

G-6461624

Repair Inquiry

Repair Number: RE00124037

Serial: G6461724 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 1/22/2007 7:00:02 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION DIVISION DFEL

TRANSPORTATION DIVISION DFEL

Address 1: 6759 MITCHELL AVENUE

6759 MITCHELL AVENUE

Address 2: BLDG 1836

PO Box:

BLDG 1836

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

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
A010	Hard Case	1
A017	Scope Base	3
A026	Scope	1
A045	Bi Pod	1

Repair Search

Refresh

Close

nagletj

1/22/2007

8:29 AM

CAPS

NUM

INS

SCRL



4 Micros...

2 Micros...

3 Intern...

Personal

Arms Servi...

8:29 AM

Serial Number: **G6461724**
Model: **M24 SWS**

RE00124037

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461724. __0

FILE DATE AND TIME: 02/01/2007 23:21

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.039
The Average Y Centroid of the Five Target Set:	-0.060
The Average Point of Impact of the Five Target Set:	0.071
The Average Mean Radius of the Five Target Set:	0.702
The Distance from POA to Centroid Target #1:	0.181
The Distance from Centroid Target #2 to Centroid Target #1:	0.523
The Distance from Centroid Target #3 to Centroid Target #1:	0.218
The Distance from Centroid Target #4 to Centroid Target #1:	0.152
The Distance from Centroid Target #5 to Centroid Target #1:	0.223

BARBER - M24 0153902

SERIAL NUMBER: G6461724. __0

TARGET NUMBER: 1

FILE DATE: 02/01/2007

FILE TIME: 23:21

POINT#	X	Y
1:	0.449	0.593
2:	0.954	0.498
3:	0.851	-0.374
4:	0.267	-0.058
5:	-0.266	0.210
6:	-0.165	-0.250
7:	0.002	-0.569
8:	-0.473	-0.528
9:	-0.655	-0.176
10:	-0.462	-1.084

X CENTROID: 0.050

Y CENTROID: -0.174

POA TO CENTROID: 0.181

HORZ SPREAD: 1.609

VERT SPREAD: 1.677

GROUP SPREAD: 2.123

MIN RADIUS: 0.228

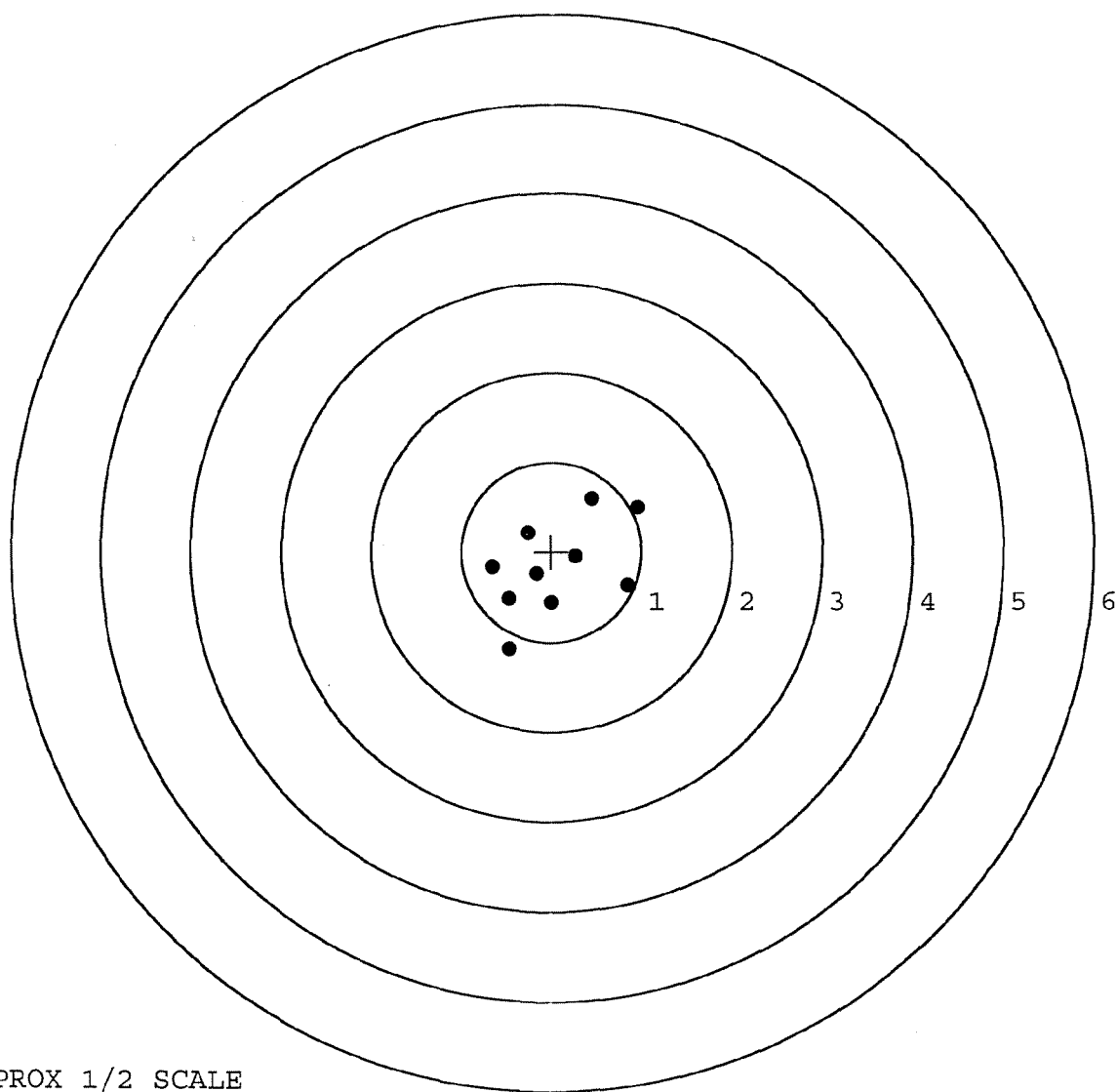
MAX RADIUS: 1.126

MEAN RADIUS: 0.657

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0153903

SERIAL NUMBER: G6461724. 0

TARGET NUMBER: 2

FILE DATE: 02/01/2007

FILE TIME: 23:21

POINT#	X	Y
1:	-0.090	0.822
2:	-0.247	0.389
3:	0.699	0.009
4:	0.397	-0.476
5:	-0.257	-0.097
6:	-0.242	-0.472
7:	-0.459	-0.699
8:	-0.824	-0.320
9:	-0.889	0.052
10:	-2.685	0.203

X CENTROID: -0.460

Y CENTROID: -0.059

POA TO CENTROID: 0.463

HORZ SPREAD: 3.384

VERT SPREAD: 1.521

GROUP SPREAD: 3.390

MIN RADIUS: 0.206

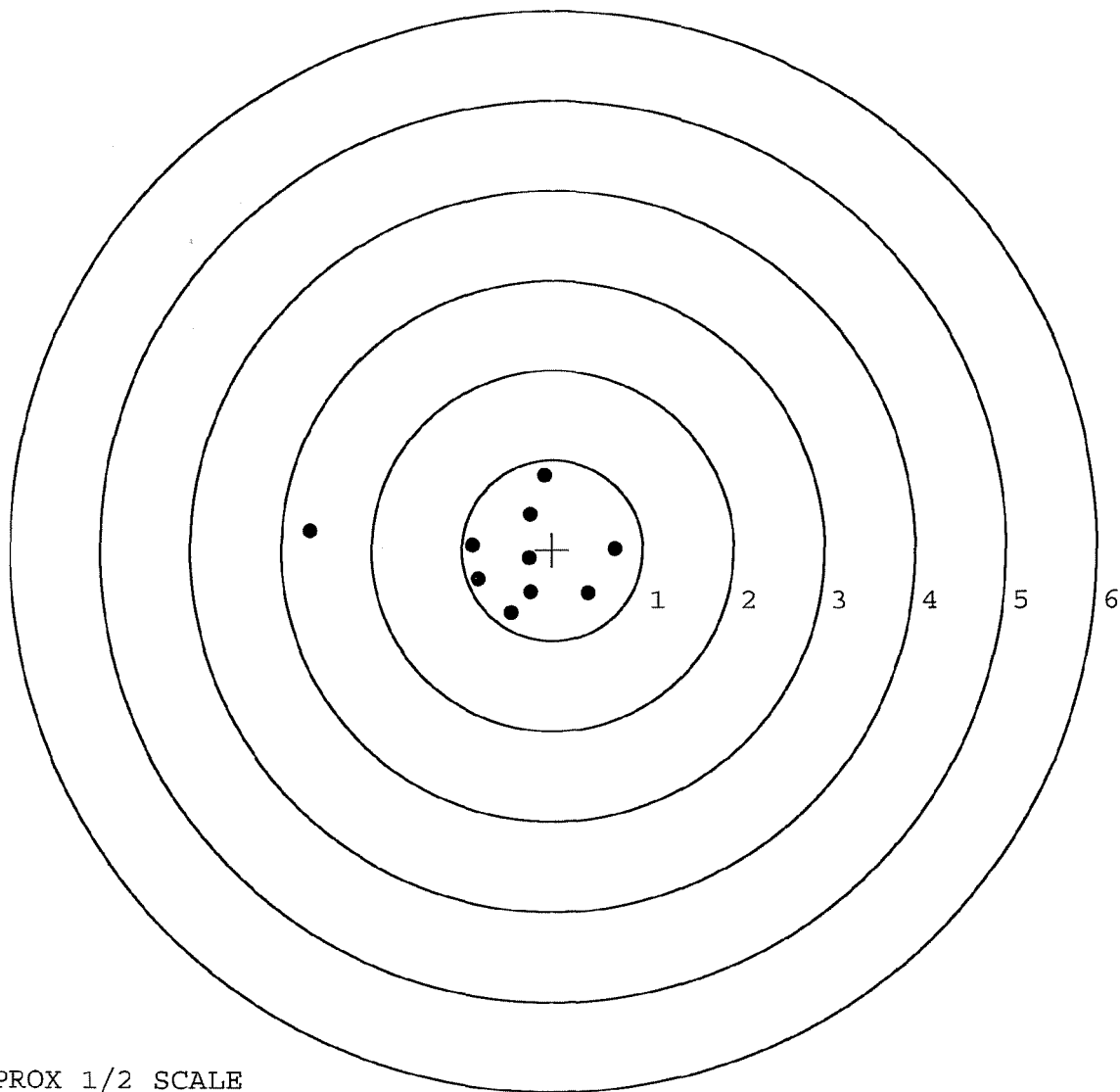
MAX RADIUS: 2.241

MEAN RADIUS: 0.801

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0153904

SERIAL NUMBER: G6461724. __ 0

TARGET NUMBER: 3

FILE DATE: 02/01/2007

FILE TIME: 23:21

POINT#	X	Y
1:	-0.639	0.301
2:	-0.200	0.135
3:	-0.213	-0.020
4:	-0.618	-0.349
5:	-1.432	-0.316
6:	1.275	-0.060
7:	0.689	0.389
8:	0.423	0.041
9:	0.226	-0.458
10:	-0.498	0.190

X CENTROID: -0.099

Y CENTROID: -0.015

POA TO CENTROID: 0.100

HORZ SPREAD: 2.707

VERT SPREAD: 0.847

GROUP SPREAD: 2.719

MIN RADIUS: 0.114

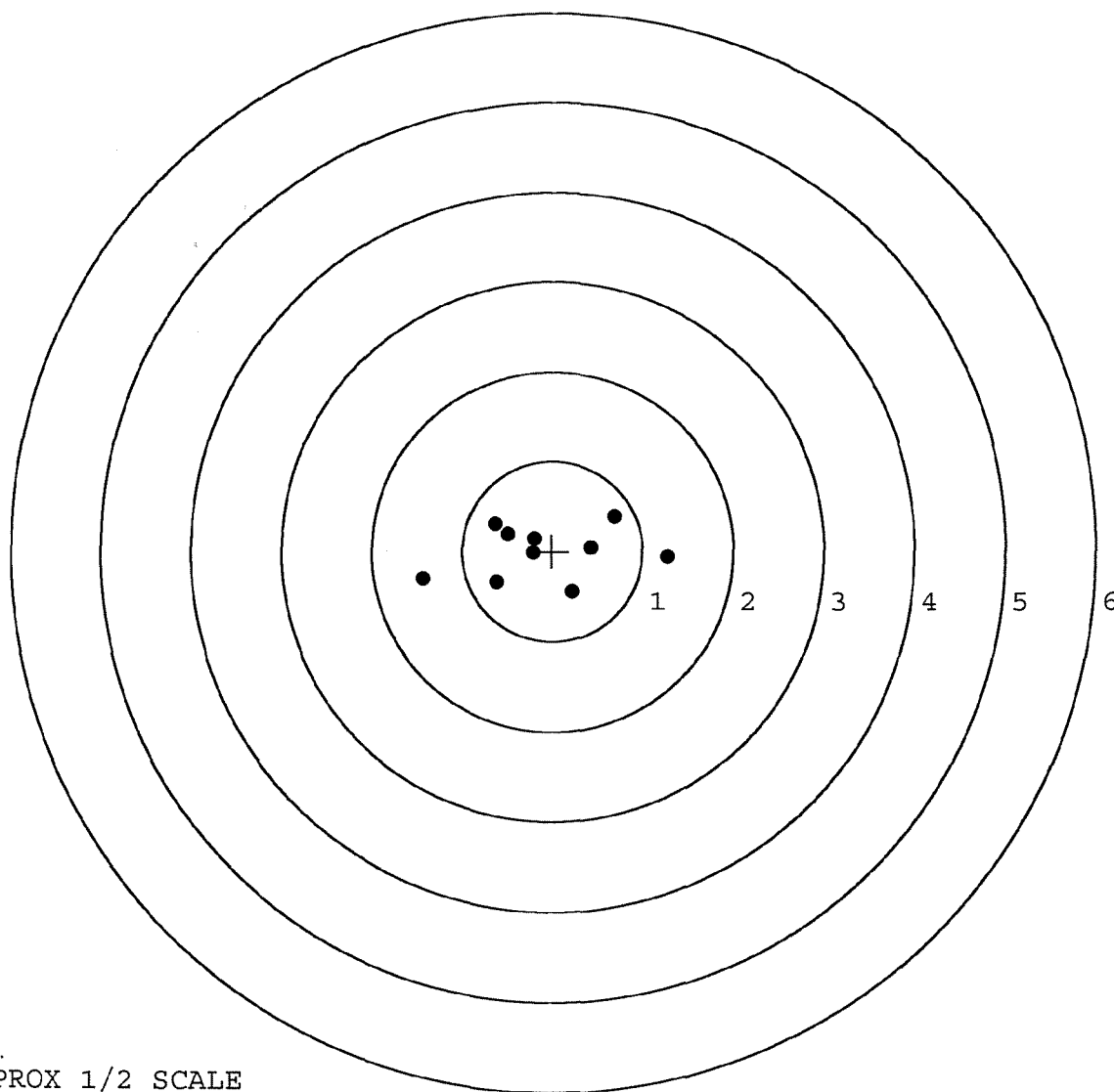
MAX RADIUS: 1.374

MEAN RADIUS: 0.669

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



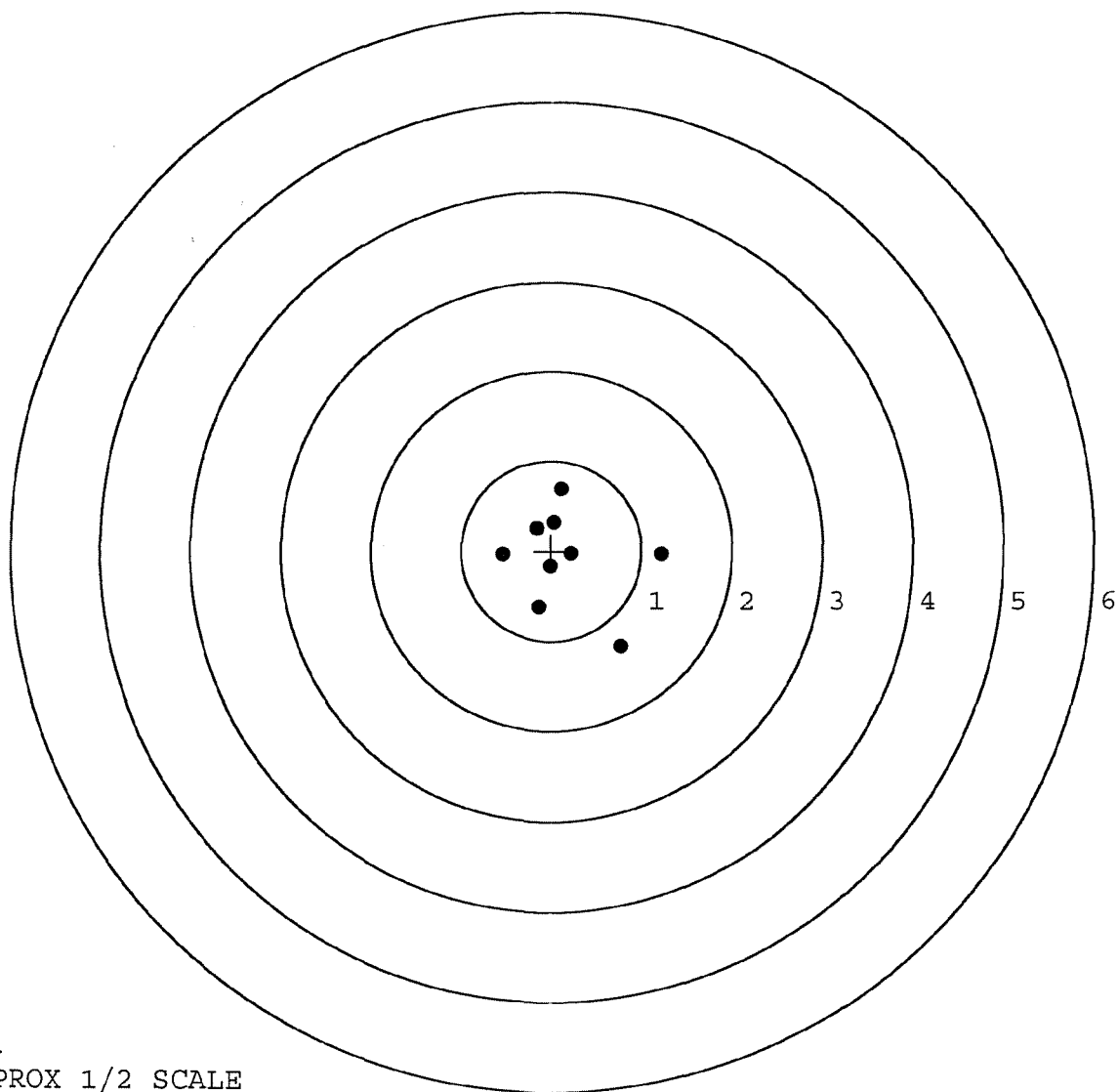
TARGET APPROX 1/2 SCALE

BARBER - M24 0153905

SERIAL NUMBER: G6461724. 0
 TARGET NUMBER: 4
 FILE DATE: 02/01/2007
 FILE TIME: 23:21

POINT#	X	Y
1:	0.111	0.686
2:	1.226	-0.039
3:	0.779	-1.064
4:	-0.139	-0.625
5:	-0.535	-0.045
6:	-0.007	-0.171
7:	-0.165	0.253
8:	0.031	0.318
9:	0.226	-0.030

X CENTROID: 0.170
 Y CENTROID: -0.080
 POA TO CENTROID: 0.187
 HORZ SPREAD: 1.761
 VERT SPREAD: 1.750
 GROUP SPREAD: 1.873
 MIN RADIUS: 0.075
 MAX RADIUS: 1.158
 MEAN RADIUS: 0.609
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0153906

SERIAL NUMBER: G6461724. __0

TARGET NUMBER: 5

FILE DATE: 02/01/2007

FILE TIME: 23:21

POINT#	X	Y
1:	-0.423	0.783
2:	-0.232	0.452
3:	0.088	0.475
4:	0.465	0.016
5:	-0.876	0.164
6:	0.965	0.365
7:	1.008	-0.371
8:	0.179	-0.916
9:	-0.618	-0.329
10:	-0.849	-0.365

X CENTROID: 0.146

Y CENTROID: 0.027

POA TO CENTROID: 0.148

HORZ SPREAD: 1.857

VERT SPREAD: 1.699

GROUP SPREAD: 1.955

MIN RADIUS: 0.319

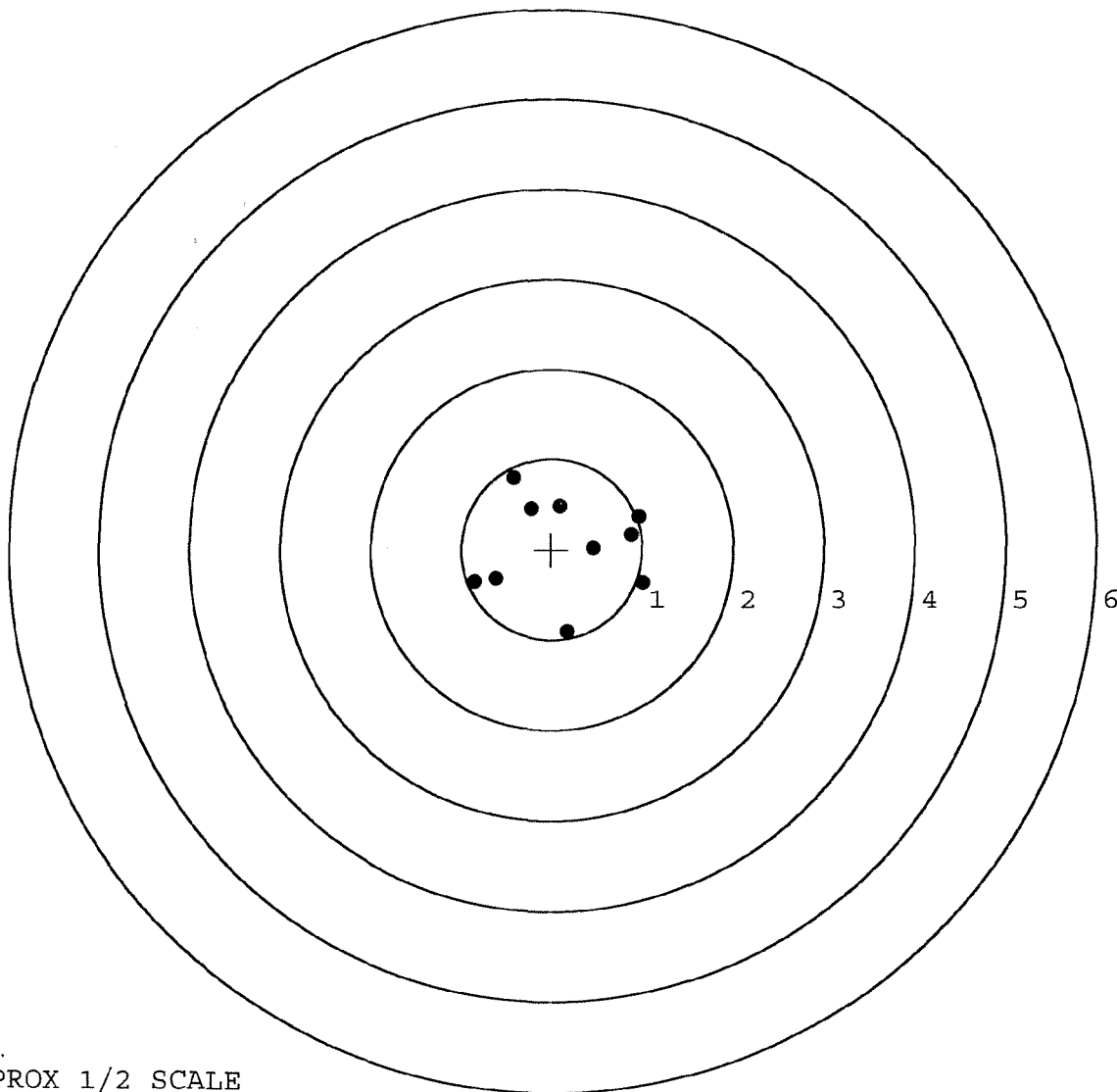
MAX RADIUS: 1.069

MEAN RADIUS: 0.772

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	124037		
SERIAL NUMBER	G60461724		
LOG-IN DATE	1-22-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	1-22-07	RTZ
505	RE-BARREL	1-24-07	RTZ
420	ASSEMBLE	1-24-07	RTZ
440	PROOF	MAGNA-FLUX INSPECTED 1-25-07	TRW
460	CHECK HEADSPACE	1-25-07	TRW
470	DIS-ASSEMBLE GUN	JAN 29 2007 1-25-07	RTZ
480	MAGNAFLUX	OPERATOR APD 1-29-07	APD
510	DRILL AND TAP	1-26-07	TRW
500	ROLLMARK CALIBER	1-29-07	CW
520	GOFF BLAST BBL / REC	1-29-07	CB
530 & 540	APPLY COATINGS	1-29-07	WR
560	FINAL ASSEMBLY	2-1-07	RTZ
640	FUNCTION TEST AND	PASS FAIL 2/1/07	WR
650	TARGET	PASS FAIL 2/1/07	WR
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-16-07	RTZ
	A) HEADSPACE	PASS FAIL 2-16-07	RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.74 2.68 2.69 2.73 2.71 2-9-07	FM
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 5.5 5.0 5.25 2-9-07	TRW
	G) SAFETY OFF FORCE	2 LBS MIN 2.5 2.25 2.25 2-9-07	TRW
	I) FIRING PIN INDENT	.020 .024 .024 .024 2-9-07	TRW
690	PACK	2-16-07	DA

F006 REV 5/2006

BARREL ASSEMBLY

BARREL_____
RECEIVER_____
FRONT SIGHT BASE_____
REAR SIGHT BASE_____
SCREWS_____
FINISH

SCOPE ASSEMBLY

SCOPE_____
SCOPE RINGS_____
MOUNTING SCREWS_____
MOUNTING BASE_____
SCREWS_____
FINISH_____
CLARITY

STOCK ASSEMBLY

STOCK_____
SLING SWIVEL STUDS_____
BUTT PATE_____
LOCK NUTS_____
BARREL CLEARANCE_____
COLOR / FINISH

SYSTEM CASE

SCOPE CASE_____
IRON SIGHTS_____
DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION_____
RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006

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



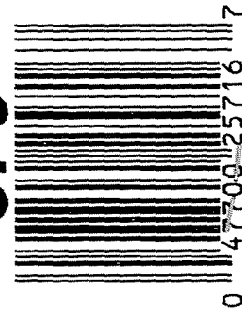
ORDER NO. **25716**

BARREL LENGTH **24"**

CAPACITY **6**

G6461624

UPC



ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTE

UPC

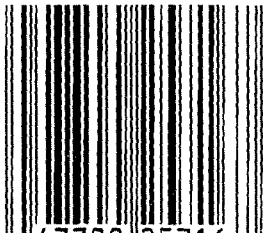


0 47700 25716 7

ORDER 25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTE

UPC



0 47700 25716 7

SERIAL NO.



66461624

25716

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)



.MA25716

Shop Order: SW5716 - APR



.ABSW5716 - APR

Start Date: 3/11/2005

Finish Date: 4/14/2005

0520

Goff Blast Barrel & Rec Assembly,

78ROT01



0003858612

0540

Flat Black Powder Coat, Barrel and

01PC001



0003858602

0560

Reassemble Action.

89SWS1



0003858603

0690

Pack Rifle & Stencil SWS Container

89SWS1



.OP0690

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6461624

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		4-15-05	RTZ
600	PROOF		4-18-05	AC
607	CHECK HEADSPACE	MAGNA-FLUX INSPECTED	4-18-05	AC
610	DIS-ASSEMBLE GUN	APR 20 2005	4-18-05	RTZ
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OPERATOR <u>BS</u>		
615	ROLLMARK CALIBER		4-21-05	CW
617	DRILL AND TAP SIGHT HOLES		4-18-05	TRL
620	APPLY COATINGS (BARREL ACTION)		5-6-05	WD
	(BOLT)			
625	FINAL ASSEMBLY		5-12-05	RTZ
	A) CLEAN INSIDE OF BOLT ASSEMBLY			
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		5-12-05	RTZ
	C) INSPECT EJECTOR HOLE FOR CHAMFER		5-12-05	RTZ
	D) OIL FIRING PIN ASSEMBLY		5-12-05	RTZ
	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	7 lbs	7 lbs	7 lbs	5-31-05	Ac		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	4 lbs	4 lbs	4 lbs	5-31-05	Ac		
	H) TRIGGER PULL TEST AND RETAINABILITY					5-23-05	Ac		
	I) FIRING PIN INDENT	.020 MIN	.024	.025	.024	5-31-05	Ac		
	J) ASSEMBLE STOCK					5-12-05	RL		
	K) ASSEMBLE SWIVEL STUDS					5-31-05	Ac		
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					5-12-05	RL		
	M) IRON SIGHT ALIGNMENT					5-12-05	RL		
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					5-12-05	RL		
640	GALLERY TEST AND TARGET		PASS FAIL			5-13-05	Ac		
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
645	INSPECT FOR LIVE AMMO					5-13-05	TRW		
655	FINAL INSPECTION A) HEADSPACE					5-31-05	Ac		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.99	2.64	2.64	2.62	2.73	5-23-05	Ac
	C) FUNCTION					5-31-05	Ac		
660	PACK					5-31-05	DA		

AVERAGE PULL FORCE BETWEEN

SERIAL NO.

INITIAL & FINAL M24 0153914

DATE 5-3-05

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)

TESTER TRL

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.57	2.60		2.33	
PULL #2	2.33	2.47		2.42	
PULL #3	2.20	2.15		2.48	
PULL #4	2.41	2.28		2.47	
PULL #5	2.37	2.33		2.48	
TOTAL	11.88	11.83		12.18	
AVERAGE	2.37	2.36		2.43	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.34	3.07		
PULL #2	3.27	3.06		
PULL #3	3.11	3.14		
PULL #4	3.26	3.24		
PULL #5	3.25	3.13		
TOTAL	16.23	15.64		
AVERAGE	3.24	3.12		

	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	4.64	4.30		4.49
PULL #2	4.39	4.38		4.33
PULL #3	4.38	4.33		4.29
PULL #4	4.42	4.39		4.24
PULL #5	4.38	4.30		4.31
TOTAL	22.21	21.70		21.66
AVERAGE	4.44	4.34		4.33

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461624. __0
FILE DATE AND TIME: 05/13/2005 06:15

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

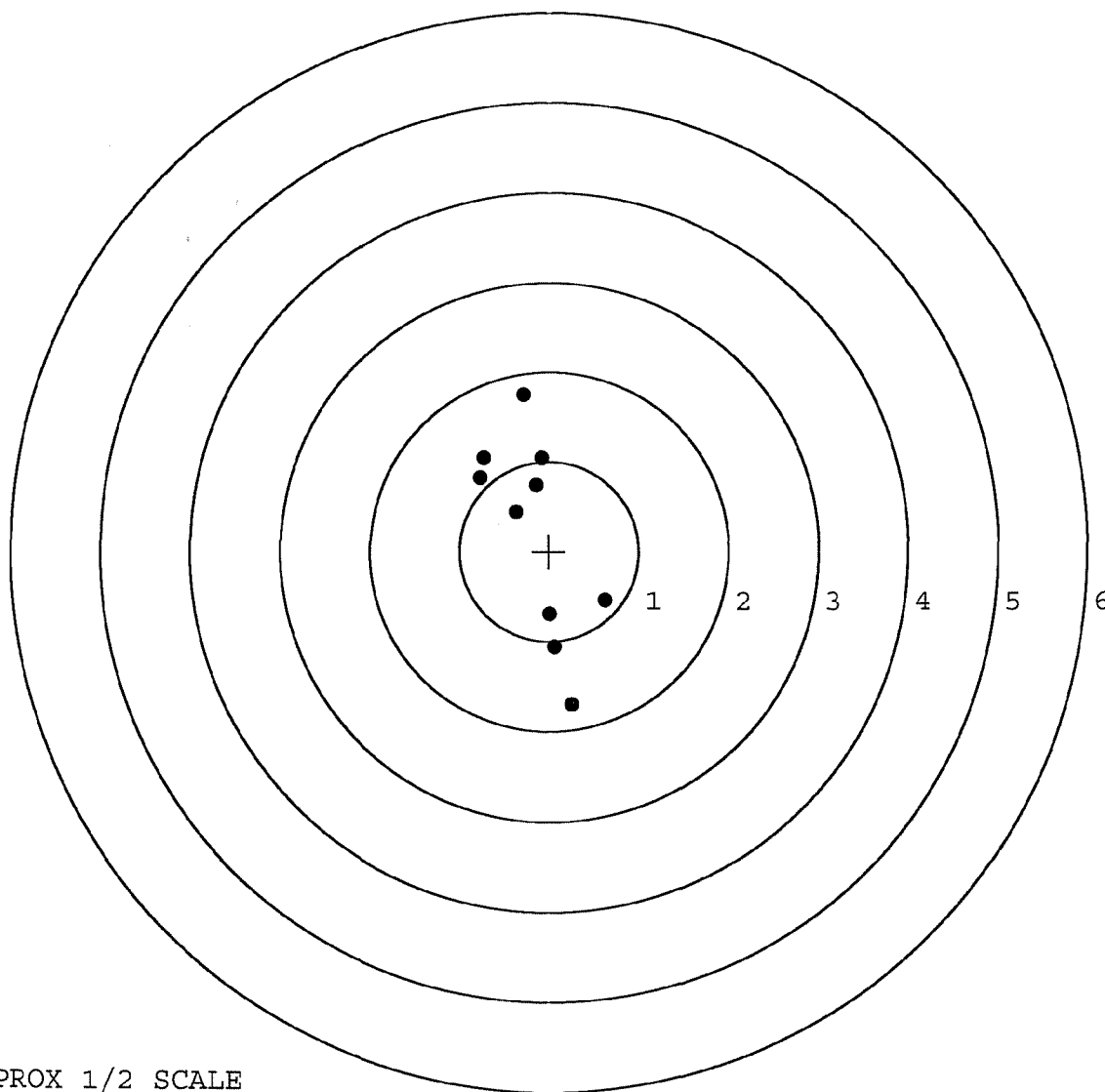
The Average X Centroid of the Five Target Set:	-0.281
The Average Y Centroid of the Five Target Set:	0.405
The Average Point of Impact of the Five Target Set:	0.493
The Average Mean Radius of the Five Target Set:	1.015
The Distance from POA to Centroid Target #1:	0.229
The Distance from Centroid Target #2 to Centroid Target #1:	1.274
The Distance from Centroid Target #3 to Centroid Target #1:	0.522
The Distance from Centroid Target #4 to Centroid Target #1:	0.180
The Distance from Centroid Target #5 to Centroid Target #1:	0.379

BARBER - M24 0153916

SERIAL NUMBER: G6461624. 0
 TARGET NUMBER: 1
 FILE DATE: 05/13/2005
 FILE TIME: 06:15

POINT#	X	Y
1:	0.631	-0.550
2:	0.013	-0.705
3:	0.065	-1.072
4:	0.256	-1.710
5:	-0.379	0.434
6:	-0.293	1.742
7:	-0.086	1.038
8:	-0.148	0.739
9:	-0.736	1.039
10:	-0.779	0.819

X CENTROID: -0.146
 Y CENTROID: 0.177
 POA TO CENTROID: 0.229
 HORZ SPREAD: 1.410
 VERT SPREAD: 3.452
 GROUP SPREAD: 3.495
 MIN RADIUS: 0.347
 MAX RADIUS: 1.930
 MEAN RADIUS: 1.045
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0153917

SERIAL NUMBER: G6461624. __0

TARGET NUMBER: 2

FILE DATE: 05/13/2005

FILE TIME: 06:15

POINT#	X	Y
1:	-0.436	-0.710
2:	-1.404	-1.008
3:	-0.967	-0.114
4:	-1.395	0.024
5:	-1.663	1.009
6:	-2.254	1.849
7:	-1.738	2.412
8:	-1.345	2.842
9:	-0.192	-0.115
10:	-1.620	0.938

X CENTROID: -1.301

Y CENTROID: 0.713

POA TO CENTROID: 1.484

HORZ SPREAD: 2.254

VERT SPREAD: 3.850

GROUP SPREAD: 3.850

MIN RADIUS: 0.390

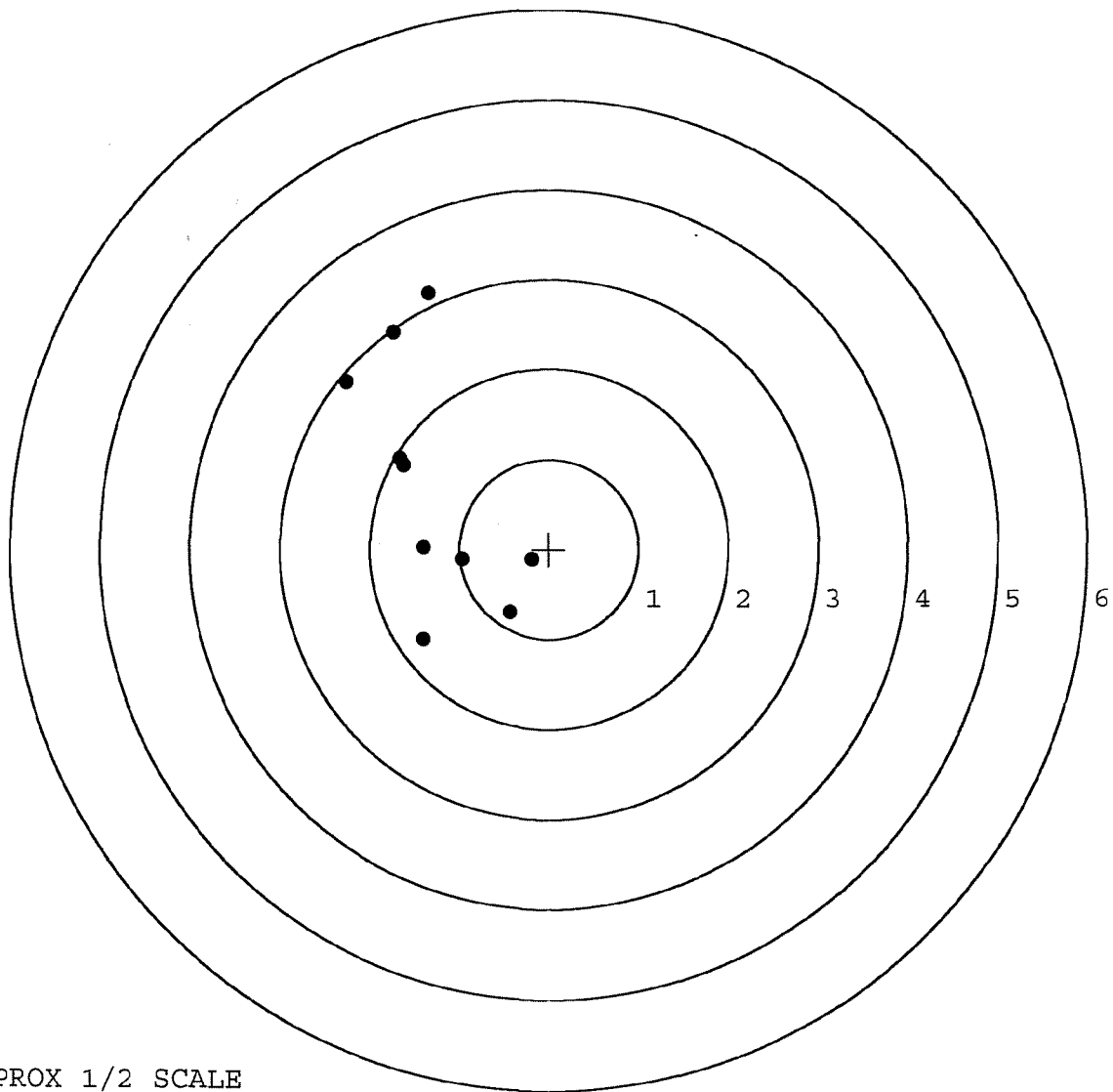
MAX RADIUS: 2.130

MEAN RADIUS: 1.258

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

BARBER - M24 0153918

SERIAL NUMBER: G6461624. __0

TARGET NUMBER: 3

FILE DATE: 05/13/2005

FILE TIME: 06:15

POINT#	X	Y
1:	0.191	-0.753
2:	-0.383	-0.603
3:	-0.199	-0.747
4:	-0.265	-1.075
5:	-0.038	0.407
6:	-0.294	1.320
7:	-0.513	1.902
8:	0.228	1.842
9:	-0.578	2.145
10:	-0.352	2.501

X CENTROID: -0.220

Y CENTROID: 0.694

POA TO CENTROID: 0.728

HORZ SPREAD: 0.806

VERT SPREAD: 3.576

GROUP SPREAD: 3.577

MIN RADIUS: 0.340

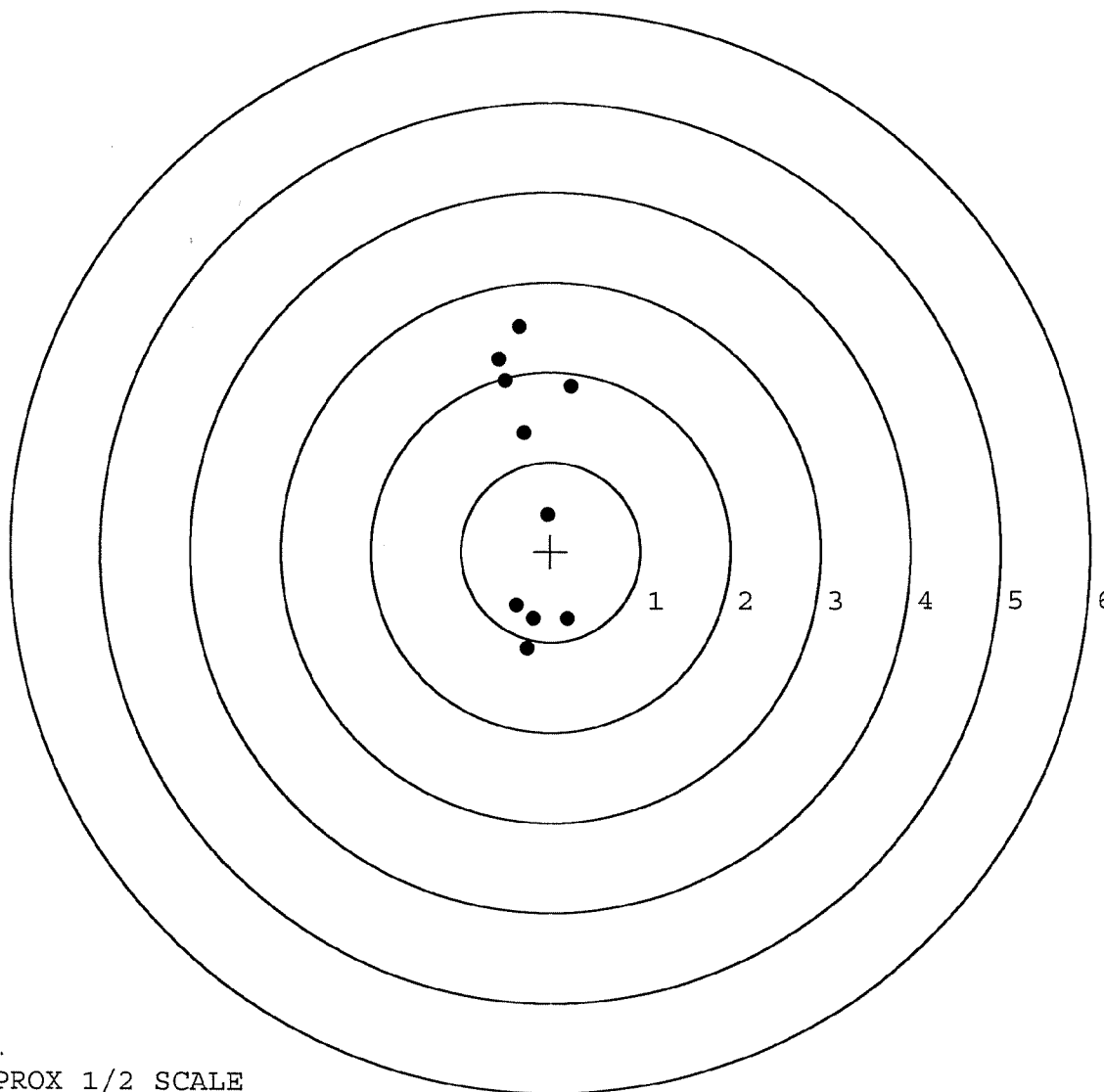
MAX RADIUS: 1.812

MEAN RADIUS: 1.277

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 2

in 3 IN DIAMETER: 7

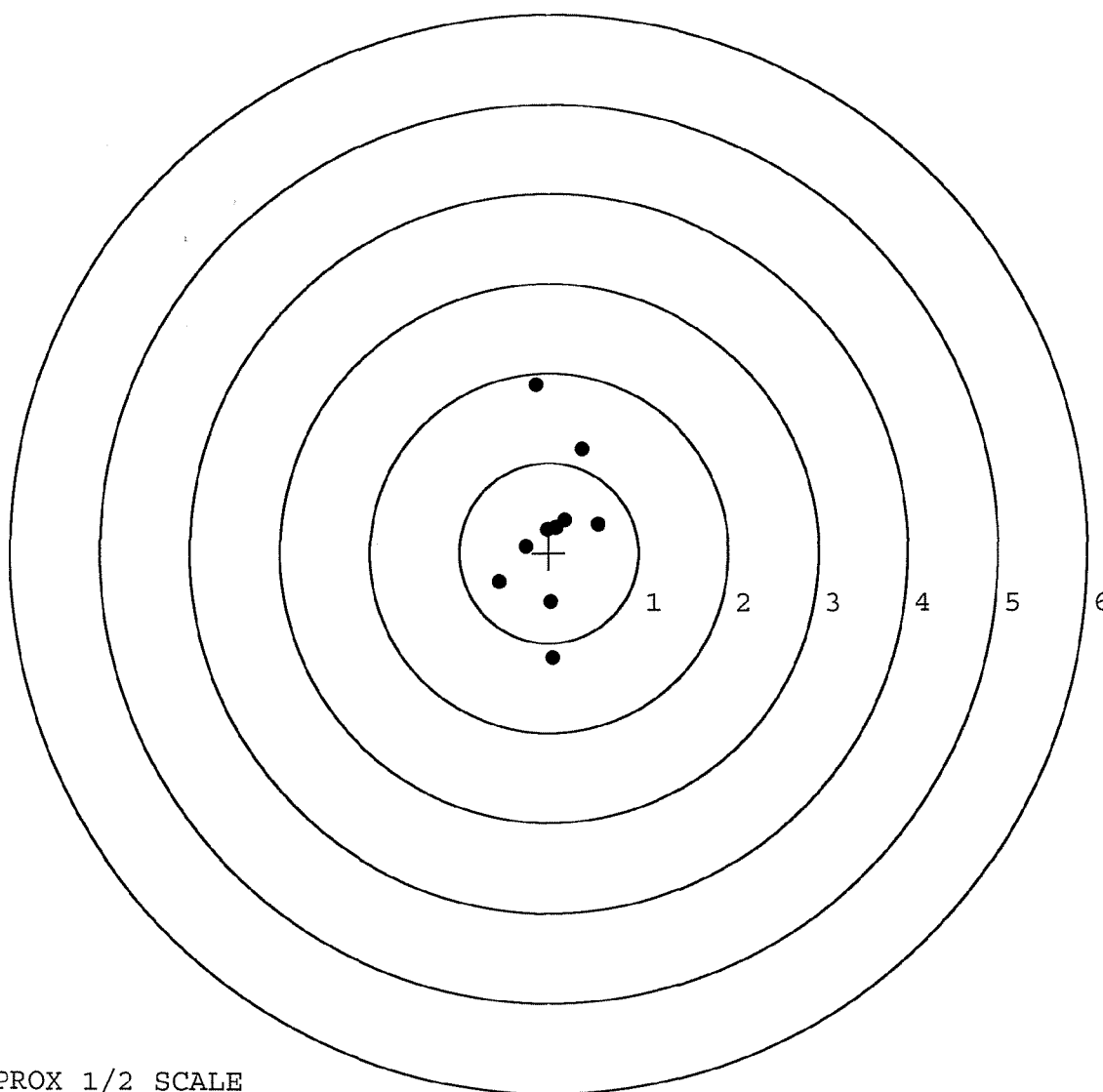


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461624. 0
 TARGET NUMBER: 4
 FILE DATE: 05/13/2005
 FILE TIME: 06:15

POINT#	X	Y
1:	-0.143	1.871
2:	0.368	1.148
3:	0.553	0.320
4:	0.183	0.361
5:	-0.255	0.072
6:	0.085	0.279
7:	-0.559	-0.329
8:	0.025	-0.548
9:	0.041	-1.172
10:	-0.016	0.255

X CENTROID: 0.028
 Y CENTROID: 0.226
 POA TO CENTROID: 0.227
 HORZ SPREAD: 1.112
 VERT SPREAD: 3.043
 GROUP SPREAD: 3.049
 MIN RADIUS: 0.053
 MAX RADIUS: 1.654
 MEAN RADIUS: 0.681
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



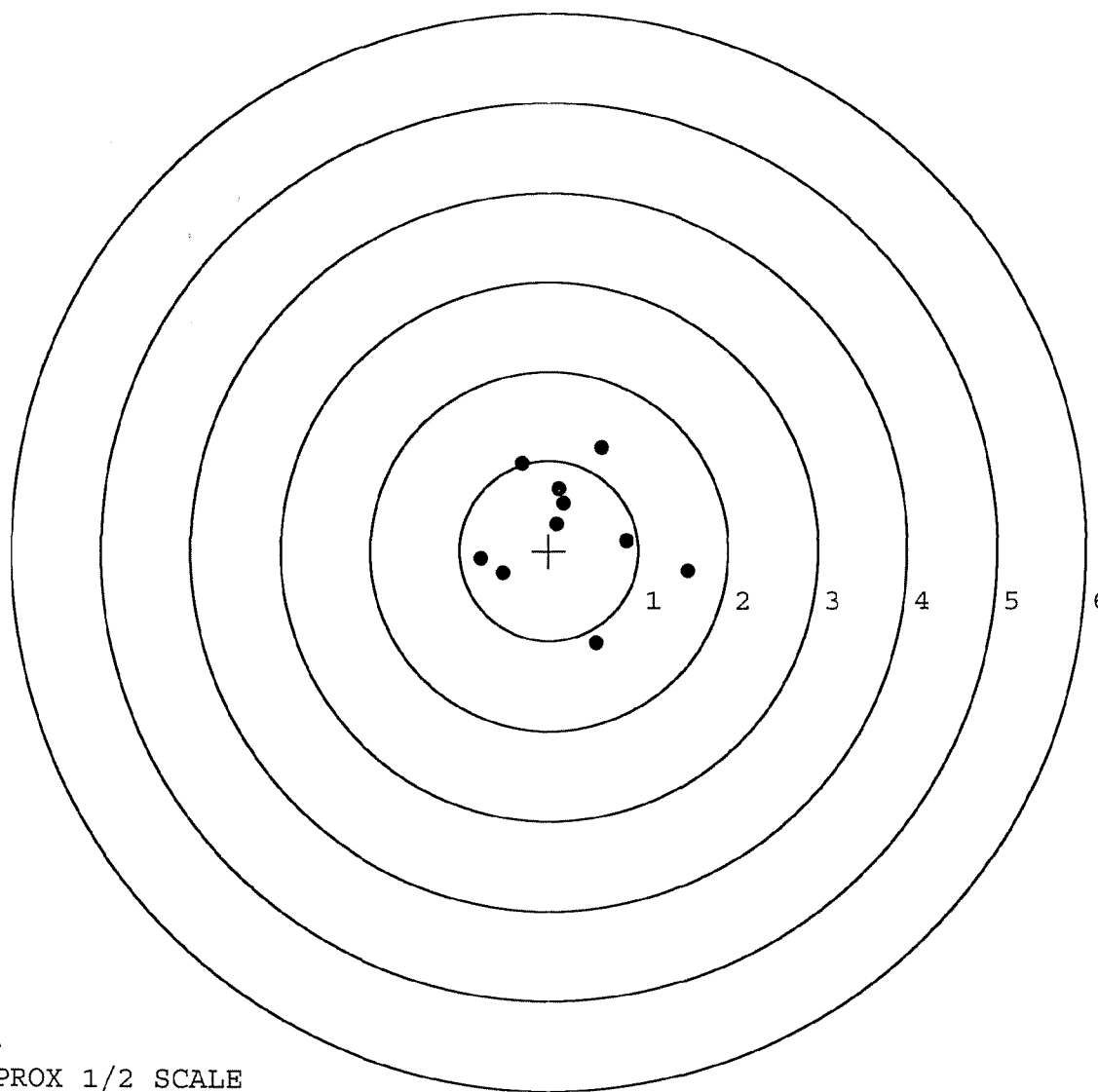
TARGET APPROX 1/2 SCALE

BARBER - M24 0153920

SERIAL NUMBER: G6461624. __0
 TARGET NUMBER: 5
 FILE DATE: 05/13/2005
 FILE TIME: 06:15

POINT#	X	Y
1:	-0.294	0.972
2:	0.589	1.144
3:	0.110	0.689
4:	0.163	0.529
5:	0.081	0.297
6:	-0.764	-0.088
7:	-0.518	-0.252
8:	0.529	-1.029
9:	1.553	-0.221
10:	0.871	0.112

X CENTROID: 0.232
 Y CENTROID: 0.215
 POA TO CENTROID: 0.317
 HORZ SPREAD: 2.317
 VERT SPREAD: 2.173
 GROUP SPREAD: 2.321
 MIN RADIUS: 0.172
 MAX RADIUS: 1.391
 MEAN RADIUS: 0.814
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE