

G-6296844
Repha
C. 6225362

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296844.__1
FILE DATE AND TIME: 07/12/2006 08:34

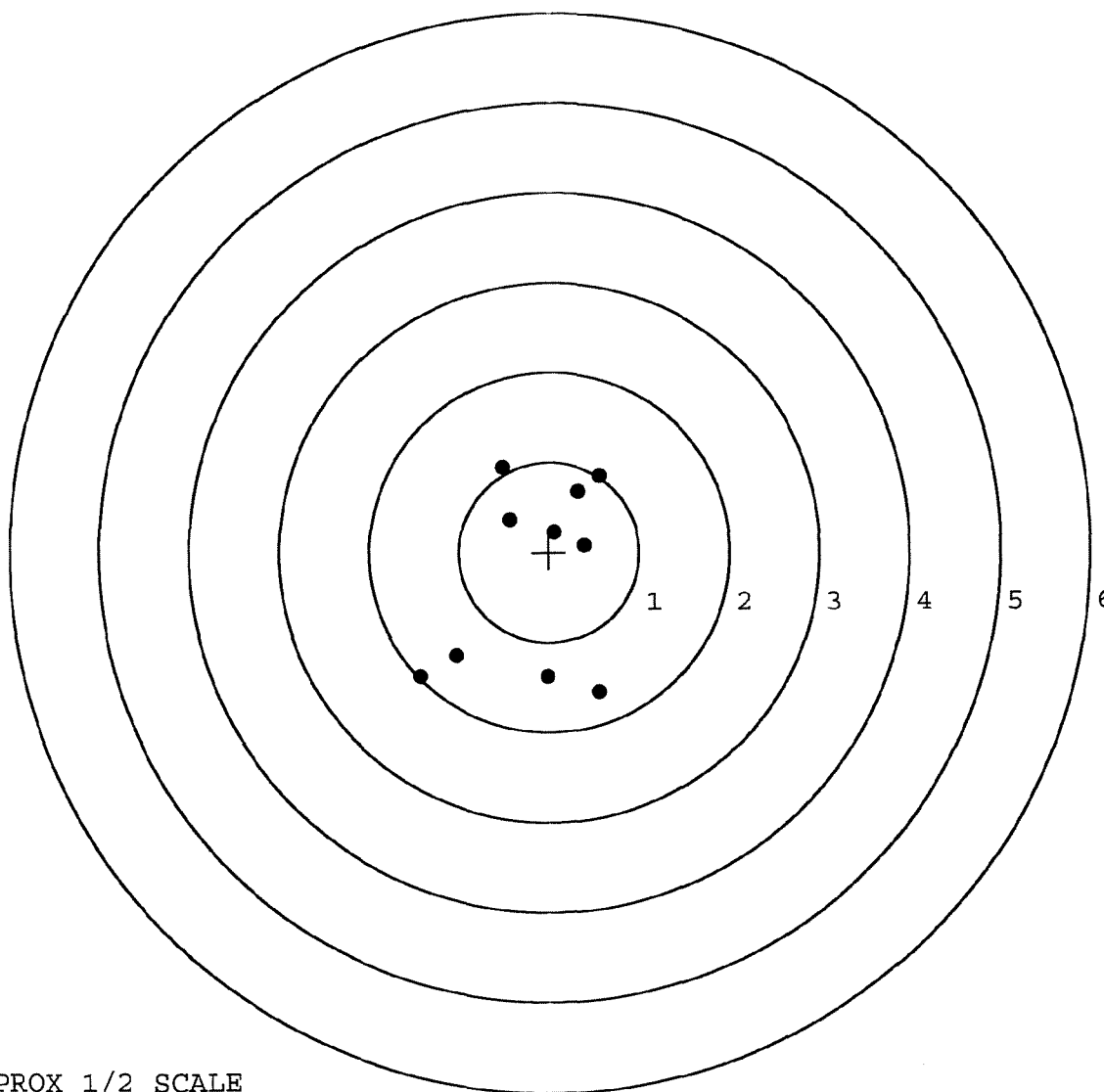
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	-0.104
The Average Point of Impact of the Five Target Set:	0.106
The Average Mean Radius of the Five Target Set:	0.748
The Distance from POA to Centroid Target #1:	0.279
The Distance from Centroid Target #2 to Centroid Target #1:	0.314
The Distance from Centroid Target #3 to Centroid Target #1:	0.264
The Distance from Centroid Target #4 to Centroid Target #1:	0.361
The Distance from Centroid Target #5 to Centroid Target #1:	0.143

SERIAL NUMBER: G6296844. __1
TARGET NUMBER: 1
FILE DATE: 07/12/2006
FILE TIME: 08:34

X CENTROID: -0.152
Y CENTROID: -0.234
POA TO CENTROID: 0.279
HORZ SPREAD: 1.991
VERT SPREAD: 2.496
GROUP SPREAD: 2.994
MIN RADIUS: 0.503
MAX RADIUS: 1.720
MEAN RADIUS: 1.101
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.559	0.852
2:	0.326	0.680
3:	0.398	0.085
4:	0.062	0.221
5:	-0.436	0.364
6:	-0.518	0.941
7:	0.557	-1.555
8:	-0.015	-1.389
9:	-1.021	-1.159
10:	-1.432	-1.384



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296844. __1

TARGET NUMBER: 2

FILE DATE: 07/12/2006

FILE TIME: 08:34

X CENTROID: 0.077

Y CENTROID: -0.020

POA TO CENTROID: 0.080

HORZ SPREAD: 2.391

VERT SPREAD: 1.810

GROUP SPREAD: 2.779

MIN RADIUS: 0.198

MAX RADIUS: 1.446

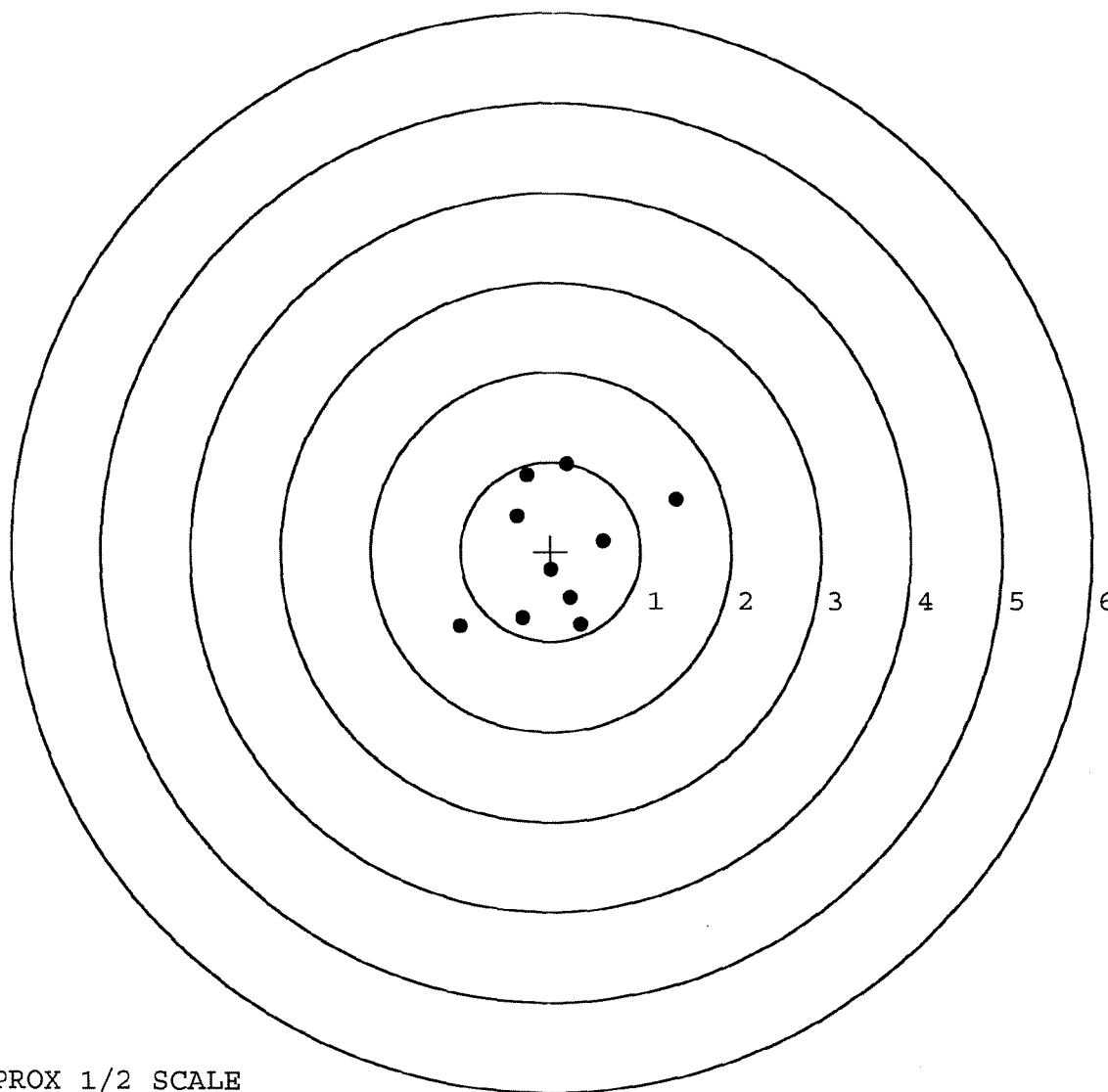
MEAN RADIUS: 0.826

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.392	0.582
2:	0.584	0.122
3:	0.344	-0.820
4:	0.224	-0.519
5:	0.006	-0.204
6:	-0.311	-0.750
7:	-0.999	-0.834
8:	-0.375	0.398
9:	-0.267	0.851
10:	0.175	0.976

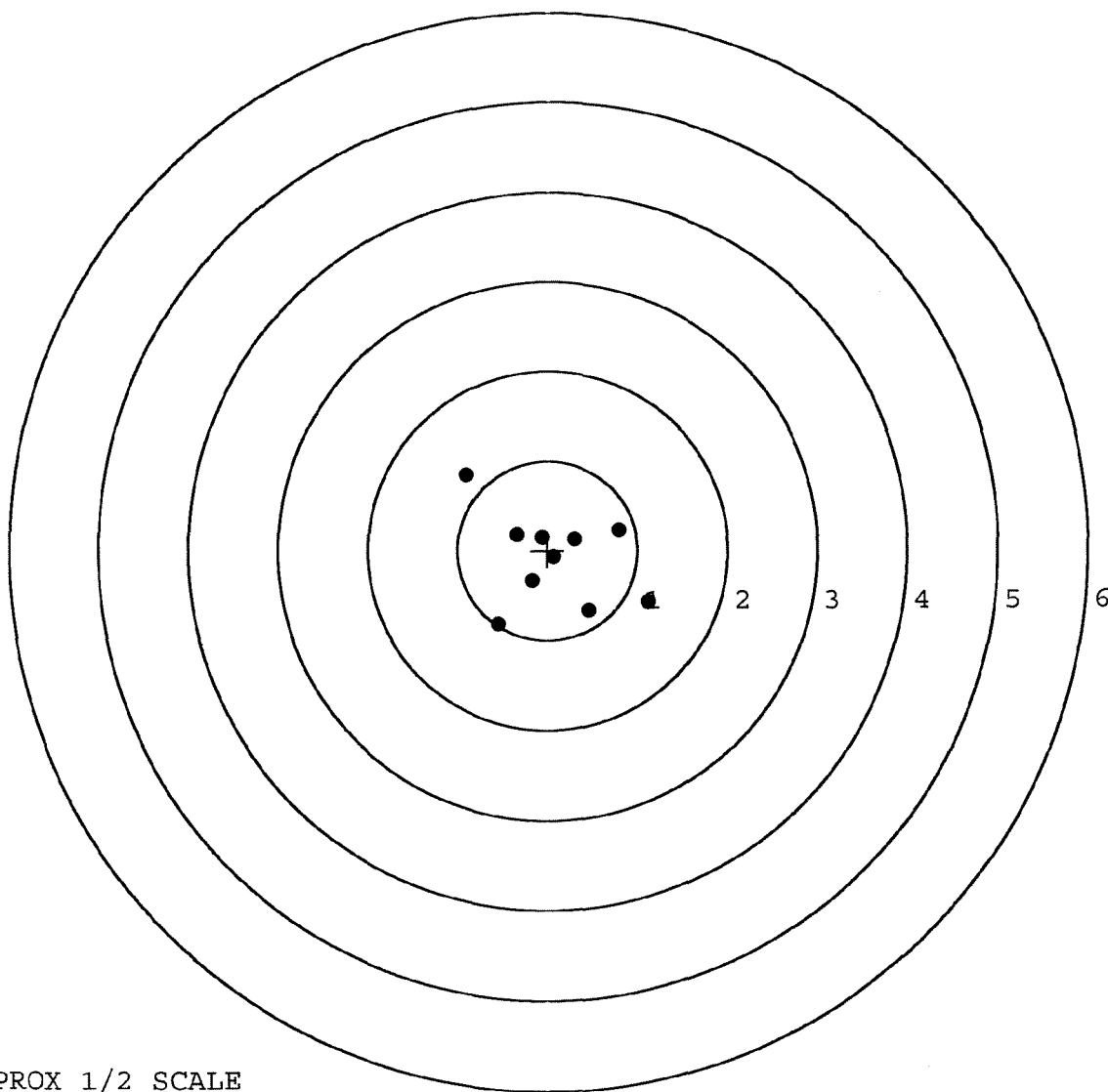


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296844. __1
TARGET NUMBER: 3
FILE DATE: 07/12/2006
FILE TIME: 08:34

POINT#	X	Y
1:	1.117	-0.575
2:	0.466	-0.672
3:	-0.551	-0.822
4:	0.792	0.229
5:	-0.904	0.843
6:	0.311	0.126
7:	-0.056	0.142
8:	-0.335	0.174
9:	-0.170	-0.343
10:	0.073	-0.079

X CENTROID: 0.074
Y CENTROID: -0.098
POA TO CENTROID: 0.123
HORZ SPREAD: 2.021
VERT SPREAD: 1.665
GROUP SPREAD: 2.469
MIN RADIUS: 0.019
MAX RADIUS: 1.357
MEAN RADIUS: 0.640
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296844. __1

TARGET NUMBER: 4

FILE DATE: 07/12/2006

FILE TIME: 08:34

POINT#	X	Y
1:	1.144	-0.024
2:	0.749	0.272
3:	0.642	0.000
4:	0.161	-1.051
5:	-0.843	0.065
6:	-0.091	0.343
7:	-0.180	0.292
8:	-0.306	0.042
9:	-0.134	-0.318
10:	0.266	0.145

X CENTROID: 0.141

Y CENTROID: -0.023

POA TO CENTROID: 0.143

HORZ SPREAD: 1.987

VERT SPREAD: 1.394

GROUP SPREAD: 1.501

MIN RADIUS: 0.210

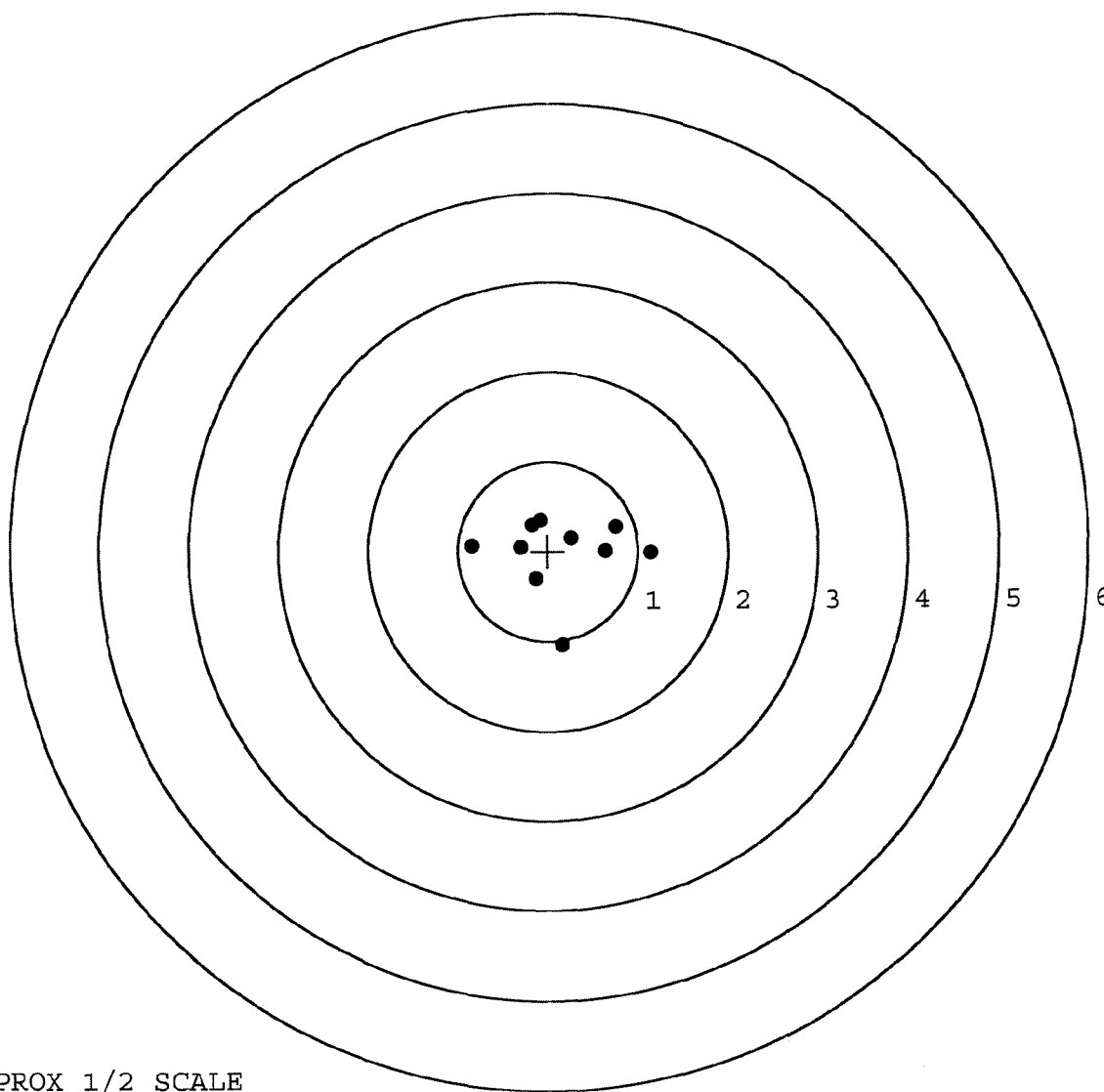
MAX RADIUS: 1.028

MEAN RADIUS: 0.614

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

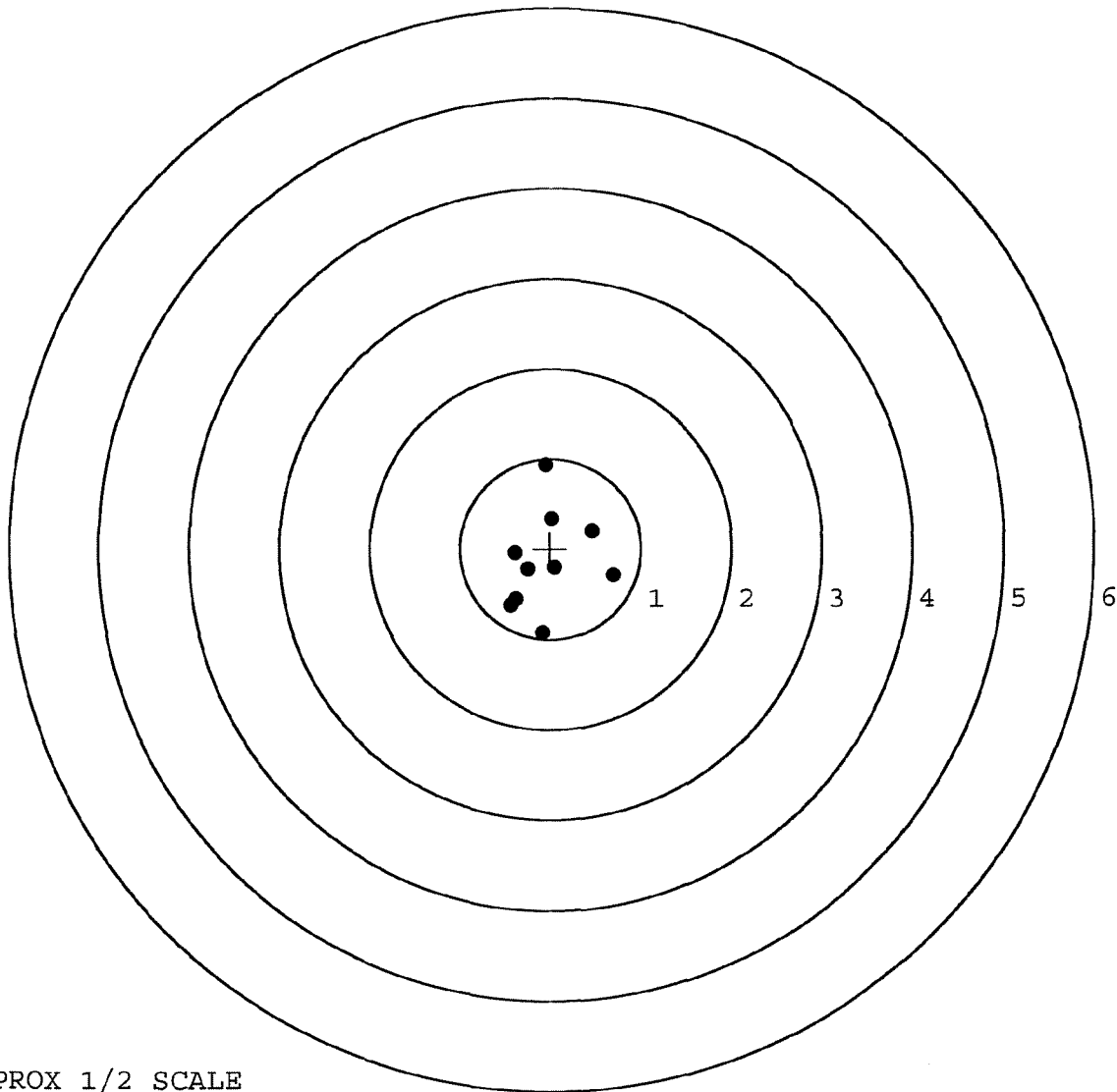


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296844. __1
TARGET NUMBER: 5
FILE DATE: 07/12/2006
FILE TIME: 08:34

X CENTROID: -0.040
Y CENTROID: -0.146
POA TO CENTROID: 0.151
HORZ SPREAD: 1.142
VERT SPREAD: 1.862
GROUP SPREAD: 1.862
MIN RADIUS: 0.114
MAX RADIUS: 1.074
MEAN RADIUS: 0.557
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.697	-0.295
2:	-0.088	-0.934
3:	-0.445	-0.630
4:	-0.386	-0.561
5:	-0.391	-0.053
6:	-0.249	-0.228
7:	0.053	-0.212
8:	0.461	0.195
9:	0.007	0.328
10:	-0.056	0.928



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER		113041		Fort Bragg	
SERIAL NUMBER		G 6296844			
LOG-IN DATE		5-31-06			
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		6-13-06	AC	
505	RE-BARREL		6-15-06	AC	
560	ASSEMBLE		6-22-06	AC	
600	PROOF	MAGNA - FLUX INSPECTED JUN 17 2006 OPERATOR <u>APD</u>	6-22-06	AC	
605	CHECK HEADSPACE		6-22-06	AC	
610	DIS-ASSEMBLE GUN		6-22-06	AC	
612	MAGNAFLUX		6-27-06	APD	
510	DRILL AND TAP		6-26-06	TRW	
615	ROLLMARK CALIBER		6-27-06	CW	
618	ROTO-BLAST		6-29-06	CB	
620	APPLY COATINGS		7/6	40	
625	FINAL ASSEMBLY		7-10-06	AC	
640	FUNCTION TEST AND	PASS FAIL	7-12-06	TRW	
650	TARGET	PASS FAIL	7-12-06	TRW	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION		7-12-06	BD	
	A) HEADSPACE	PASS FAIL	7-13-06	APD	
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.72 2.82 2.81 2.61 2.87	7-13-06	RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.5 5.5 5.5	7-13-06	RA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5	7-13-06	RA
	I) FIRING PIN INDENT	.020	.021 .020 .021	7-13-06	RA
690	PACK			8-4-06	RA

nagletj	9/30/2003	8:41 AM	CAPS	NUM	INS	SCPL	
U start	CS Micro	4 More...	My Doc	Search for	Arms Ser...	Part Ser...	8:41 AM

G 629684ff (New)

Serial Number: **C6225362**

Model: **700**



RE00070748

FINAL INSPECTION CHECKLIST M-24 REPAIRS

6225362

CONTRACT #: DAAE-20-02-D-0127

SERIAL # G629 6844 New

INSPECTED BY: RTZ

DATE REC'D: 9-30-03

DATE RET'D: 10-30-03

ITEM

BARREL ASSEMBLY

 ☒ BARREL
 ☒ RECEIVER
 ☒ FRONT SIGHT BASE
 ☒ REAR SIGHT BASE
 ☒ SCREWS
 ☒ FINISH

SCOPE ASSEMBLY

 ☒ SCOPE
 ☒ SCOPE RINGS
 ☒ MOUNTING SCREWS
 ☒ MOUNTING BASE
 ☒ SCREWS
 ☒ FINISH
 ☒ CLARITY

ITEM

STOCK ASSEMBLY

 ☒ STOCK
 ☒ SLING AWIVEL STUDS
 ☒ ADJUSTABLE
 ☒ BUTT PLATE
 ☒ LOCK NUTS
 ☒ BARREL CLEARANCE
 ☒ COLOR / FINISH

SYSTEMS CASE

 ☒ SCOPE CASE
 ☒ IRON SIGHTS
 ☒ DEPLOYMENT KIT

TRIGGER ASSEMBLY

 ☒ SAFETY OPERATION
 ☒ RE-SET TO FACTORY SPECS

COMMENTS:

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6296844.___0
FILE DATE AND TIME: 10/30/2003 09:03

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.029
The Average Y Centroid of the Five Target Set:	0.042
The Average Point of Impact of the Five Target Set:	0.051
The Average Mean Radius of the Five Target Set:	0.739
The Distance from POA to Centroid Target #1:	0.175
The Distance from Centroid Target #2 to Centroid Target #1:	0.213
The Distance from Centroid Target #3 to Centroid Target #1:	0.380
The Distance from Centroid Target #4 to Centroid Target #1:	0.193
The Distance from Centroid Target #5 to Centroid Target #1:	0.112

SERIAL NUMBER: G6296844. __0

TARGET NUMBER: 1

FILE DATE: 10/30/2003

FILE TIME: 09:03

X CENTROID: 0.164

Y CENTROID: 0.063

POA TO CENTROID: 0.175

HORZ SPREAD: 2.564

VERT SPREAD: 2.304

GROUP SPREAD: 3.151

MIN RADIUS: 0.316

MAX RADIUS: 1.691

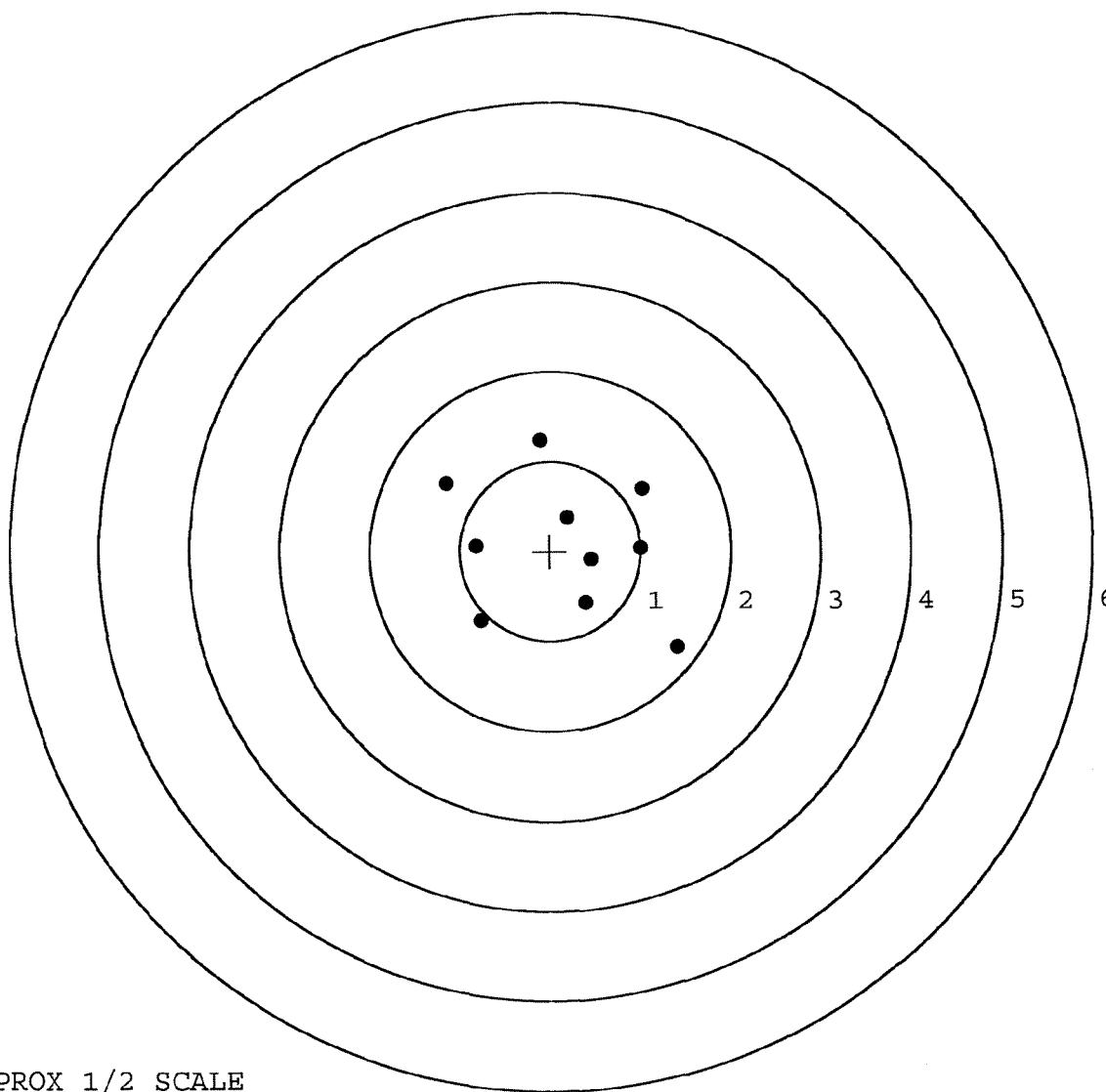
MEAN RADIUS: 0.984

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.110	1.227
2:	-1.151	0.754
3:	-0.814	0.060
4:	0.192	0.378
5:	1.019	0.699
6:	1.003	0.036
7:	0.457	-0.091
8:	0.399	-0.574
9:	-0.772	-0.780
10:	1.413	-1.077



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296844. __ 0

TARGET NUMBER: 2

FILE DATE: 10/30/2003

FILE TIME: 09:03

POINT#	X	Y
1:	0.914	0.330
2:	0.579	0.342
3:	0.027	0.375
4:	-0.524	0.642
5:	-0.578	0.473
6:	-0.758	-0.279
7:	-0.746	-0.513
8:	-0.058	-0.498
9:	0.050	-0.662
10:	0.725	-0.300

X CENTROID: -0.037

Y CENTROID: -0.009

POA TO CENTROID: 0.038

HORZ SPREAD: 1.672

VERT SPREAD: 1.304

GROUP SPREAD: 1.862

MIN RADIUS: 0.389

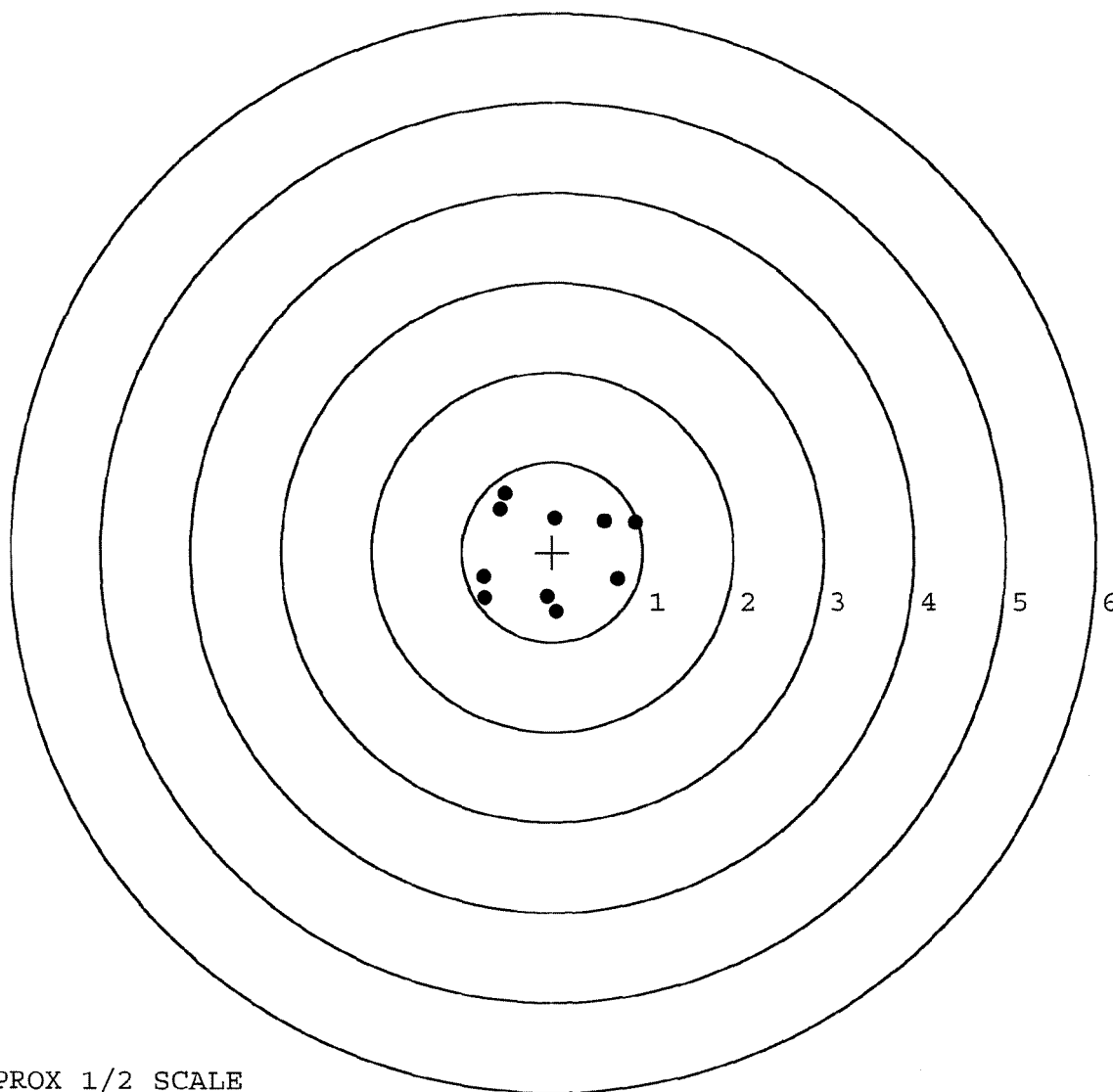
MAX RADIUS: 1.010

MEAN RADIUS: 0.725

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296844. __ 0

TARGET NUMBER: 3

FILE DATE: 10/30/2003

FILE TIME: 09:03

POINT#	X	Y
1:	0.660	0.954
2:	-0.837	0.215
3:	-0.941	0.008
4:	-1.098	0.061
5:	-0.049	0.338
6:	0.291	-0.084
7:	-0.048	-0.275
8:	-0.184	-0.060
9:	0.088	-0.008
10:	0.009	0.156

X CENTROID: -0.211

Y CENTROID: 0.130

POA TO CENTROID: 0.248

HORZ SPREAD: 1.758

VERT SPREAD: 1.229

GROUP SPREAD: 1.972

MIN RADIUS: 0.192

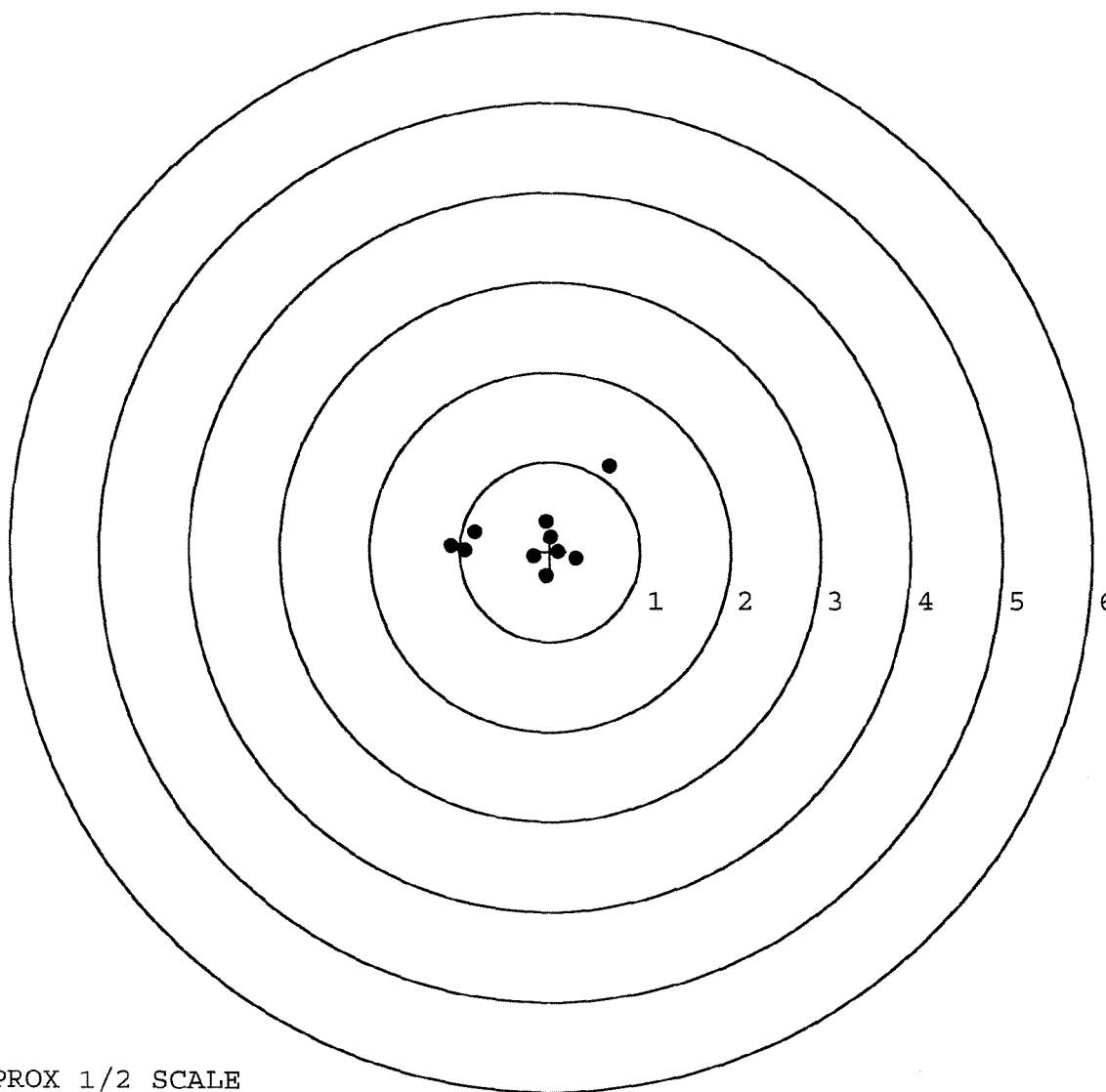
MAX RADIUS: 1.199

MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

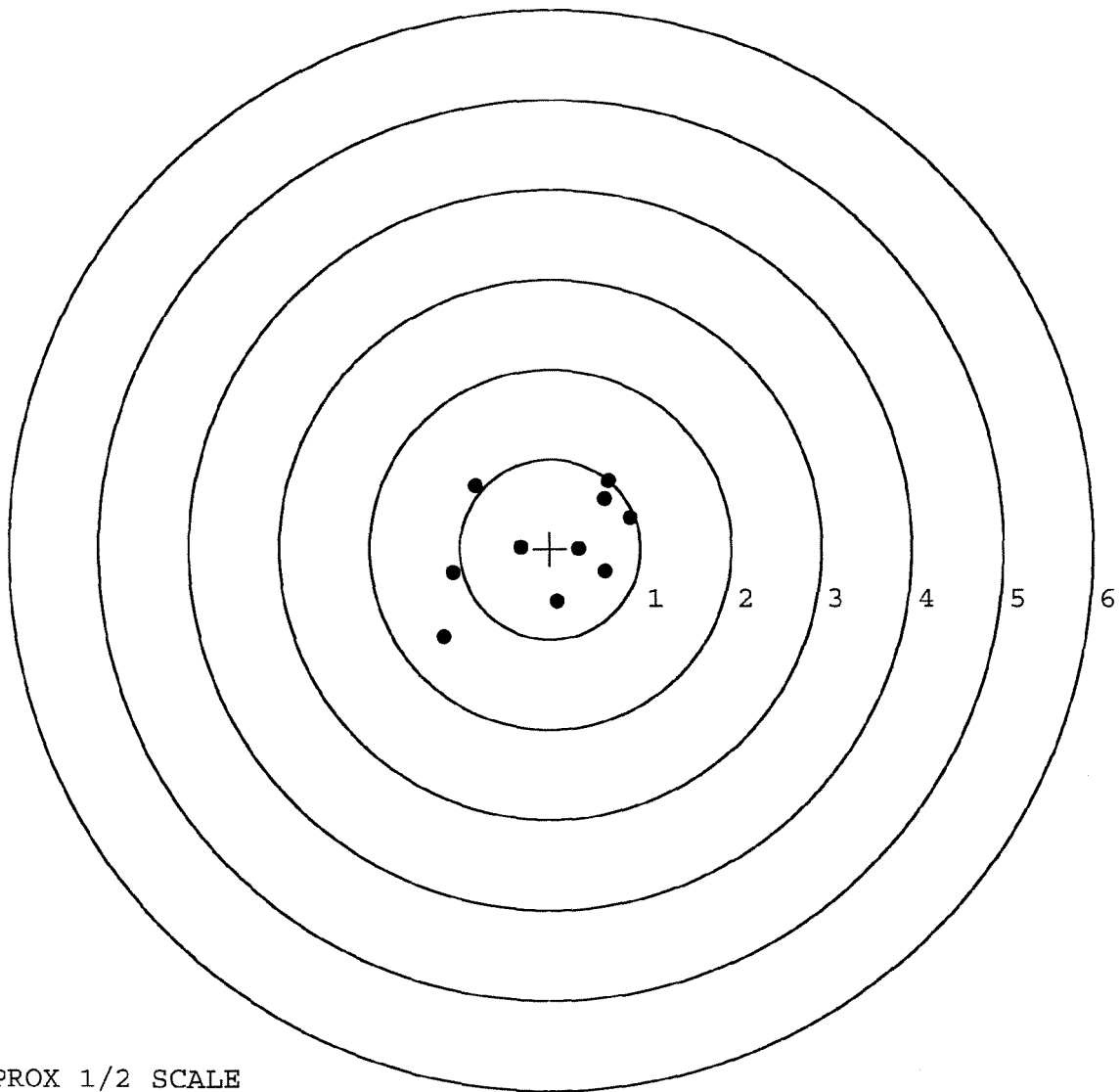


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296844. __0
TARGET NUMBER: 4
FILE DATE: 10/30/2003
FILE TIME: 09:03

X CENTROID: -0.026
Y CENTROID: 0.029
POA TO CENTROID: 0.039
HORZ SPREAD: 2.064
VERT SPREAD: 1.740
GROUP SPREAD: 2.519
MIN RADIUS: 0.299
MAX RADIUS: 1.532
MEAN RADIUS: 0.842
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.644	0.759
2:	0.886	0.347
3:	0.322	0.006
4:	0.608	-0.256
5:	0.082	-0.588
6:	-0.325	0.018
7:	-0.829	0.704
8:	-1.074	-0.277
9:	-1.178	-0.981
10:	0.603	0.556

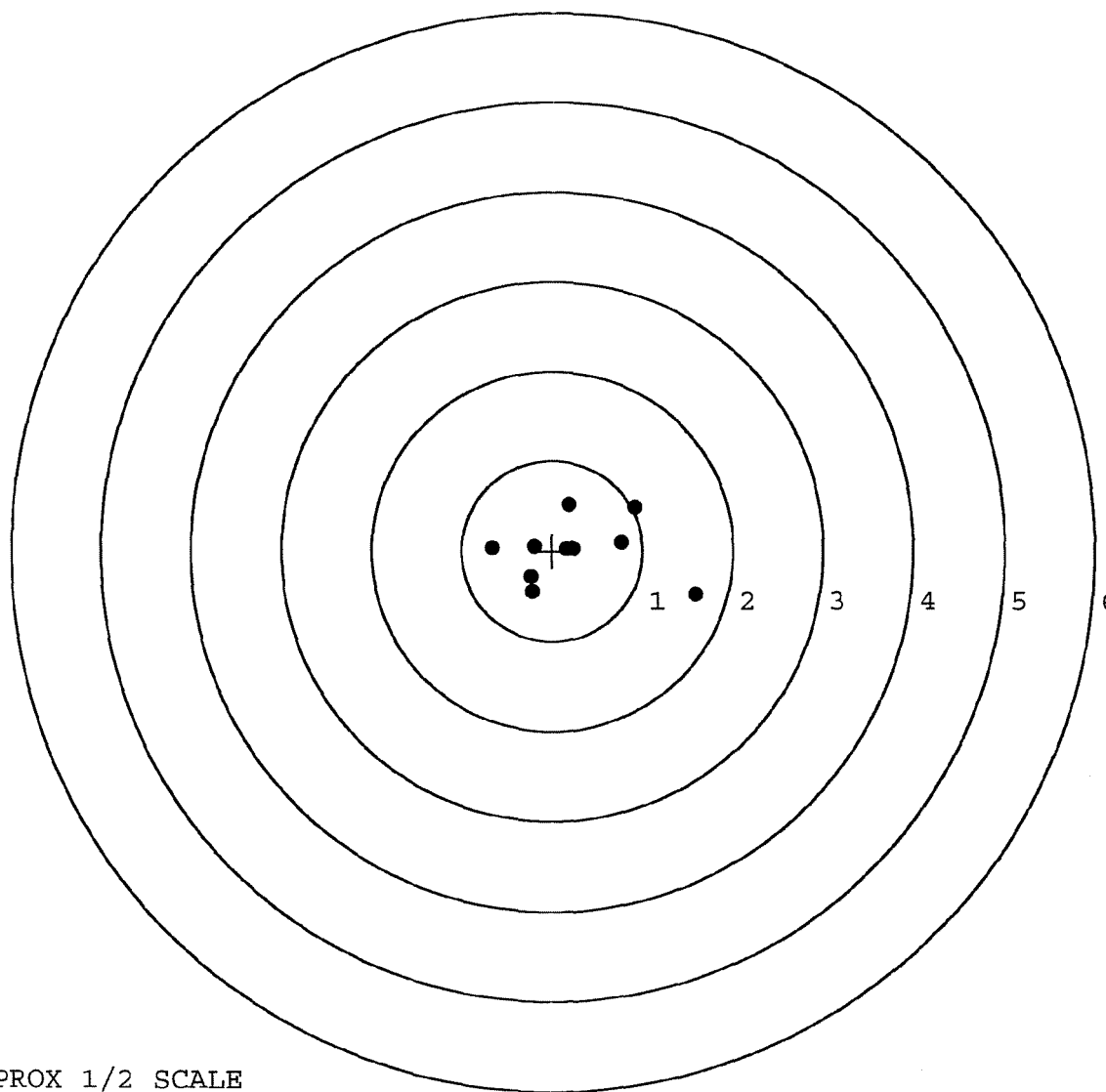


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6296844. __0
TARGET NUMBER: 5
FILE DATE: 10/30/2003
FILE TIME: 09:03

POINT#	X	Y
1:	0.191	0.509
2:	0.914	0.482
3:	0.160	0.023
4:	0.773	0.089
5:	-0.196	0.050
6:	-0.662	0.031
7:	-0.237	-0.290
8:	-0.223	-0.458
9:	1.592	-0.485
10:	0.237	0.027

X CENTROID: 0.255
Y CENTROID: -0.002
POA TO CENTROID: 0.255
HORZ SPREAD: 2.254
VERT SPREAD: 0.994
GROUP SPREAD: 2.312
MIN RADIUS: 0.034
MAX RADIUS: 1.422
MEAN RADIUS: 0.601
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	70748		
SERIAL NUMBER	C6223362		G6296844
LOG-IN DATE	9-30-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-4-03	RTL
560 A	RE-BARREL	10-7-03	RTL
B	DRILL AND TAP	10-9-03	TRW
575	ASSEMBLE	10-7-03	RTL
600	PROOF		
605	CHECK HEADSPACE	10-8-03	RTL
610	DIS-ASSEMBLE GUN	10-8-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	10-11-03	1/3
618	ROTO-BLAST	10/13/2003	Dons.
620	APPLY COATINGS	10-14	TA
625 A	FINAL ASSEMBLY	10-16-03	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-30-03	AC
655	FINAL INSPECT	10-30-03	RTL
660	PACK	10-30-03	DA
		SHIP DATE	
QAR INSPECTION DATE			