

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

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

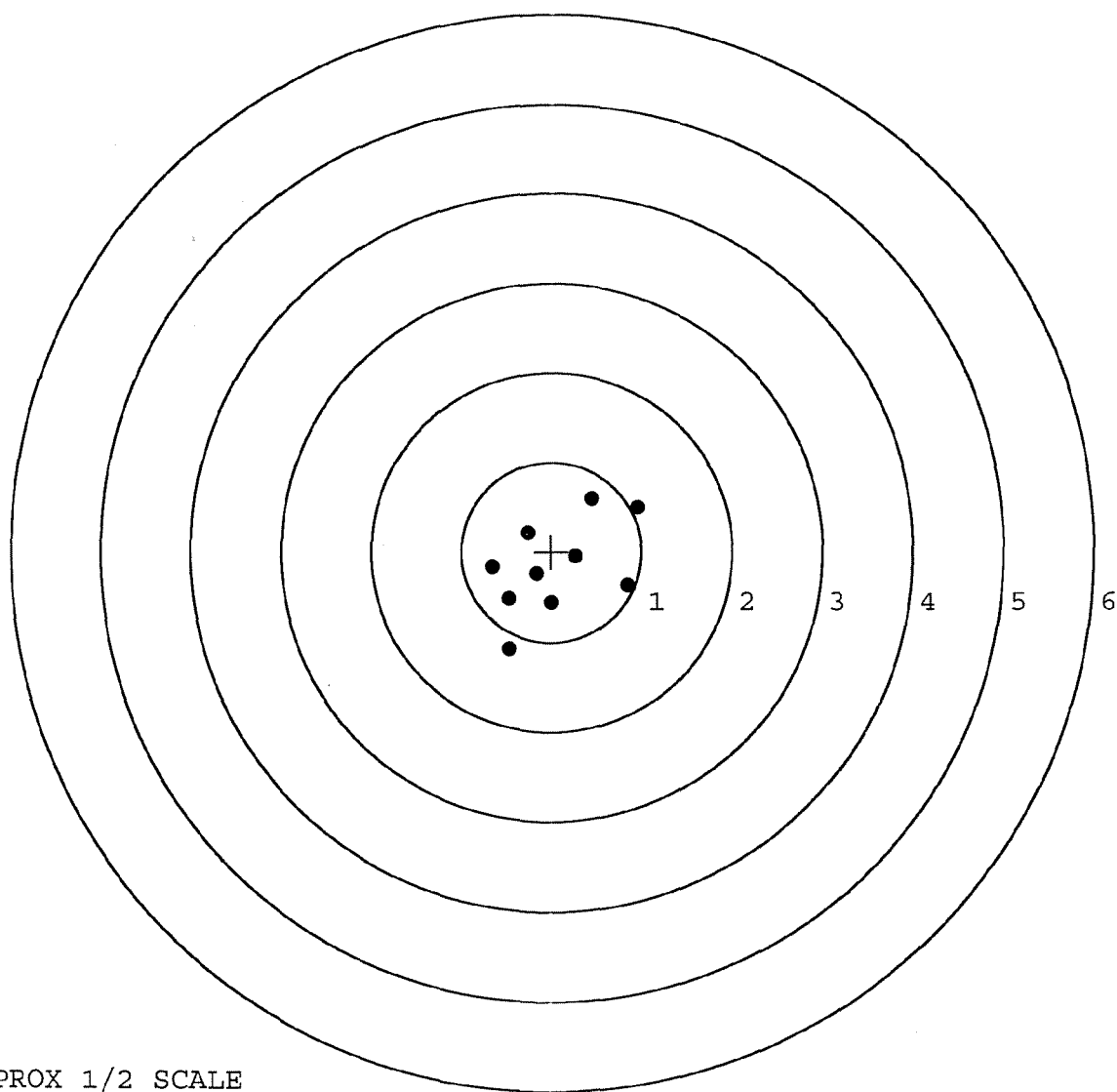
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

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

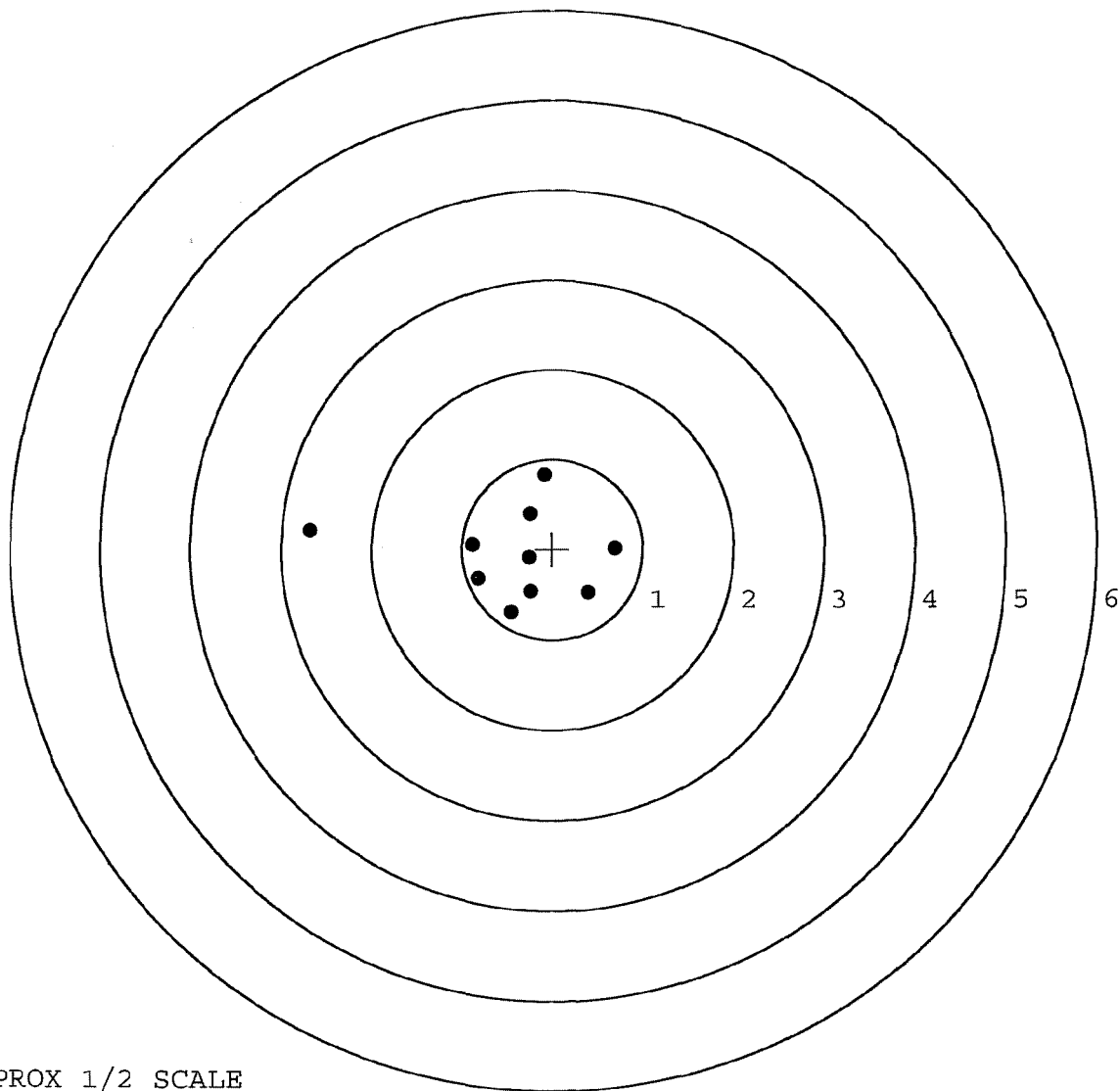
MAX RADIUS: 2.241

MEAN RADIUS: 0.801

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

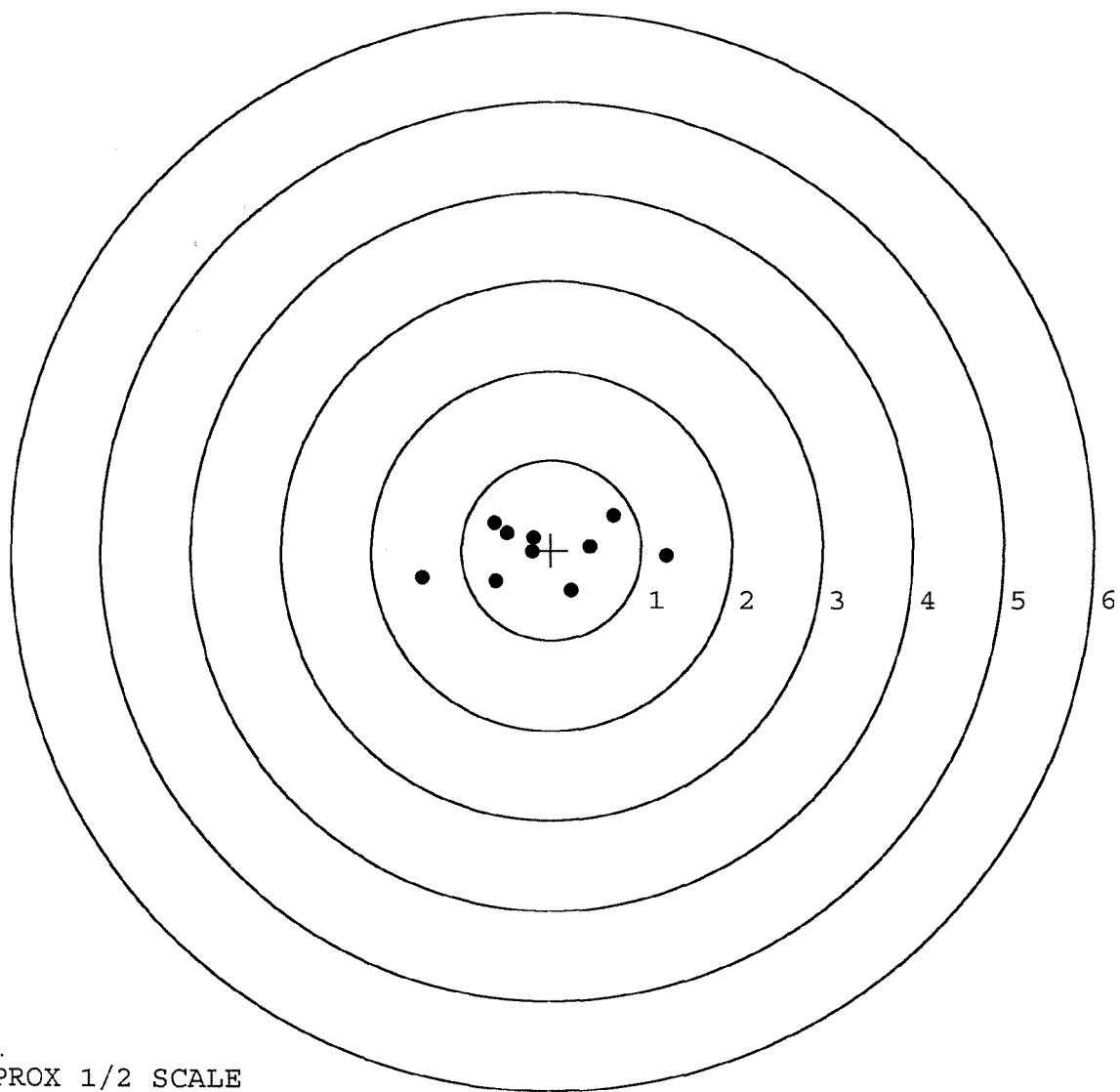
MAX RADIUS: 1.374

MEAN RADIUS: 0.669

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

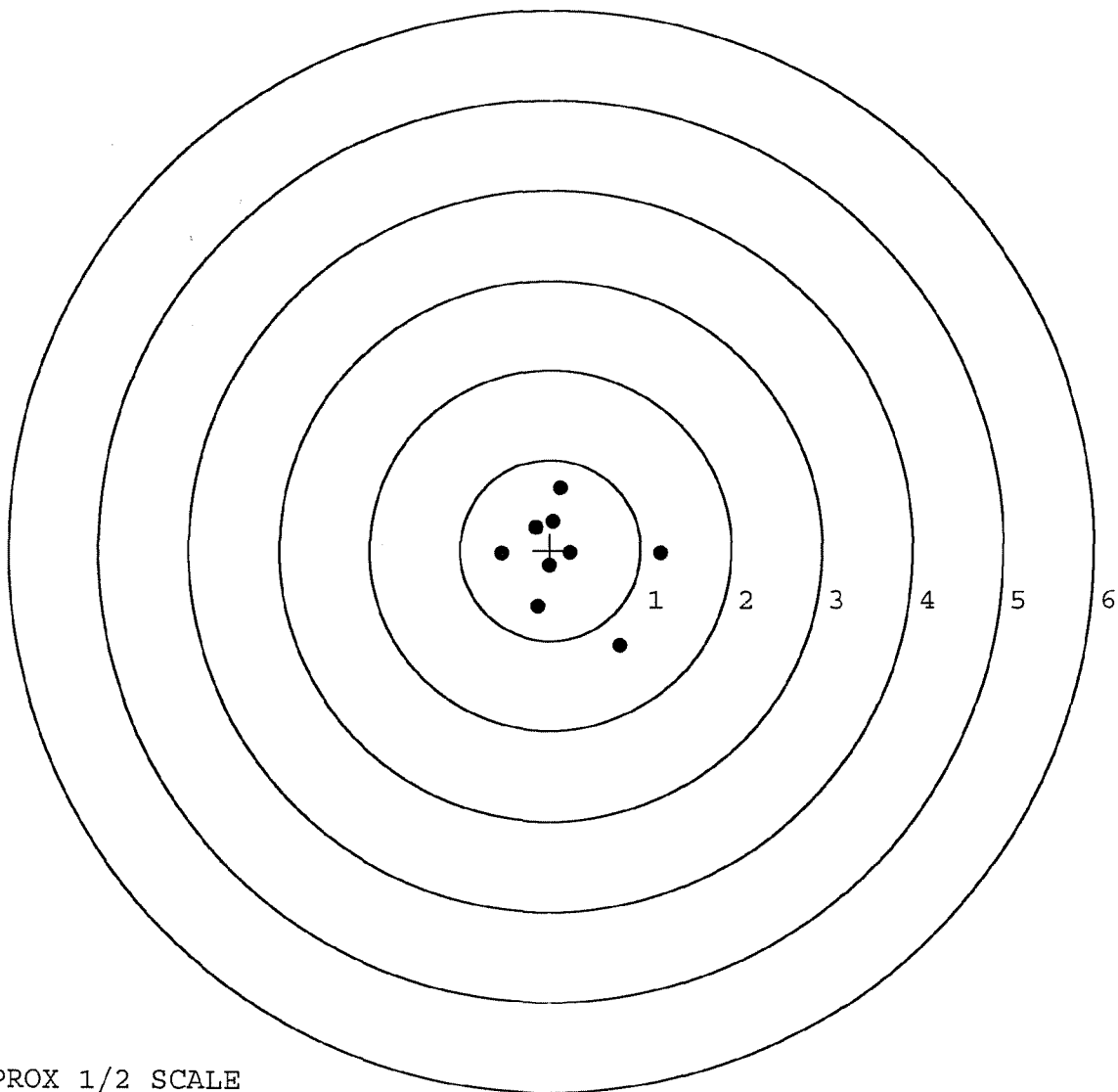


TARGET APPROX 1/2 SCALE

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

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

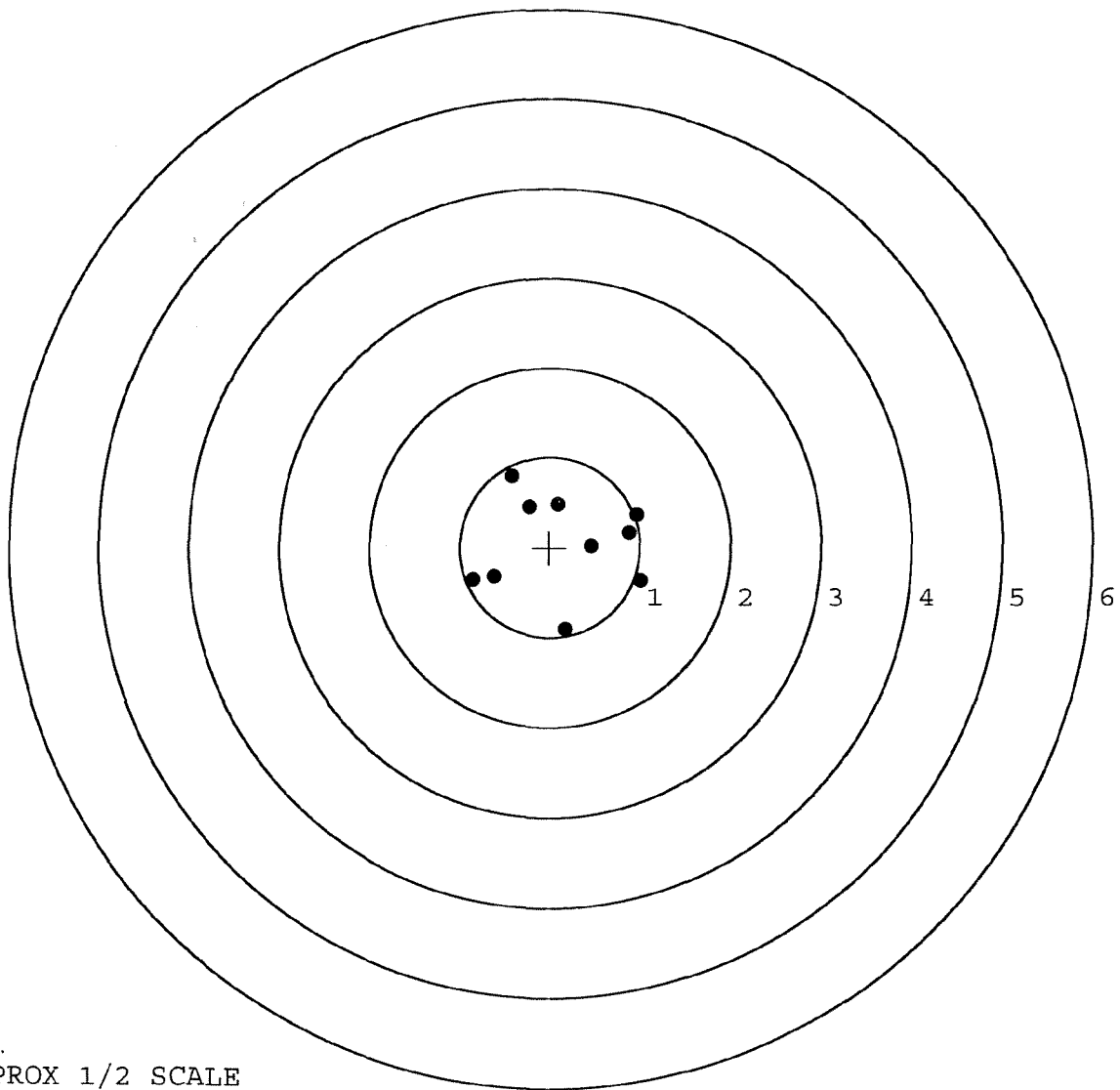
MAX RADIUS: 1.069

MEAN RADIUS: 0.772

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24
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 <u>APD</u> 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	<u>PASS</u> FAIL 2/1/07	non
650	TARGET	<u>PASS</u> FAIL 2/1/07	non
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	2-16-07	RTZ
	A) HEADSPACE	<u>PASS</u> 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

FINAL INSPECTION CHECKLIST

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: _____

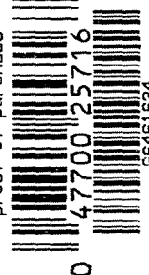
F006 REV 5/2006

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



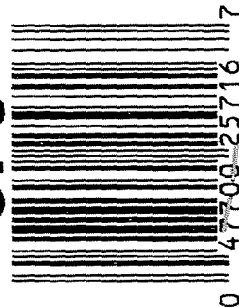
ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

G6461624

UPC



ORDER 25716

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

UPC



0 47700 25716 7

ORDER 25716

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

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**

M-24
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	<u>7 lbs</u> <u>7 lbs</u> <u>7 lbs</u>	5-31-05	<u>A</u>
CONT.	G) SAFETY OFF FORCE 2 LBS MIN	<u>4 lbs</u> <u>4 lbs</u> <u>4 lbs</u>	5-31-05	<u>A</u>
	H) TRIGGER PULL TEST AND RETAINABILITY		5-23-05	<u>A</u>
	I) FIRING PIN INDENT .020 MIN	<u>.024</u> <u>.025</u> <u>.024</u>	5-31-05	<u>A</u>
	J) ASSEMBLE STOCK		5-12-05	<u>RL</u>
	K) ASSEMBLE SWIVEL STUDS		5-31-05	<u>A</u>
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		5-12-05	<u>RL</u>
	M) IRON SIGHT ALIGNMENT		5-12-05	<u>RL</u>
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		5-12-05	<u>RL</u>
640	GALLERY TEST AND TARGET	<u>PASS</u> FAIL	5-13-05	<u>A</u>
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
645	INSPECT FOR LIVE AMMO		5-13-05	<u>TRW</u>
655	FINAL INSPECTION A) HEADSPACE		5-31-05	<u>A</u>
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.99</u> <u>2.64</u> <u>2.64</u> <u>2.62</u> <u>2.73</u>	5-23-05	<u>A</u>
	C) FUNCTION		5-31-05	<u>A</u>
660	PACK		5-31-05	<u>DA</u>

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 5-3-05

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

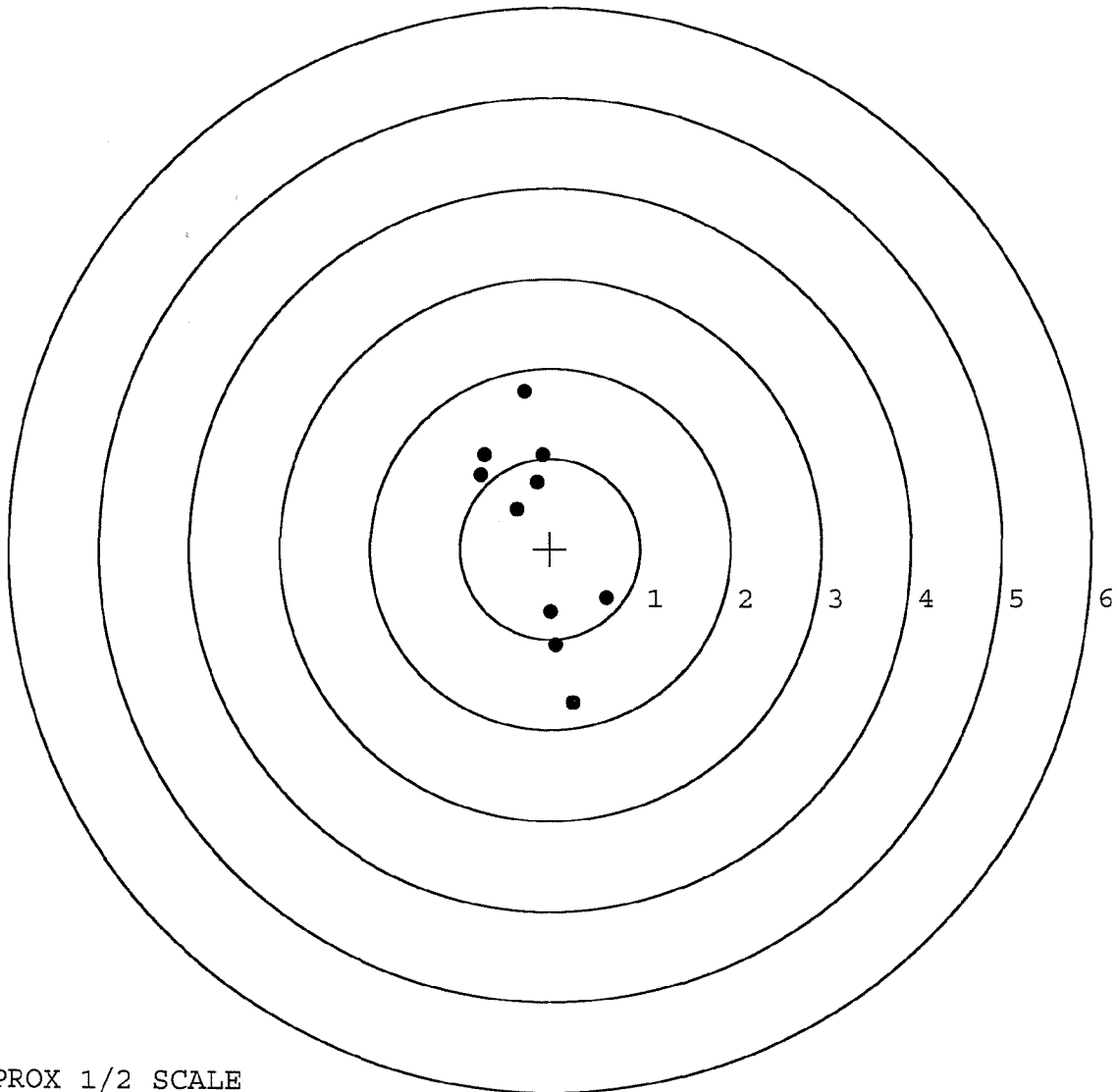
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

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

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



TARGET APPROX 1/2 SCALE

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

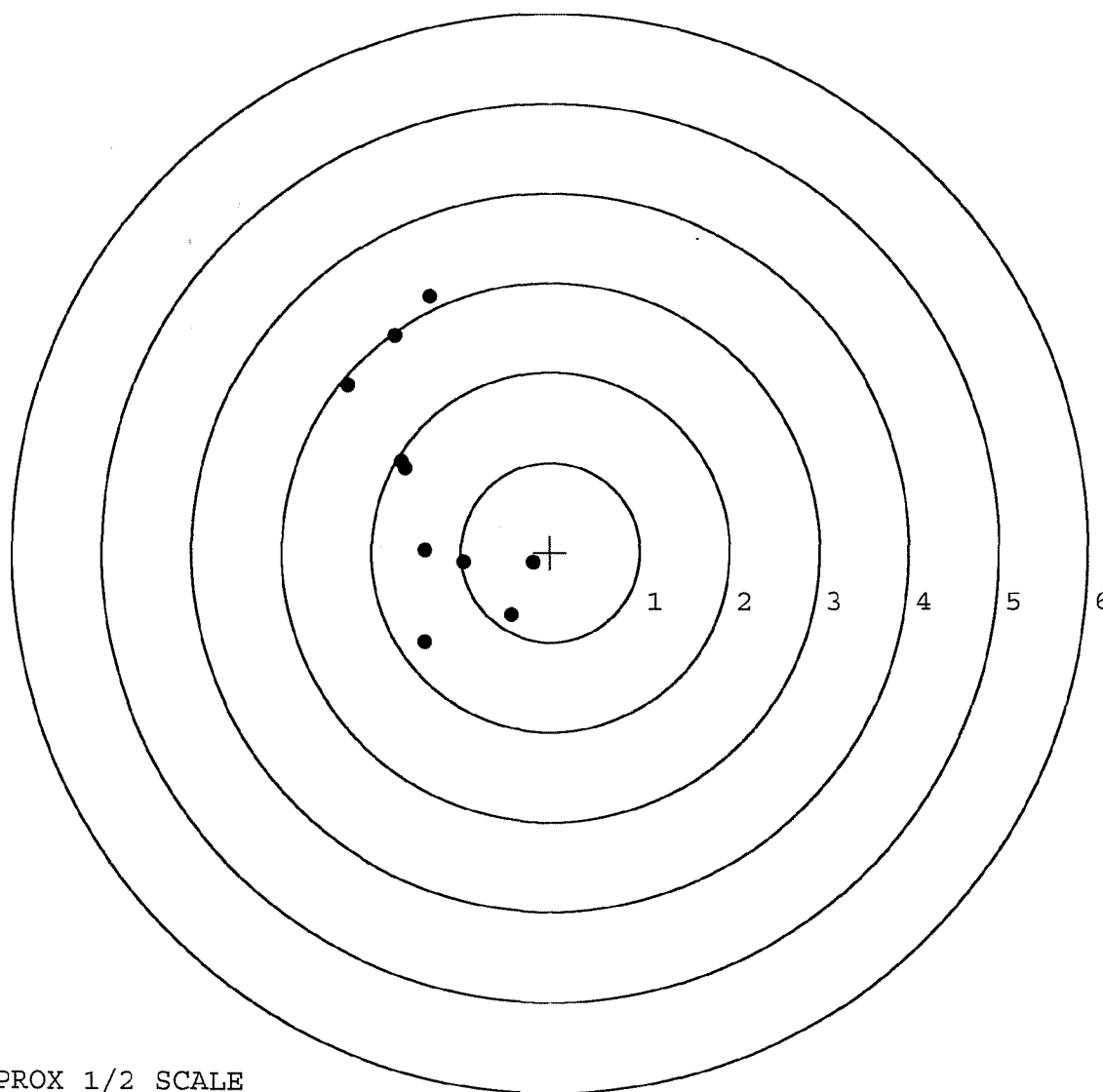
MAX RADIUS: 2.130

MEAN RADIUS: 1.258

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 6

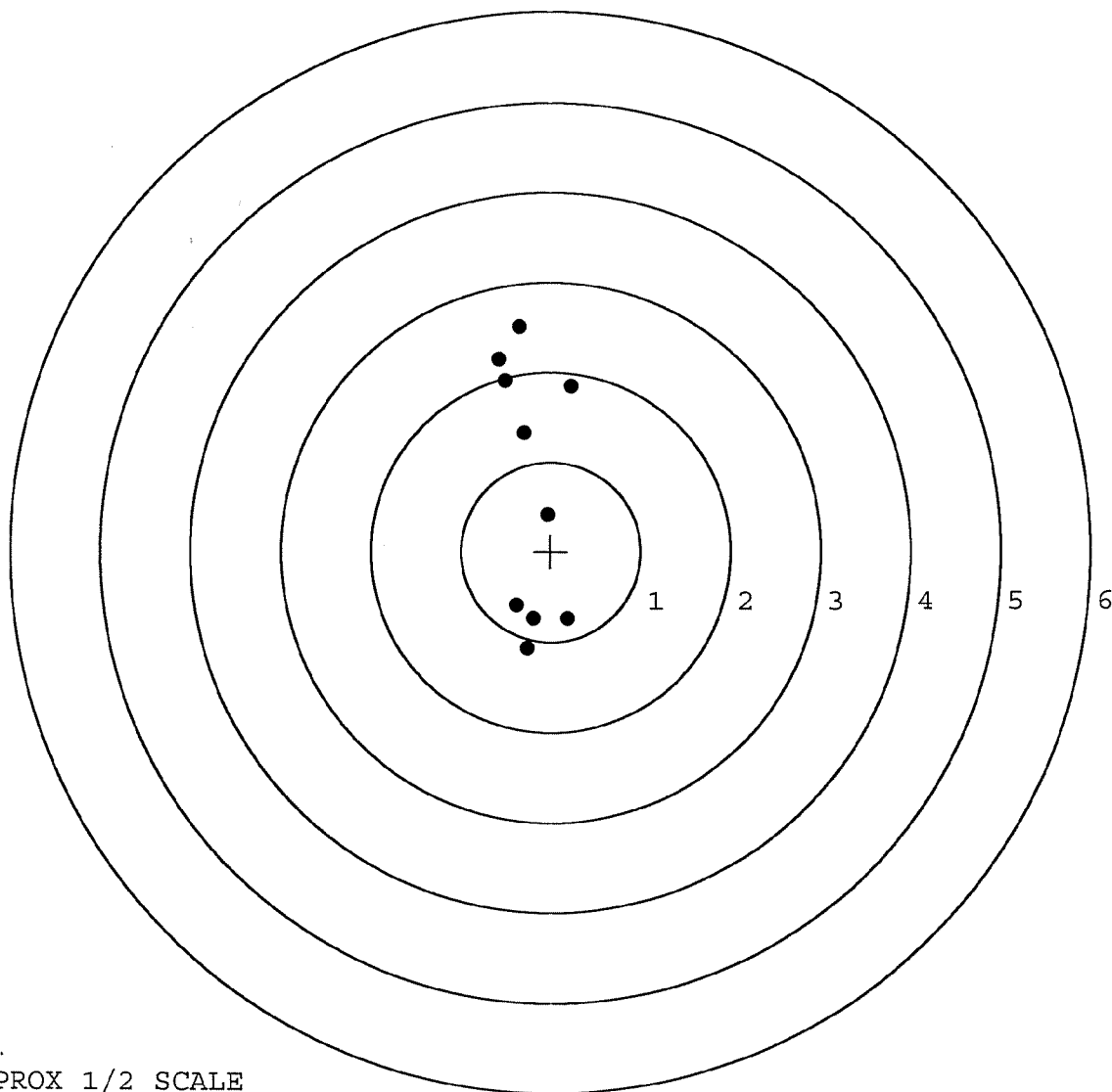


TARGET APPROX 1/2 SCALE

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

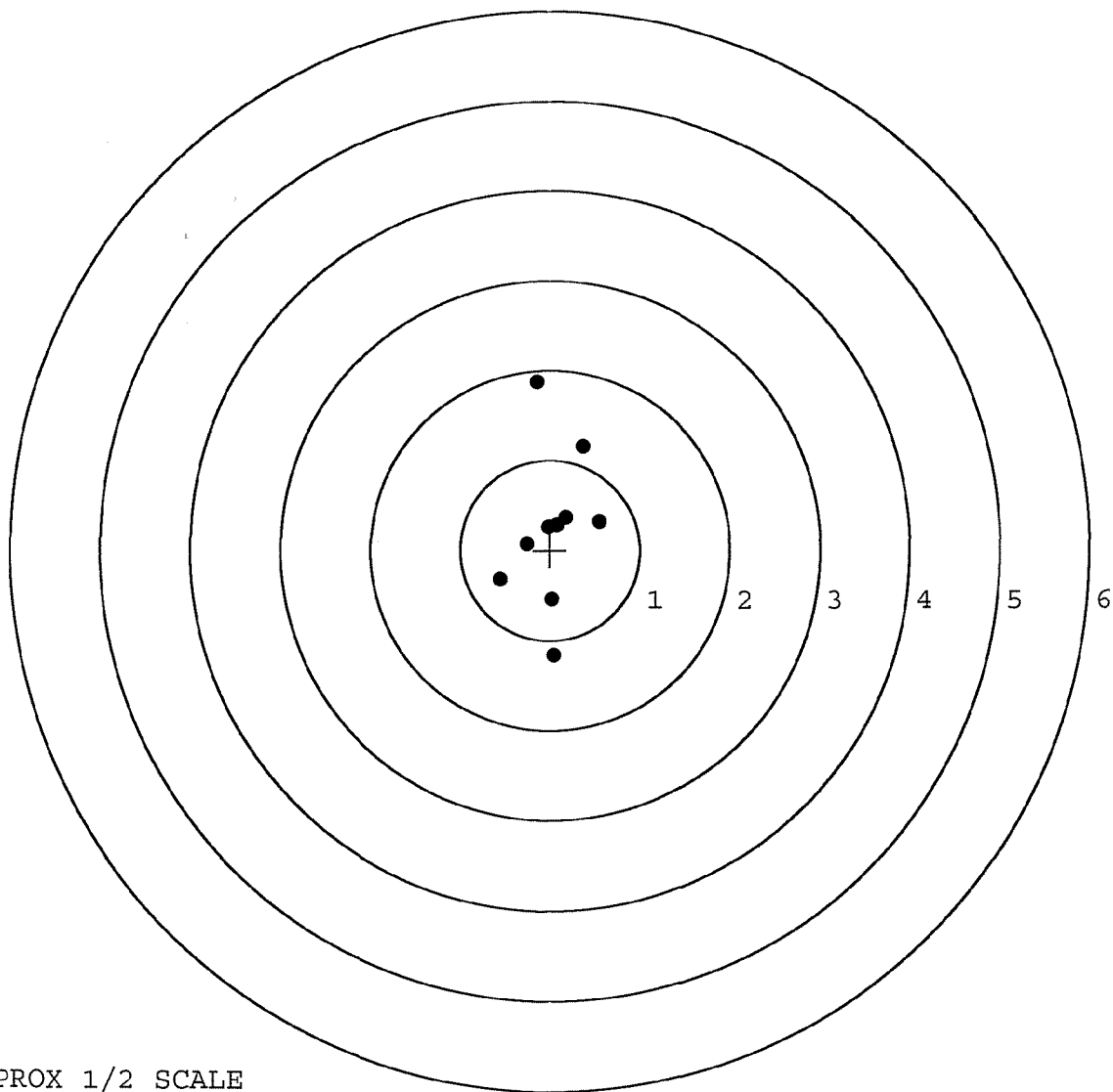


TARGET APPROX 1/2 SCALE

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

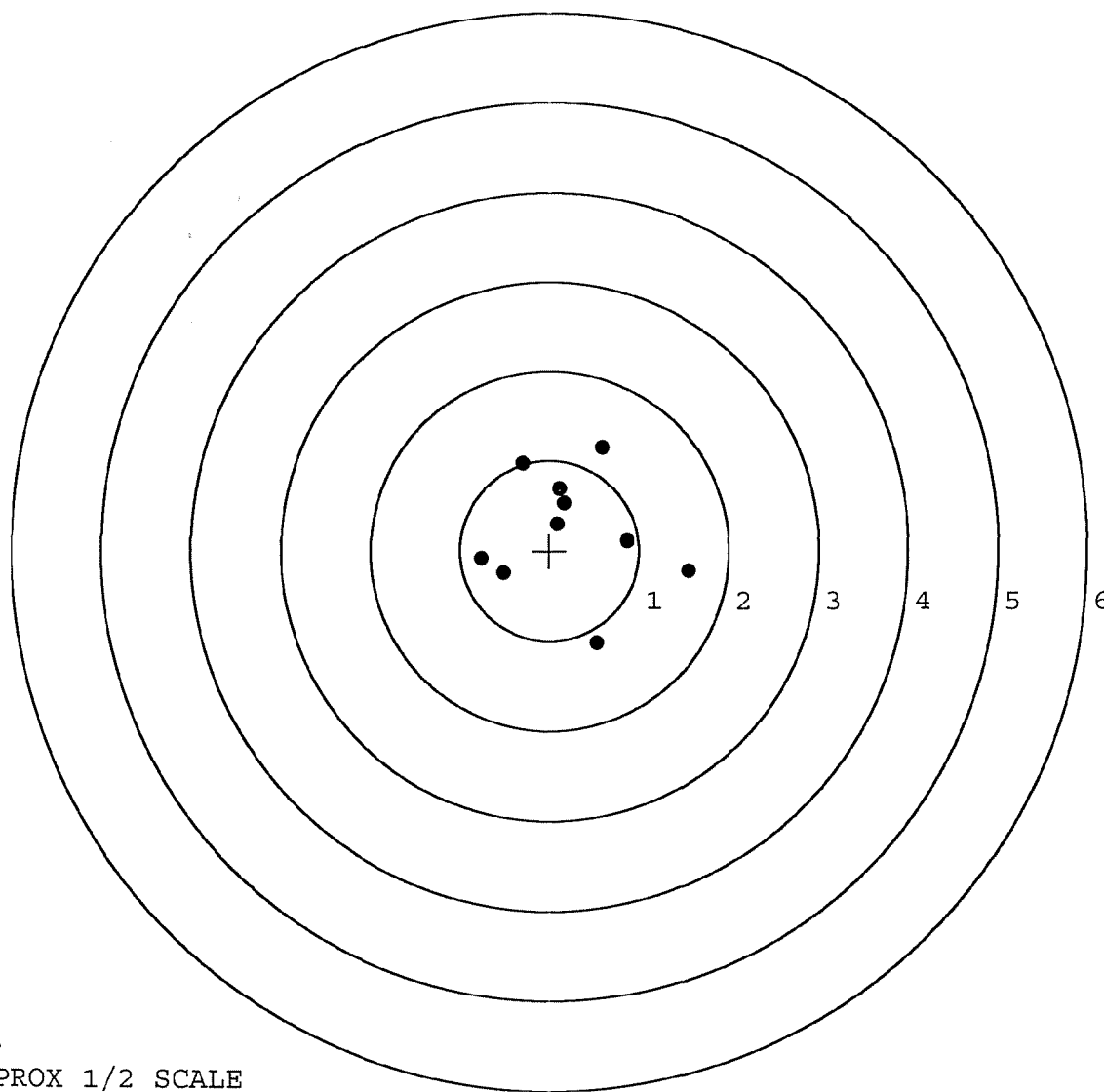


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461624. 0
TARGET NUMBER: 5
FILE DATE: 05/13/2005
FILE TIME: 06:15

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

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



TARGET APPROX 1/2 SCALE