

G6635141

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

proof of purchase



owner registration sticker



ORDER NO.

25716

BARREL LENGTH

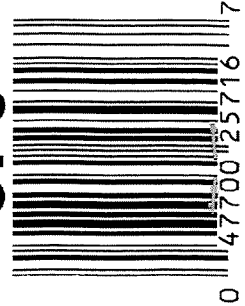
24"

CAPACITY

6

G6635161

UPC



DD FORM

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYSTE
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M/24 7.62 NATO S.W.S. (COMPLETE SYSTE
UPC



SERIAL NO.



GUN SERIAL # G6635161

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE			
420	ASSEMBLE ACTION		3-12-07	APD
430	ASSEMBLE TO STOCK		3-17-07	TRW
440	PROOF		3-14-07	Fm
460	CHECK HEADSPACE	INSPECTED	3-14-07	Fm
470	DIS-ASSEMBLE ACTION	MAR 16 2007	3-15-07	RT
480	MAGNAFLUX BBL ACTION	OPERATOR <u>lund</u>	3/16/07	<u>lund</u>
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		3-16-07	CW
510	DRILL AND TAP SIGHT HOLES		3-16-07	TRW
520	GOFF BLAST BBL / REC		3-19-07	LB
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		3/23/07	RB
560	RE-ASSEMBLE ACTION		3-27-07	SD
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		3-27-07	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		3-27-07	SD
	D) OIL FIRING PIN ASSEMBLY		3/27/07	APD
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		4/18/07	<u>over</u>
F004 REV 5/2006				

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6.75</u> <u>7.0</u> <u>7.0</u>	4-18-07	TRW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2.5</u> <u>3.0</u> <u>3.0</u>	4-18-07	TRW
	H) TRIGGER PULL TEST AND RETAINABILITY		4/18/07	non
	I) FIRING PIN INDENT .020 MIN	<u>.0245</u> <u>.0255</u> <u>.0255</u>	4-18-07	TRW
	J) ASSEMBLE STOCK		3/27/07	TRW
	K) ASSEMBLE SWIVEL STUDS		4/18/07	non
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		4/18/07	non
	M) IRON SIGHT ALIGNMENT		4/18/07	non
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		4/18/07	non
640 & 650	FUNCTION TEST AND TARGET	<u>PASS</u> FAIL <u>PASS</u> FAIL	4/17/07	non
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		4-17-07	SD
670	FINAL INSPECTION A) HEADSPACE		4/18/07	non
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.52</u> <u>2.56</u> <u>2.56</u> <u>2.54</u> <u>2.51</u>	4-18-07	TRW
	C) FUNCTION		4/18/07	non
690	PACK		4-20-07	DA

F004 REV 5/2006

BARBER - M24 0142803
**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)

DATE 3-27-07

TESTER moh

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.48	2.75		2.45	
PULL #2	2.48	2.75		2.46	
PULL #3	2.44	2.32		2.66	
PULL #4	2.43	2.23		2.47	
PULL #5	2.81	2.25		2.50	
TOTAL	12.64	12.30		12.54	
AVERAGE	2.53	2.46		2.51	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	2.95	3.01		
PULL #2	2.93	2.87		
PULL #3	3.02	3.10		
PULL #4	2.94	3.10		
PULL #5	3.21	3.17		
TOTAL	15.05	15.25		
AVERAGE	3.01	3.05		

	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	4.01	4.12		4.10
PULL #2	3.96	3.89		4.03
PULL #3	4.20	4.24		4.01
PULL #4	4.05	4.24		3.99
PULL #5	4.02	4.00		4.05
TOTAL	20.24	20.49		20.18
AVERAGE	4.05	4.10		4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6635161.___0
FILE DATE AND TIME: 04/17/2007 23:54

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.079
The Average Y Centroid of the Five Target Set:	-0.130
The Average Point of Impact of the Five Target Set:	0.152
The Average Mean Radius of the Five Target Set:	0.758
The Distance from POA to Centroid Target #1:	0.217
The Distance from Centroid Target #2 to Centroid Target #1:	0.163
The Distance from Centroid Target #3 to Centroid Target #1:	0.437
The Distance from Centroid Target #4 to Centroid Target #1:	0.323
The Distance from Centroid Target #5 to Centroid Target #1:	0.321

SERIAL NUMBER: G6635161. __0

TARGET NUMBER: 1

FILE DATE: 04/17/2007

FILE TIME: 23:54

POINT#	X	Y
1:	0.124	0.915
2:	0.370	0.584
3:	-0.323	0.118
4:	0.235	0.087
5:	0.538	0.109
6:	0.367	-0.211
7:	-0.068	-0.379
8:	-0.286	-0.466
9:	-0.631	-0.423
10:	1.783	0.157

X CENTROID: 0.211

Y CENTROID: 0.049

POA TO CENTROID: 0.217

HORZ SPREAD: 2.414

VERT SPREAD: 1.381

GROUP SPREAD: 2.483

MIN RADIUS: 0.045

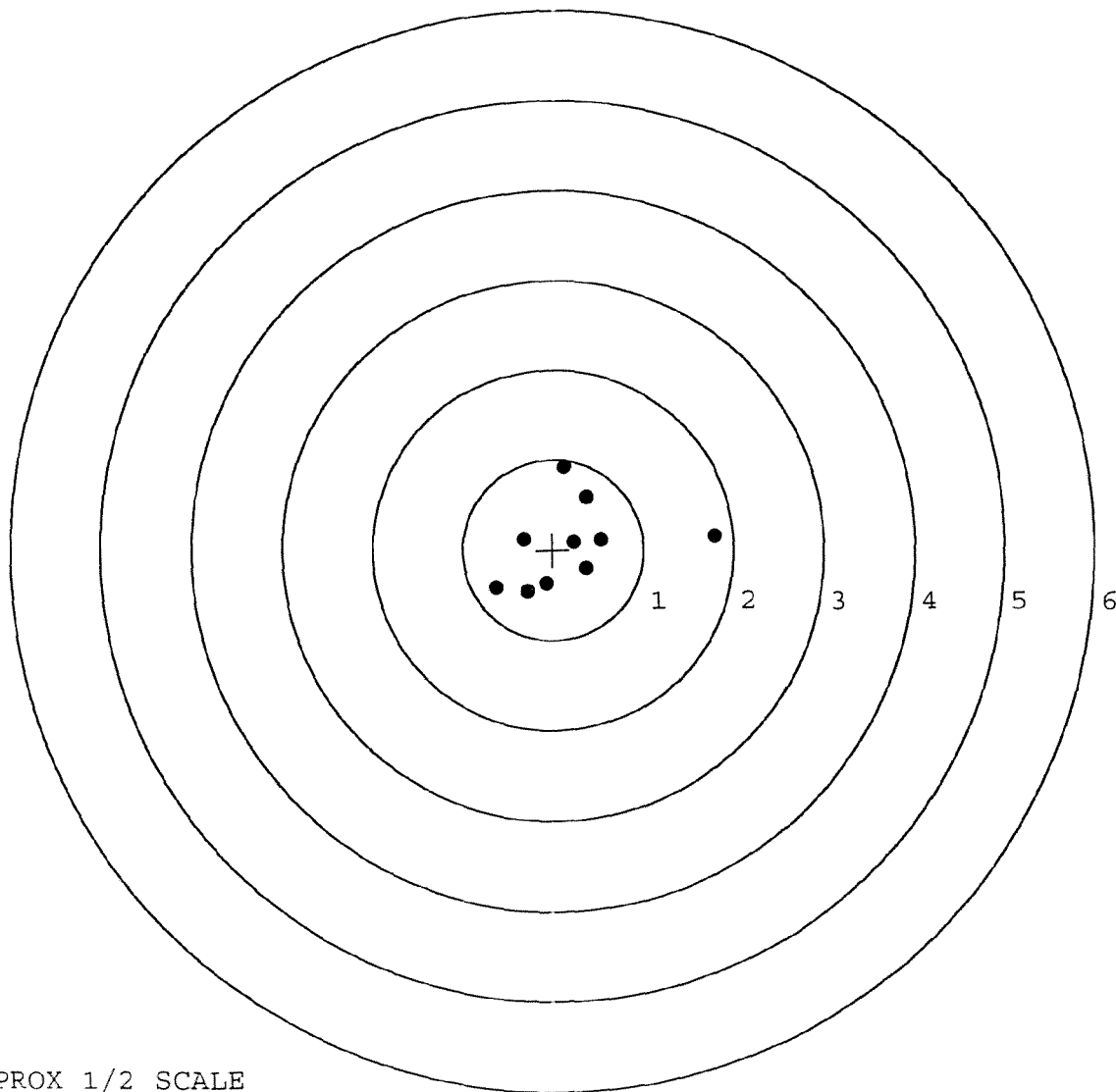
MAX RADIUS: 1.576

MEAN RADIUS: 0.642

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635161. __0

TARGET NUMBER: 2

FILE DATE: 04/17/2007

FILE TIME: 23:54

POINT#	X	Y
1:	-0.582	-1.030
2:	-0.243	-0.308
3:	0.498	-0.134
4:	1.185	-0.144
5:	-0.779	0.744
6:	-0.337	0.531
7:	-0.085	0.352
8:	0.113	0.128
9:	0.194	0.313
10:	0.543	0.327

X CENTROID: 0.051

Y CENTROID: 0.078

POA TO CENTROID: 0.093

HORZ SPREAD: 1.964

VERT SPREAD: 1.774

GROUP SPREAD: 1.977

MIN RADIUS: 0.080

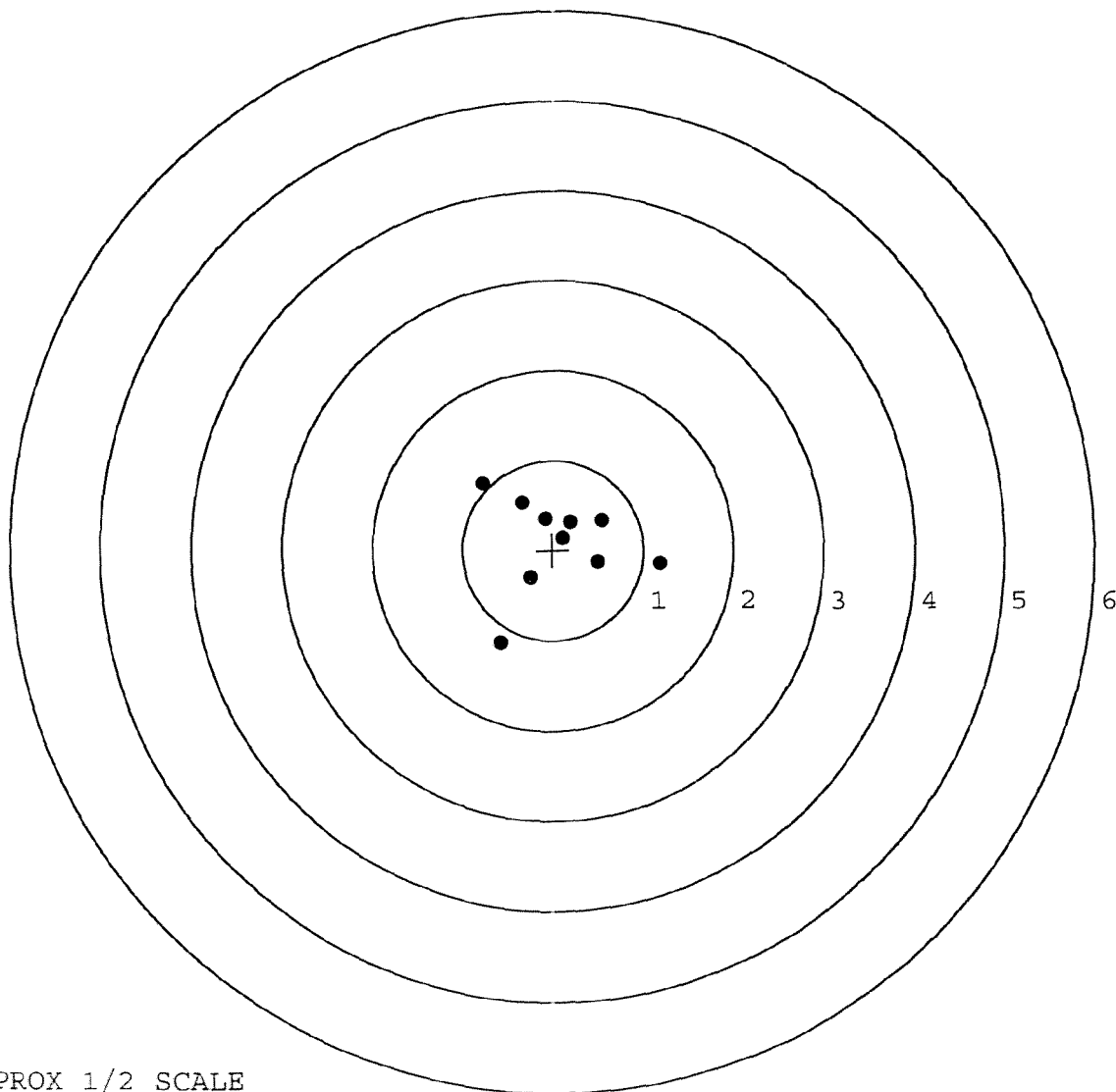
MAX RADIUS: 1.276

MEAN RADIUS: 0.628

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

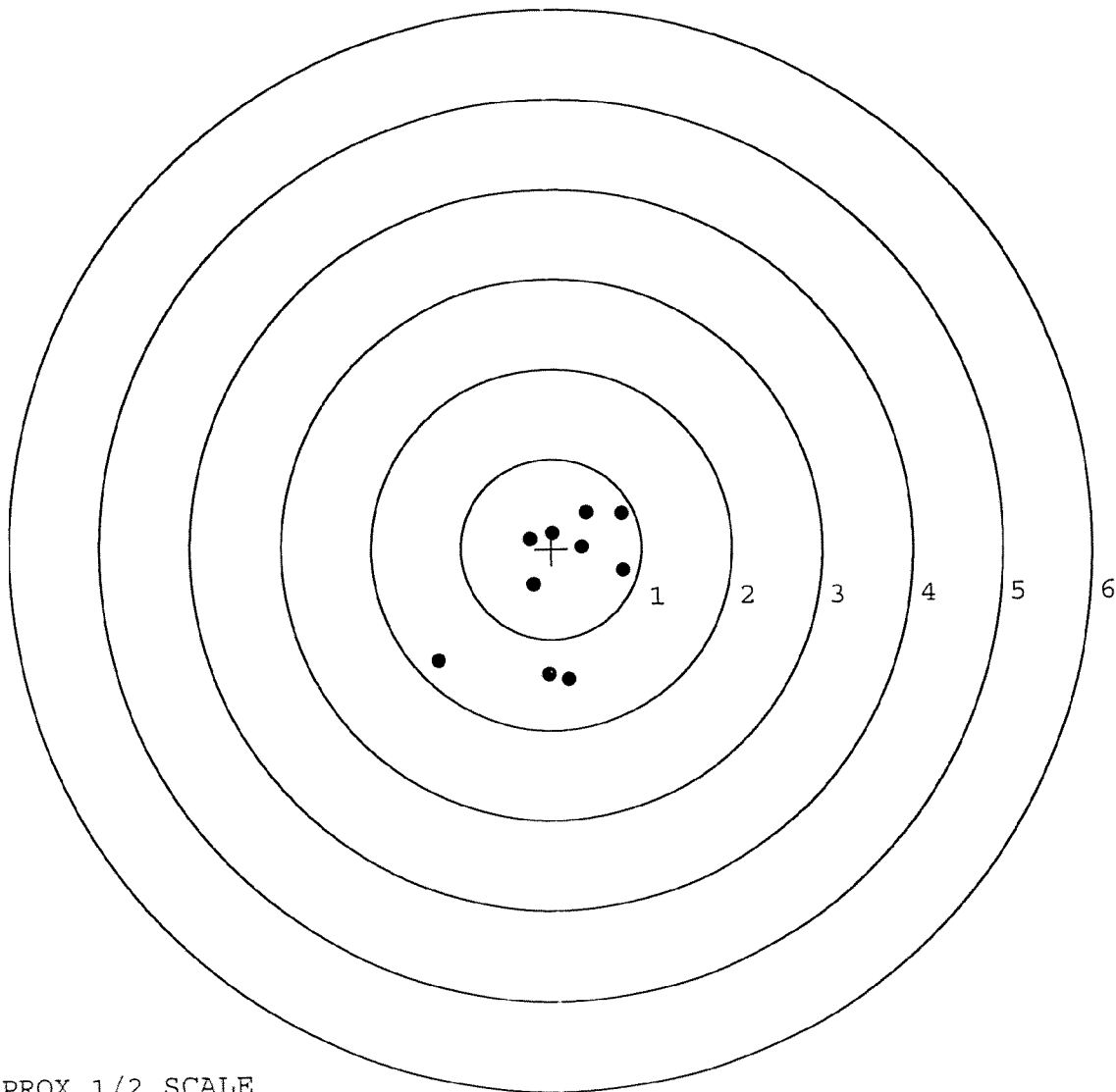


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635161. __ 0
 TARGET NUMBER: 3
 FILE DATE: 04/17/2007
 FILE TIME: 23:54

X CENTROID: 0.072
 Y CENTROID: -0.365
 POA TO CENTROID: 0.372
 HORZ SPREAD: 2.062
 VERT SPREAD: 1.851
 GROUP SPREAD: 2.611
 MIN RADIUS: 0.281
 MAX RADIUS: 1.599
 MEAN RADIUS: 0.817
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-1.272	-1.231
2:	-0.052	-1.388
3:	0.168	-1.453
4:	-0.206	-0.403
5:	0.790	-0.262
6:	0.783	0.379
7:	0.339	0.020
8:	0.390	0.398
9:	0.017	0.178
10:	-0.237	0.111



TARGET APPROX 1/2 SCALE

BARBER - M24 0142808

SERIAL NUMBER: G6635161. __0

TARGET NUMBER: 4

FILE DATE: 04/17/2007

FILE TIME: 23:54

POINT#	X	Y
1:	-1.381	0.587
2:	-0.895	0.828
3:	-0.039	0.557
4:	0.413	0.469
5:	-0.392	-0.290
6:	0.414	-0.636
7:	0.772	-0.654
8:	0.800	-0.263
9:	0.377	-1.065
10:	-0.421	-1.137

X CENTROID: -0.035

Y CENTROID: -0.160

POA TO CENTROID: 0.164

HORZ SPREAD: 2.181

VERT SPREAD: 1.965

GROUP SPREAD: 2.485

MIN RADIUS: 0.380

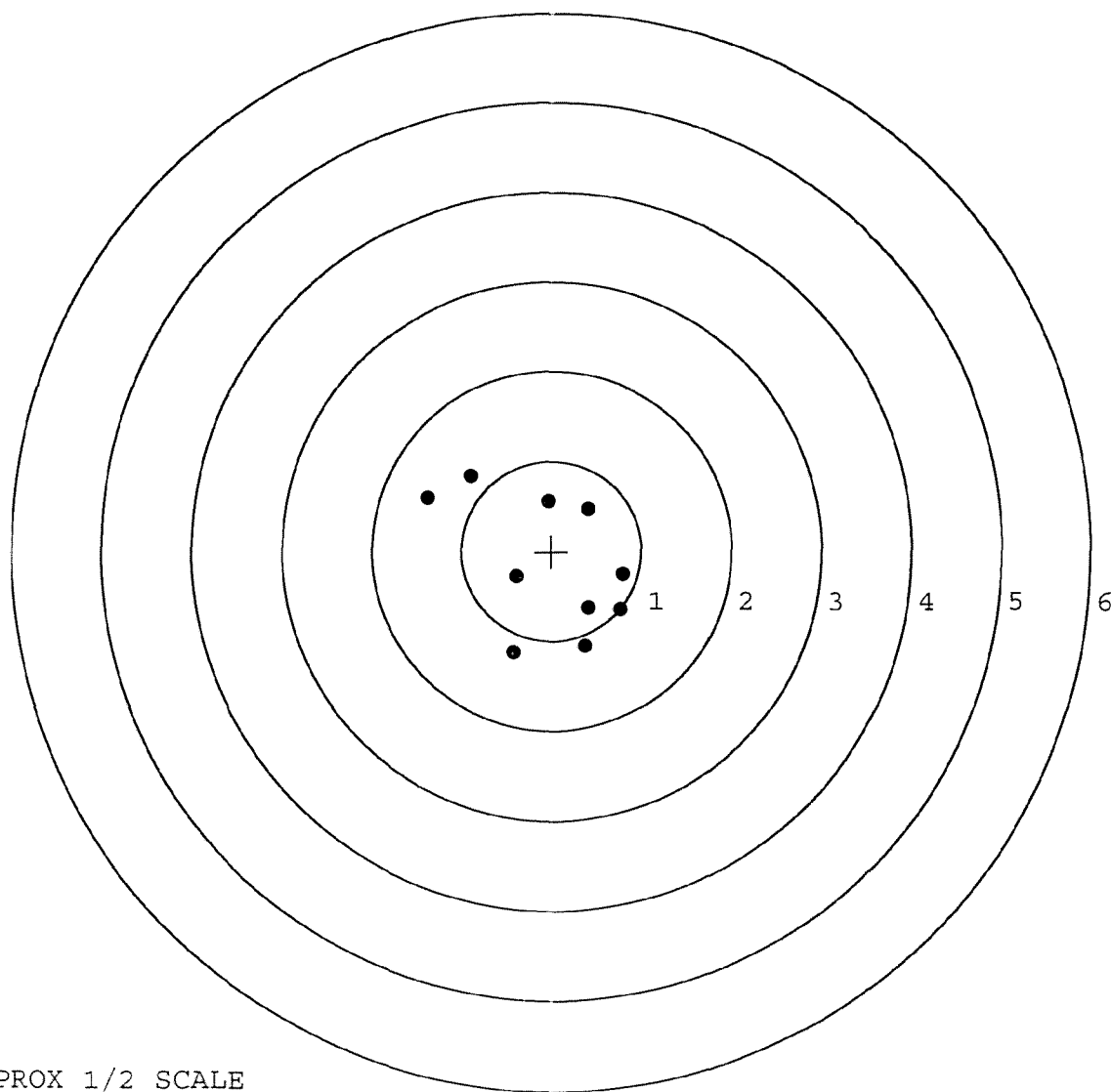
MAX RADIUS: 1.539

MEAN RADIUS: 0.921

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6635161. 0

TARGET NUMBER: 5

FILE DATE: 04/17/2007

FILE TIME: 23:54

POINT#	X	Y
1:	-0.937	0.168
2:	-0.746	0.252
3:	-0.276	-0.008
4:	-0.258	-0.312
5:	0.281	0.204
6:	0.542	0.468
7:	0.698	0.032
8:	0.287	-0.795
9:	0.553	-1.274
10:	0.826	-1.242

X CENTROID: 0.097

Y CENTROID: -0.251

POA TO CENTROID: 0.269

HORZ SPREAD: 1.763

VERT SPREAD: 1.742

GROUP SPREAD: 2.257

MIN RADIUS: 0.360

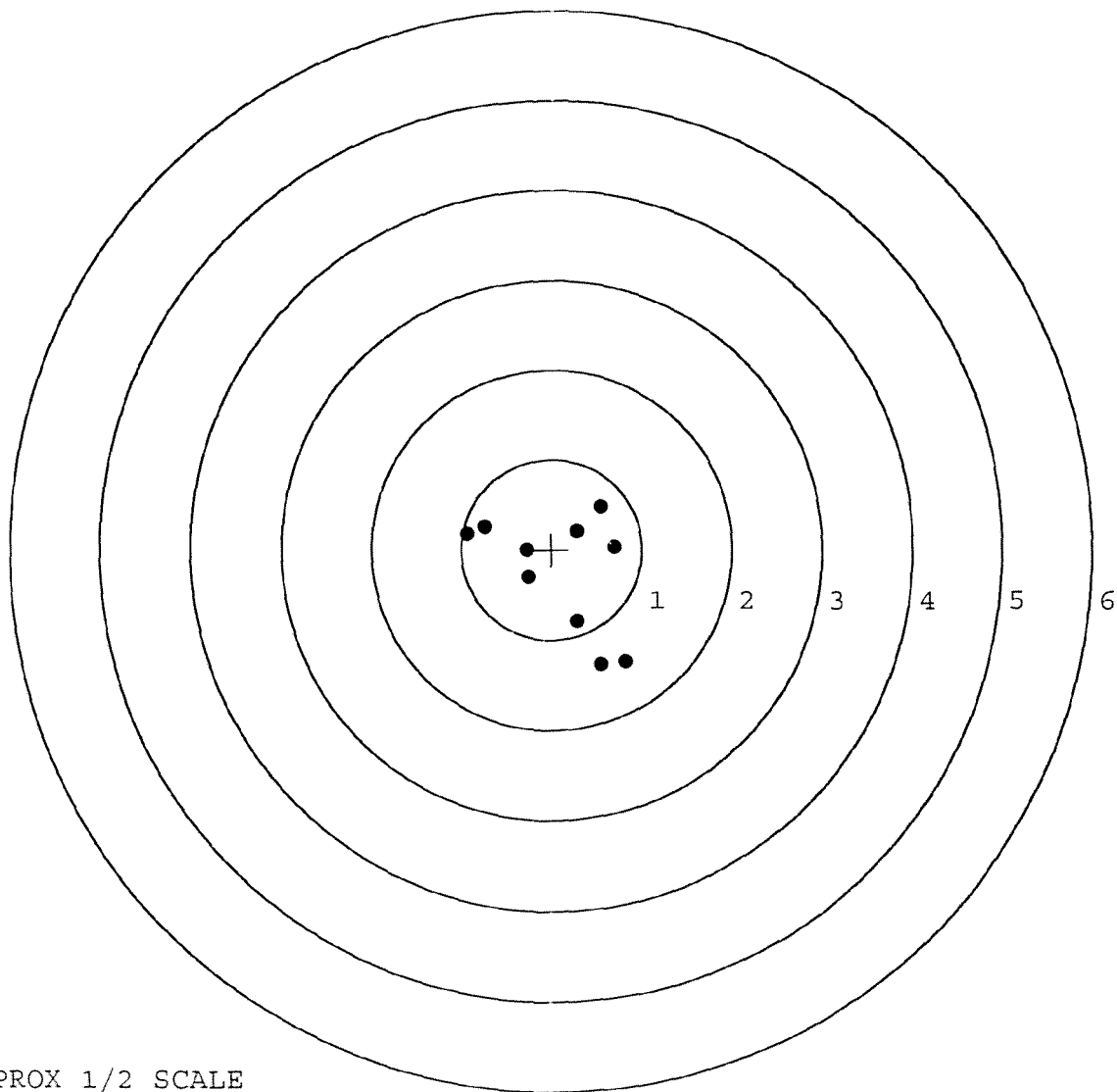
MAX RADIUS: 1.230

MEAN RADIUS: 0.783

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE