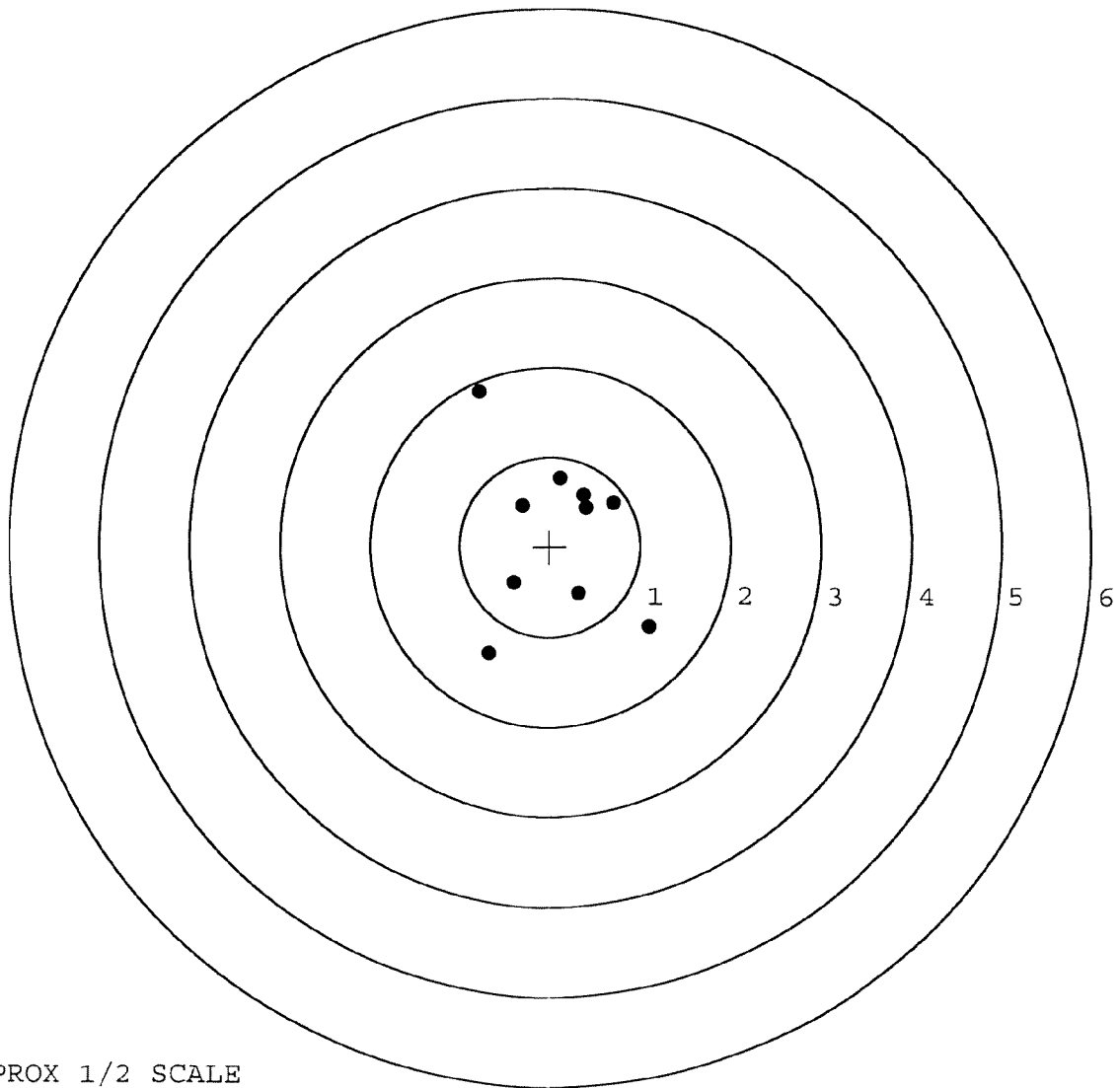
MEAN RADIUS: 0.898

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.115	0.760
2:	0.380	0.567
3:	0.402	0.427
4:	0.703	0.480
5:	1.106	-0.887
6:	0.326	-0.524
7:	-0.673	-1.187
8:	-0.396	-0.402
9:	-0.301	0.454
10:	-0.793	1.717



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414352. __0

TARGET NUMBER: 3

FILE DATE: 11/15/2004

FILE TIME: 10:52

X CENTROID: 0.068

Y CENTROID: -0.032

POA TO CENTROID: 0.075

HORZ SPREAD: 1.616

VERT SPREAD: 1.694

GROUP SPREAD: 1.757

MIN RADIUS: 0.350

MAX RADIUS: 1.051

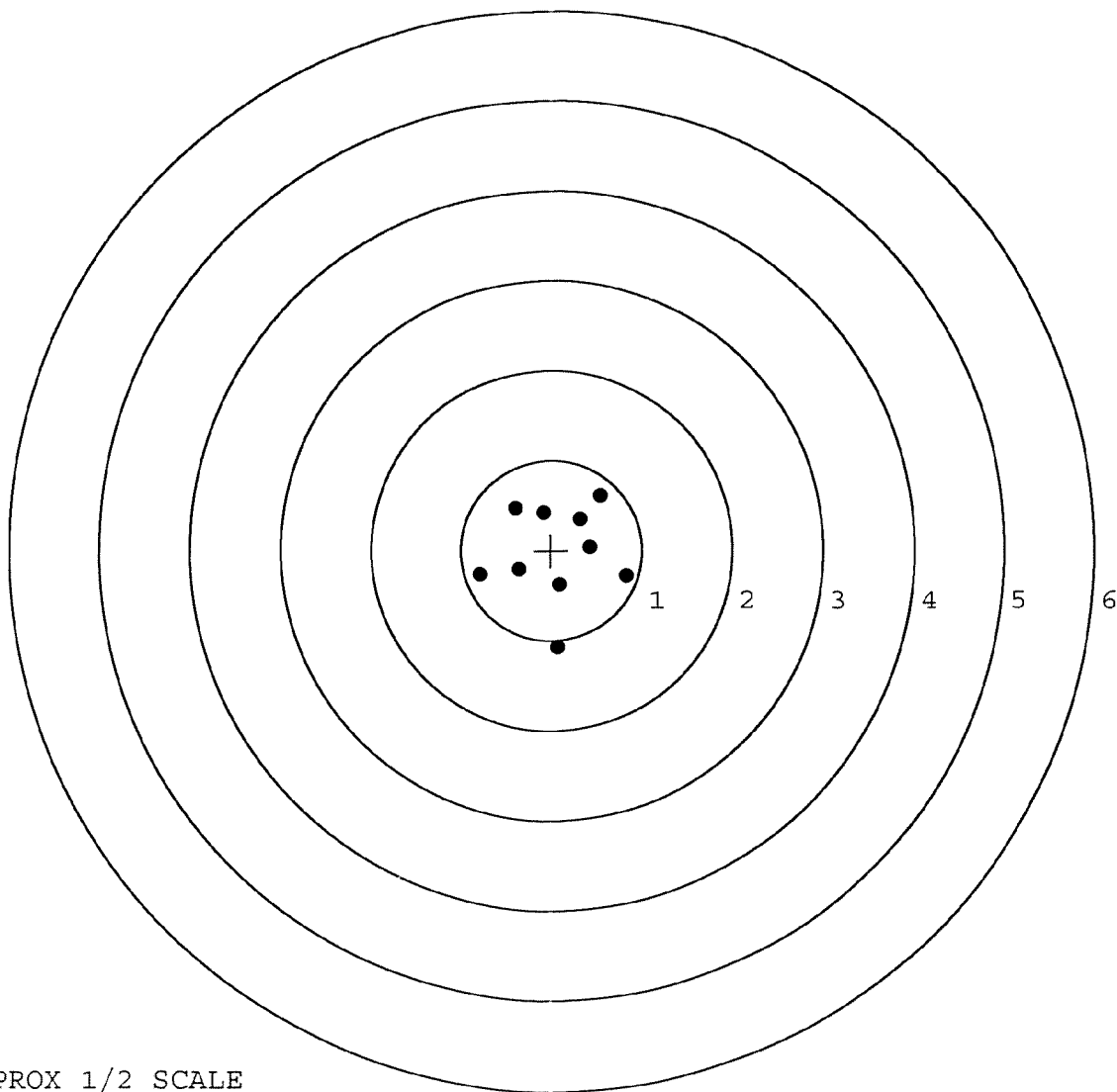
MEAN RADIUS: 0.635

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.541	0.611
2:	0.324	0.352
3:	0.431	0.039
4:	0.827	-0.285
5:	0.076	-1.083
6:	0.098	-0.381
7:	-0.355	-0.208
8:	-0.789	-0.271
9:	-0.397	0.478
10:	-0.080	0.425



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414352. __0

TARGET NUMBER: 4

FILE DATE: 11/15/2004

FILE TIME: 10:52

X CENTROID: -0.127

Y CENTROID: 0.370

POA TO CENTROID: 0.391

HORZ SPREAD: 1.789

VERT SPREAD: 2.473

GROUP SPREAD: 2.953

MIN RADIUS: 0.167

MAX RADIUS: 1.548

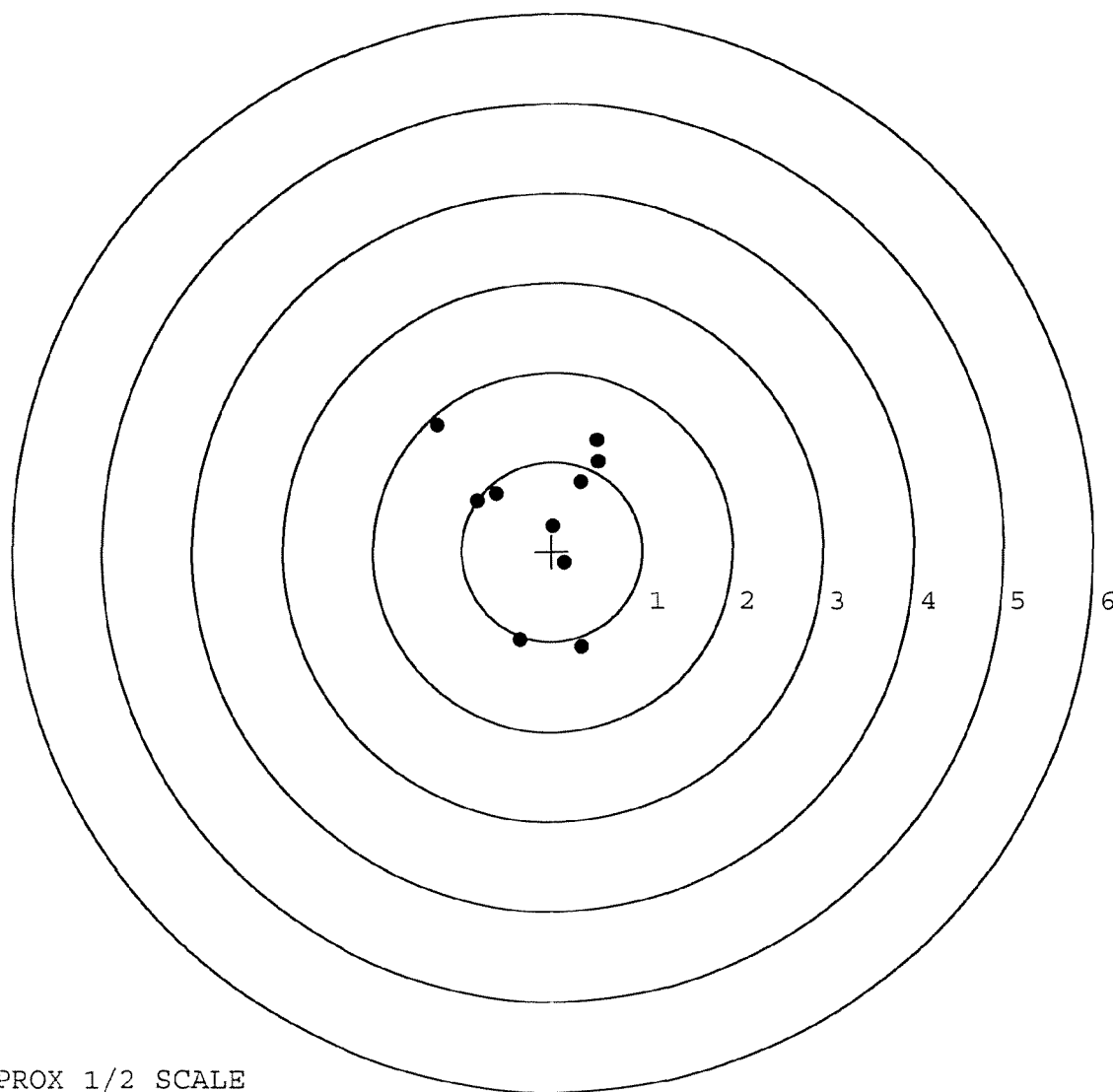
MEAN RADIUS: 0.901

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.495	1.236
2:	0.508	0.996
3:	0.319	0.769
4:	-1.281	1.403
5:	-0.618	0.642
6:	-0.830	0.559
7:	0.013	0.280
8:	0.143	-0.132
9:	-0.354	-0.981
10:	0.332	-1.070



TARGET APPROX 1/2 SCALE

BARBER - M24 0150786

SERIAL NUMBER: G6414352. 0

TARGET NUMBER: 5

FILE DATE: 11/15/2004

FILE TIME: 10:52

POINT#	X	Y
1:	0.095	0.438
2:	-0.376	0.354
3:	-0.274	0.051
4:	-0.387	-0.387
5:	-0.841	-0.488
6:	-0.994	-0.829
7:	0.249	-0.412
8:	0.780	-0.650
9:	0.897	0.915
10:	-0.352	-0.117

X CENTROID: -0.120

Y CENTROID: -0.112

POA TO CENTROID: 0.165

HORZ SPREAD: 1.891

VERT SPREAD: 1.744

GROUP SPREAD: 2.572

MIN RADIUS: 0.224

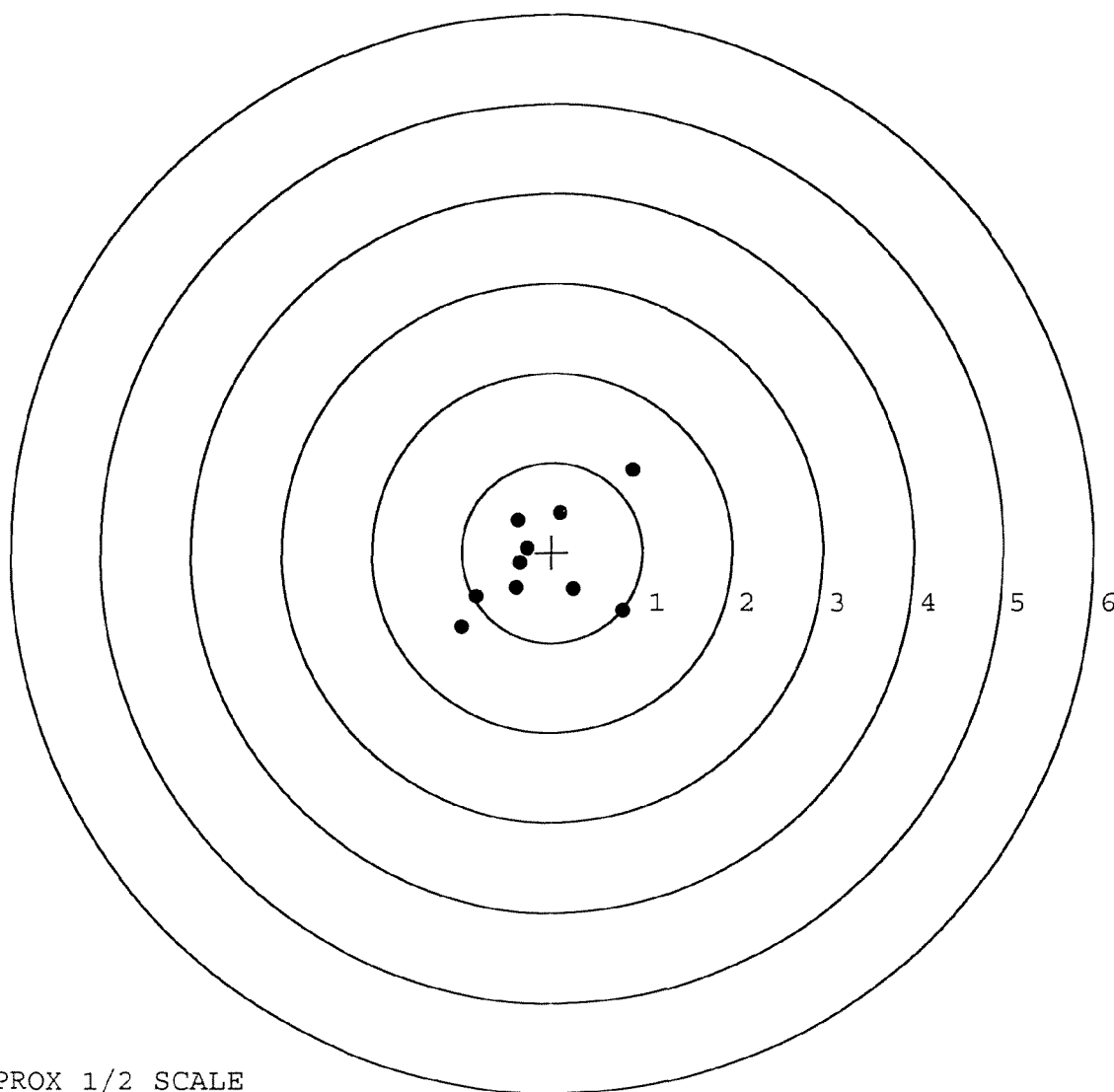
MAX RADIUS: 1.446

MEAN RADIUS: 0.687

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN

SERIAL NO.

IN BARBER - M24 0150787

2.50 LBS (plus or minus 0.50 LBS)

DATE 6-17-04

3.00 LBS (plus or minus 0.75 LBS)

TESTER TRW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.35	2.51		2.67	
PULL #2	2.28	2.45		2.57	
PULL #3	2.32	2.43		2.52	
PULL #4	2.33	2.54		2.47	
PULL #5	2.36	2.45		2.46	
TOTAL	11.64	12.38		12.69	
AVERAGE	2.32	2.47		2.53	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.32		
PULL #2	3.21	3.23		
PULL #3	3.24	3.23		
PULL #4	3.22	3.28		
PULL #5	3.24	3.21		
TOTAL	16.13	16.27		
AVERAGE	3.22	3.25		

	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	4.19	4.09		4.24
PULL #2	4.03	4.09		4.21
PULL #3	3.99	4.07		3.84
PULL #4	4.09	3.96		4.17
PULL #5	4.06	3.94		3.79
TOTAL	20.36	20.15		20.25
AVERAGE	4.07	4.03		4.05