

G6300527

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00111039** Serial: G6300527 Model: M24 SWS - Center Fire
 Verify Repair: **High Priority** Caliber: 7.62 NATO Repairman: _____ Status: **Closed 4/12/2006 1:37:38 PM**

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **60 AERIAL PORT SQD, TRTCD**
 Address 1: **TRAFFIC MANAGEMENT OFFICE**
 Address 2: **BLDG 977 90 RAGSDALE ST** PO Box: _____
 City: **TRAVIS AFB**
 State: **CA** Zip Code: **94535** Country: **US**
 State: **CA** Zip Code: **94535** Country: **US**

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: **NA**
 Fax: _____
 Email: _____
 Comments: _____

Received Condition

Condition: **Fair**
 Condition Notes: _____
 CSR Notes: _____

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

maglet 4/12/2006 1:51 PM CAPS NUM INS SCRL

stan 5 M. Ar... 3 L. 2 M. Pet... Par... SA... 1:51 PM

Serial Number: **G6300527**

Model: **M24 SWS**



RE00111039

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300527.__1
FILE DATE AND TIME: 05/22/2006 16:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

Avg. mean Radius: .718

SERIAL NUMBER: G6300527. __1

TARGET NUMBER: 1

FILE DATE: 05/22/2006

FILE TIME: 16:26

POINT#	X	Y
1:	-0.104	0.719
2:	0.056	0.547
3:	0.087	0.223
4:	0.194	-0.057
5:	0.457	0.212
6:	0.669	0.476
7:	-0.131	-0.228
8:	-0.893	-0.589
9:	0.588	-1.029
10:	0.293	-1.612

X CENTROID: 0.122

Y CENTROID: -0.134

POA TO CENTROID: 0.181

HORZ SPREAD: 1.562

VERT SPREAD: 2.331

GROUP SPREAD: 2.365

MIN RADIUS: 0.106

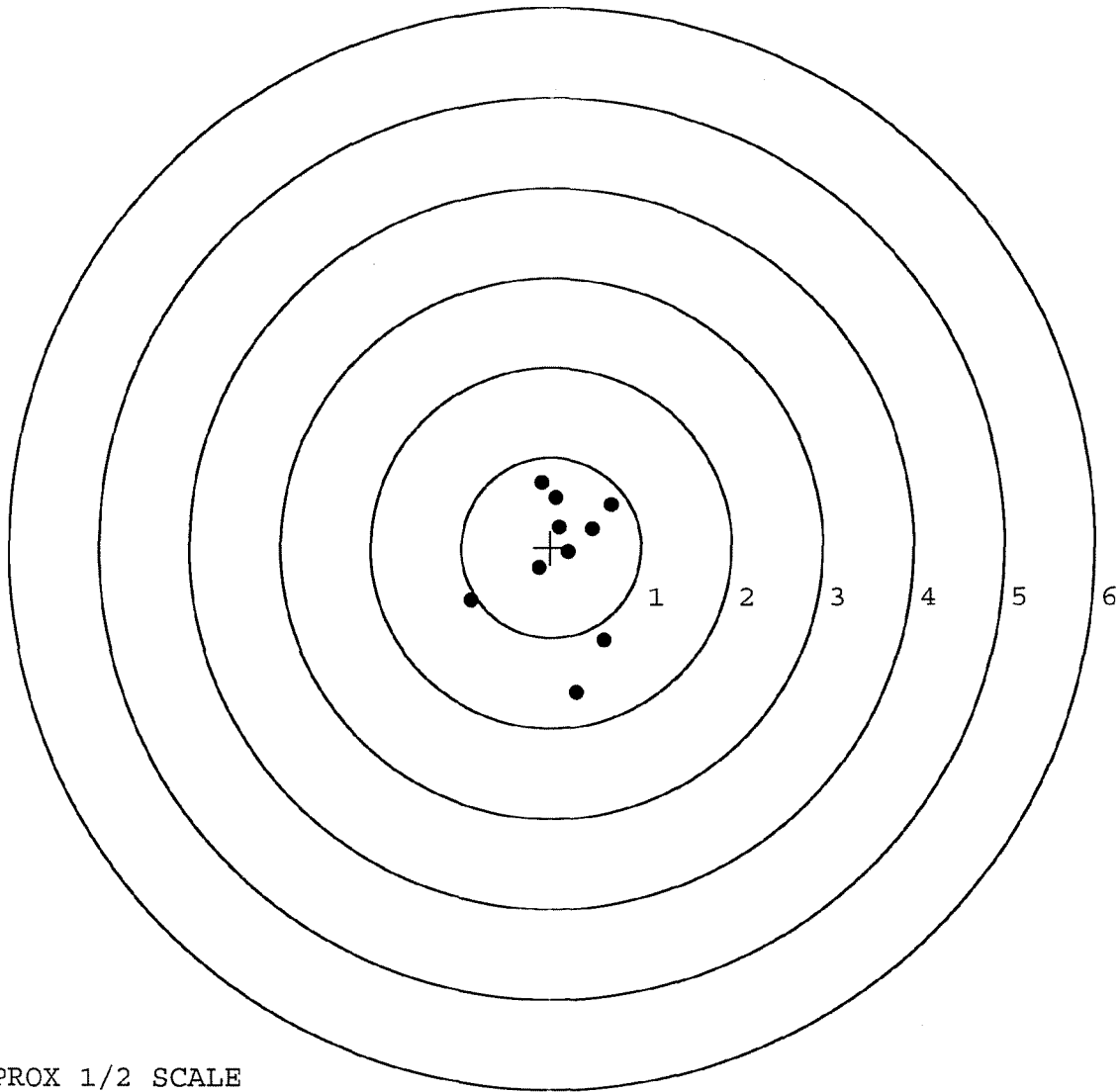
MAX RADIUS: 1.488

MEAN RADIUS: 0.721

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



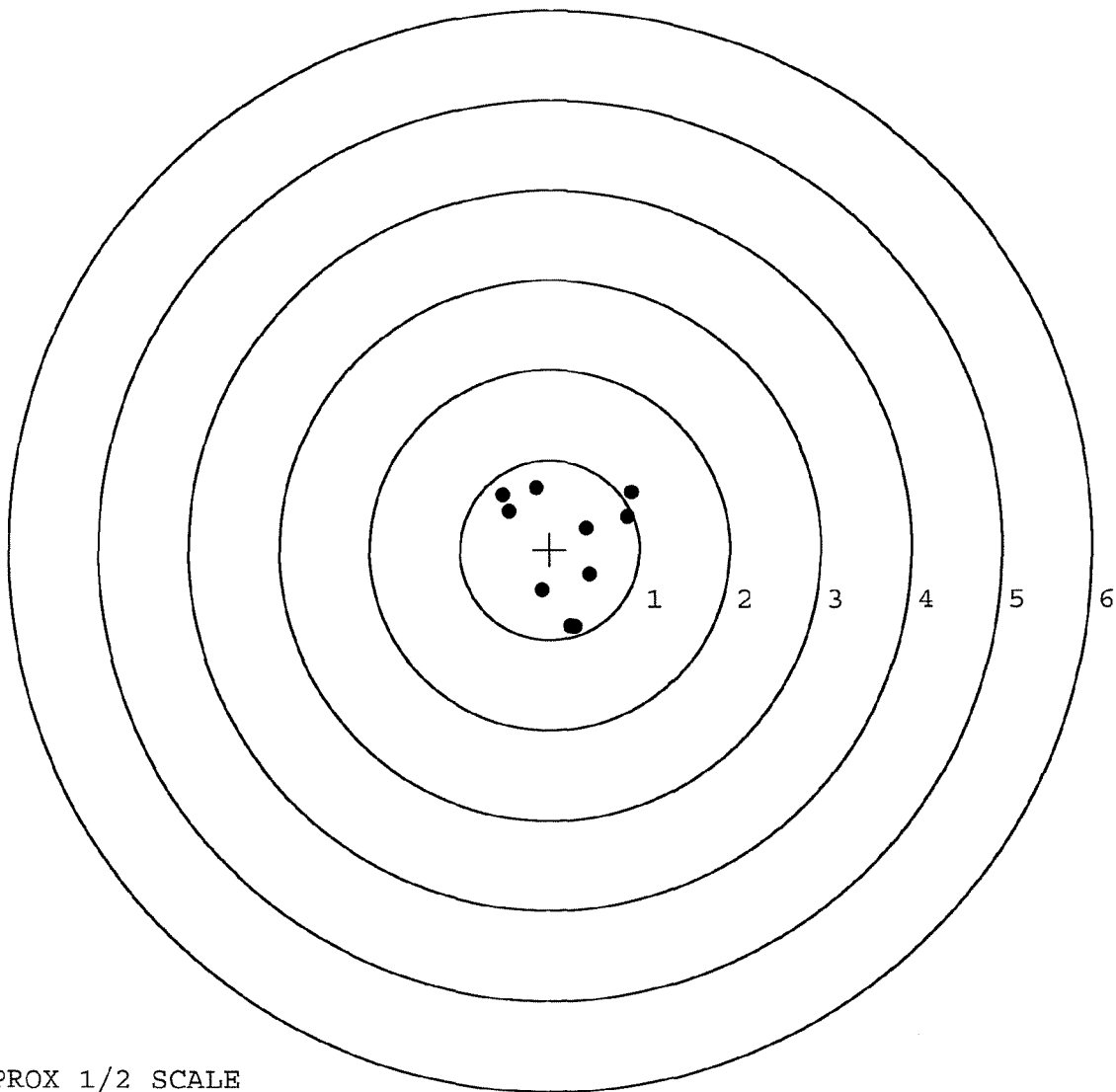
TARGET APPROX 1/2 SCALE

BARBER - M24 0161595

SERIAL NUMBER: G6300527. __ 1
 TARGET NUMBER: 2
 FILE DATE: 05/22/2006
 FILE TIME: 16:26

POINT#	X	Y
1:	-0.520	0.609
2:	-0.455	0.427
3:	-0.147	0.693
4:	0.409	0.245
5:	0.865	0.367
6:	0.912	0.646
7:	0.451	-0.276
8:	-0.083	-0.456
9:	0.291	-0.856
10:	0.235	-0.848

X CENTROID: 0.196
 Y CENTROID: 0.055
 POA TO CENTROID: 0.203
 HORZ SPREAD: 1.432
 VERT SPREAD: 1.549
 GROUP SPREAD: 1.640
 MIN RADIUS: 0.286
 MAX RADIUS: 0.928
 MEAN RADIUS: 0.715
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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 5-19-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.56	2.40		2.48	
PULL #2	2.58	2.55		2.53	
PULL #3	2.50	2.55		2.44	
PULL #4	2.42	2.53		2.44	
PULL #5	2.44	2.50		2.46	
TOTAL	12.51	12.53		12.35	
AVERAGE	2.50	2.50		2.47	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.17		
PULL #2	3.15	3.18		
PULL #3	3.16	3.18		
PULL #4	3.17	3.17		
PULL #5	3.20	3.10		
TOTAL	15.84	15.80		
AVERAGE	3.16	3.16		

	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	4.22	4.13		4.14
PULL #2	4.22	4.03		4.04
PULL #3	4.00	4.01		4.12
PULL #4	4.05	4.06		4.06
PULL #5	4.06	4.11		4.09
TOTAL	20.55	20.34		20.35
AVERAGE	4.11	4.06		

R & E NUMBER		JAPAN		
SERIAL NUMBER		6300527		
LOG-IN DATE		4-12-06		
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		5-5-06	AC
505	RE-BARREL			
560	ASSEMBLE			
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS		5-12	HP
625	FINAL ASSEMBLY		5-19-06	AC
640	FUNCTION TEST AND	(PASS)	5-22-06	MTM
650	TARGET	(PASS)	5-22-06	MTM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	N/A	
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		5-23-06	MTM
	A) HEADSPACE	(PASS)	5-23-06	MTM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.46 2.54 2.56 2.56 2.64	AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7 lbs 7 lbs 7 lbs	MTM
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs	MTM
	I) FIRING PIN INDENT	.020	.022 .022 .022	MTM
690	PACK		5-26-06	MTM

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



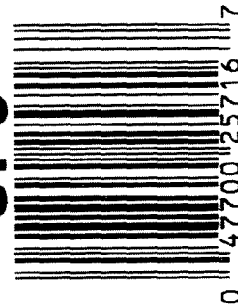
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6300527

UPC



46 FORM

VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

Remington®

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

46

Reg. U.S. Pat. & Tm. Off. Marca Registrada. Marque Déposée.

Made in Illinois, U.S.A.

SERIAL NO.
66300527

ORDER NO.
25716

12RX

5716 66300527

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.



INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6300527

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		5/20/03	RTL
600	PROOF		5-21-03	AC
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	5/22/03	RTL
610	DIS-ASSEMBLE GUN		5/22/03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	MAY 24 2003 OPERATOR <u>RK</u>		
615	ROLLMARK CALIBER		6-2-03	JB
617	DRILL AND TAP SIGHT HOLES		5-28-03	TRCJ
620	APPLY COATINGS (BARREL ACTION)		6-13	TA
	(BOLT)		6-13	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-1-03	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-1-03	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-1-03	DA
	D) OIL FIRING PIN ASSEMBLY		7-1-03	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	OPERATION NAME	51601	READINGS			DATE	INITIAL		
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>6.9</u>	<u>6.9</u>	<u>6.9</u>	8/8/03	DA		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>2.9</u>	<u>2.9</u>	<u>2.9</u>	8/8/03	DA		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>.021</u>	<u>.021</u>	<u>.022</u>	8/8/03	DA		
	J) ASSEMBLE STOCK					7/3/03	RW		
	K) ASSEMBLE SWIVEL STUDS					11-8-03	RW		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					7/3/03	RW		
	M) IRON SIGHT ALIGNMENT					7/3/03	RW		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					7/3/03	RW		
640	GALLERY TEST AND TARGET		PASS	FAIL		7-23-03	A		
	MALFUNCTION	BAC	CORRECTION	8-7-03	OK	7-23-03	A		
	MALFUNCTION		CORRECTION			7-23-03	A		
	MALFUNCTION		CORRECTION			7-23-03	A		
	MALFUNCTION		CORRECTION			7-23-03	A		
645	INSPECT FOR LIVE AMMO					7-23-03	A		
655	FINAL INSPECTION A) HEADSPACE					11-8-03	RW		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.67</u>	<u>2.70</u>	<u>2.70</u>	<u>2.62</u>	<u>2.66</u>	8/8/03	DA
	C) FUNCTION					11-8-03	RW		
660	PACK					11/10/03	DA		

BARBER - M24 0161602**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 7-2-03TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.60	2.87		2.40	
PULL #2	2.65	2.60		2.46	
PULL #3	2.41	2.54		2.51	
PULL #4	2.45	2.60		2.60	
PULL #5	2.49	2.63		2.48	
TOTAL	12.60	13.24		12.45	
AVERAGE	2.52	2.64		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.09	3.09		
PULL #2	3.16	3.21		
PULL #3	3.15	3.16		
PULL #4	3.16	3.21		
PULL #5	3.10	3.34		
TOTAL	15.66	16.01		
AVERAGE	3.13	3.20		

	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	4.46	4.32		4.43
PULL #2	4.24	4.40		4.47
PULL #3	4.35	4.41		4.40
PULL #4	4.49	4.42		4.47
PULL #5	4.35	4.47		4.38
TOTAL	21.89	22.02		22.15
AVERAGE	4.37	4.40		4.43

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300527.___0
FILE DATE AND TIME: 07/23/2003 06:57

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

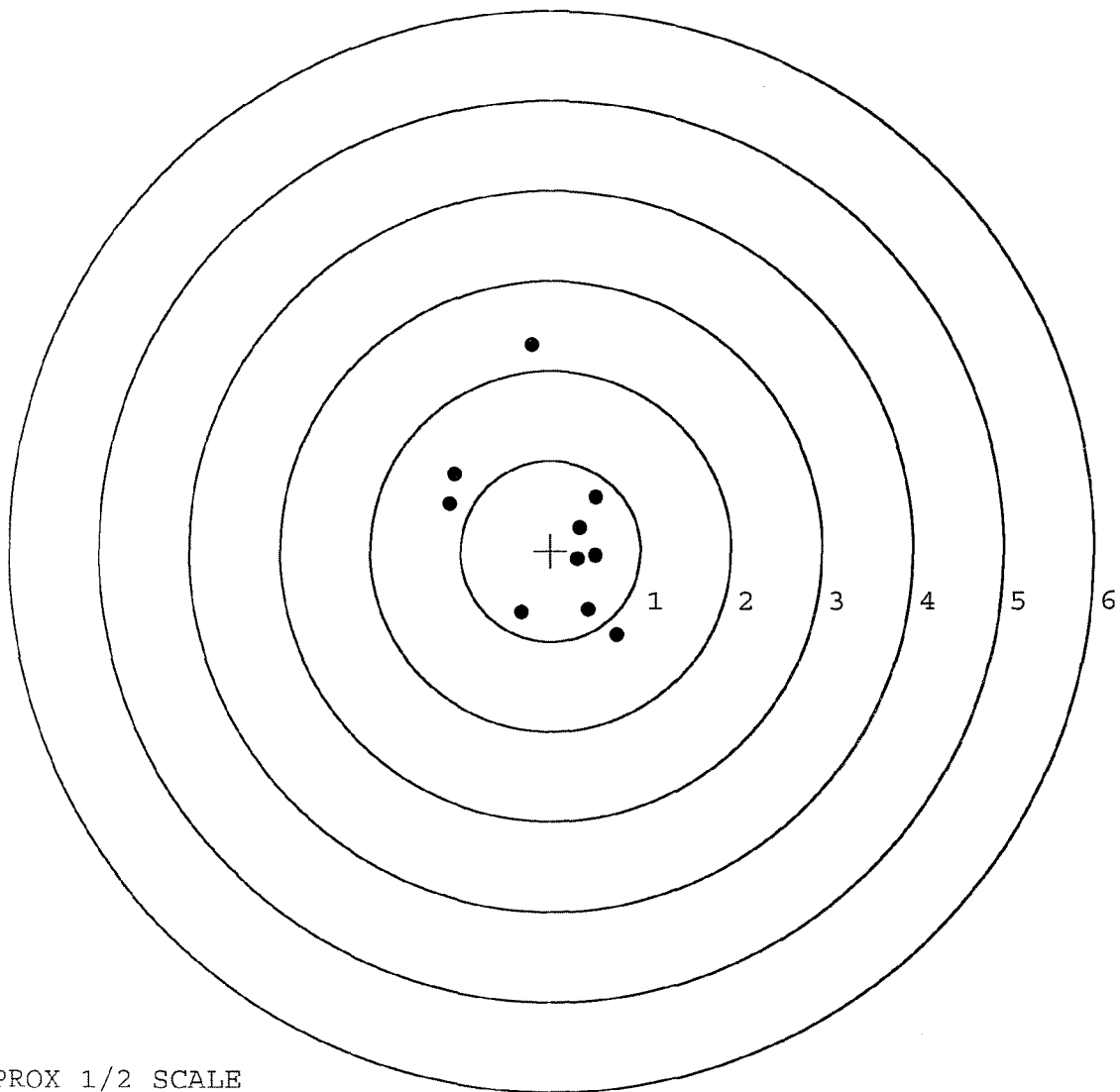
The Average X Centroid of the Five Target Set:	0.033
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.040
The Average Mean Radius of the Five Target Set:	0.943
The Distance from POA to Centroid Target #1:	0.210
The Distance from Centroid Target #2 to Centroid Target #1:	0.214
The Distance from Centroid Target #3 to Centroid Target #1:	0.165
The Distance from Centroid Target #4 to Centroid Target #1:	0.470
The Distance from Centroid Target #5 to Centroid Target #1:	0.390

BARBER - M24 0161604

SERIAL NUMBER: G6300527. __0
 TARGET NUMBER: 1
 FILE DATE: 07/23/2003
 FILE TIME: 06:57

POINT#	X	Y
1:	-0.209	2.281
2:	-1.067	0.844
3:	-1.124	0.508
4:	-0.322	-0.682
5:	0.737	-0.927
6:	0.422	-0.649
7:	0.506	0.600
8:	0.325	0.258
9:	0.502	-0.047
10:	0.305	-0.088

X CENTROID: 0.008
 Y CENTROID: 0.210
 POA TO CENTROID: 0.210
 HORZ SPREAD: 1.861
 VERT SPREAD: 3.208
 GROUP SPREAD: 3.345
 MIN RADIUS: 0.321
 MAX RADIUS: 2.082
 MEAN RADIUS: 0.969
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



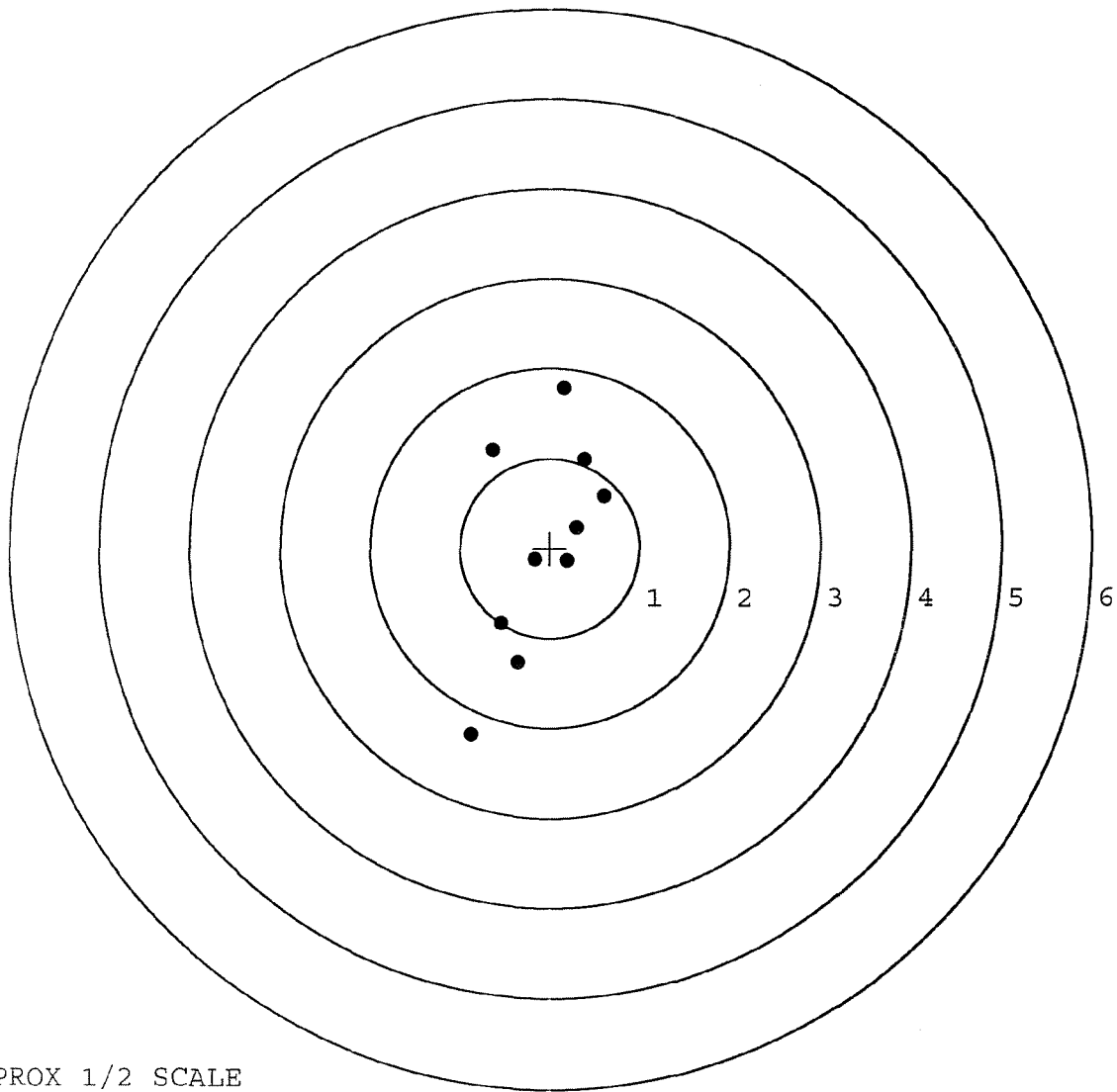
TARGET APPROX 1/2 SCALE

BARBER - M24 0161605

SERIAL NUMBER: G6300527. __0
 TARGET NUMBER: 2
 FILE DATE: 07/23/2003
 FILE TIME: 06:57

POINT#	X	Y
1:	-0.639	1.093
2:	0.162	1.780
3:	0.389	0.991
4:	0.605	0.584
5:	0.299	0.233
6:	-0.162	-0.131
7:	0.194	-0.145
8:	-0.543	-0.841
9:	-0.356	-1.277
10:	-0.876	-2.082

X CENTROID: -0.093
 Y CENTROID: 0.020
 POA TO CENTROID: 0.095
 HORZ SPREAD: 1.481
 VERT SPREAD: 3.862
 GROUP SPREAD: 3.999
 MIN RADIUS: 0.167
 MAX RADIUS: 2.244
 MEAN RADIUS: 1.044
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0161606

SERIAL NUMBER: G6300527. __0

TARGET NUMBER: 3

FILE DATE: 07/23/2003

FILE TIME: 06:57

POINT#	X	Y
1:	1.300	0.997
2:	-0.209	1.109
3:	-0.588	0.757
4:	-0.972	0.178
5:	-0.779	-0.007
6:	-0.291	-0.109
7:	-0.105	-1.049
8:	0.250	-0.477
9:	0.559	-0.744
10:	0.741	-0.197

X CENTROID: -0.009

Y CENTROID: 0.046

POA TO CENTROID: 0.047

HORZ SPREAD: 2.272

VERT SPREAD: 2.158

GROUP SPREAD: 2.482

MIN RADIUS: 0.321

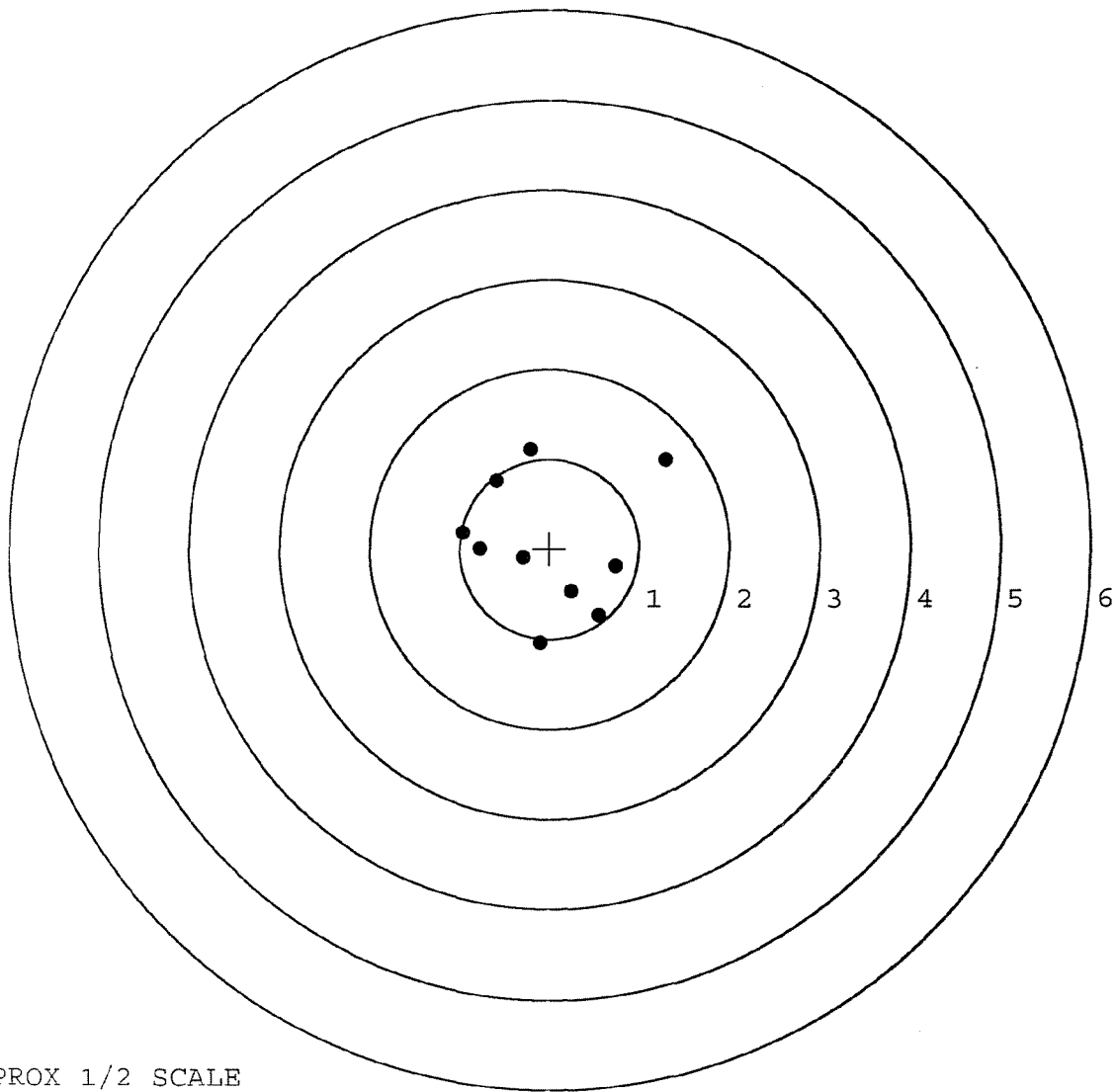
MAX RADIUS: 1.618

MEAN RADIUS: 0.913

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9



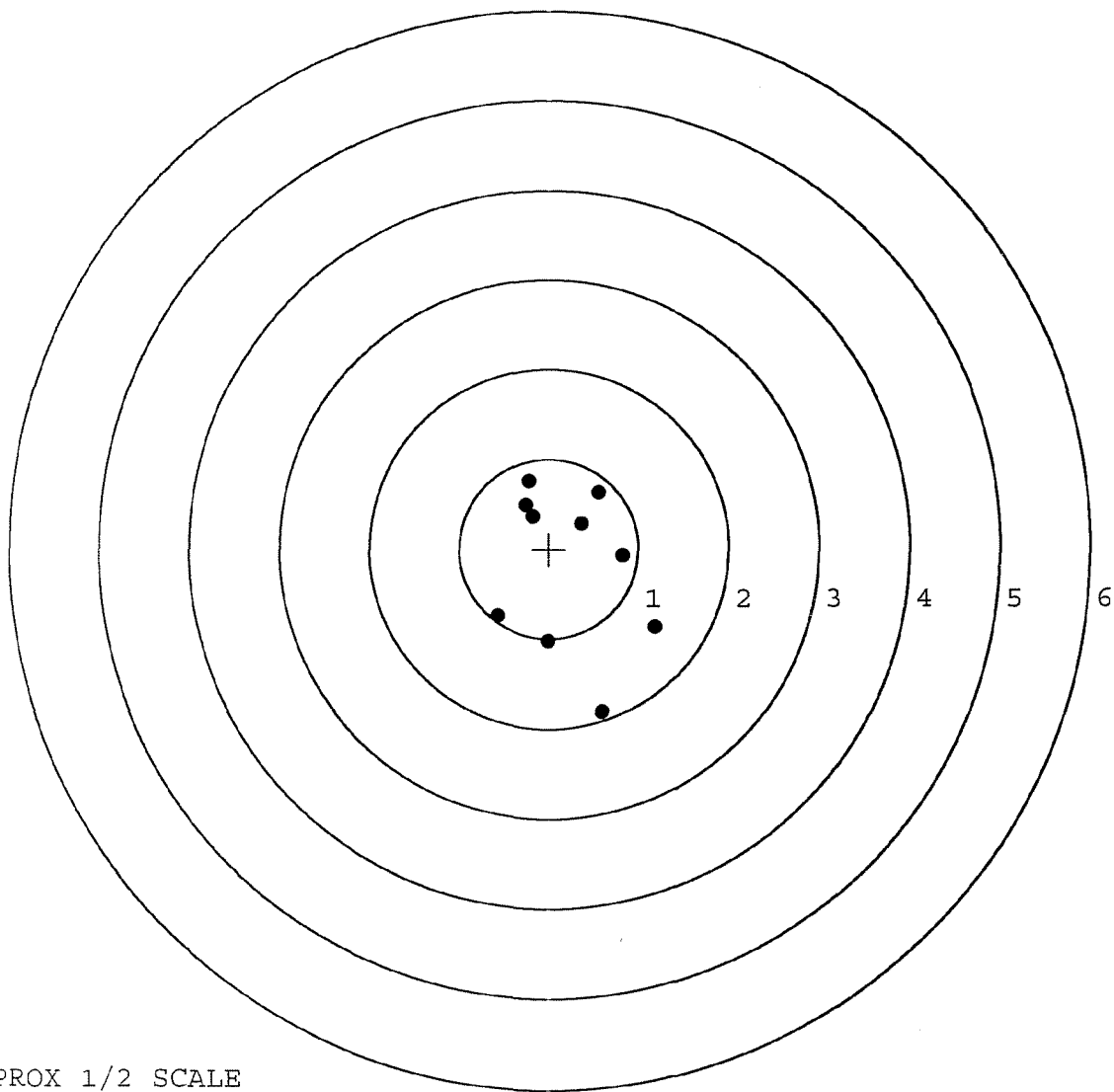
TARGET APPROX 1/2 SCALE

BARBER - M24 0161607

SERIAL NUMBER: G6300527. __0
 TARGET NUMBER: 4
 FILE DATE: 07/23/2003
 FILE TIME: 06:57

POINT#	X	Y
1:	-0.569	-0.760
2:	-0.010	-1.038
3:	0.600	-1.820
4:	1.186	-0.877
5:	0.830	-0.077
6:	0.362	0.286
7:	0.554	0.627
8:	-0.185	0.365
9:	-0.256	0.488
10:	-0.221	0.755

X CENTROID: 0.229
 Y CENTROID: -0.205
 POA TO CENTROID: 0.307
 HORZ SPREAD: 1.755
 VERT SPREAD: 2.575
 GROUP SPREAD: 2.703
 MIN RADIUS: 0.509
 MAX RADIUS: 1.657
 MEAN RADIUS: 0.929
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



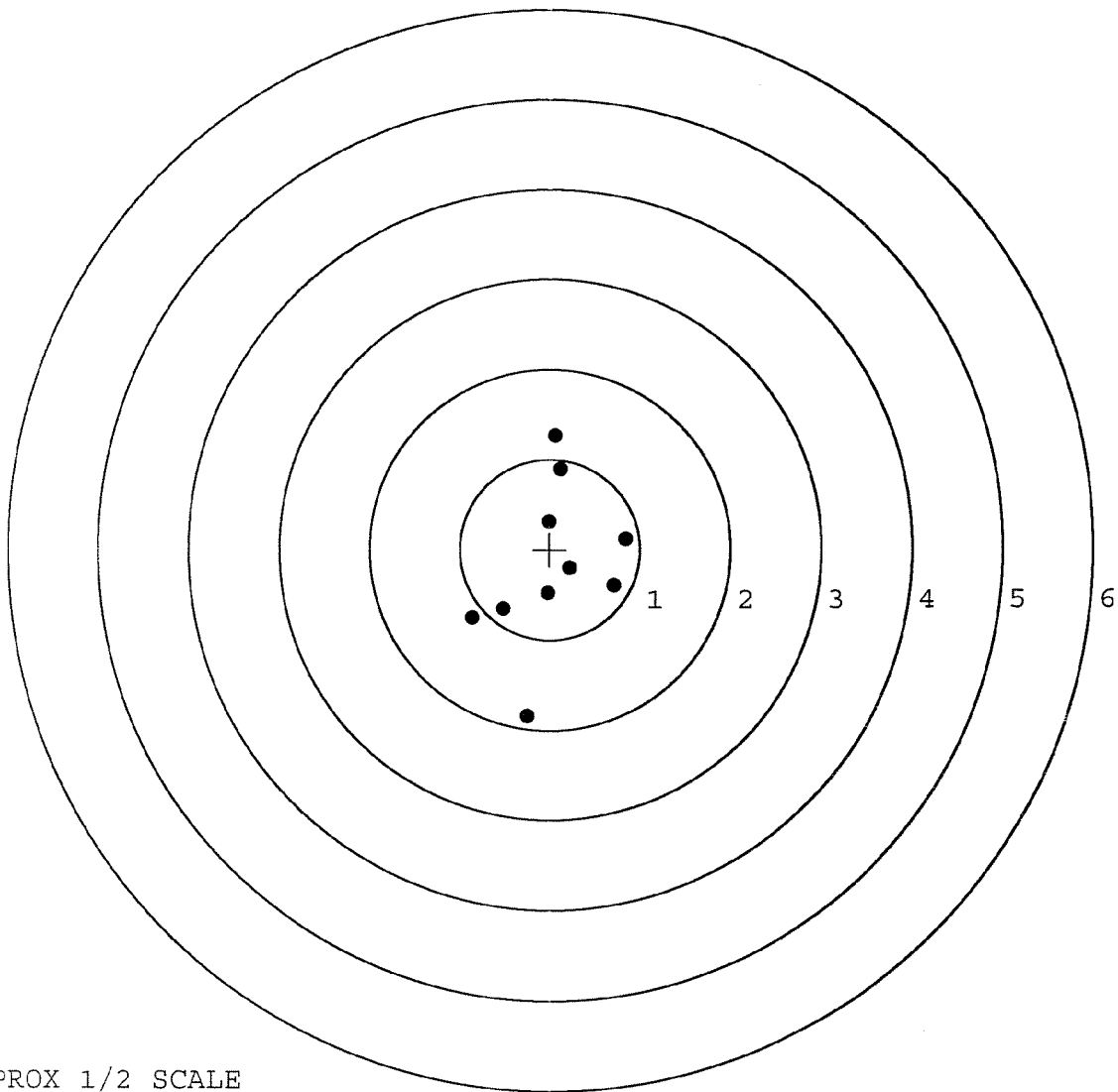
TARGET APPROX 1/2 SCALE

BARBER - M24 0161608

SERIAL NUMBER: G6300527. __0
 TARGET NUMBER: 5
 FILE DATE: 07/23/2003
 FILE TIME: 06:57

POINT#	X	Y
1:	0.061	1.264
2:	0.124	0.891
3:	-0.008	0.307
4:	-0.862	-0.765
5:	-0.519	-0.666
6:	-0.253	-1.852
7:	-0.025	-0.489
8:	0.224	-0.207
9:	0.845	0.117
10:	0.715	-0.400

X CENTROID: 0.030
 Y CENTROID: -0.180
 POA TO CENTROID: 0.183
 HORZ SPREAD: 1.707
 VERT SPREAD: 3.116
 GROUP SPREAD: 3.132
 MIN RADIUS: 0.196
 MAX RADIUS: 1.696
 MEAN RADIUS: 0.860
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE