

G-6300530

Repair Inquiry

Repair Number: RE00111040

Serial: G6300530 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

High Priority

Status:

Closed 4/12/2006 1:37:35 PM

Address Information

Customer:

Received From

Return To:

Received From

Name: 60 AERIAL PORT SQD, TRTCD

60 AERIAL PORT SQD, TRTCD

Address 1: TRAFFIC MANAGEMENT OFFICE

TRAFFIC MANAGEMENT OFFICE

Address 2: BLDG 977 90 RAGSDALE ST

PO Box:

BLDG 977 90 RAGSDALE ST

PO Box:

City: TRAVIS AFB

TRAVIS AFB

State: CA

Zip Code: 94535

Country: US

State: CA

Zip Code: 94535

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received 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	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglet

4/12/2006

1:51 PM

CAPS

NUM

INS

SCRL

start

5 M.

Ar...

3 L.

2 M.

Pet...

Par...

SA...

1:51 PM

Serial Number: G6300530

Model: M24 SWS



RE00111040

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300530.__1
FILE DATE AND TIME: 05/18/2006 04:32

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

Ave. mean .946

SERIAL NUMBER: G6300530. 1

TARGET NUMBER: 1

FILE DATE: 05/18/2006

FILE TIME: 04:32

X CENTROID: -0.335

Y CENTROID: -0.197

POA TO CENTROID: 0.389

HORZ SPREAD: 2.590

VERT SPREAD: 2.045

GROUP SPREAD: 3.197

MIN RADIUS: 0.206

MAX RADIUS: 1.829

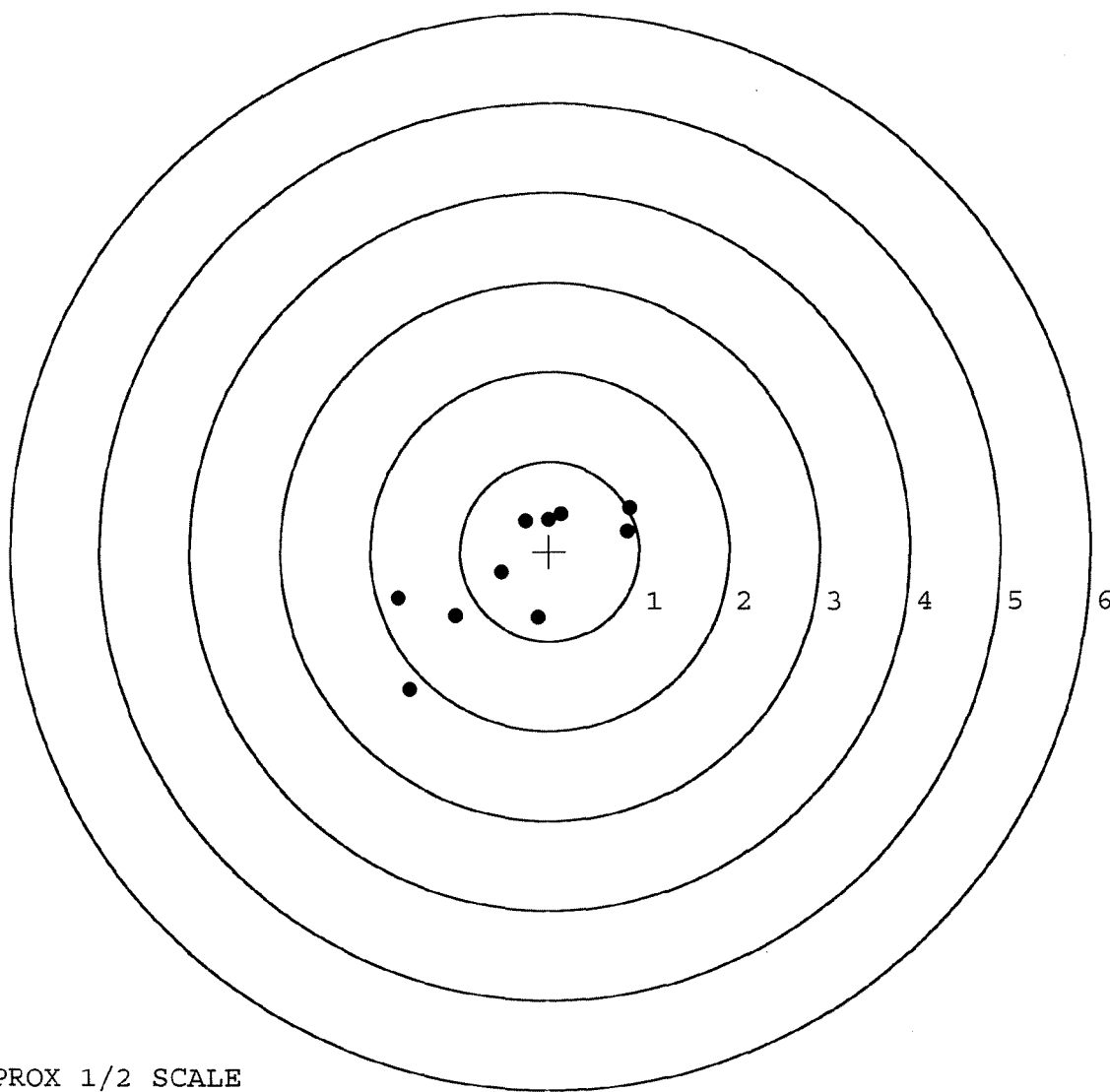
MEAN RADIUS: 0.955

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.872	0.227
2:	0.900	0.487
3:	0.127	0.417
4:	-0.019	0.356
5:	-0.268	0.345
6:	-0.536	-0.245
7:	-0.129	-0.740
8:	-1.052	-0.728
9:	-1.690	-0.534
10:	-1.557	-1.558



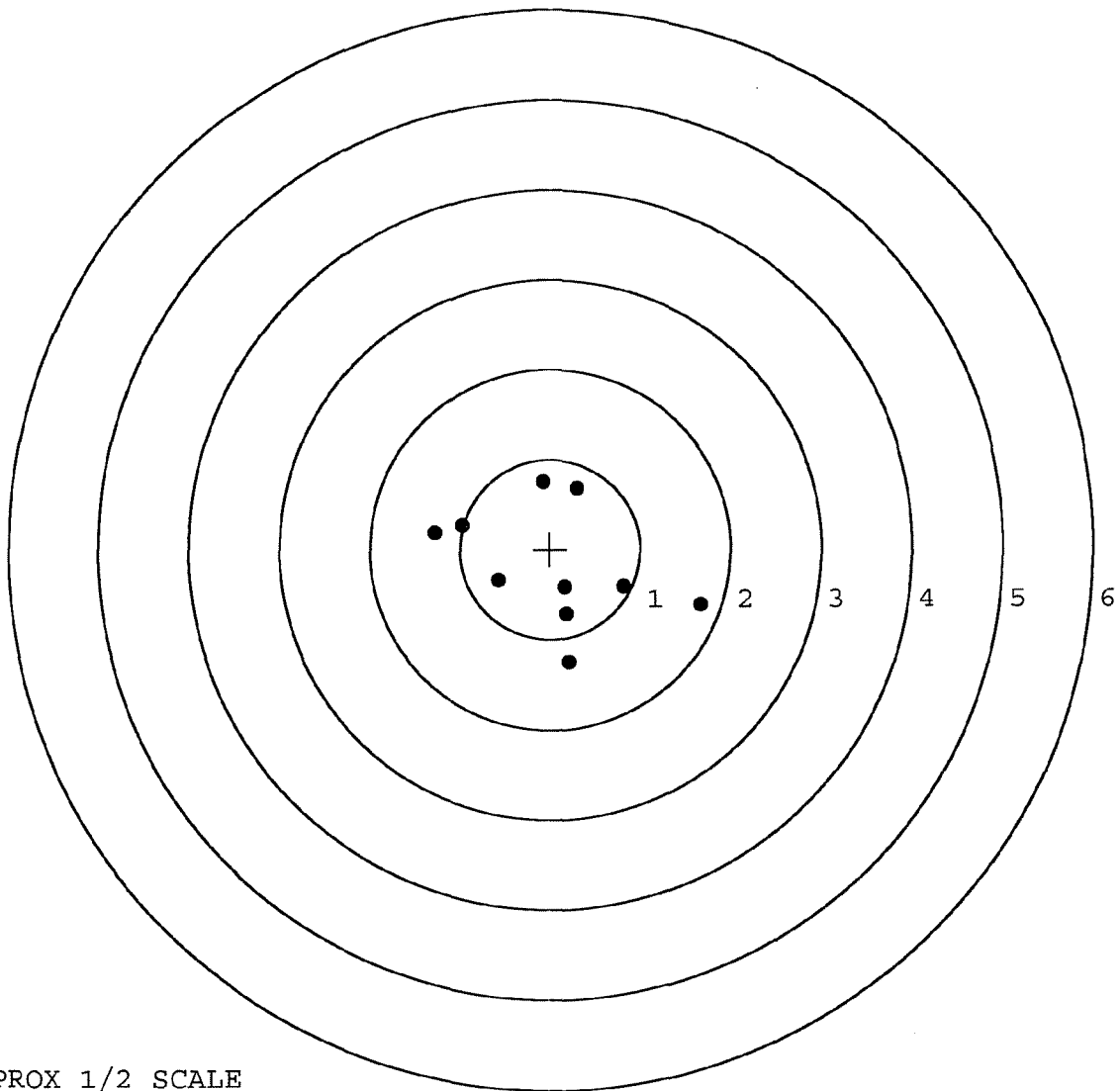
TARGET APPROX 1/2 SCALE

BARBER - M24 0161660

SERIAL NUMBER: G6300530. 1
 TARGET NUMBER: 2
 FILE DATE: 05/18/2006
 FILE TIME: 04:32

X CENTROID: 0.047
 Y CENTROID: -0.192
 POA TO CENTROID: 0.197
 HORZ SPREAD: 2.952
 VERT SPREAD: 2.012
 GROUP SPREAD: 3.056
 MIN RADIUS: 0.263
 MAX RADIUS: 1.675
 MEAN RADIUS: 0.937
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.667	-0.616
2:	0.823	-0.417
3:	0.223	-1.259
4:	0.188	-0.722
5:	0.168	-0.425
6:	-0.567	-0.347
7:	-0.978	0.261
8:	-1.285	0.176
9:	0.306	0.680
10:	-0.079	0.753



TARGET APPROX 1/2 SCALE

BARBER - M24 0161661
**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 5-10-06

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	246	252		260	
PULL #2	245	250		250	
PULL #3	246	253		254	
PULL #4	242	251		262	
PULL #5	246	252		256	
TOTAL	1225	1258		1282	
AVERAGE	245	251		256	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	308	313		
PULL #2	301	299		
PULL #3	301	304		
PULL #4	305	297		
PULL #5	306	310		
TOTAL	1521	1523		
AVERAGE	304	304		

	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	420	423		426
PULL #2	412	410		417
PULL #3	419	417		408
PULL #4	410	416		401
PULL #5	417	427		402
TOTAL	2078	2093		2054
AVERAGE	415	418		410

		JAPANESE			
R & E NUMBER	111040				
SERIAL NUMBER	G 6300530				
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	FAIL	5-18-06	TRW
650	TARGET	PASS	FAIL	5-18-06	TRW
	MALFUNCTION <i>Bolt Binds</i>	CORRECTION OK		5-22-06	TRW
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	N/A	5/18/06	R.P.
	MALFUNCTION	CORRECTION			
670	FINAL INSPECTION			5-22-06	MTM
	A) HEADSPACE	PASS	FAIL	5-22-06	MTM
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.43 2.45 2.48 2.42 2.52		AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	8 lbs. 7 lbs. 7 lbs.		MTM
	G) SAFETY OFF FORCE	2 LBS MIN	4 lbs. 4 lbs. 4 lbs.		MTM
	I) FIRING PIN INDENT	.020	.022 .022 .022		MTM
690	PACK			5-26-06	NA

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

- INSTRUCTION BOOK 3518

1
2
3
4
5
6
7
8
9
0

46 FORM

proof of purchase



owner registration sticker



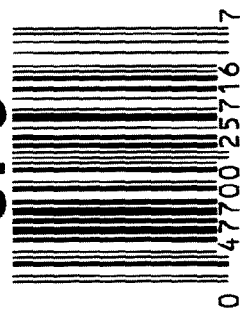
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6300530

UPC



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

SERIAL NO.
G6300530

ORDER NO.
25716

12RX

Made in Union, N.Y. Reg. U.S. Pat. & Ta. Off. Marca Registrada Parque Duquesne.

46

5716 G6300530

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 # G 6300530

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	MAY 20 2003	5/22/03	RTL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>RL</u>		
615	ROLLMARK CALIBER		6-2-03	AB
617	DRILL AND TAP SIGHT HOLES		6-28-03	TRLW
620	APPLY COATINGS (BARREL ACTION)		6-13	TA
	(BOLT)		6-13	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		7-1-03	RA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		7-1-03	RA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		7-1-03	RA
	D) OIL FIRING PIN ASSEMBLY		7-1-03	RA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

OP #	OPERATOR NAME	51666	READINGS			DATE	INITIAL	
625	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7	6	6	11/14/03	RW	
CONT.	G) SAFETY OFF FORCE	2 LBS MIN	3	3	3	11/14/03	RW	
	H) TRIGGER PULL TEST AND RETAINABILITY							
	I) FIRING PIN INDENT	.020 MIN	.023	.024	.023	11/14/03	RW	
	J) ASSEMBLE STOCK					7-2-03	RTL	
	K) ASSEMBLE SWIVEL STUDS							
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					7-2-03	RTL	
	M) IRON SIGHT ALIGNMENT					7-2-03	RTL	
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					7-2-03	RTL	
640	GALLERY TEST AND TARGET		PASS	FAIL		7-24-03	AC	
	MALFUNCTION		CORRECTION			7-24-03	AC	
	MALFUNCTION		CORRECTION			7-24-03	AC	
	MALFUNCTION		CORRECTION			7-24-03	AC	
	MALFUNCTION		CORRECTION			7-24-03	AC	
645	INSPECT FOR LIVE AMMO					7-24-03	AC	
655	FINAL INSPECTION A) HEADSPACE							
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.80	2.57	2.23	2.47	2.86	11/11/03 RW
	C) FUNCTION							
660	PACK					11/12/03	RA	

BARBER - M24 0161667AVERAGE 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 7-1-03TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.38	2.53		2.17	
PULL #2	2.12	2.44		2.28	
PULL #3	2.23	2.49		2.30	
PULL #4	2.12	2.38		2.24	
PULL #5	2.19	2.30		2.28	
TOTAL	11.04	12.14		11.27	
AVERAGE	2.20	2.42		2.25	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.35		
PULL #2	3.29	3.36		
PULL #3	3.25	3.33		
PULL #4	3.30	3.30		
PULL #5	3.28	3.18		
TOTAL	16.47	16.52		
AVERAGE	3.29	3.30		

	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	4.10	4.34		4.10
PULL #2	4.08	4.26		4.01
PULL #3	4.07	4.17		4.18
PULL #4	4.04	4.22		4.07
PULL #5	4.05	4.19		4.11
TOTAL	20.34	21.18		20.47
AVERAGE	4.06	4.23		4.09

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6300530.__0

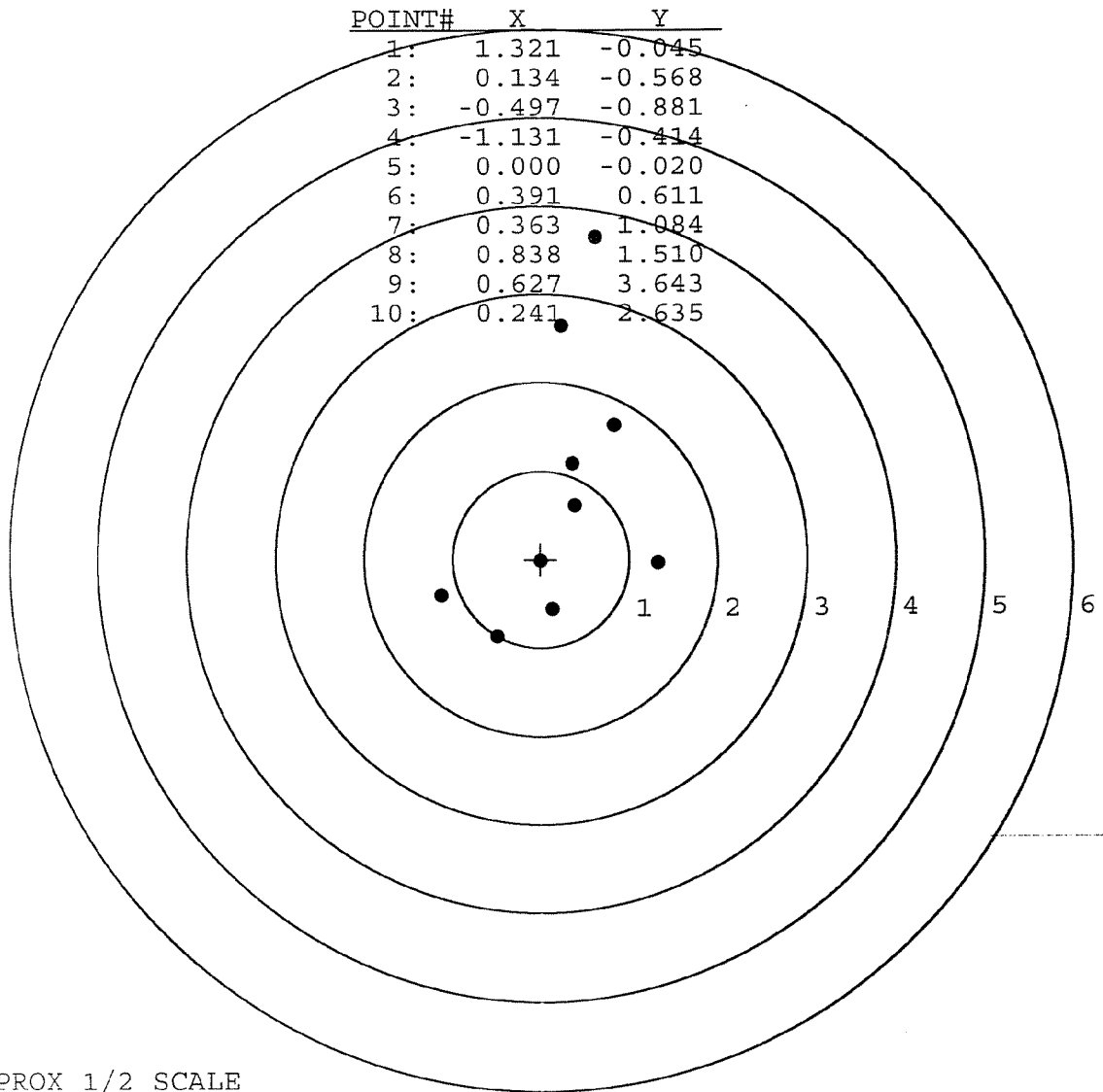
FILE DATE AND TIME: 07/24/2003 06:52

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.027
The Average Y Centroid of the Five Target Set:	0.110
The Average Point of Impact of the Five Target Set:	0.113
The Average Mean Radius of the Five Target Set:	1.026
The Distance from POA to Centroid Target #1:	0.789
The Distance from Centroid Target #2 to Centroid Target #1:	0.975
The Distance from Centroid Target #3 to Centroid Target #1:	0.981
The Distance from Centroid Target #4 to Centroid Target #1:	0.820
The Distance from Centroid Target #5 to Centroid Target #1:	0.721

L NUMBER: G6300530. __0
TARGET NUMBER: 1
FILE DATE: 07/24/2003
FILE TIME: 06:52

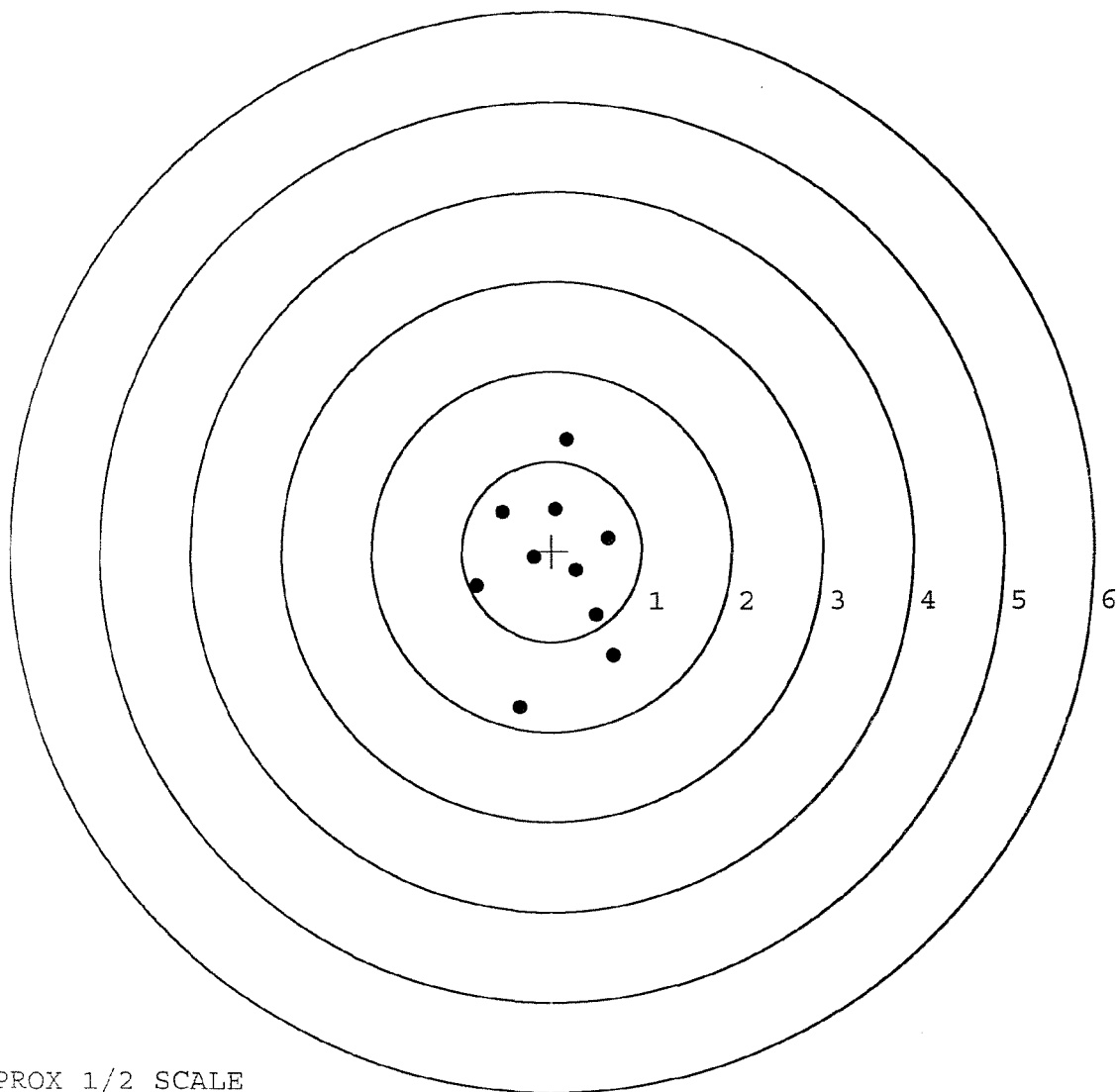
X CENTROID: 0.229
Y CENTROID: 0.755
POA TO CENTROID: 0.789
HORZ SPREAD: 2.452
VERT SPREAD: 4.524
GROUP SPREAD: 4.662
MIN RADIUS: 0.217
MAX RADIUS: 2.915
MEAN RADIUS: 1.341
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

BARBER - M24 0161670

SERIAL NUMBER: G6300530. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	0.173	1.241
FILE DATE: 07/24/2003	2:	-0.547	0.429
FILE TIME: 06:52	3:	0.045	0.467
	4:	0.629	0.141
X CENTROID: 0.037	5:	-0.206	-0.072
Y CENTROID: -0.201	6:	0.279	-0.219
POA TO CENTROID: 0.204	7:	-0.839	-0.395
HORZ SPREAD: 1.532	8:	0.501	-0.712
VERT SPREAD: 2.973	9:	0.693	-1.156
GROUP SPREAD: 3.020	10:	-0.357	-1.732
MIN RADIUS: 0.243			
MAX RADIUS: 1.581			
MEAN RADIUS: 0.850			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 9			



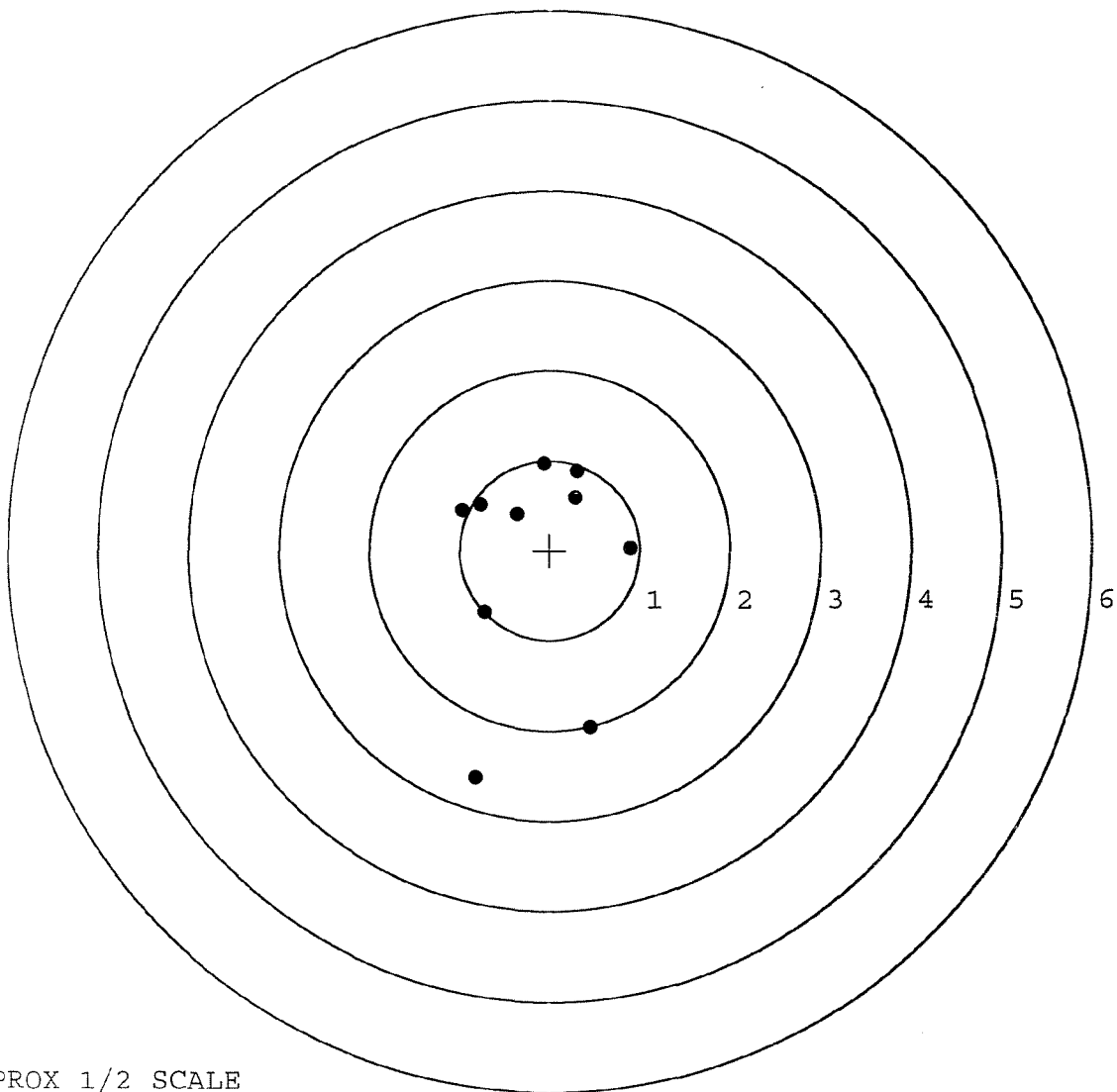
TARGET APPROX 1/2 SCALE

BARBER - M24 0161671

SERIAL NUMBER: G6300530. __0
 TARGET NUMBER: 3
 FILE DATE: 07/24/2003
 FILE TIME: 06:52

POINT#	X	Y
1:	-0.064	0.970
2:	0.898	0.025
3:	-0.360	0.400
4:	-0.976	0.443
5:	0.287	0.587
6:	0.312	0.882
7:	-0.769	0.504
8:	-0.723	-0.696
9:	-0.824	-2.531
10:	0.463	-1.963

X CENTROID: -0.176
 Y CENTROID: -0.138
 POA TO CENTROID: 0.223
 HORZ SPREAD: 1.874
 VERT SPREAD: 3.501
 GROUP SPREAD: 3.597
 MIN RADIUS: 0.569
 MAX RADIUS: 2.479
 MEAN RADIUS: 1.182
 # IN 1 IN DIAMETER: 0
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0161672

SERIAL NUMBER: G6300530. __0

TARGET NUMBER: 4

FILE DATE: 07/24/2003

FILE TIME: 06:52

POINT#	X	Y
1:	0.659	-1.374
2:	0.604	-0.331
3:	-0.717	1.098
4:	-0.107	0.254
5:	0.210	0.466
6:	0.570	0.392
7:	-0.737	0.232
8:	-0.737	0.038
9:	-0.743	-0.140
10:	-0.612	-0.298

X CENTROID: -0.161

Y CENTROID: 0.034

POA TO CENTROID: 0.164

HORZ SPREAD: 1.402

VERT SPREAD: 2.472

GROUP SPREAD: 2.829

MIN RADIUS: 0.227

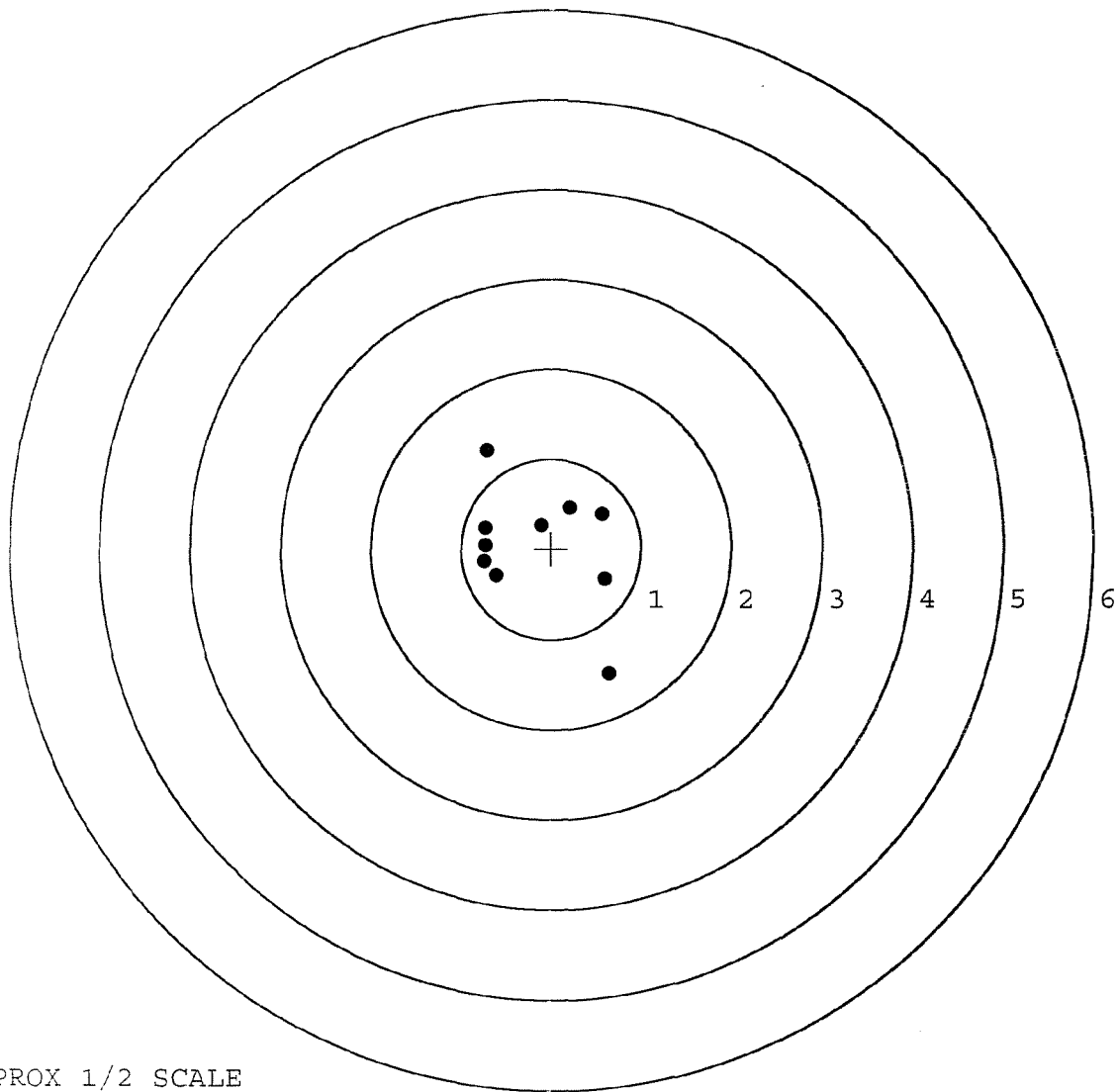
MAX RADIUS: 1.629

MEAN RADIUS: 0.764

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

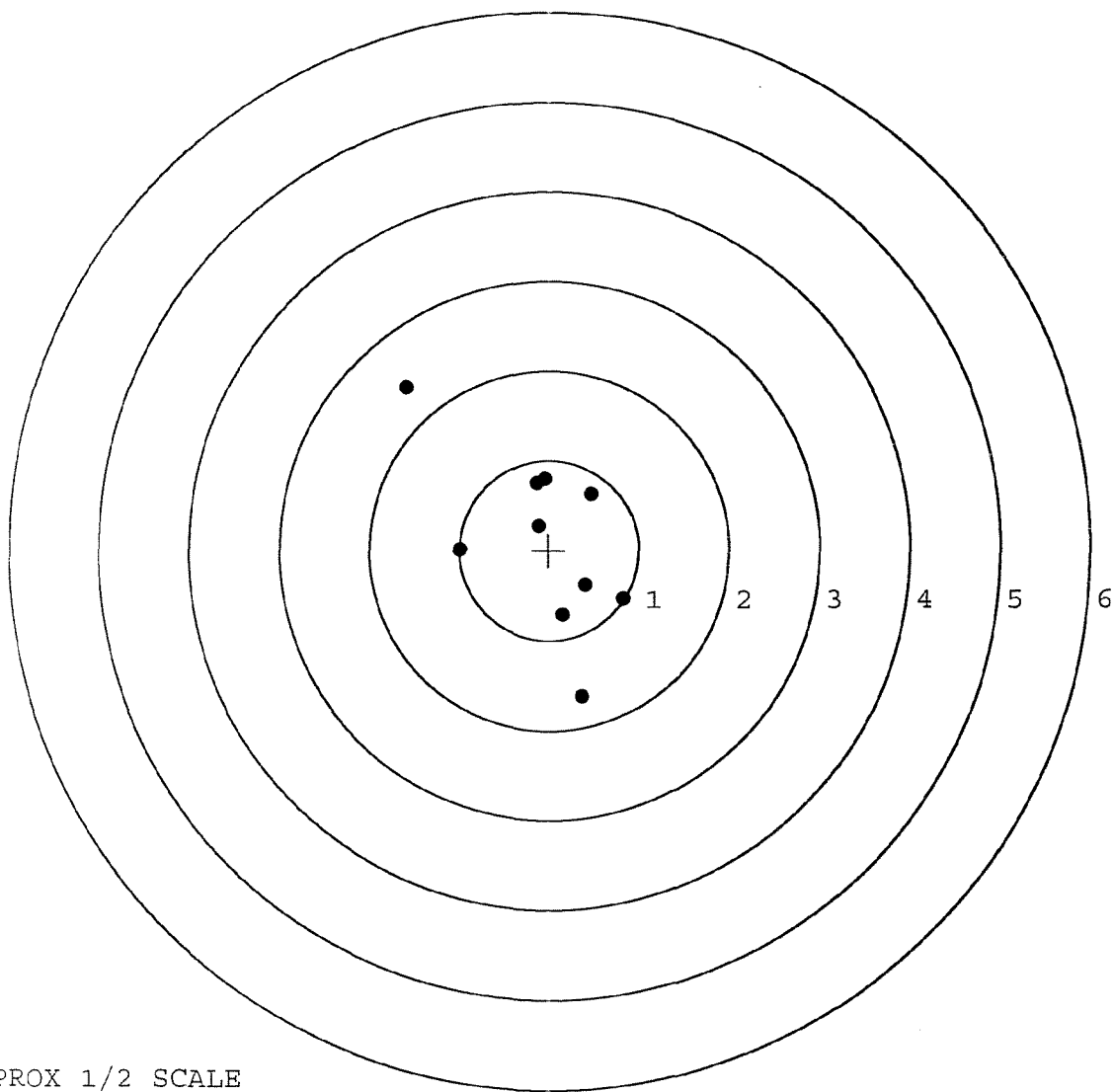
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0161673

SERIAL NUMBER: G6300530. __0	POINT#	X	Y
TARGET NUMBER: 5	1:	-1.596	1.810
FILE DATE: 07/24/2003	2:	-0.998	-0.004
FILE TIME: 06:52	3:	-0.115	0.269
	4:	0.472	0.630
X CENTROID: -0.066	5:	-0.135	0.749
Y CENTROID: 0.097	6:	0.827	-0.543
POA TO CENTROID: 0.118	7:	0.411	-0.389
HORZ SPREAD: 2.423	8:	0.155	-0.720
VERT SPREAD: 3.435	9:	0.371	-1.625
GROUP SPREAD: 3.958	10:	-0.052	0.797
MIN RADIUS: 0.178			
MAX RADIUS: 2.296			
MEAN RADIUS: 0.993			
# IN 1 IN DIAMETER: 1			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 8			



TARGET APPROX 1/2 SCALE