

G 659 8143

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



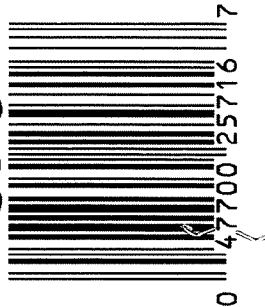
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6590143

UPC



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

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UPC



SERIAL NO.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G 6590143

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		8-24-06	RTZ
420	ASSEMBLE ACTION		8-24-06	RTZ
430	ASSEMBLE TO STOCK		8-24-06	BD
440	PROOF	MAGNA-FLUX	8-24-06	TRW
460	CHECK HEADSPACE	INSPECTED	8-24-06	TRW
470	DIS-ASSEMBLE ACTION	SEP 01 2006		
480	MAGNAFLUX BBL ACTION	OPERATOR <u>unnd</u>	9/1/06	<u>unnd</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		9-1-06	CW
510	DRILL AND TAP SIGHT HOLES		9-1-06	TRW
520	GOFF BLAST BBL / REC		9-5-06	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		9/8/06	<u>TR</u>
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		9-11-06	RLG
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		9-11-06	RLG
	C) INSPECT EJECTOR HOLE FOR CHAMFER		9-11-06	RLG
	D) OIL FIRING PIN ASSEMBLY		9-13-06	RLG
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS			

F004 REV 5/2006

OP #	OPERATION	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>7 lbs</u> <u>7 lbs</u> <u>7 lbs</u>	9-27-06	mm
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>3 lbs</u> <u>3 lbs</u> <u>3 lbs</u>	9-27-06	mm
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT .020 MIN	<u>.020</u> <u>.020</u> <u>.020</u>	9-27-06	mm
	J) ASSEMBLE STOCK		9-13-06	BLG
	K) ASSEMBLE SWIVEL STUDS		10-6-06	L.P.D.
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		9-13-06	BLG
	M) IRON SIGHT ALIGNMENT		9-13-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		9-13-06	BLG
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	9-14-06	TKL
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		9-14-06	BD
670	FINAL INSPECTION A) HEADSPACE		10-6-06	L.P.D.
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.63</u> <u>2.47</u> <u>2.57</u> <u>2.38</u> <u>2.42</u>	9-15-06	DA
	C) FUNCTION		10-6-06	L.P.D.
690	PACK		10-28-06	DA

F004 REV 5/2006

BARBER - M24 0165416AVERAGE 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)

DATE 9-11-06TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.43	2.28		2.56	
PULL #2	2.42	2.64		2.31	
PULL #3	2.52	2.66		2.29	
PULL #4	2.62	2.51		2.33	
PULL #5	2.69	2.34		2.24	
TOTAL	12.68	12.43		11.73	
AVERAGE	2.53	2.48		2.34	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.22	3.09		
PULL #2	3.23	3.30		
PULL #3	3.21	3.06		
PULL #4	3.23	3.25		
PULL #5	3.11	3.21		
TOTAL	16.00	15.91		
AVERAGE	3.20	3.18		

	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	4.07	3.72		4.23
PULL #2	3.98	3.79		4.15
PULL #3	4.08	3.78		4.13
PULL #4	4.01	3.80		4.13
PULL #5	3.95	3.86		4.10
TOTAL	20.09	18.95		20.74
AVERAGE	4.01	3.79		4.14

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590143.___0
FILE DATE AND TIME: 09/15/2006 01:53

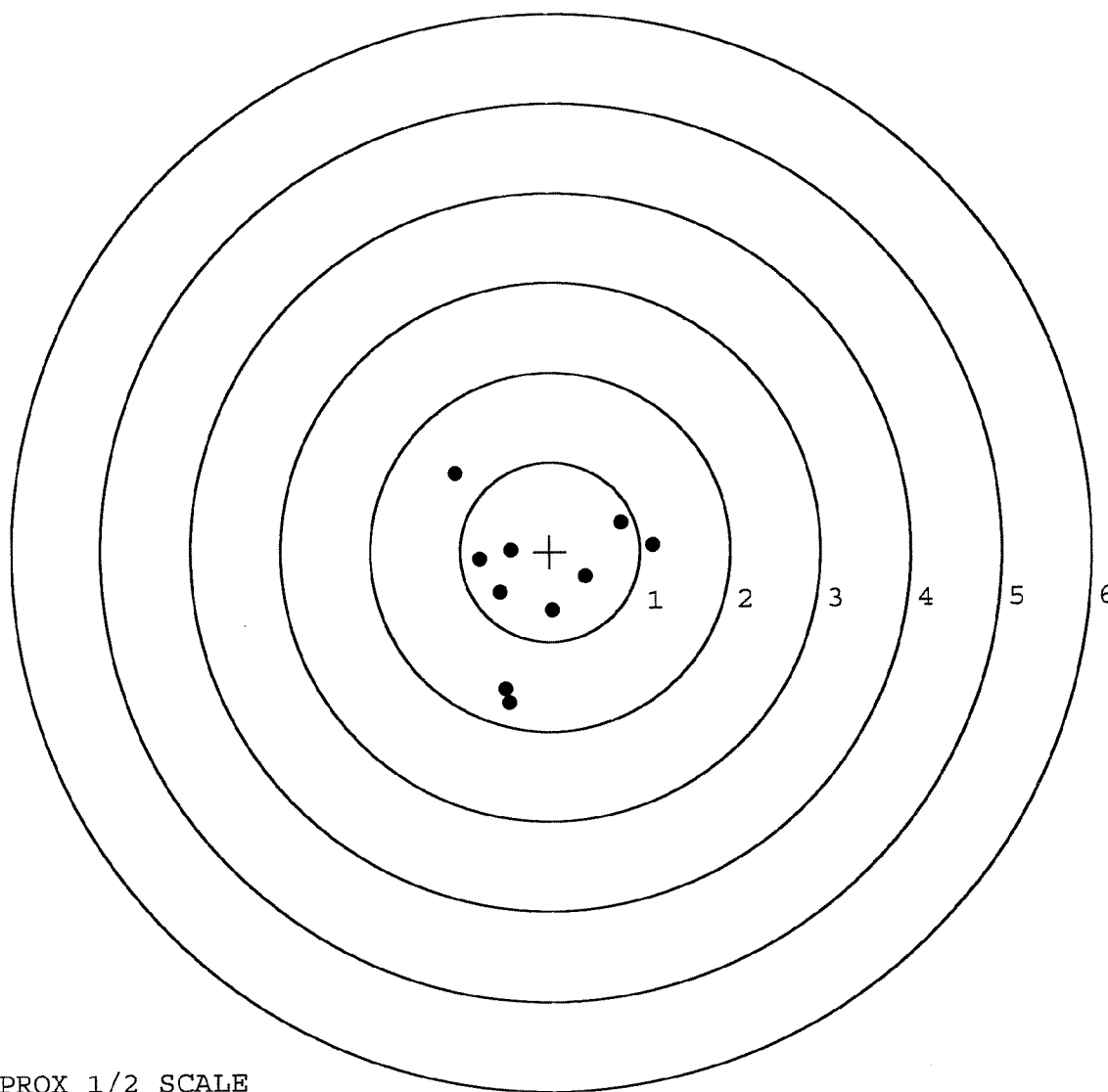
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.177
The Average Y Centroid of the Five Target Set:	-0.142
The Average Point of Impact of the Five Target Set:	0.227
The Average Mean Radius of the Five Target Set:	0.586
The Distance from POA to Centroid Target #1:	0.371
The Distance from Centroid Target #2 to Centroid Target #1:	0.276
The Distance from Centroid Target #3 to Centroid Target #1:	0.346
The Distance from Centroid Target #4 to Centroid Target #1:	0.110
The Distance from Centroid Target #5 to Centroid Target #1:	0.287

SERIAL NUMBER: G6590143. __0
 TARGET NUMBER: 1
 FILE DATE: 09/15/2006
 FILE TIME: 01:53

POINT#	X	Y
1:	-1.047	0.880
2:	-0.435	0.016
3:	-0.783	-0.086
4:	-0.554	-0.457
5:	-0.464	-1.685
6:	-0.503	-1.528
7:	0.025	-0.656
8:	0.395	-0.282
9:	0.788	0.318
10:	1.142	0.061

X CENTROID: -0.144
 Y CENTROID: -0.342
 POA TO CENTROID: 0.371
 HORZ SPREAD: 2.189
 VERT SPREAD: 2.565
 GROUP SPREAD: 2.630
 MIN RADIUS: 0.356
 MAX RADIUS: 1.520
 MEAN RADIUS: 0.910
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590143. __0

TARGET NUMBER: 2

FILE DATE: 09/15/2006

FILE TIME: 01:53

POINT#	X	Y
1:	-0.805	0.469
2:	-0.533	0.397
3:	-0.665	0.113
4:	-0.333	0.051
5:	0.208	0.787
6:	0.112	-0.257
7:	0.257	-0.721
8:	-0.132	-0.703
9:	-0.267	-0.404
10:	-0.011	-0.494

X CENTROID: -0.217

Y CENTROID: -0.076

POA TO CENTROID: 0.230

HORZ SPREAD: 1.062

VERT SPREAD: 1.508

GROUP SPREAD: 1.528

MIN RADIUS: 0.172

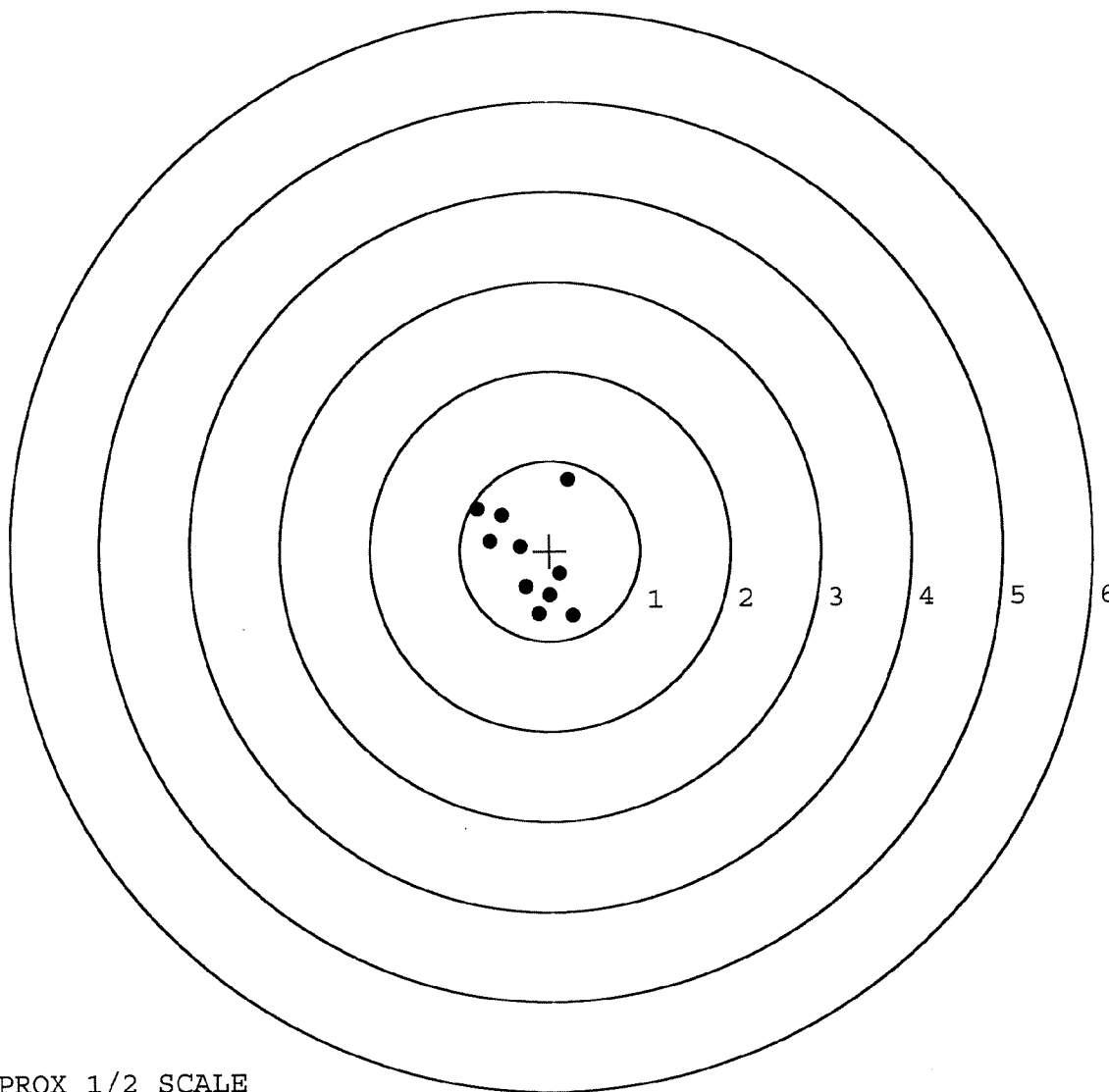
MAX RADIUS: 0.962

MEAN RADIUS: 0.560

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0165420

SERIAL NUMBER: G6590143. __0

TARGET NUMBER: 3

FILE DATE: 09/15/2006

FILE TIME: 01:53

POINT#	X	Y
1:	-0.270	0.793
2:	-0.109	0.504
3:	-0.080	0.320
4:	0.114	0.146
5:	0.080	-0.127
6:	0.156	-0.502
7:	-0.098	-0.231
8:	-0.386	-0.218
9:	-0.722	0.121
10:	-0.493	-0.785

X CENTROID: -0.181

Y CENTROID: 0.002

POA TO CENTROID: 0.181

HORZ SPREAD: 0.878

VERT SPREAD: 1.578

GROUP SPREAD: 1.594

MIN RADIUS: 0.247

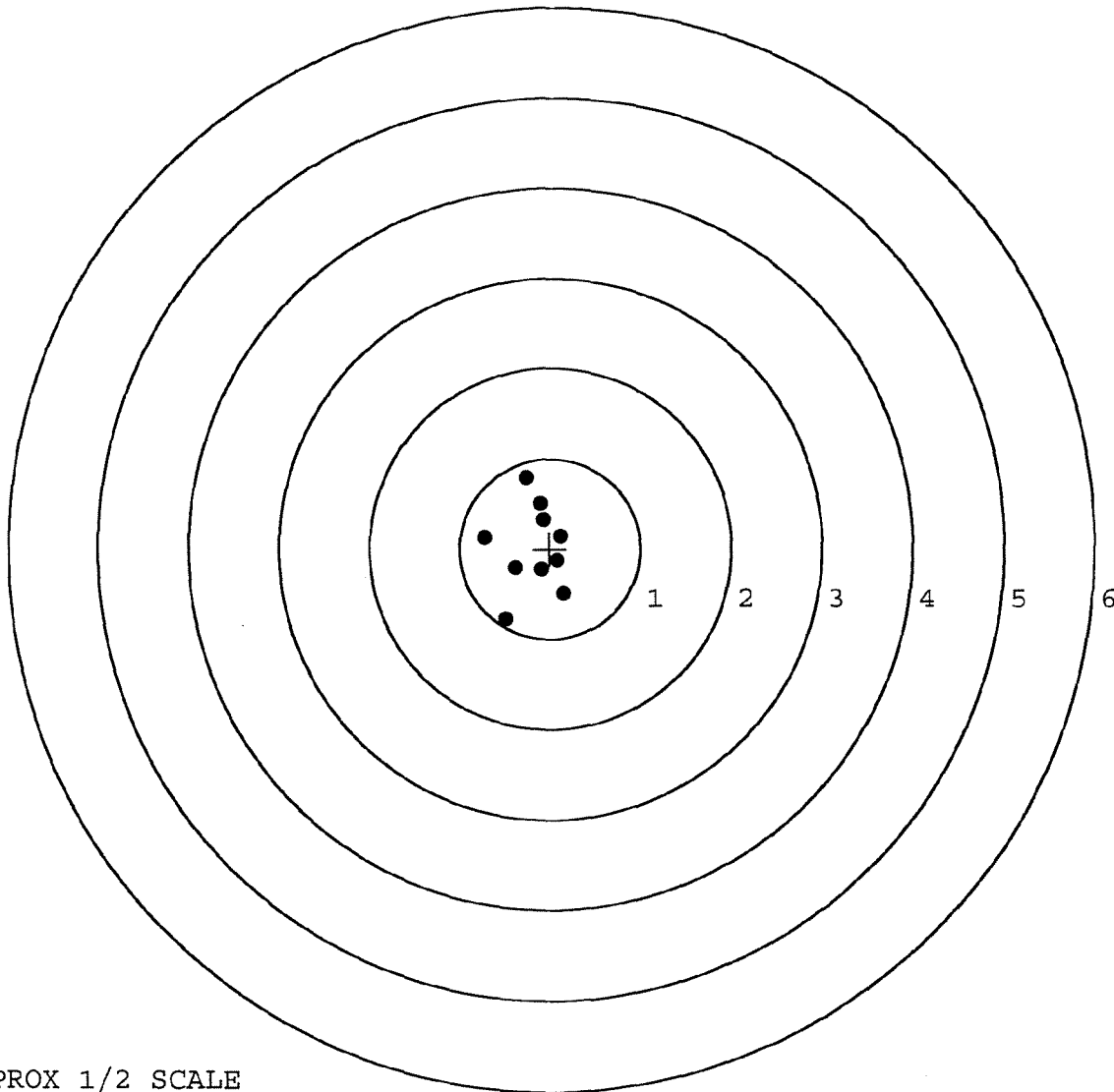
MAX RADIUS: 0.847

MEAN RADIUS: 0.481

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590143. __0

TARGET NUMBER: 4

FILE DATE: 09/15/2006

FILE TIME: 01:53

POINT#	X	Y
1:	0.044	0.386
2:	0.483	0.083
3:	0.153	-1.175
4:	0.139	-0.974
5:	-0.562	-0.717
6:	-0.140	-0.298
7:	-0.314	-0.058
8:	-0.564	-0.163
9:	-0.608	0.112
10:	-0.472	0.412

X CENTROID: -0.184

Y CENTROID: -0.239

POA TO CENTROID: 0.302

HORZ SPREAD: 1.091

VERT SPREAD: 1.587

GROUP SPREAD: 1.706

MIN RADIUS: 0.074

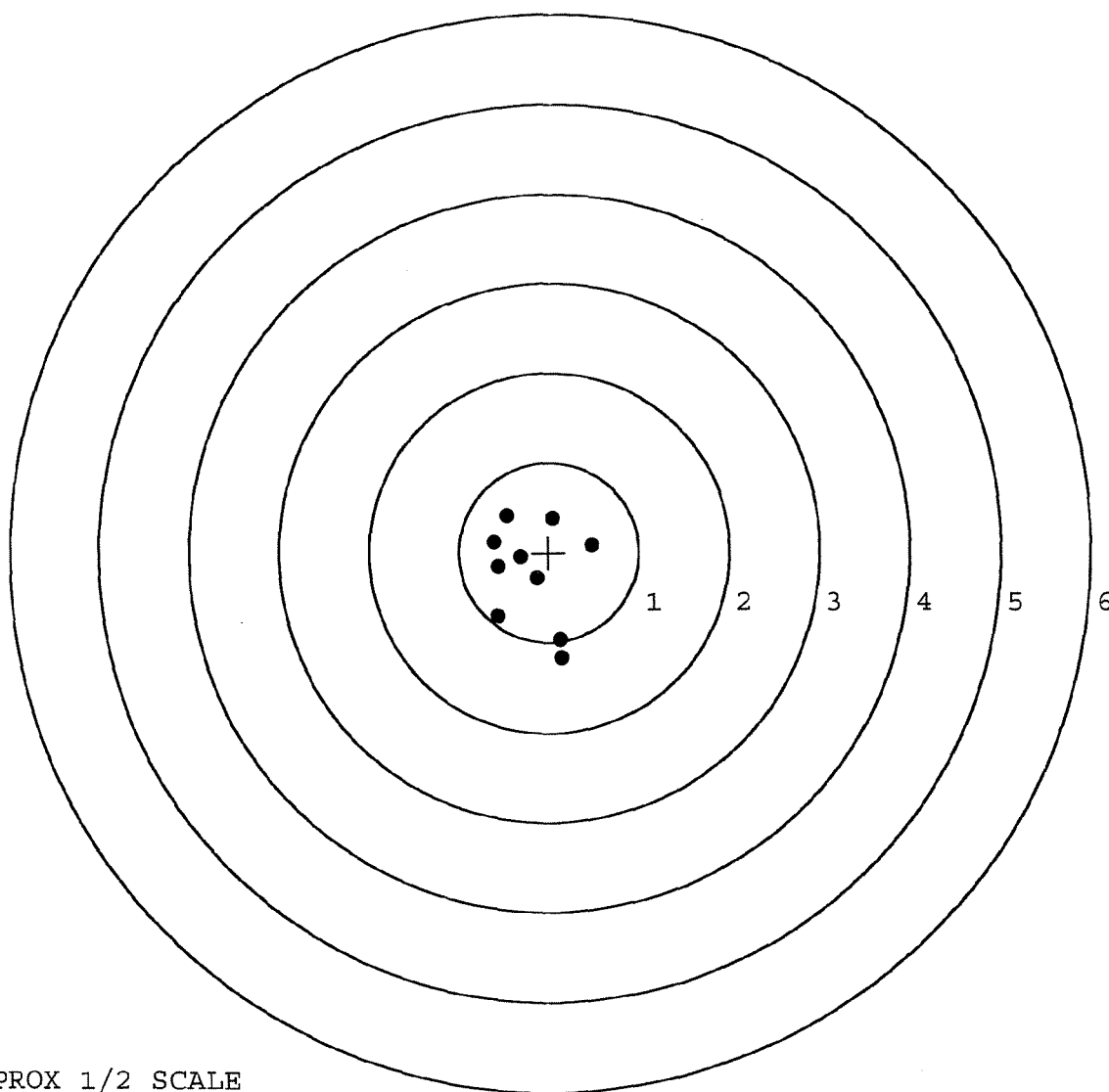
MAX RADIUS: 0.995

MEAN RADIUS: 0.576

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590143. 0

TARGET NUMBER: 5

FILE DATE: 09/15/2006

FILE TIME: 01:53

POINT#	X	Y
1:	0.106	0.307
2:	0.062	0.056
3:	0.250	-0.226
4:	0.635	-0.207
5:	-0.091	-0.104
6:	-0.386	-0.209
7:	-0.687	-0.107
8:	-0.869	-0.107
9:	-0.463	0.192
10:	-0.164	-0.154

X CENTROID: -0.161

Y CENTROID: -0.056

POA TO CENTROID: 0.170

HORZ SPREAD: 1.504

VERT SPREAD: 0.533

GROUP SPREAD: 1.507

MIN RADIUS: 0.085

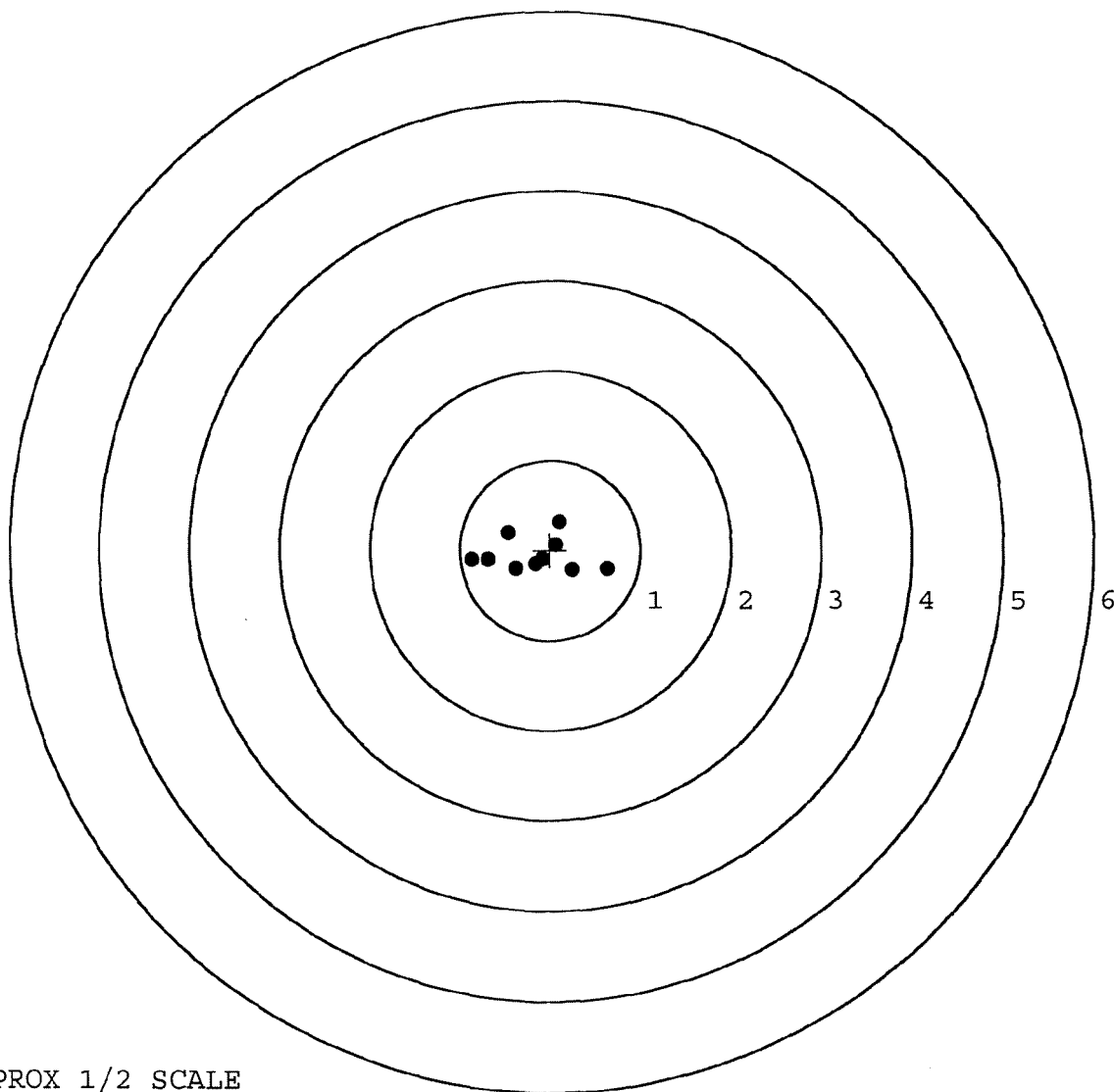
MAX RADIUS: 0.810

MEAN RADIUS: 0.404

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE