

G 6296701

Syst Case
Deby IC.T
Flash Sup
Polarizer
Laser Fiter

M2400158611

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER	<u>168256</u>			
SERIAL NUMBER	<u>G6296701</u>			
LOG-IN DATE	<u>5-18-09</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-21-09	RT
505	RE-BARREL	5-26-09	RT
420	ASSEMBLE	5-26-09	RT
440	PROOF	5-26-09	RT
460	CHECK HEADSPACE	5-26-09	RT
470	DIS-ASSEMBLE GUN	5-26-09	RT
480	MAGNAFLUX	5-30-09	RT
510	DRILL AND TAP	5-27-09	SL
500	ROLLMARK CALIBER	6-1-09	RT
520	GOFF BLAST BBL / REC	6-1-09	DWD
530 & 540	APPLY COATINGS	6/3	C
560	FINAL ASSEMBLY	6-3-09	RT
640	FUNCTION TEST AND	6/4	RB
650	TARGET	6/4	RB
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS	6/4
	B) TRIGGER PULL		6/5-09
		247 254 258 246 261 6-5-09	RT
680	F) SAFETY ON FORCE	50 60 50 6-5-09	RT
	G) SAFETY OFF FORCE	60 70 60 6-5-09	RT
	I) FIRING PIN INDENT	.002 .004 .002 6-5-09	RT
690	PACK	6/10/09	FM

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296701.__0

FILE DATE AND TIME: 06/04/2009 13:34

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.100
The Average Y Centroid of the Five Target Set:	-0.107
The Average Point of Impact of the Five Target Set:	0.147
The Average Mean Radius of the Five Target Set:	0.584
The Distance from POA to Centroid Target #1:	0.124
The Distance from Centroid Target #2 to Centroid Target #1:	0.275
The Distance from Centroid Target #3 to Centroid Target #1:	0.228
The Distance from Centroid Target #4 to Centroid Target #1:	0.209
The Distance from Centroid Target #5 to Centroid Target #1:	0.344

SERIAL NUMBER: G6296701. 0

TARGET NUMBER: 1

FILE DATE: 06/04/2009

FILE TIME: 13:34

X CENTROID: -0.113

Y CENTROID: 0.050

POA TO CENTROID: 0.124

HORZ SPREAD: 1.742

VERT SPREAD: 1.491

GROUP SPREAD: 1.748

MIN RADIUS: 0.315

MAX RADIUS: 0.935

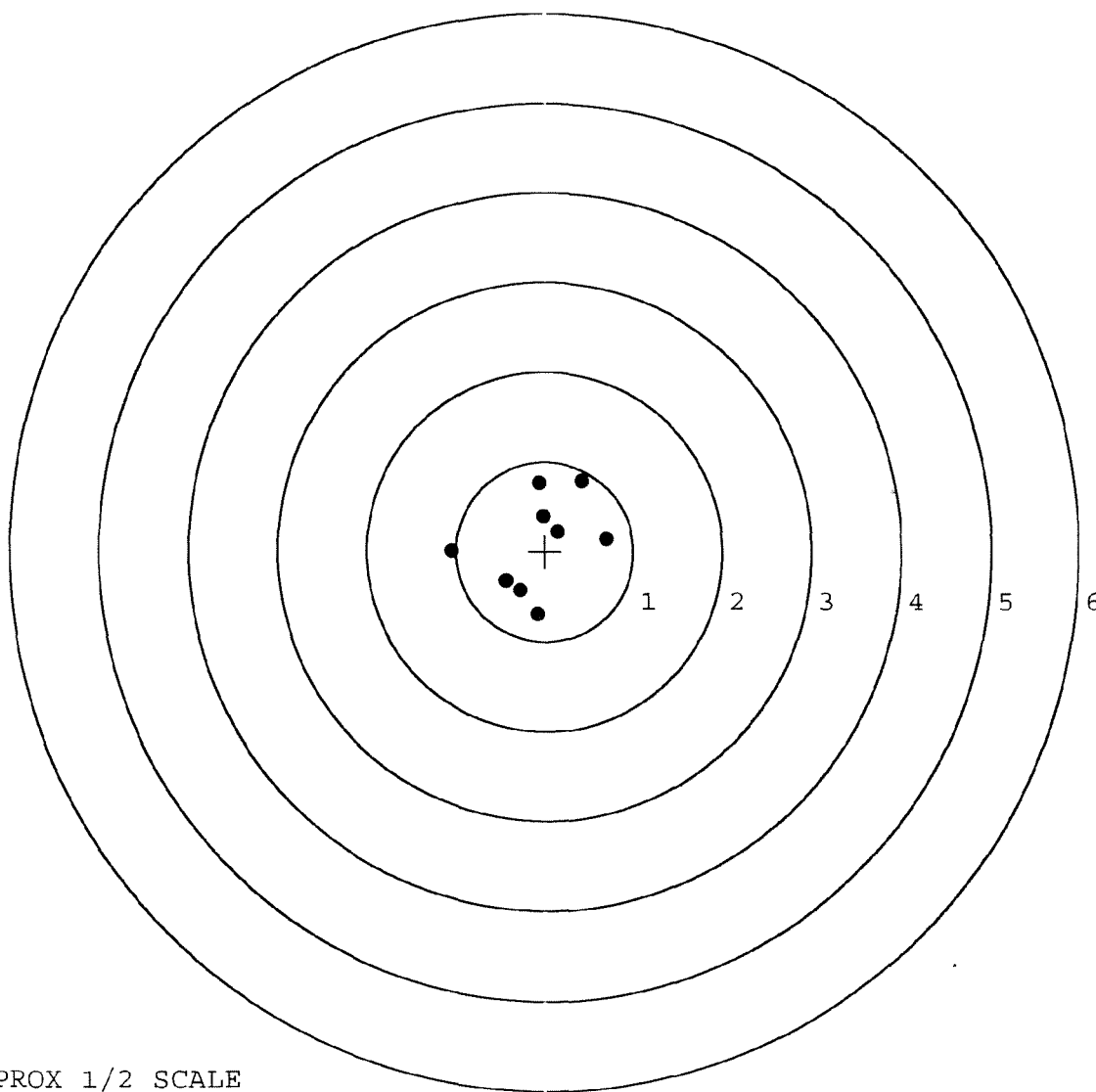
MEAN RADIUS: 0.632

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.695	0.144
2:	0.418	0.788
3:	0.152	0.220
4:	-0.025	0.390
5:	-0.070	0.766
6:	-1.047	-0.005
7:	-0.437	-0.328
8:	-0.285	-0.438
9:	-0.087	-0.703
10:	-0.449	-0.333



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296701.___0

TARGET NUMBER: 2

FILE DATE: 06/04/2009

FILE TIME: 13:34

X CENTROID: -0.235

Y CENTROID: -0.196

POA TO CENTROID: 0.306

HORZ SPREAD: 1.563

VERT SPREAD: 1.250

GROUP SPREAD: 1.263

MIN RADIUS: 0.269

MAX RADIUS: 0.895

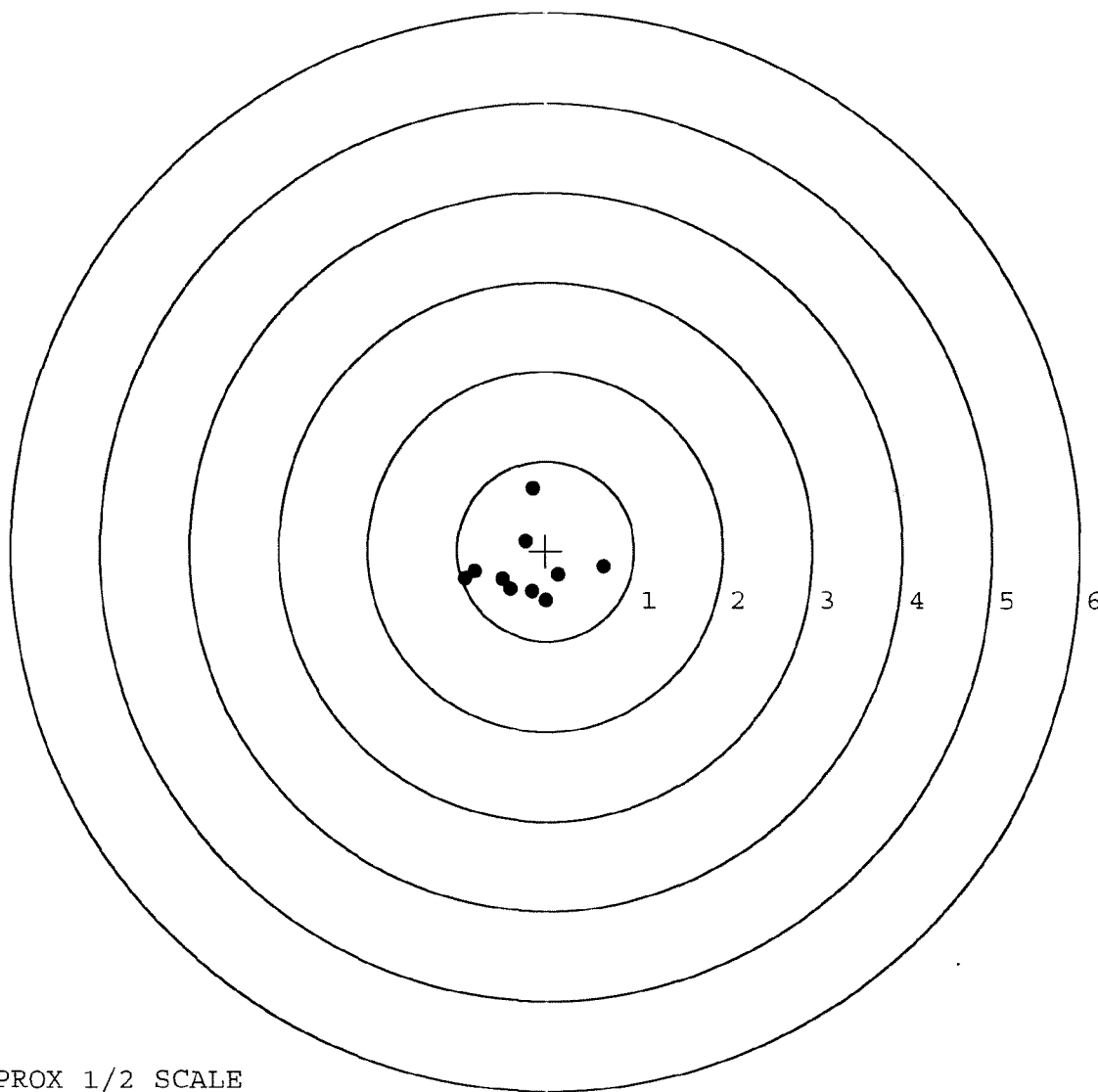
MEAN RADIUS: 0.500

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.153	0.695
2:	0.654	-0.179
3:	0.141	-0.272
4:	-0.231	0.111
5:	-0.909	-0.317
6:	-0.800	-0.234
7:	-0.487	-0.325
8:	-0.157	-0.454
9:	-0.005	-0.555
10:	-0.406	-0.434



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296701.___0

TARGET NUMBER: 3

FILE DATE: 06/04/2009

FILE TIME: 13:34

X CENTROID: -0.003

Y CENTROID: -0.150

POA TO CENTROID: 0.150

HORZ SPREAD: 1.424

VERT SPREAD: 1.944

GROUP SPREAD: 2.069

MIN RADIUS: 0.102

MAX RADIUS: 1.162

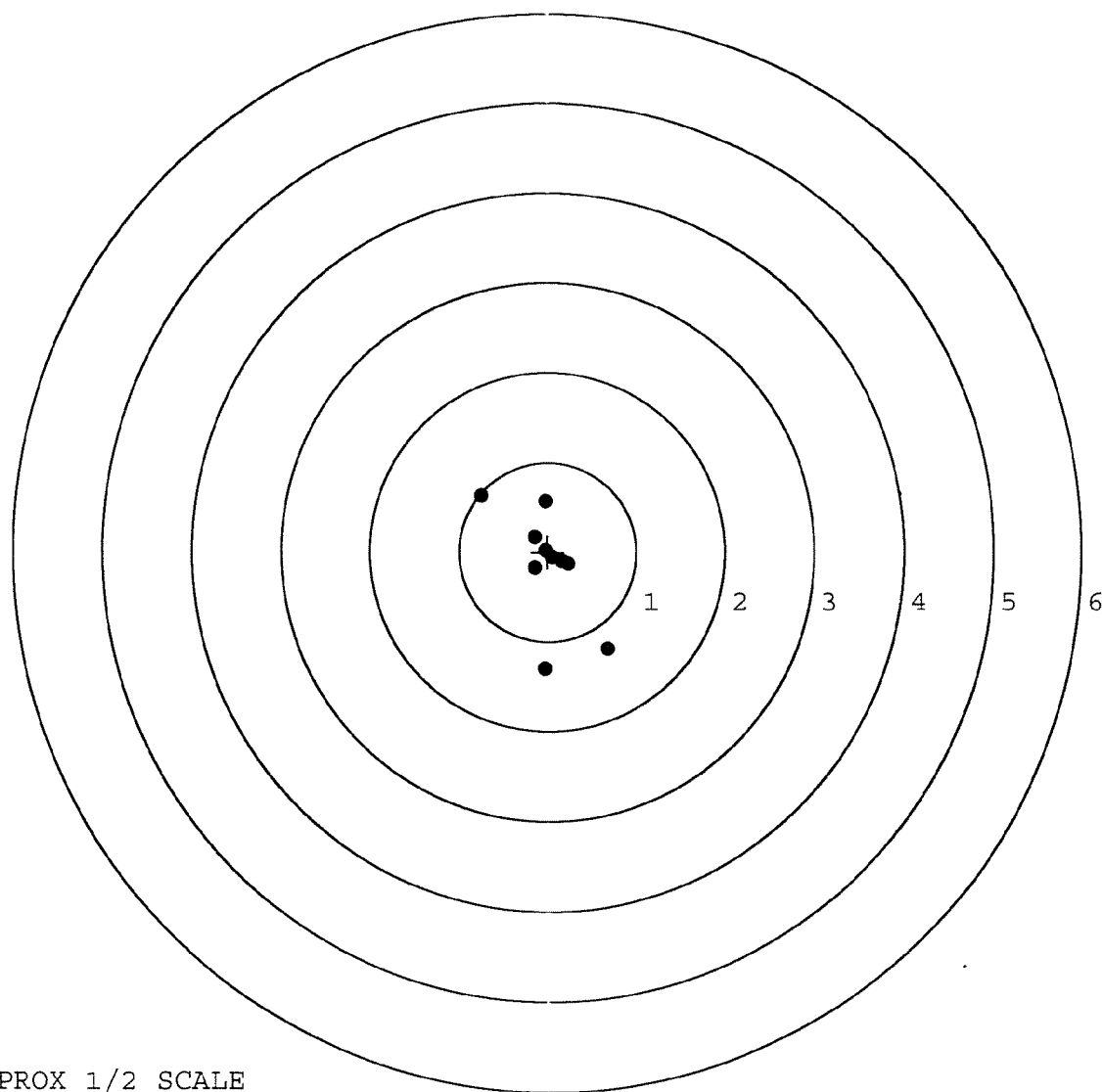
MEAN RADIUS: 0.528

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.747	0.633
2:	-0.033	0.567
3:	-0.149	0.162
4:	-0.148	-0.183
5:	0.231	-0.137
6:	-0.038	-1.311
7:	0.677	-1.080
8:	-0.031	0.015
9:	0.049	-0.062
10:	0.159	-0.101



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296701. 0

TARGET NUMBER: 4

FILE DATE: 06/04/2009

FILE TIME: 13:34

POINT#	X	Y
1:	0.578	0.478
2:	0.048	0.533
3:	0.992	-0.040
4:	0.339	-0.317
5:	-0.459	-0.597
6:	-0.938	-0.190
7:	-0.816	-0.042
8:	0.206	-0.011
9:	0.422	0.098
10:	0.332	0.199
11:	0.332	0.199

X CENTROID: 0.094

Y CENTROID: 0.028

POA TO CENTROID: 0.098

HORZ SPREAD: 1.930

VERT SPREAD: 1.130

GROUP SPREAD: 1.936

MIN RADIUS: 0.118

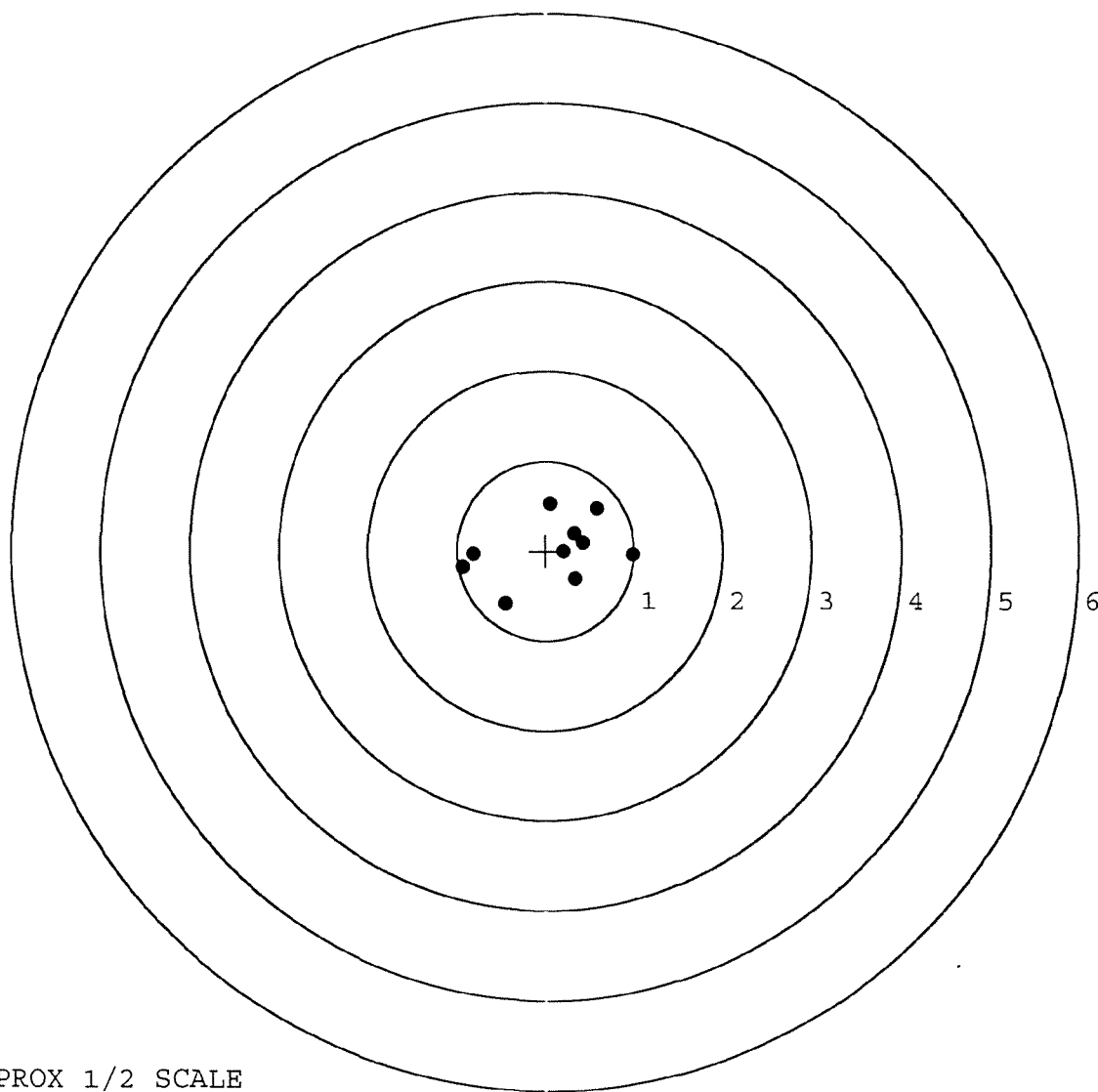
MAX RADIUS: 1.055

MEAN RADIUS: 0.576

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 11



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296701. __ 0

TARGET NUMBER: 5

FILE DATE: 06/04/2009

FILE TIME: 13:34

X CENTROID: -0.242

Y CENTROID: -0.269

POA TO CENTROID: 0.362

HORZ SPREAD: 1.520

VERT SPREAD: 2.770

GROUP SPREAD: 2.814

MIN RADIUS: 0.101

MAX RADIUS: 1.685

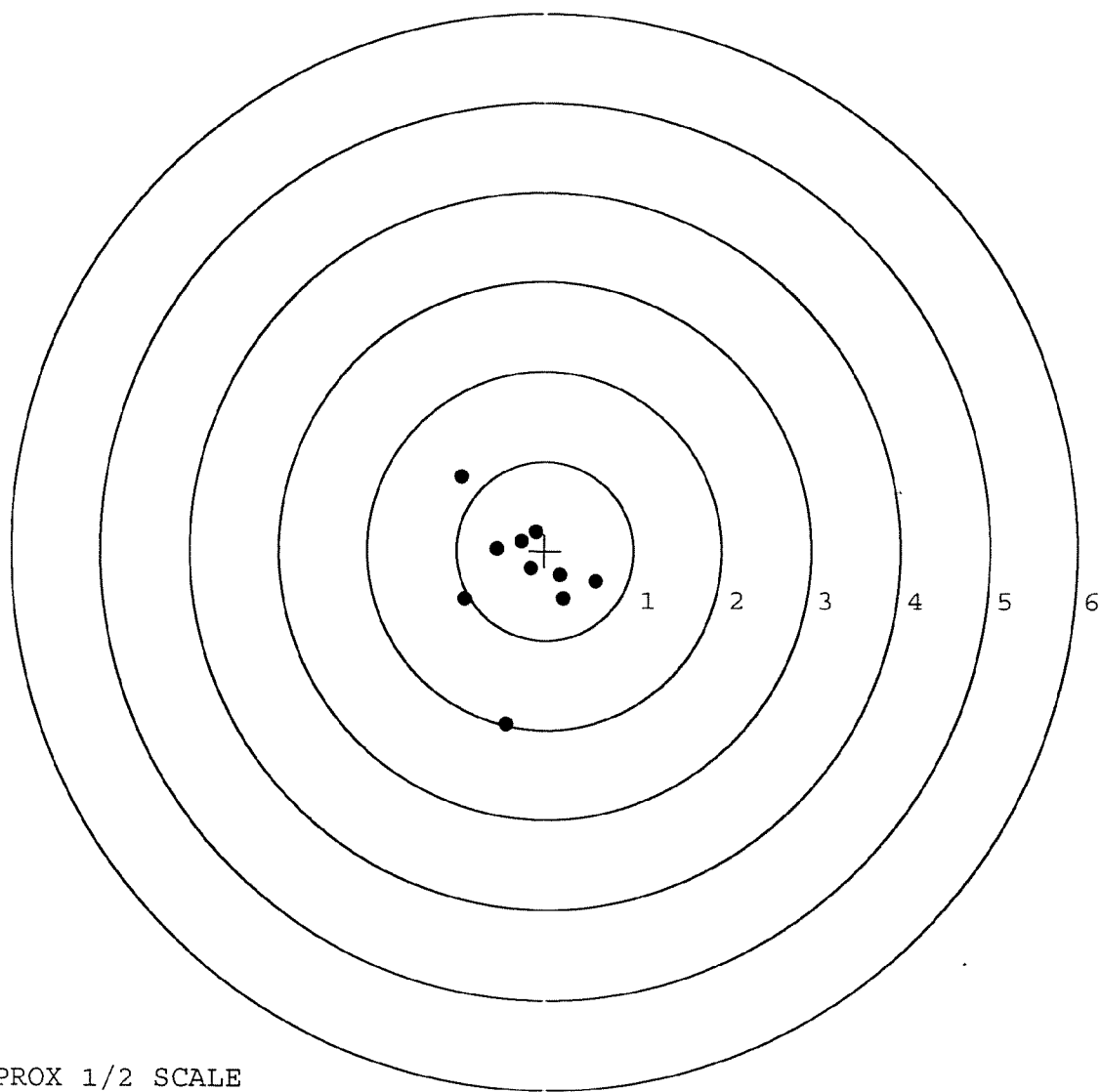
MEAN RADIUS: 0.686

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.944	0.829
2:	-0.911	-0.545
3:	-0.542	0.016
4:	-0.271	0.106
5:	-0.102	0.207
6:	-0.166	-0.203
7:	0.171	-0.280
8:	0.210	-0.535
9:	0.576	-0.342
10:	-0.446	-1.941



TARGET APPROX 1/2 SCALE

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



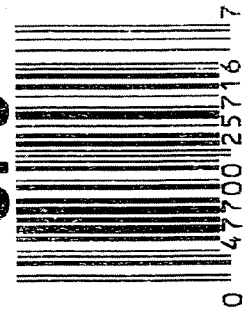
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6296701

UPC



VERY IMPORTANT
 INSTRUCTION BOOK
 ENCLOSED TO ASSIST
 SET-UP USE OF THIS
 TARGET

Remington®

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

Serial No. **66296701**
 Order No. **25716**
 DD

Made in Union, NY Reg. U.S. Pat. & Tm. Off. Patent Registered Trademark Deposited

5716 66296701

17XX

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.



M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6296701

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-12-03	RTL
600	PROOF		11-12-03	RTL
607	CHECK HEADSPACE		11-12-03	RTL
610	DIS-ASSEMBLE GUN		11-13-03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	BS		
615	ROLLMARK CALIBER		11-14-03	JR
617	DRILL AND TAP SIGHT HOLES		11-13-03	TRW
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12/1/03	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12/1/03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12/1/03	DA
	D) OIL FIRING PIN ASSEMBLY		12/1/03	DA
	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>7.5</u>	<u>7</u>	<u>7</u>	<u>12/10/03</u>	<u>RW</u>		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2</u>	<u>2</u>	<u>2</u>	<u>12/10/03</u>	<u>RW</u>		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u>	<u>.0235</u>	<u>.073</u>	<u>12/11/03</u>	<u>RW</u>		
	J) ASSEMBLE STOCK					<u>12/11/03</u>	<u>RW</u>		
	K) ASSEMBLE SWIVEL STUDS					<u>12-11-03</u>	<u>RL</u>		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					<u>12/11/03</u>	<u>RW</u>		
	M) IRON SIGHT ALIGNMENT					<u>12/11/03</u>	<u>RW</u>		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					<u>12/11/03</u>	<u>RW</u>		
640	GALLERY TEST AND TARGET		PASS	FAIL		<u>12/18/03</u>	<u>RW</u>		
	MALFUNCTION		CORRECTION			<u>12/18/03</u>	<u>RW</u>		
	MALFUNCTION		CORRECTION			<u>12/18/03</u>	<u>RW</u>		
	MALFUNCTION		CORRECTION			<u>12/18/03</u>	<u>RW</u>		
	MALFUNCTION		CORRECTION			<u>12/18/03</u>	<u>RW</u>		
645	INSPECT FOR LIVE AMMO					<u>12/18/03</u>	<u>RW</u>		
655	FINAL INSPECTION A) HEADSPACE					<u>12-11-03</u>	<u>RL</u>		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.55</u>	<u>2.58</u>	<u>2.69</u>	<u>2.61</u>	<u>2.69</u>	<u>12/19/03</u>	<u>RW</u>
	C) FUNCTION					<u>12-11-03</u>	<u>RL</u>		
660	PACK					<u>12/15/03</u>	<u>RA</u>		

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)

SERIAL NO. _____

DATE 12-1-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.50	2.12		2.55	
PULL #2	2.23	2.17		2.15	
PULL #3	2.40	2.12		2.42	
PULL #4	2.79	2.14		2.10	
PULL #5	2.39	2.30		2.29	
TOTAL	12.31	10.85		11.51	
AVERAGE	2.46	2.17		2.30	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.36		
PULL #2	3.21	3.11		
PULL #3	3.28	3.13		
PULL #4	3.59	3.58		
PULL #5	3.33	3.06		
TOTAL	16.67	16.24		
AVERAGE	3.33	3.24		

	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	4.50	4.04		4.22
PULL #2	4.10	4.14		4.11
PULL #3	4.21	4.08		4.32
PULL #4	4.27	4.01		4.19
PULL #5	4.24	4.18		4.12
TOTAL	21.32	20.45		20.96
AVERAGE	4.26	4.09		4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296701.___0
FILE DATE AND TIME: 12/08/2003 20:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.028
The Average Y Centroid of the Five Target Set:	0.166
The Average Point of Impact of the Five Target Set:	0.168
The Average Mean Radius of the Five Target Set:	0.807
The Distance from POA to Centroid Target #1:	0.091
The Distance from Centroid Target #2 to Centroid Target #1:	0.106
The Distance from Centroid Target #3 to Centroid Target #1:	0.274
The Distance from Centroid Target #4 to Centroid Target #1:	0.105
The Distance from Centroid Target #5 to Centroid Target #1:	0.156

SERIAL NUMBER: G6296701. __0

TARGET NUMBER: 1

FILE DATE: 12/08/2003

FILE TIME: 20:03

X CENTROID: 0.042

Y CENTROID: 0.081

POA TO CENTROID: 0.091

HORZ SPREAD: 1.982

VERT SPREAD: 1.974

GROUP SPREAD: 2.460

MIN RADIUS: 0.411

MAX RADIUS: 1.428

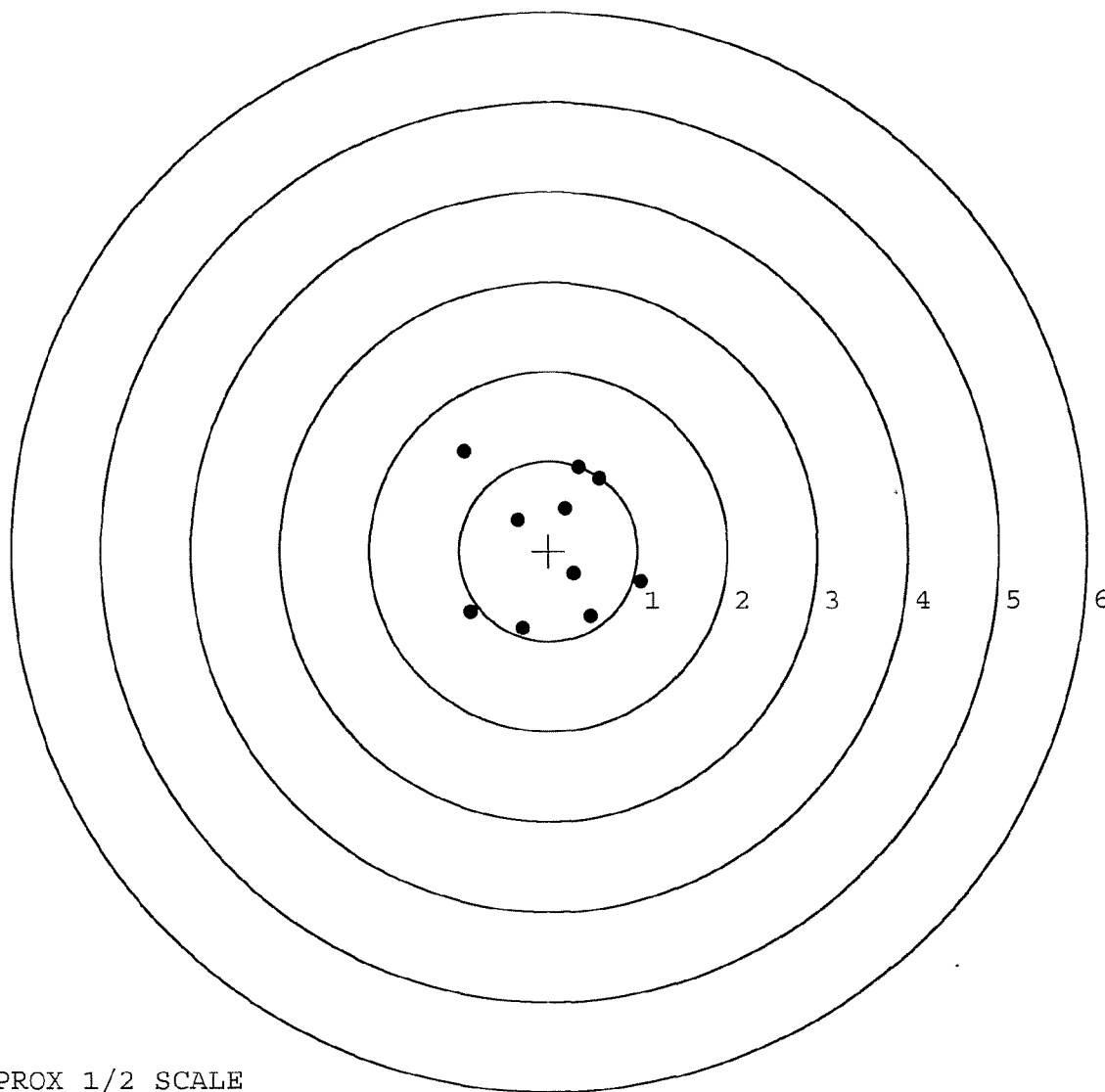
MEAN RADIUS: 0.871

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.037	-0.344
2:	0.470	-0.722
3:	0.283	-0.252
4:	-0.295	-0.861
5:	-0.879	-0.676
6:	-0.348	0.342
7:	0.186	0.470
8:	0.572	0.808
9:	0.337	0.935
10:	-0.945	1.113



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296701. 0

TARGET NUMBER: 2

FILE DATE: 12/08/2003

FILE TIME: 20:03

X CENTROID: -0.025

Y CENTROID: 0.163

POA TO CENTROID: 0.165

HORZ SPREAD: 1.487

VERT SPREAD: 2.682

GROUP SPREAD: 3.024

MIN RADIUS: 0.156

MAX RADIUS: 1.962

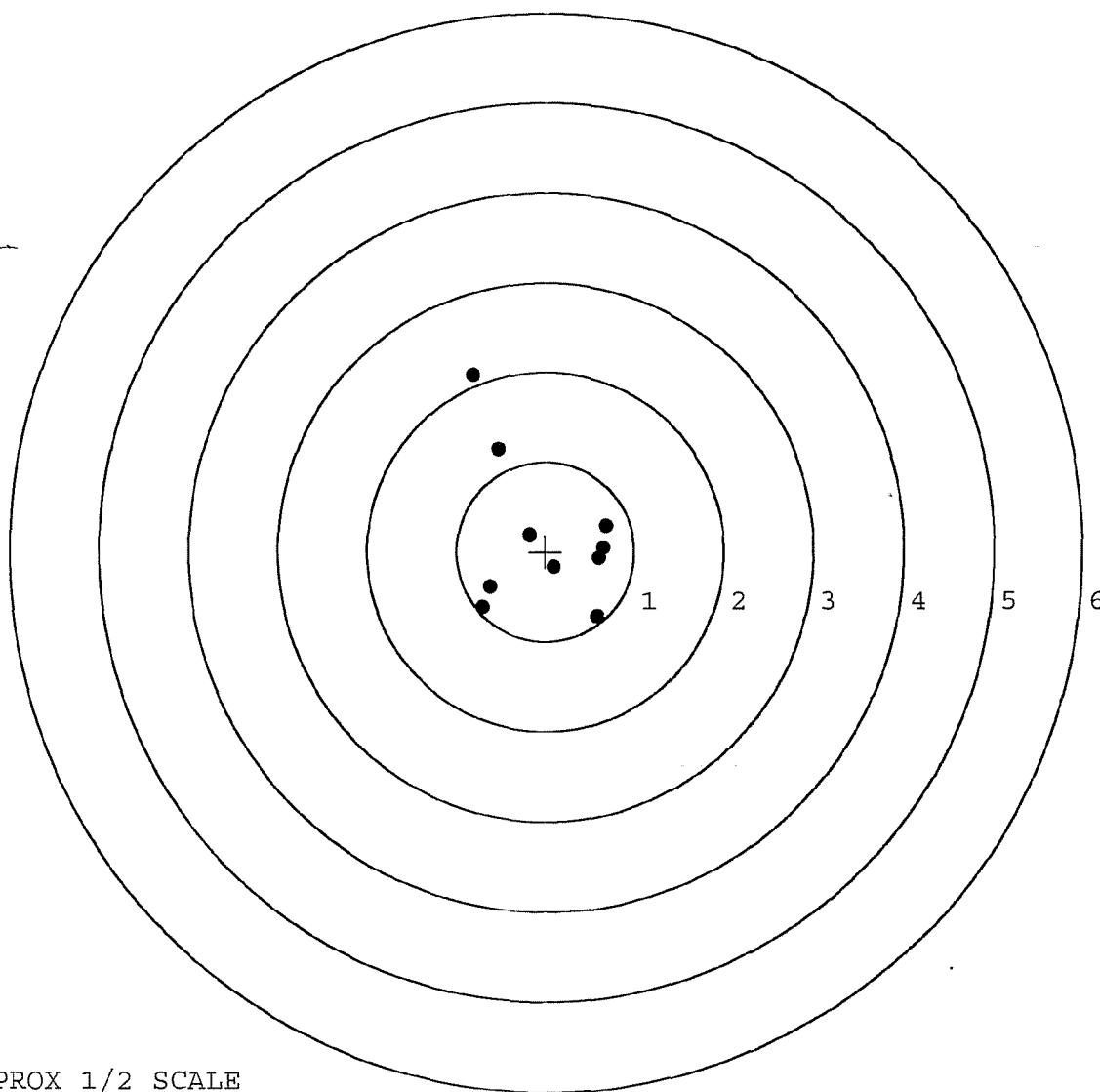
MEAN RADIUS: 0.858

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.584	-0.721
2:	-0.707	-0.632
3:	-0.621	-0.395
4:	-0.178	0.193
5:	0.095	-0.174
6:	0.602	-0.071
7:	0.650	0.047
8:	0.675	0.288
9:	-0.538	1.138
10:	-0.812	1.961



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296701. 0

TARGET NUMBER: 3

FILE DATE: 12/08/2003

FILE TIME: 20:03

X CENTROID: -0.152

Y CENTROID: 0.275

POA TO CENTROID: 0.315

HORZ SPREAD: 2.156

VERT SPREAD: 1.848

GROUP SPREAD: 2.465

MIN RADIUS: 0.112

MAX RADIUS: 1.487

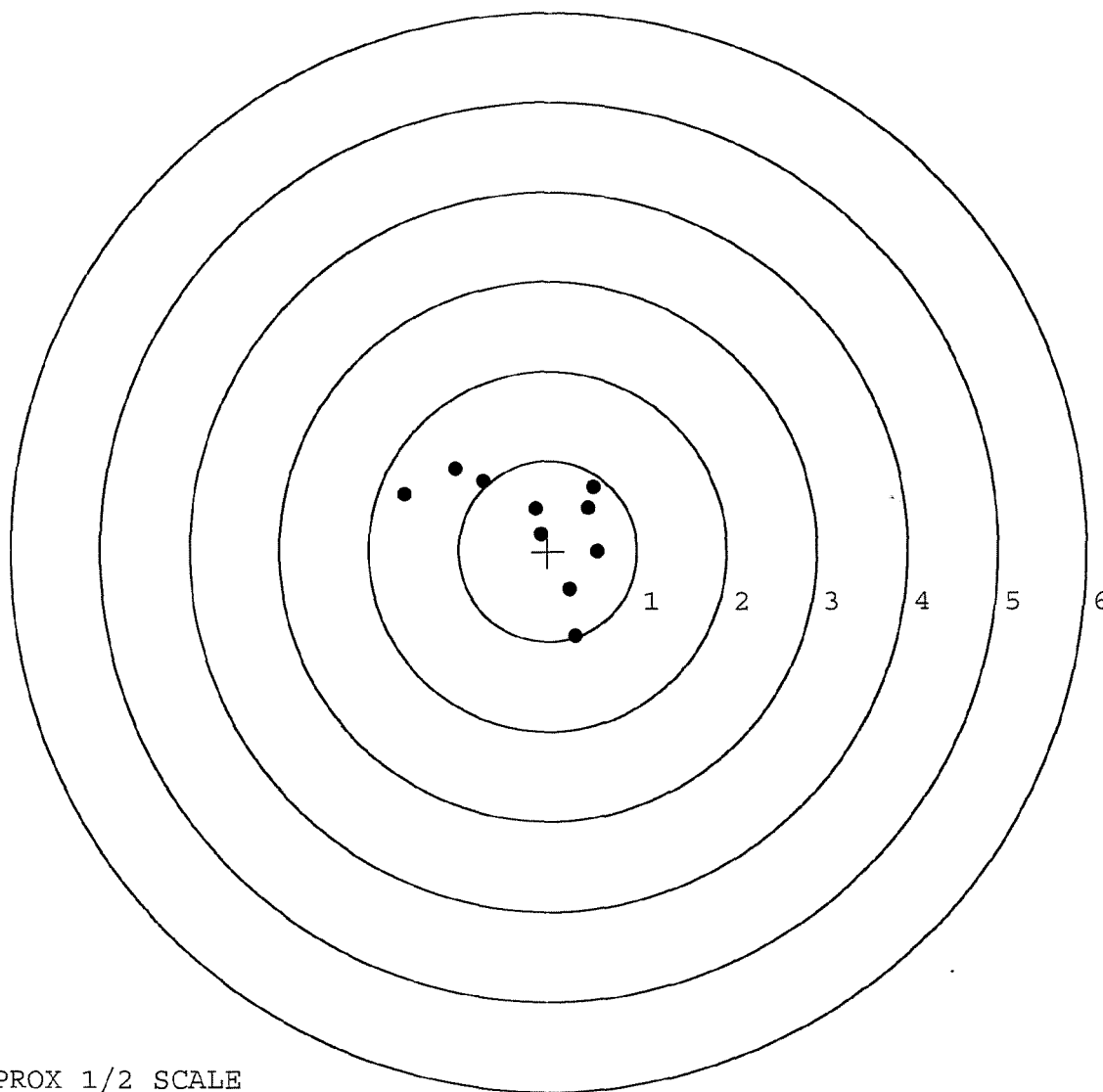
MEAN RADIUS: 0.793

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.309	-0.944
2:	0.241	-0.423
3:	0.556	-0.009
4:	0.450	0.475
5:	0.512	0.712
6:	-0.145	0.463
7:	-0.078	0.191
8:	-0.721	0.770
9:	-1.046	0.904
10:	-1.600	0.615

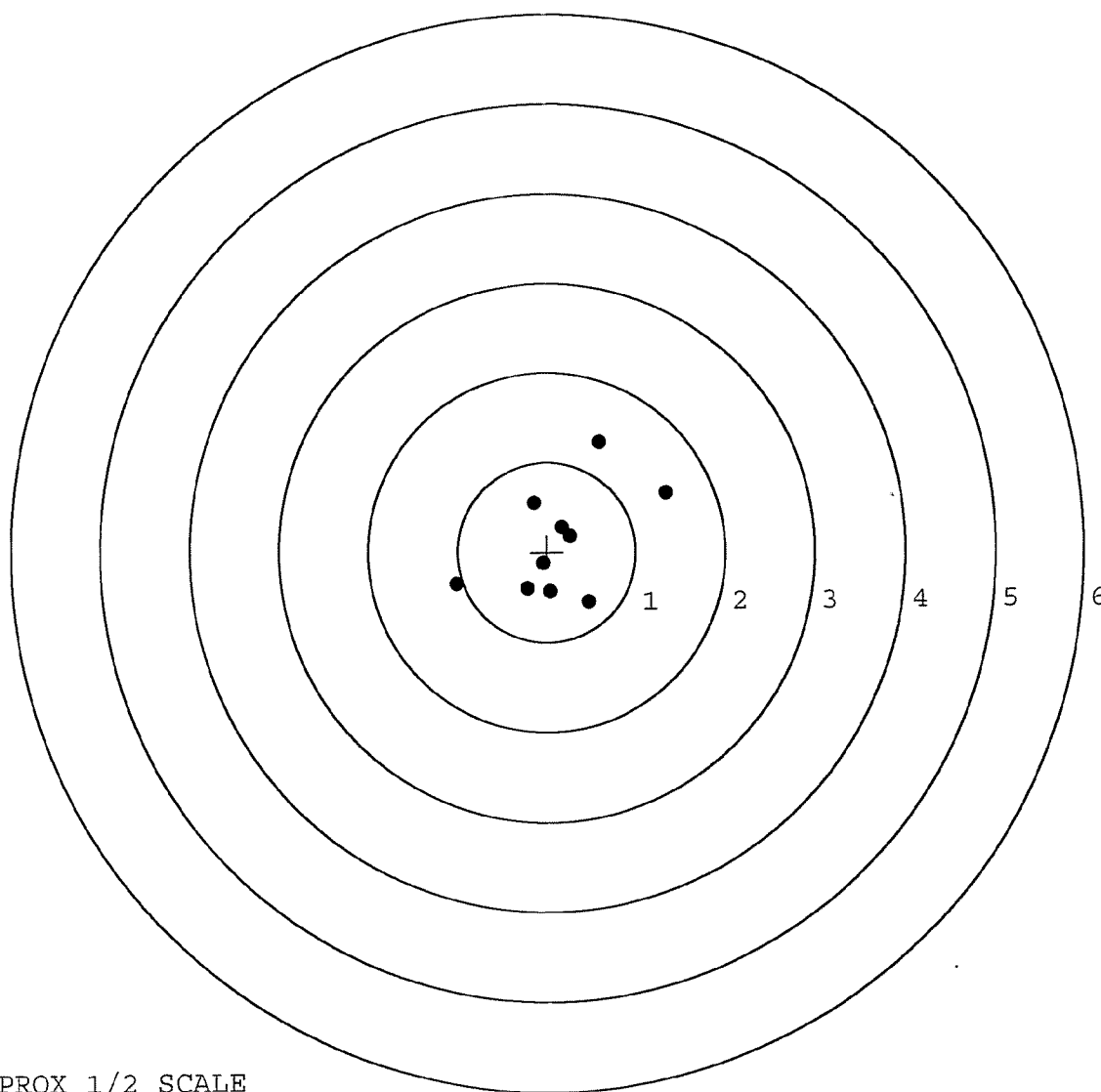


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296701. __0
TARGET NUMBER: 4
FILE DATE: 12/08/2003
FILE TIME: 20:03

X CENTROID: 0.146
Y CENTROID: 0.099
POA TO CENTROID: 0.176
HORZ SPREAD: 2.355
VERT SPREAD: 1.780
GROUP SPREAD: 2.566
MIN RADIUS: 0.143
MAX RADIUS: 1.320
MEAN RADIUS: 0.684
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.473	-0.557
2:	1.341	0.659
3:	0.596	1.223
4:	-0.143	0.551
5:	0.168	0.274
6:	0.264	0.179
7:	-1.014	-0.359
8:	-0.224	-0.408
9:	0.037	-0.444
10:	-0.041	-0.129



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296701.___0

TARGET NUMBER: 5

FILE DATE: 12/08/2003

FILE TIME: 20:03

X CENTROID: 0.130

Y CENTROID: 0.210

POA TO CENTROID: 0.247

HORZ SPREAD: 2.644

VERT SPREAD: 2.078

GROUP SPREAD: 2.744

MIN RADIUS: 0.340

MAX RADIUS: 1.459

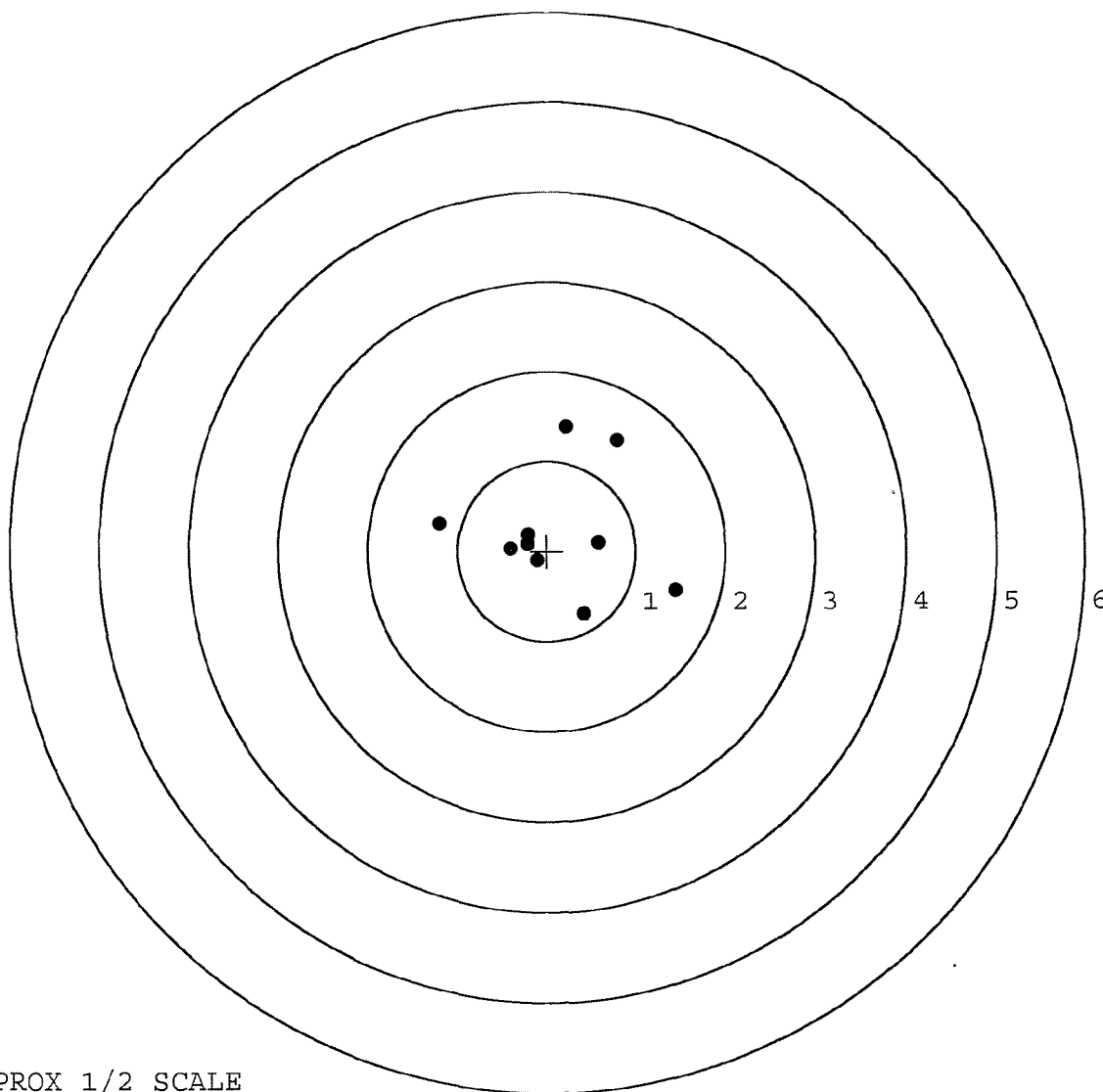
MEAN RADIUS: 0.829

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.441	-0.429
2:	0.418	-0.693
3:	0.585	0.106
4:	0.791	1.237
5:	0.214	1.385
6:	-1.203	0.306
7:	-0.209	0.185
8:	-0.413	0.028
9:	-0.108	-0.106
10:	-0.216	0.083



TARGET APPROX 1/2 SCALE