

G-6285925

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G628 5925

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		11-18-02	RL
600	PROOF		11-19-02	Ac
607	CHECK HEADSPACE		11-19-02	Ac
610	DIS-ASSEMBLE GUN		12-2-02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	RR		
615	ROLLMARK CALIBER		12-6-02	JB
617	DRILL AND TAP SIGHT HOLES		12-3-02	TRL
620	APPLY COATINGS (BARREL ACTION)		12-17	TA
	(BOLT)		12-17	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		1-2-03	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		1-2-03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		1-2-03	DA
	D) OIL FIRING PIN ASSEMBLY		1-2-03	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	OPERATION NAME	6616	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>10</u> <u>9</u> <u>9</u>	3-28-03	RW
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	<u>3</u> <u>3</u> <u>3</u>	3-28-03	RW
	H) TRIGGER PULL TEST AND RETAINABILITY				
	I) FIRING PIN INDENT	.020 MIN	<u>.0225</u> <u>.022</u> <u>.021</u>	3-28-03	RW
	J) ASSEMBLE STOCK			3-27-03	RW
	K) ASSEMBLE SWIVEL STUDS			3-28-03	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S				
	M) IRON SIGHT ALIGNMENT				
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER				
640	GALLERY TEST AND TARGET		PASS FAIL	3-28-03	✓
	MALFUNCTION		CORRECTION	3-28-03	✓
	MALFUNCTION		CORRECTION	3-28-03	✓
	MALFUNCTION		CORRECTION	3-28-03	✓
	MALFUNCTION		CORRECTION	3-28-03	✓
645	INSPECT FOR LIVE AMMO			3-28-03	✓
655	FINAL INSPECTION A) HEADSPACE			3-28-03	RW
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.90</u> <u>2.68</u> <u>2.70</u> <u>2.62</u> <u>2.53</u>	3-28-03	RW
	C) FUNCTION			3-28-03	RW
660	PACK			4/2/03	WA

2.50# ± .50#
 3.00# ± .75#
 4.00# ± 1.00#

DATE 12-17-02

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.52	2.51		2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT ABLE LESS THAN
PULL #2	2.35	2.53		2.19	
PULL #3	2.32	2.42		2.12	
PULL #4	2.25	2.47		2.21	
PULL #5	2.24	2.44		2.11	
TOTAL	11.68	12.37			
AVG.	2.33	2.47			

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.36		
PULL #2	3.49	3.33		
PULL #3	3.40	3.31		
PULL #4	3.36	3.20		
PULL #5	3.39	3.17		
TOTAL	17.08	16.37		
AVG.	3.41	3.27		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# TARGET & ACCU
PULL #1	4.41	4.40		4.15
PULL #2	4.38	4.34		4.16
PULL #3	4.44	4.35		4.15
PULL #4	4.08	4.40		4.33
PULL #5	4.36	4.49		4.17
TOTAL	21.67	21.98		20.96
AVG.	4.33	4.39		4.19

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6285925.___0
FILE DATE AND TIME: 03/29/2003 05:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.005
The Average Y Centroid of the Five Target Set:	-0.176
The Average Point of Impact of the Five Target Set:	0.177
The Average Mean Radius of the Five Target Set:	0.767
The Distance from POA to Centroid Target #1:	0.074
The Distance from Centroid Target #2 to Centroid Target #1:	0.564
The Distance from Centroid Target #3 to Centroid Target #1:	0.198
The Distance from Centroid Target #4 to Centroid Target #1:	0.203
The Distance from Centroid Target #5 to Centroid Target #1:	0.194

SERIAL NUMBER: G6285925. __0

TARGET NUMBER: 1

FILE DATE: 03/29/2003

FILE TIME: 05:15

POINT#	X	Y
1:	-0.069	-0.964
2:	0.794	-0.289
3:	0.614	-0.180
4:	0.461	-0.144
5:	0.768	0.516
6:	0.615	2.212
7:	-0.294	-0.074
8:	-0.434	-0.203
9:	-0.726	-0.376
10:	-1.001	-0.345

X CENTROID: 0.073

Y CENTROID: 0.015

POA TO CENTROID: 0.074

HORZ SPREAD: 1.795

VERT SPREAD: 3.176

GROUP SPREAD: 3.249

MIN RADIUS: 0.378

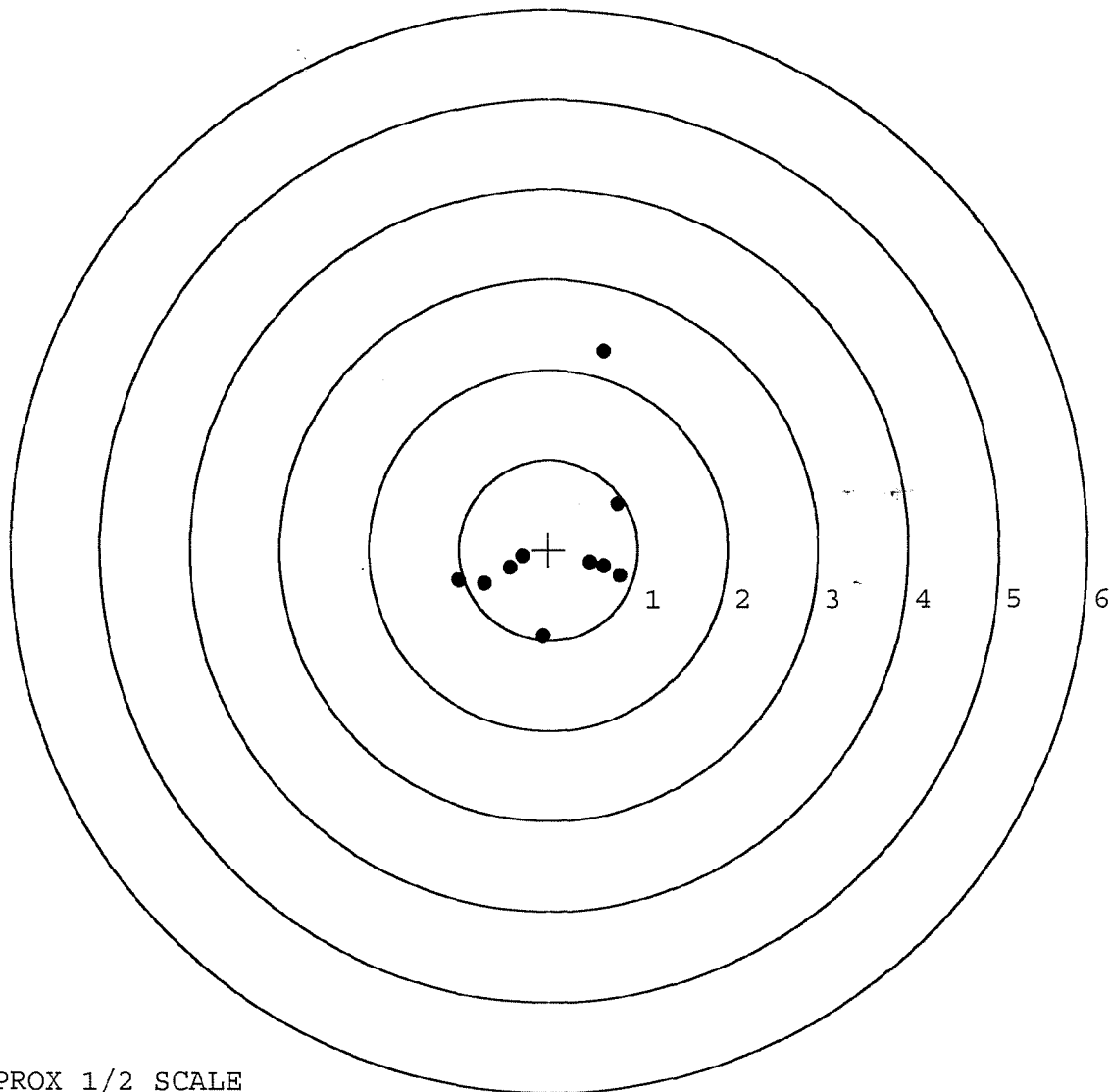
MAX RADIUS: 2.263

MEAN RADIUS: 0.884

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285925. 0

TARGET NUMBER: 2

FILE DATE: 03/29/2003

FILE TIME: 05:15

POINT#	X	Y
1:	0.423	-1.093
2:	-0.621	-1.442
3:	-1.001	-1.138
4:	-0.807	-0.906
5:	-0.641	-0.655
6:	-0.373	-0.381
7:	0.322	-0.107
8:	-0.176	0.107
9:	0.051	0.385
10:	0.234	0.816

X CENTROID: -0.259

Y CENTROID: -0.441

POA TO CENTROID: 0.512

HORZ SPREAD: 1.424

VERT SPREAD: 2.258

GROUP SPREAD: 2.414

MIN RADIUS: 0.129

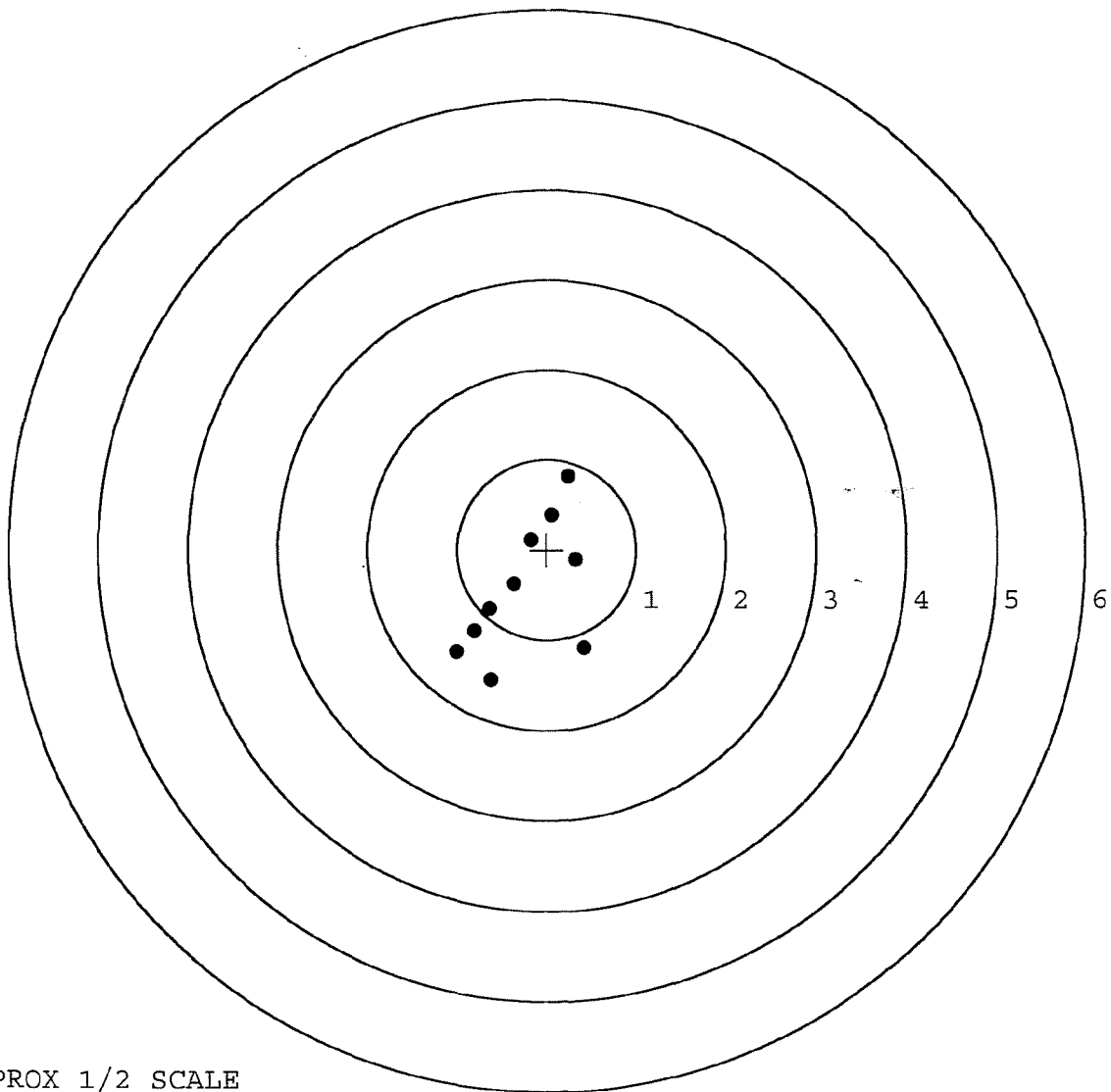
MAX RADIUS: 1.351

MEAN RADIUS: 0.777

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285925. __ 0

TARGET NUMBER: 3

FILE DATE: 03/29/2003

FILE TIME: 05:15

X CENTROID: -0.030

Y CENTROID: -0.154

POA TO CENTROID: 0.157

HORZ SPREAD: 2.727

VERT SPREAD: 1.522

GROUP SPREAD: 2.787

MIN RADIUS: 0.058

MAX RADIUS: 1.624

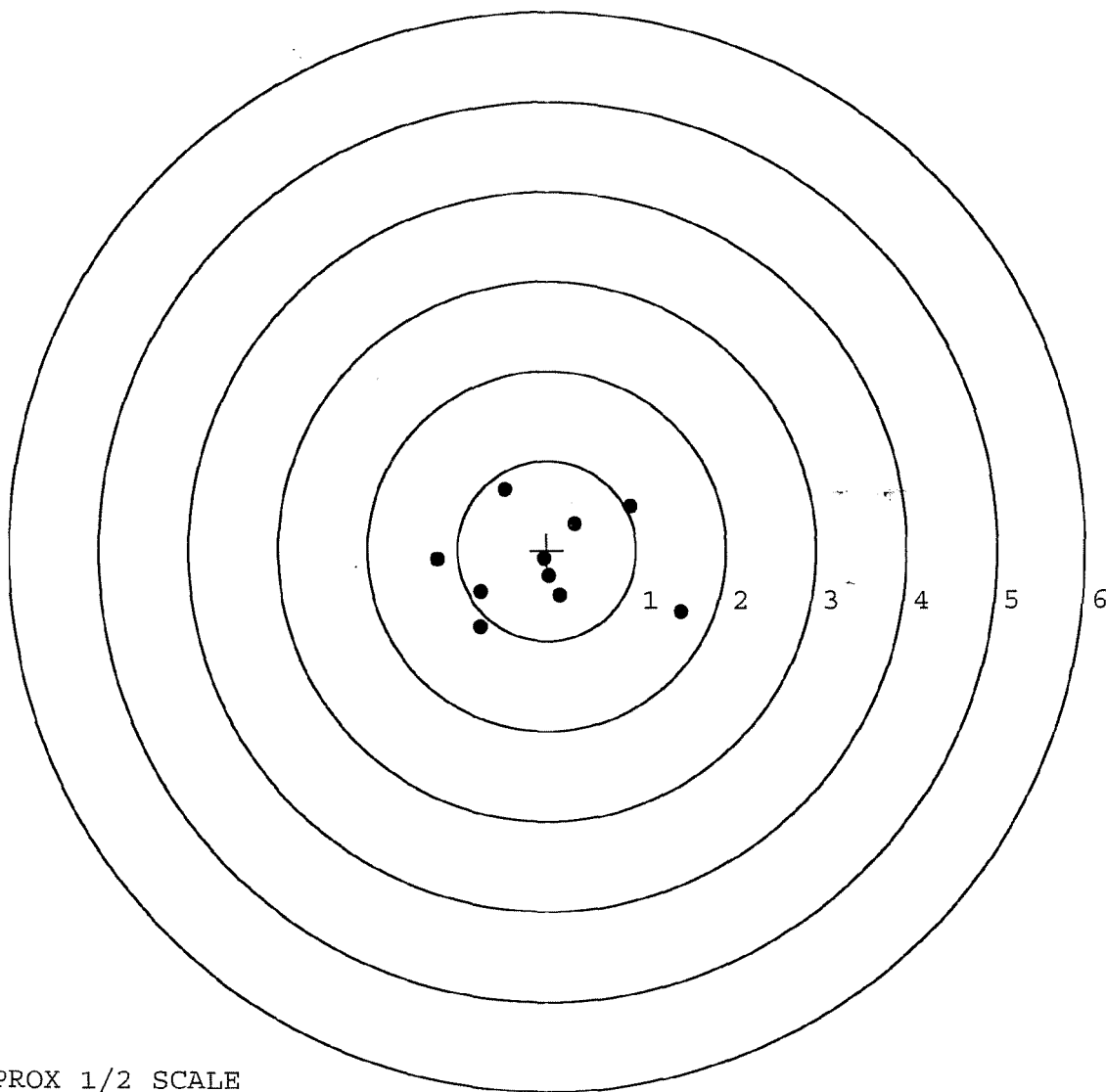
MEAN RADIUS: 0.784

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.506	-0.683
2:	0.939	0.488
3:	0.312	0.288
4:	-0.480	0.674
5:	-0.038	-0.096
6:	0.023	-0.288
7:	0.144	-0.501
8:	-0.741	-0.848
9:	-0.741	-0.463
10:	-1.221	-0.108



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285925. __0

TARGET NUMBER: 4

FILE DATE: 03/29/2003

FILE TIME: 05:15

X CENTROID: 0.215

Y CENTROID: -0.129

POA TO CENTROID: 0.251

HORZ SPREAD: 2.352

VERT SPREAD: 1.432

GROUP SPREAD: 2.496

MIN RADIUS: 0.389

MAX RADIUS: 1.491

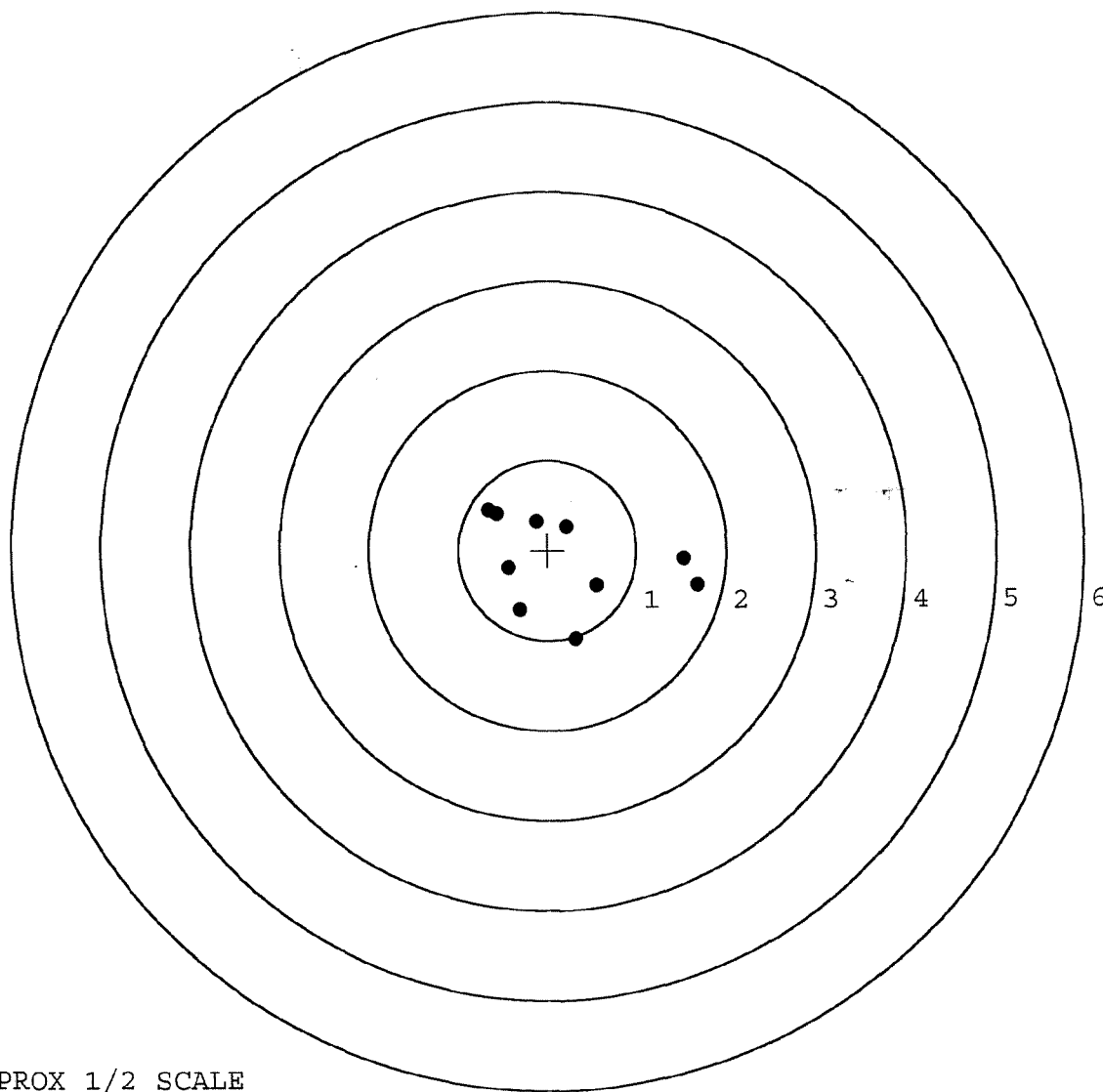
MEAN RADIUS: 0.847

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.683	-0.388
2:	1.532	-0.097
3:	0.547	-0.391
4:	0.318	-0.985
5:	-0.318	-0.663
6:	-0.445	-0.196
7:	0.209	0.260
8:	-0.128	0.317
9:	-0.669	0.447
10:	-0.577	0.408



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6285925. 0

TARGET NUMBER: 5

FILE DATE: 03/29/2003

FILE TIME: 05:15

POINT#	X	Y
1:	0.865	0.034
2:	0.462	-0.010
3:	0.068	0.180
4:	-0.774	-0.284
5:	-0.715	0.802
6:	0.233	-0.763
7:	0.206	-0.550
8:	0.017	-0.479
9:	0.028	-0.261
10:	-0.120	-0.405

X CENTROID: 0.027

Y CENTROID: -0.174

POA TO CENTROID: 0.176

HORZ SPREAD: 1.639

VERT SPREAD: 1.565

GROUP SPREAD: 1.830

MIN RADIUS: 0.087

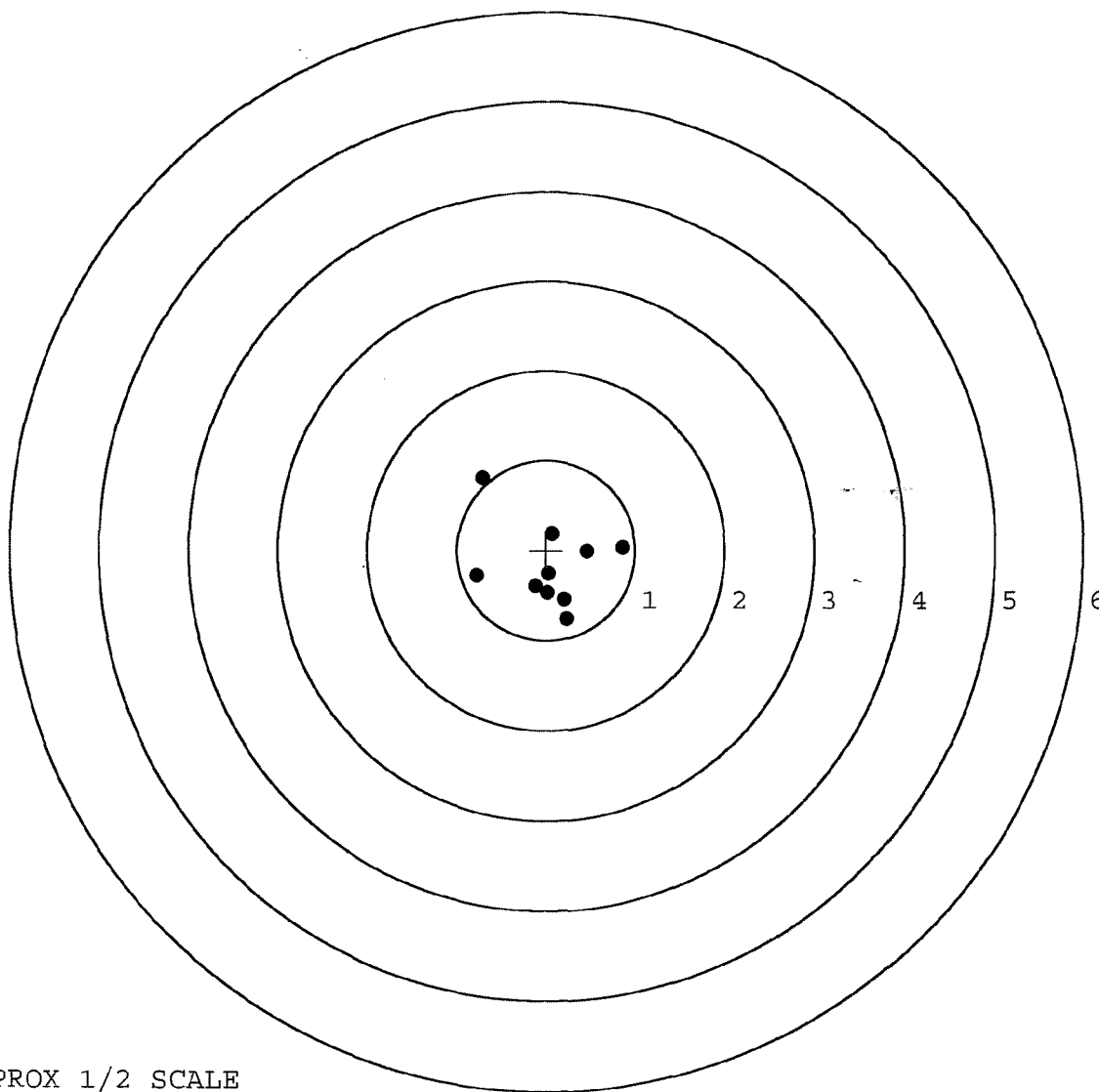
MAX RADIUS: 1.226

MEAN RADIUS: 0.543

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE