

G6360939
Raphae
E6413549

Repair Inquiry

Repair Number: RE00118098

Serial: G6360939 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 9/28/2006 8:41:30 AM

Verify Repair

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	1
A026	Scope	1
A057	Front and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

9/28/2006

8:48 AM

CAPS

NUM

INS

SCRL



Serial Number: G6360939

Model: M24 SWS



RE00118098

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360939.___0
FILE DATE AND TIME: 08/19/2004 06:27

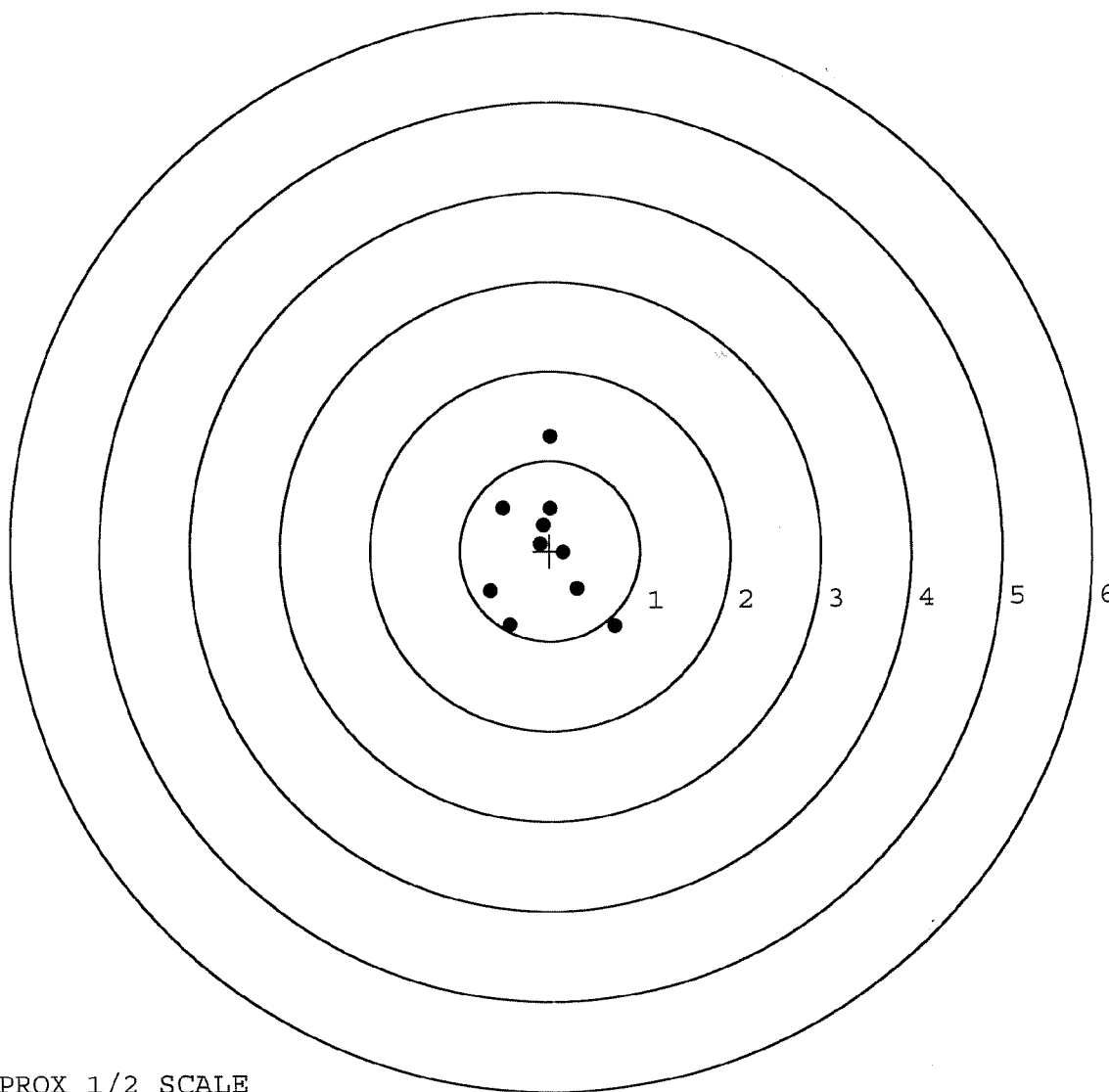
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.069
The Average Y Centroid of the Five Target Set:	0.057
The Average Point of Impact of the Five Target Set:	0.090
The Average Mean Radius of the Five Target Set:	0.595
The Distance from POA to Centroid Target #1:	0.062
The Distance from Centroid Target #2 to Centroid Target #1:	0.320
The Distance from Centroid Target #3 to Centroid Target #1:	0.186
The Distance from Centroid Target #4 to Centroid Target #1:	0.115
The Distance from Centroid Target #5 to Centroid Target #1:	0.158

SERIAL NUMBER: G6360939. __0
 TARGET NUMBER: 1
 FILE DATE: 08/19/2004
 FILE TIME: 06:27

POINT#	X	Y
1:	0.014	1.270
2:	-0.518	0.476
3:	0.007	0.468
4:	0.148	-0.024
5:	-0.108	0.075
6:	0.305	-0.424
7:	0.716	-0.846
8:	-0.451	-0.823
9:	-0.661	-0.440
10:	-0.073	0.284

X CENTROID: -0.062
 Y CENTROID: 0.002
 POA TO CENTROID: 0.062
 HORZ SPREAD: 1.377
 VERT SPREAD: 2.116
 GROUP SPREAD: 2.229
 MIN RADIUS: 0.087
 MAX RADIUS: 1.271
 MEAN RADIUS: 0.635
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. 0

TARGET NUMBER: 2

FILE DATE: 08/19/2004

FILE TIME: 06:27

POINT#	X	Y
1:	-0.334	0.367
2:	-0.460	-0.041
3:	-0.109	-0.005
4:	0.045	-0.493
5:	0.655	-0.524
6:	0.571	0.845
7:	-0.014	0.636
8:	0.396	0.310
9:	1.766	0.140
10:	-0.206	0.071

X CENTROID: 0.231

Y CENTROID: 0.131

POA TO CENTROID: 0.265

HORZ SPREAD: 2.226

VERT SPREAD: 1.369

GROUP SPREAD: 2.233

MIN RADIUS: 0.244

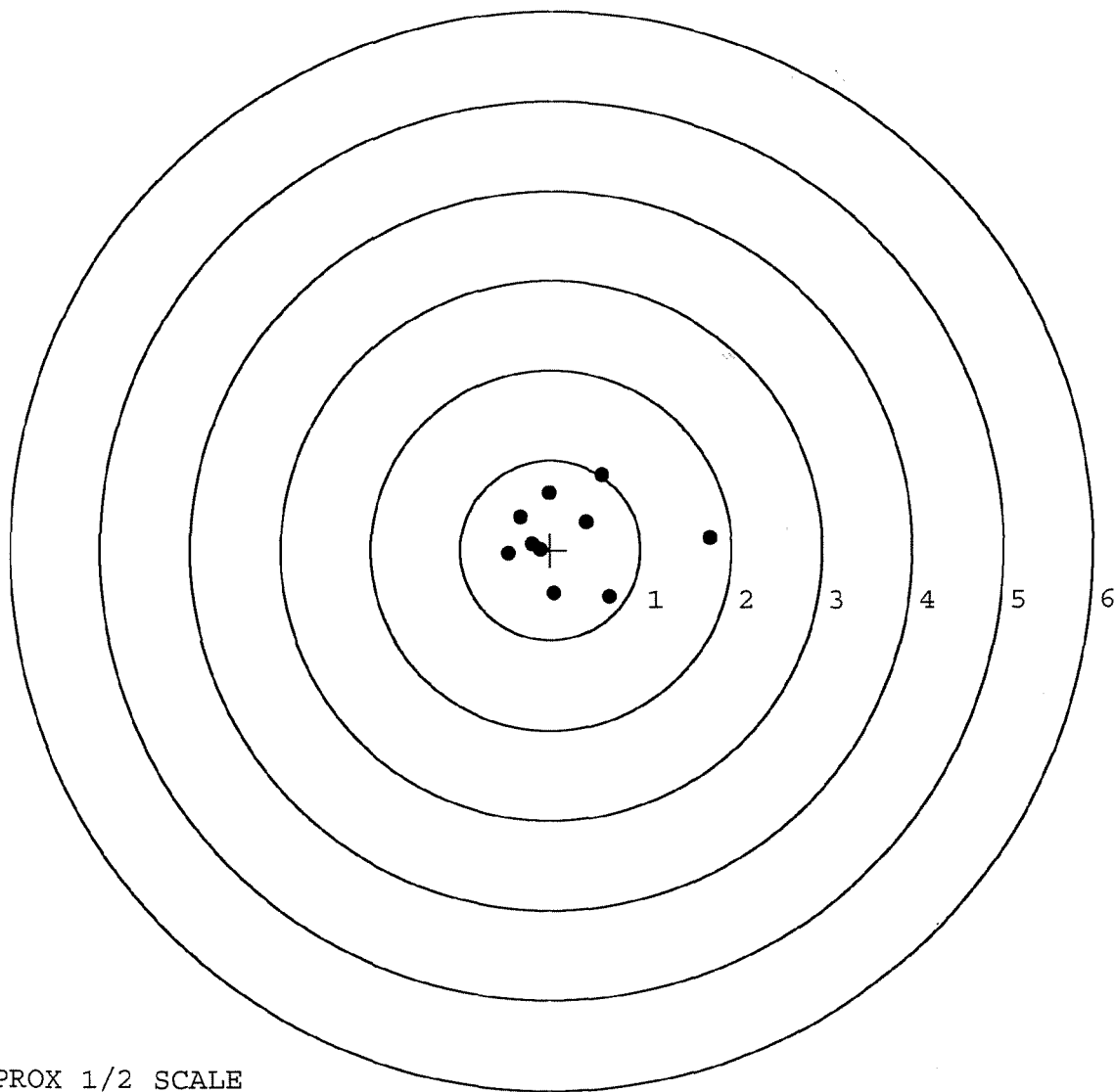
MAX RADIUS: 1.535

MEAN RADIUS: 0.669

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

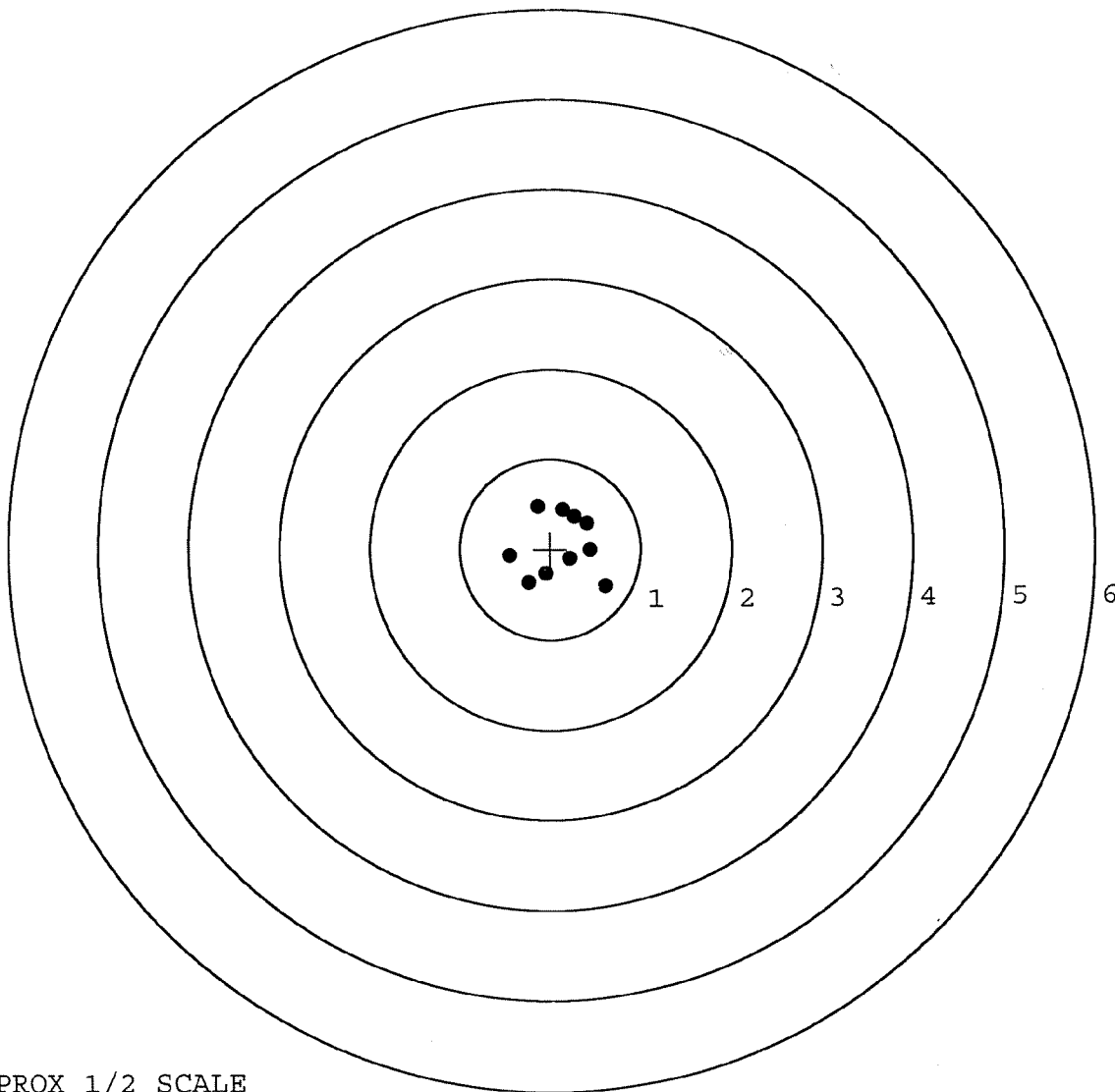


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. __0
 TARGET NUMBER: 3
 FILE DATE: 08/19/2004
 FILE TIME: 06:27

X CENTROID: 0.122
 Y CENTROID: 0.028
 POA TO CENTROID: 0.125
 HORZ SPREAD: 1.060
 VERT SPREAD: 0.885
 GROUP SPREAD: 1.159
 MIN RADIUS: 0.170
 MAX RADIUS: 0.660
 MEAN RADIUS: 0.430
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.610	-0.416
2:	-0.138	0.469
3:	0.146	0.436
4:	0.442	-0.014
5:	0.412	0.286
6:	0.218	-0.112
7:	-0.242	-0.374
8:	-0.450	-0.074
9:	-0.047	-0.279
10:	0.268	0.363



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. __0

TARGET NUMBER: 4

FILE DATE: 08/19/2004

FILE TIME: 06:27

POINT#	X	Y
1:	0.709	0.076
2:	0.363	0.368
3:	-0.216	0.718
4:	-0.952	0.124
5:	-0.833	-0.166
6:	-0.408	-0.031
7:	-0.015	-0.143
8:	0.156	0.089
9:	0.459	0.044
10:	0.318	0.065

X CENTROID: -0.042

Y CENTROID: 0.114

POA TO CENTROID: 0.122

HORZ SPREAD: 1.661

VERT SPREAD: 0.884

GROUP SPREAD: 1.662

MIN RADIUS: 0.200

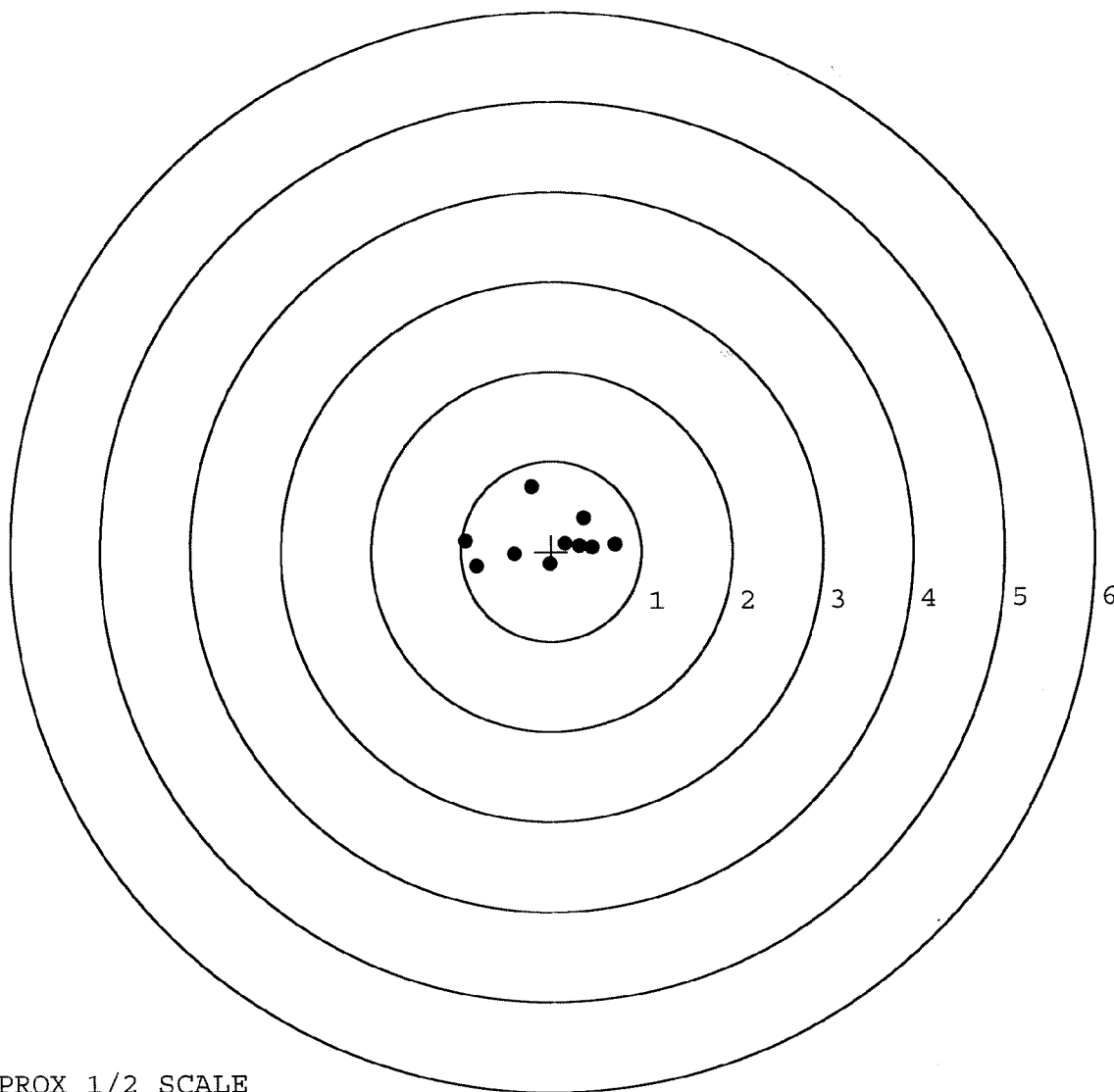
MAX RADIUS: 0.910

MEAN RADIUS: 0.533

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. __0

TARGET NUMBER: 5

FILE DATE: 08/19/2004

FILE TIME: 06:27

POINT#	X	Y
1:	0.746	-1.157
2:	-0.237	-0.762
3:	-0.904	0.078
4:	-0.409	0.520
5:	-0.048	0.554
6:	0.326	0.819
7:	0.489	0.590
8:	0.650	-0.041
9:	0.166	-0.342
10:	0.181	-0.147

X CENTROID: 0.096

Y CENTROID: 0.011

POA TO CENTROID: 0.097

HORZ SPREAD: 1.650

VERT SPREAD: 1.976

GROUP SPREAD: 2.061

MIN RADIUS: 0.180

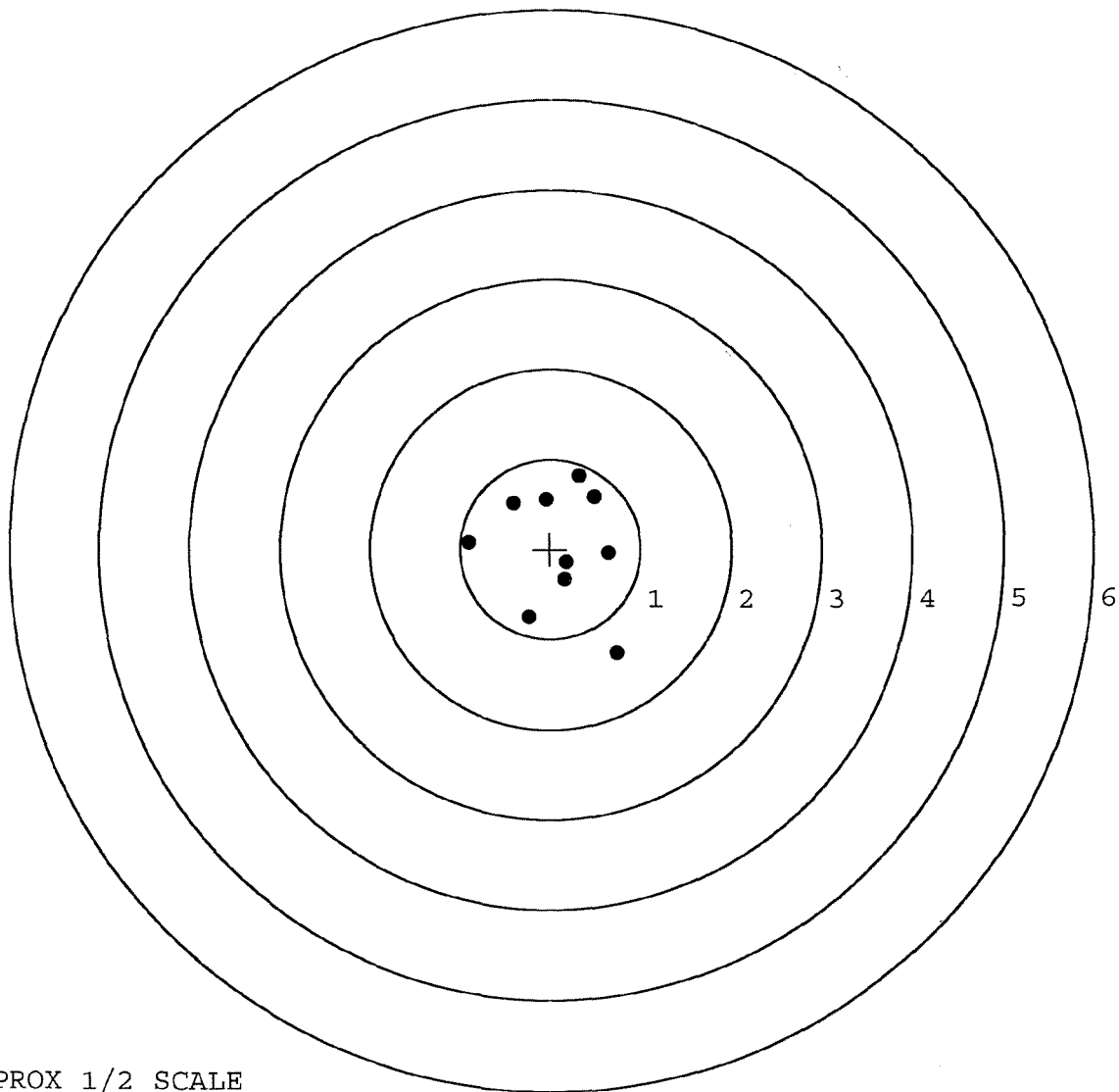
MAX RADIUS: 1.337

MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

DATE: 20060911

MAINTENANCE REQUEST

DA FORM 5990-E

----- CUSTOMER DATA -----

UIC: W2L58L
UTIL CODE: 0

HHC 2/29 INF. REGT.

PHONE: (706) 544-1450

----- ACTIVITY DATA -----

SUP WON:
SUP UIC: W6CR07

ITT

PHONE: 544-8635
SHOP SEC:

----- EQUIPMENT DATA -----

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24RIFLE

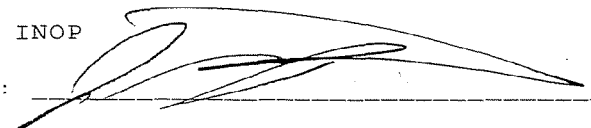
NOUN: RIFLE 7.62MM SNIP SER NUM: G6360939 / 890010 QTY: 00001

ORG WON: 2L58L1601272 PRIORITY: 03 FAILURE DETECTED: F

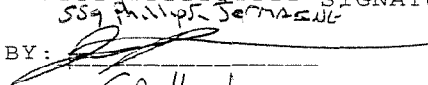
MI/KM: 000000 HOURS: ----- ROUNDS:

IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM: S-40

DEFICIENCY: BOLT CATCH INOP

PD AUTHENTICATING SIGNATURE: 

----- SIGNATURE DATA -----

SUBMITTED BY: 

ORD DATE: 06256

MIL TIME: 1115

ACCEPTED BY: E. Bullard

STATUS: A

ORD DATE: 06256

MIL TIME: 1115

----- ACTION DATA -----

WORK STARTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

INSPECTED BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

PICKED UP BY: _____ STATUS: _____ ORD DATE: _____ MIL TIME: _____

----- COMPLETION DATA -----

QTY RPR: _____ QTY CONDEMNED: _____ NRTS: _____

EVAC WON: _____ EVAC UNIT NAME: _____

SSg Pl. 11ps

S75-8183

W6GIA68
mqwmWAR
H4AB

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	118098		
SERIAL NUMBER	C6360939		
LOG-IN DATE	9-28-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-3-06	RTZ
505	RE-BARREL	10-4-06	RTZ
420	ASSEMBLE	10-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED OCT 6 6 2006 OPERATOR [Signature]	TRW
460	CHECK HEADSPACE	10-4-06	TRW
470	DIS-ASSEMBLE GUN	10-4-06	RTZ
480	MAGNAFLUX	10-6-06	APD
510	DRILL AND TAP	10-5-06	SD
500	ROLLMARK CALIBER	10-6-06	RP
520	GOFF BLAST BBL / REC	10-10-06	LB
530 & 540	APPLY COATINGS	10/9/06	RB
560	FINAL ASSEMBLY	10-10-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	10-10-06 [Signature]
650	TARGET	PASS FAIL	10-10-06 [Signature]
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-11-06	TRW
	A) HEADSPACE	PASS FAIL	10-18-06 RTZ
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.75 2.62 2.63 2.45 2.42 10-12-06 RA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.9 5.5 5.5 10-12-06 RA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 10-12-06 RA
	I) FIRING PIN INDENT	.020	.021 .021 .021 10-12-06 RA
690	PACK		10-12-06 RA

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

Repair Inquiry

Repair Number: RE00108943

Serial: G6360939 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 2/22/2006 11:43:12 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
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

2/22/2006

11:52 AM

CAPS

NUM

INS

SCRL



11:52 AM

Serial Number: G6360939

Model: M24 SWS



RE00108943

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360939.__1
FILE DATE AND TIME: 03/15/2006 15:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.060
The Average Y Centroid of the Five Target Set:	0.063
The Average Point of Impact of the Five Target Set:	0.087
The Average Mean Radius of the Five Target Set:	0.621
The Distance from POA to Centroid Target #1:	0.225
The Distance from Centroid Target #2 to Centroid Target #1:	0.052
The Distance from Centroid Target #3 to Centroid Target #1:	0.221
The Distance from Centroid Target #4 to Centroid Target #1:	0.244
The Distance from Centroid Target #5 to Centroid Target #1:	0.213

SERIAL NUMBER: G6360939. 1

TARGET NUMBER: 1

FILE DATE: 03/15/2006

FILE TIME: 15:46

X CENTROID: -0.160

Y CENTROID: 0.158

POA TO CENTROID: 0.225

HORZ SPREAD: 1.534

VERT SPREAD: 1.903

GROUP SPREAD: 1.866

MIN RADIUS: 0.125

MAX RADIUS: 1.076

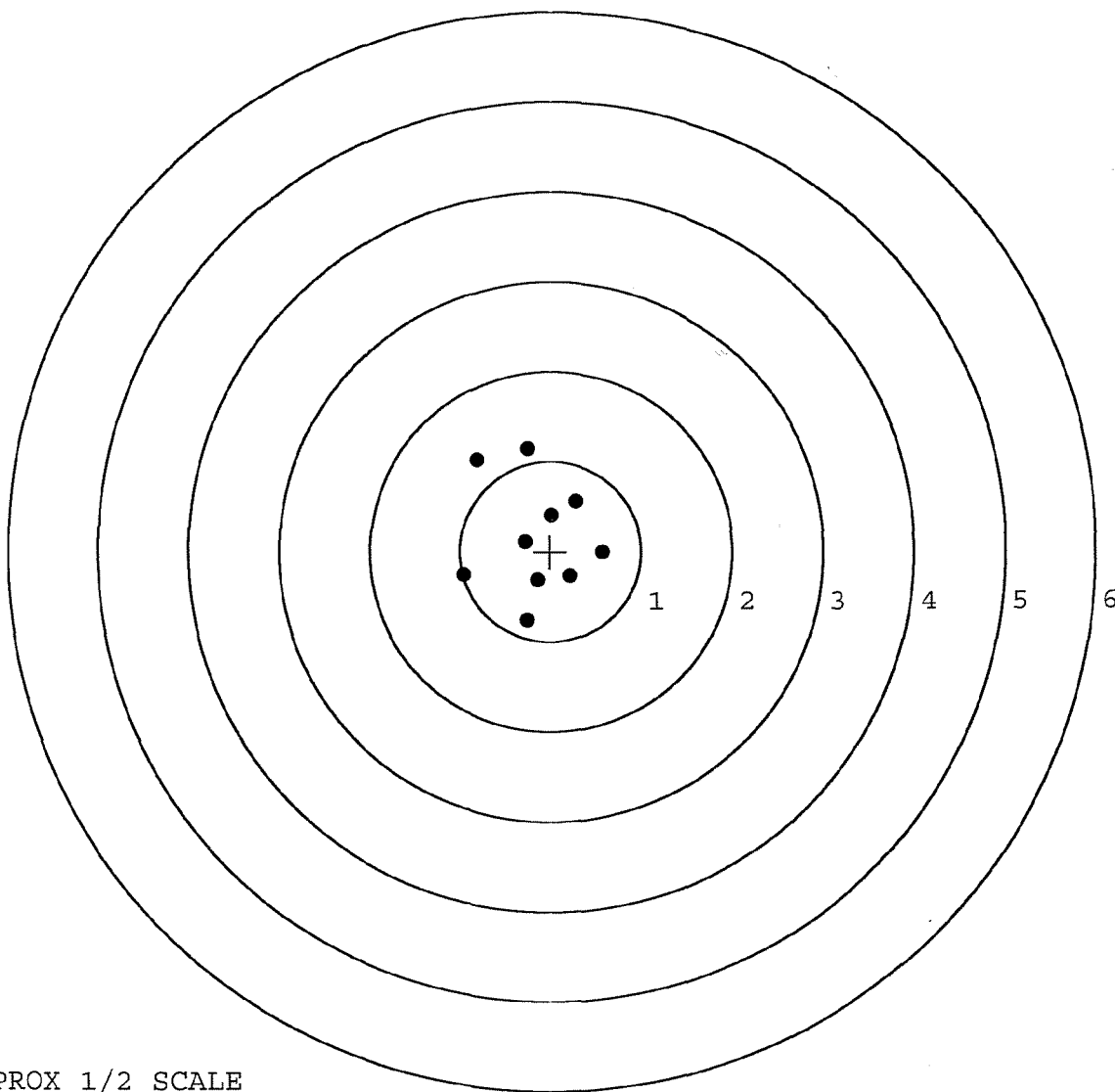
MEAN RADIUS: 0.672

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.809	1.016
2:	-0.247	1.136
3:	-0.956	-0.263
4:	-0.259	-0.767
5:	0.221	-0.274
6:	-0.145	-0.325
7:	-0.276	0.112
8:	0.011	0.403
9:	0.285	0.554
10:	0.578	-0.012

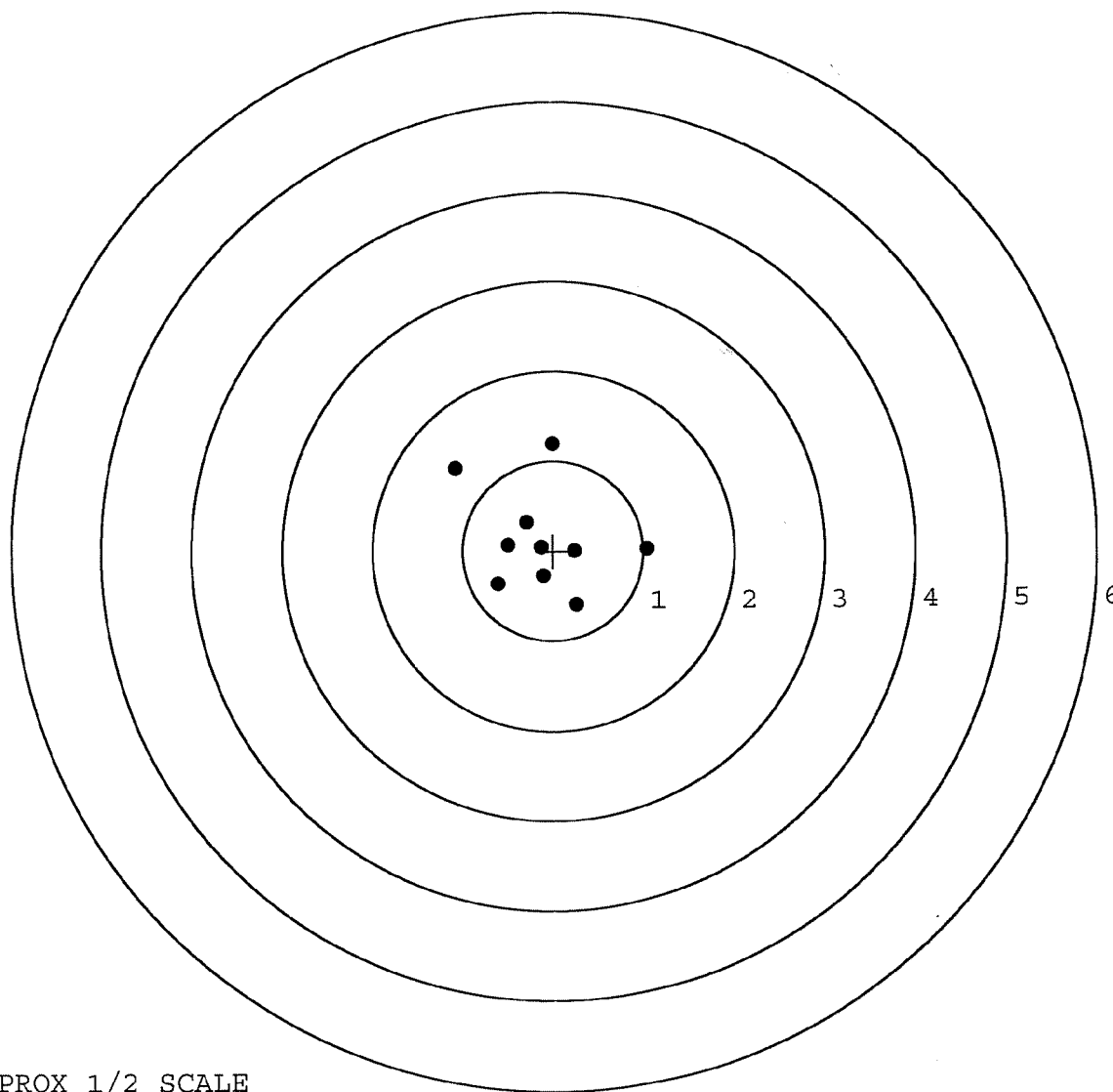


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. __1
 TARGET NUMBER: 2
 FILE DATE: 03/15/2006
 FILE TIME: 15:46

POINT#	X	Y
1:	0.006	1.187
2:	-1.075	0.922
3:	-0.287	0.321
4:	-0.498	0.072
5:	-0.608	-0.373
6:	-0.112	-0.285
7:	0.245	0.006
8:	0.263	-0.604
9:	1.042	0.023
10:	-0.130	0.045

X CENTROID: -0.115
 Y CENTROID: 0.131
 POA TO CENTROID: 0.175
 HORZ SPREAD: 2.117
 VERT SPREAD: 1.791
 GROUP SPREAD: 2.300
 MIN RADIUS: 0.088
 MAX RADIUS: 1.243
 MEAN RADIUS: 0.653
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. __1

TARGET NUMBER: 3

FILE DATE: 03/15/2006

FILE TIME: 15:46

POINT#	X	Y
1:	-0.463	-0.265
2:	-0.039	-0.258
3:	0.449	-0.540
4:	-0.362	-0.993
5:	1.188	-1.384
6:	0.041	0.292
7:	0.297	0.665
8:	-0.463	0.853
9:	-0.113	1.116
10:	-0.056	1.331

X CENTROID: 0.048

Y CENTROID: 0.082

POA TO CENTROID: 0.095

HORZ SPREAD: 1.651

VERT SPREAD: 2.715

GROUP SPREAD: 2.986

MIN RADIUS: 0.210

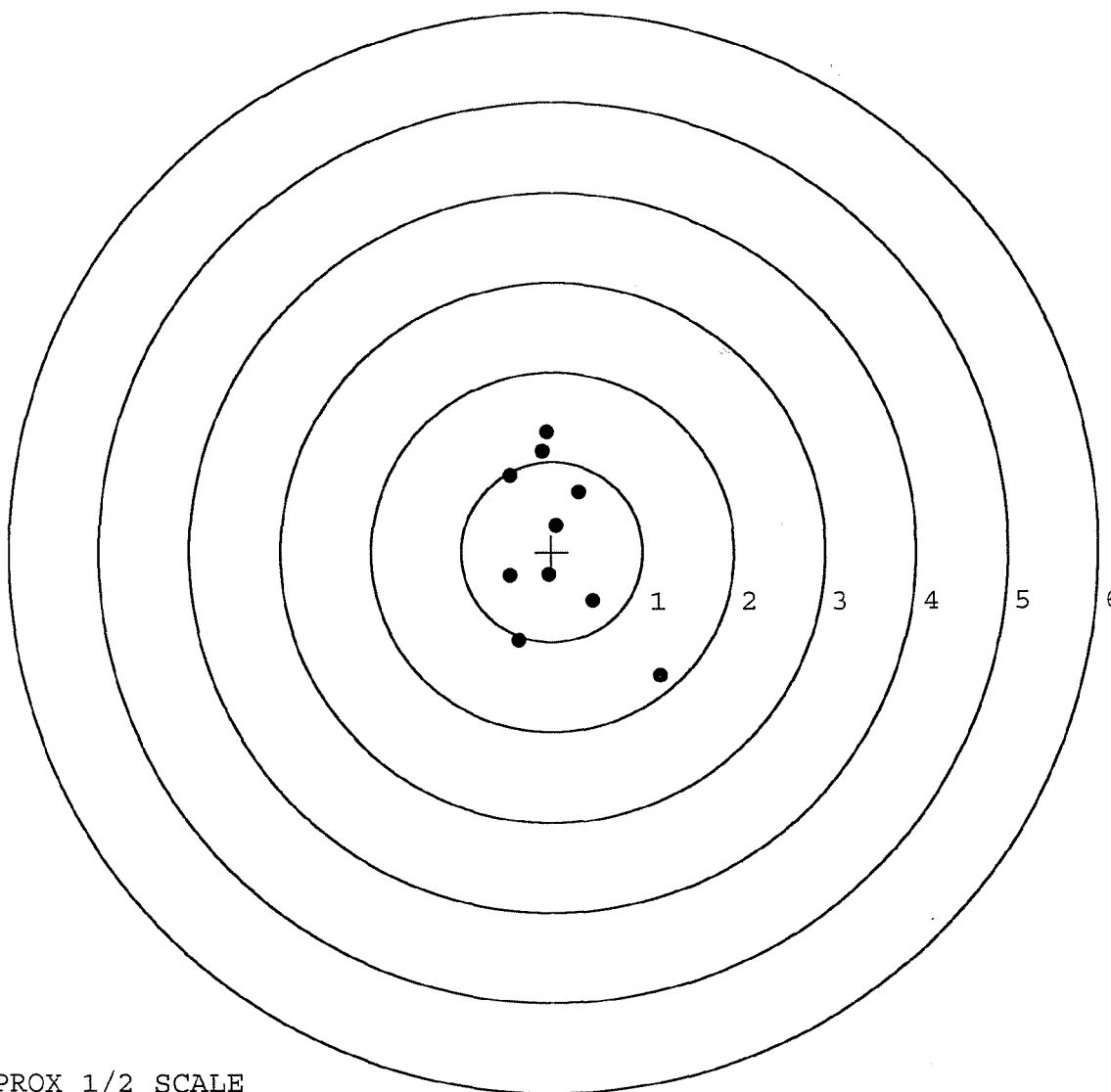
MAX RADIUS: 1.857

MEAN RADIUS: 0.879

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

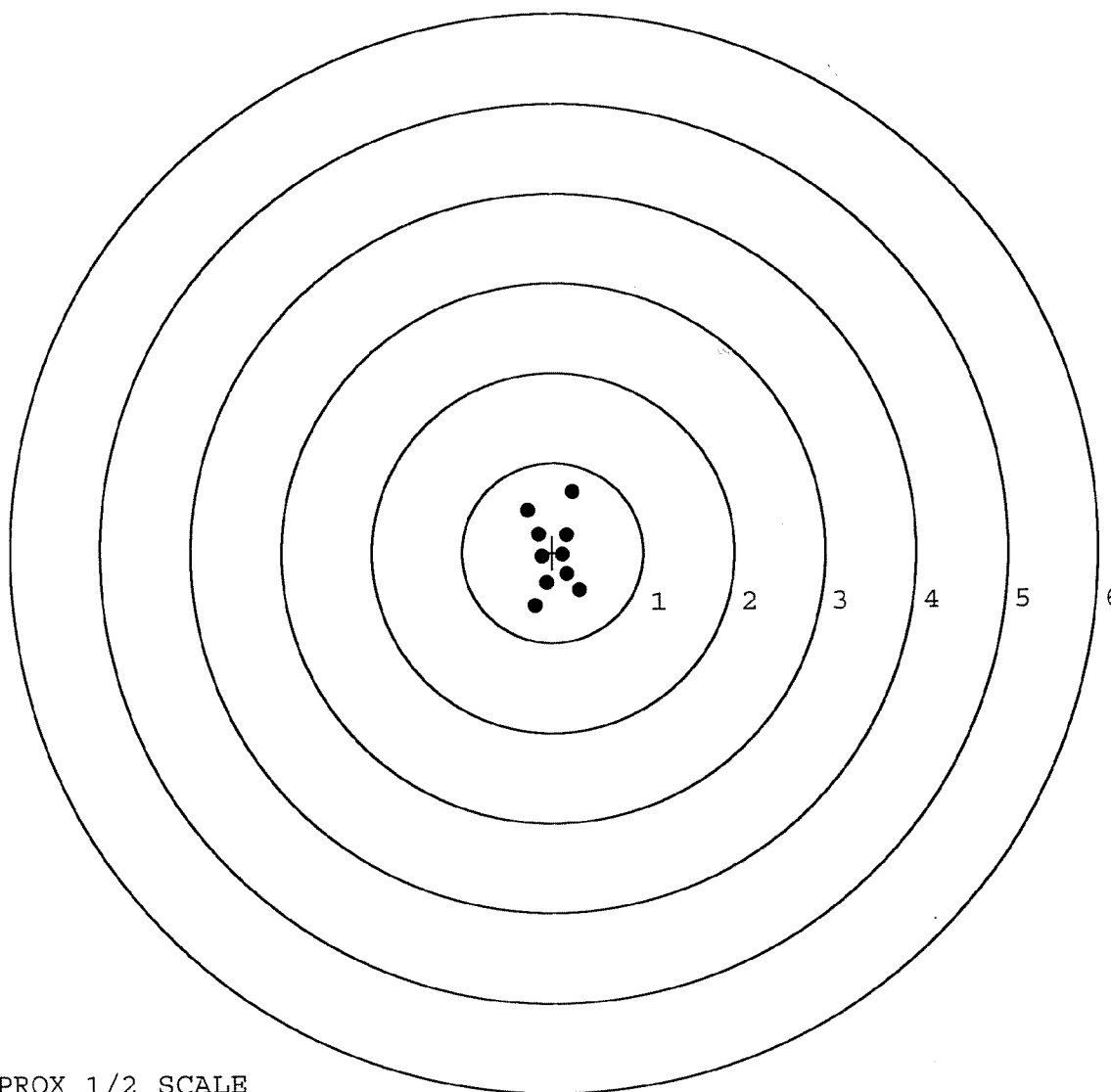


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. _1
 TARGET NUMBER: 4
 FILE DATE: 03/15/2006
 FILE TIME: 15:46

POINT#	X	Y
1:	0.221	0.676
2:	-0.276	0.467
3:	0.154	0.196
4:	-0.156	0.203
5:	0.110	-0.029
6:	-0.123	-0.052
7:	-0.067	-0.342
8:	-0.196	-0.598
9:	0.299	-0.424
10:	0.158	-0.246

X CENTROID: 0.012
 Y CENTROID: -0.015
 POA TO CENTROID: 0.019
 HORZ SPREAD: 0.575
 VERT SPREAD: 1.274
 GROUP SPREAD: 1.341
 MIN RADIUS: 0.099
 MAX RADIUS: 0.722
 MEAN RADIUS: 0.378
 # IN 1 IN DIAMETER: 7
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. __1

TARGET NUMBER: 5

FILE DATE: 03/15/2006

FILE TIME: 15:46

POINT#	X	Y
1:	-0.198	0.428
2:	-0.249	1.033
3:	-0.800	0.274
4:	-0.145	-0.060
5:	-0.163	-0.283
6:	-0.180	-0.408
7:	-0.219	-0.686
8:	0.329	-0.232
9:	0.843	-0.404
10:	-0.047	-0.071

X CENTROID: -0.083

Y CENTROID: -0.041

POA TO CENTROID: 0.092

HORZ SPREAD: 1.643

VERT SPREAD: 1.719

GROUP SPREAD: 1.805

MIN RADIUS: 0.047

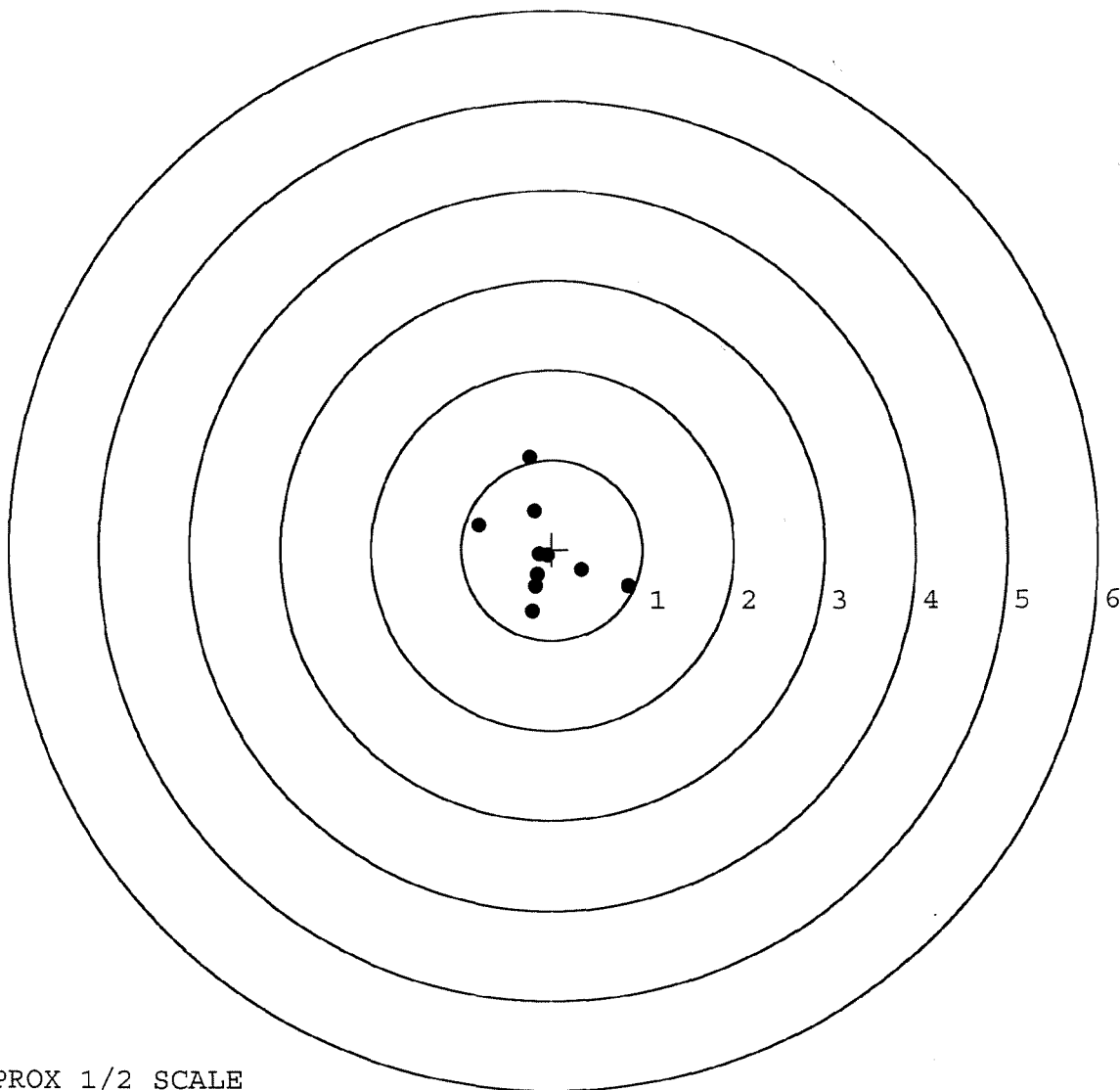
MAX RADIUS: 1.087

MEAN RADIUS: 0.521

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	108943		
SERIAL NUMBER	C6360939		
LOG-IN DATE	2-22-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-24-06	RTZ
502	RE-BARREL	2-27-06	RTZ
503	ASSEMBLE	3-3-06	RTZ
504	PROOF	3-3-06	RTZ
505	CHECK HEADSPACE	3-6-06	RTZ
510	DIS-ASSEMBLE GUN	3-6-06	RTZ
512	MAGNAFLUX	3-6-06	uncl
514	DRILL AND TAP	3-6-06	TRW
515	ROLLMARK CALIBER	3-6-06	CW
516	ROTO-BLAST	3-7-06	LB
520	APPLY COATINGS	3-13-06	HP
518	FINAL ASSEMBLY	3-15-06	RTZ
521	FUNCTION TEST AND	PASS FAIL 3-15-06	mtm
550	TARGET	PASS FAIL 3-15-06	mtm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
570	FINAL INSPECTION	3-16-06	TRW
	A) HEADSPACE	PASS FAIL 3-16-06	TRW
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	
580	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	4.2 4.2 4.2 DA
	G) SAFETY OFF FORCE	2 LBS	2.2 2.2 2.2 3-16-06 DA
	I) FIRING PIN INDENT	.020	.022 .021 .021 3-16-06 DA
590	PACK		3-16-06 DA

51 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: **RE00101654** Serial: G6360339 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 9/28/2005 2:46:03 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **TRANSPORTATION DIV DFEL** **TRANSPORTATION DIV DFEL**

Address 1: **BLDG 1836** **BLDG 1836**

Address 2: **6759 MITCHELL AVE** **6759 MITCHELL AVE** 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: **N/A**

Fax:

Email:

Comments:

Received Condition

Condition: **Fair**

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search **Refresh** **Close**

magletj 9/28/2005 3:58 PM CAPS NUM INS SCPL

start 3 4 2

Serial Number: **G6360939**

Model: **M24 SWS**



RE00101654

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

9/22/05

TESTER

BC

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.63	2.24		2.22	
PULL #2	2.67	2.26		2.23	
PULL #3	2.52	2.14		2.67	
PULL #4	2.70	2.38		2.30	
PULL #5	2.66	2.44		2.69	
TOTAL	13.12	11.46		12.11	
AVERAGE	2.62	2.29		2.42	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	2.99		
PULL #2	3.16	3.20		
PULL #3	3.25	3.09		
PULL #4	3.26	3.20		
PULL #5	3.35	3.12		
TOTAL	16.21	15.60		
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	4.08	4.05		4.39
PULL #2	4.45	4.21		4.37
PULL #3	4.03	4.14		4.18
PULL #4	4.20	4.20		4.45
PULL #5	4.46	4.28		4.49
TOTAL	21.22	20.88		21.88
AVERAGE	4.24	4.18		4.38

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

R & E NUMBER	101654		
SERIAL NUMBER	G636.0939		
LOG-IN DATE	3-28-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIALS
550	DIS-ASSEMBLE GUN	3-28-05	
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST	10-27-05	BC
C	SAFETY "ON" FORCE	10-27-05	BC
D	SAFETY "OFF" FORCE	10-27-05	BC
E	FIRING PIN INDENT	10-27-05	BC
640	TARGET		
655	FINAL INSPECT	10-27-05	BC
660	PACK		
Clean + Test →		10-28-05	DA
		9-29-05	AC
Replace TRIG ASSY			
		SHIP DATE	
QAR INSPECTION DATE			

DA FORM 2407, JUL 94

BARBER - M24 ^{M2400082852} ~~0082819~~

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: **RE00083411** Serial: E6413549 Model M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 8/3/2004 12:41:28 PM

Verify Repair

Address Information

Customer: Received From Return To: Received From

Name: TRANSPORTATION DIV DFEL TRANSPORTATION DIV DFEL

Address 1: BLDG 1836 BLDG 1836

Address 2: 6759 MITCHELL AVE PO Box: 6759 MITCHELL AVE 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
Date	Code	User ID	Desc1	
8/3/2004 11:42:5	New	urtzdi	Repair Added	
8/3/2004 12:41:2	Closed	urtzdi	Closed at Expedite	

Shipping Hold ☐ InterFace Hold ☐ Estimate Sent ☐ Parts Received ☐ Passed Inspection ☐ Return As Received ☐ Has been Approved ☐ Internal Repair ☐

Current Status: Closed 8/3/2004 12:41:28 PM urtzdi

Sniper Systems Repair Location: ILN

Current Location: ILN

Transfer Number:

Repair Search Refresh Close

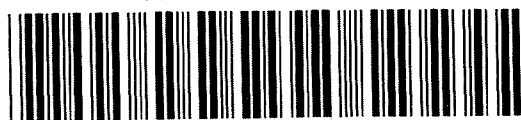
eglandit 8/4/2004 8:25 AM CAPS NUM INS SCRL

start Inbo... DMS... 2 S... SAP... Displ... Micr... Arm... 8:25 AM

66360939 (New)

Serial Number: **E6413549**

Model: M24 SWS



RE00083411

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360939.__0
FILE DATE AND TIME: 08/19/2004 06:27

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.069
The Average Y Centroid of the Five Target Set:	0.057
The Average Point of Impact of the Five Target Set:	0.090
The Average Mean Radius of the Five Target Set:	0.595
The Distance from POA to Centroid Target #1:	0.062
The Distance from Centroid Target #2 to Centroid Target #1:	0.320
The Distance from Centroid Target #3 to Centroid Target #1:	0.186
The Distance from Centroid Target #4 to Centroid Target #1:	0.115
The Distance from Centroid Target #5 to Centroid Target #1:	0.158

SERIAL NUMBER: G6360939. 0

TARGET NUMBER: 1

FILE DATE: 08/19/2004

FILE TIME: 06:27

X CENTROID: -0.062

Y CENTROID: 0.002

POA TO CENTROID: 0.062

HORZ SPREAD: 1.377

VERT SPREAD: 2.116

GROUP SPREAD: 2.229

MIN RADIUS: 0.087

MAX RADIUS: 1.271

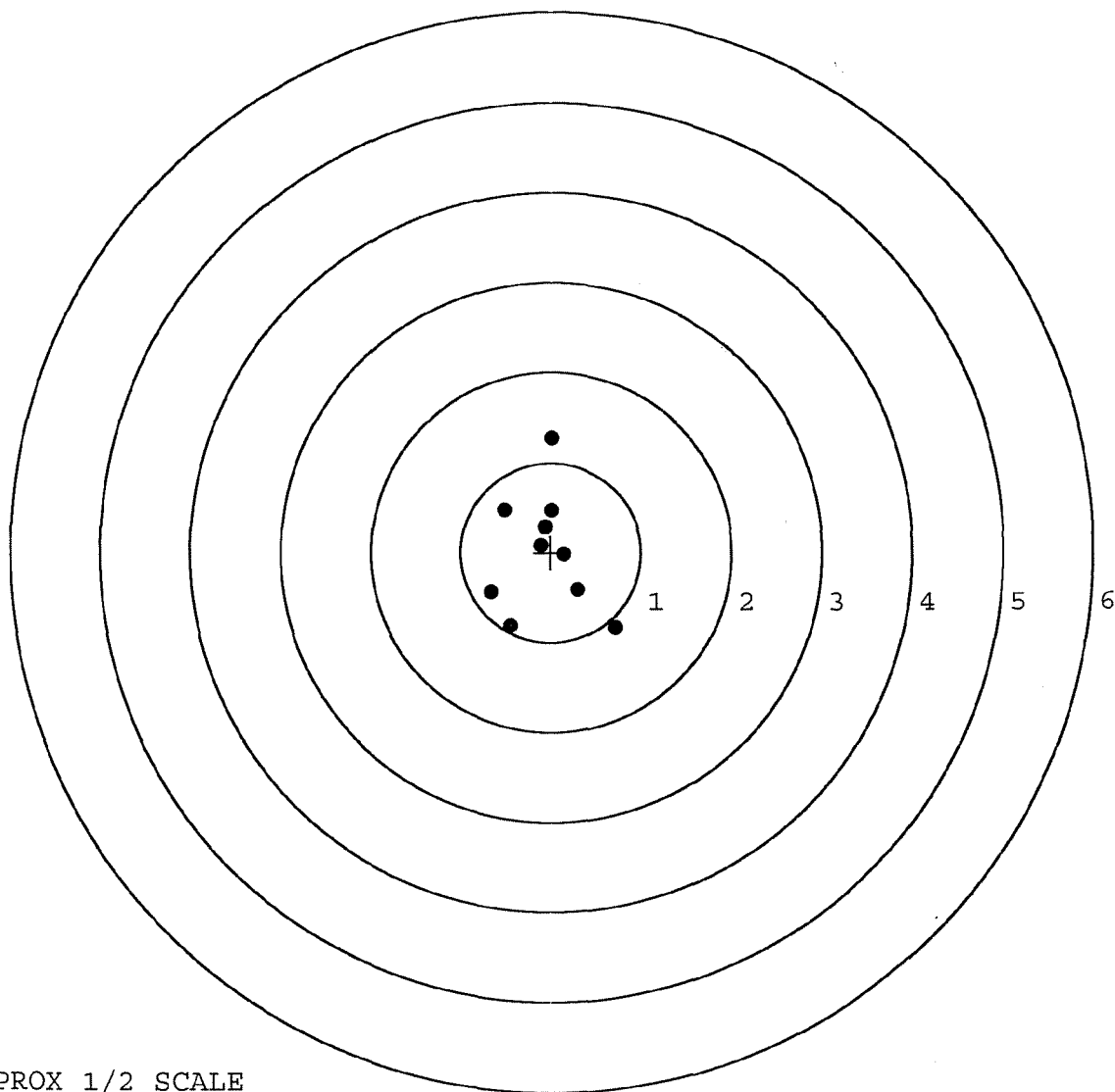
MEAN RADIUS: 0.635

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.014	1.270
2:	-0.518	0.476
3:	0.007	0.468
4:	0.148	-0.024
5:	-0.108	0.075
6:	0.305	-0.424
7:	0.716	-0.846
8:	-0.451	-0.823
9:	-0.661	-0.440
10:	-0.073	0.284



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. __0

TARGET NUMBER: 2

FILE DATE: 08/19/2004

FILE TIME: 06:27

POINT#	X	Y
1:	-0.334	0.367
2:	-0.460	-0.041
3:	-0.109	-0.005
4:	0.045	-0.493
5:	0.655	-0.524
6:	0.571	0.845
7:	-0.014	0.636
8:	0.396	0.310
9:	1.766	0.140
10:	-0.206	0.071

X CENTROID: 0.231

Y CENTROID: 0.131

POA TO CENTROID: 0.265

HORZ SPREAD: 2.226

VERT SPREAD: 1.369

GROUP SPREAD: 2.233

MIN RADIUS: 0.244

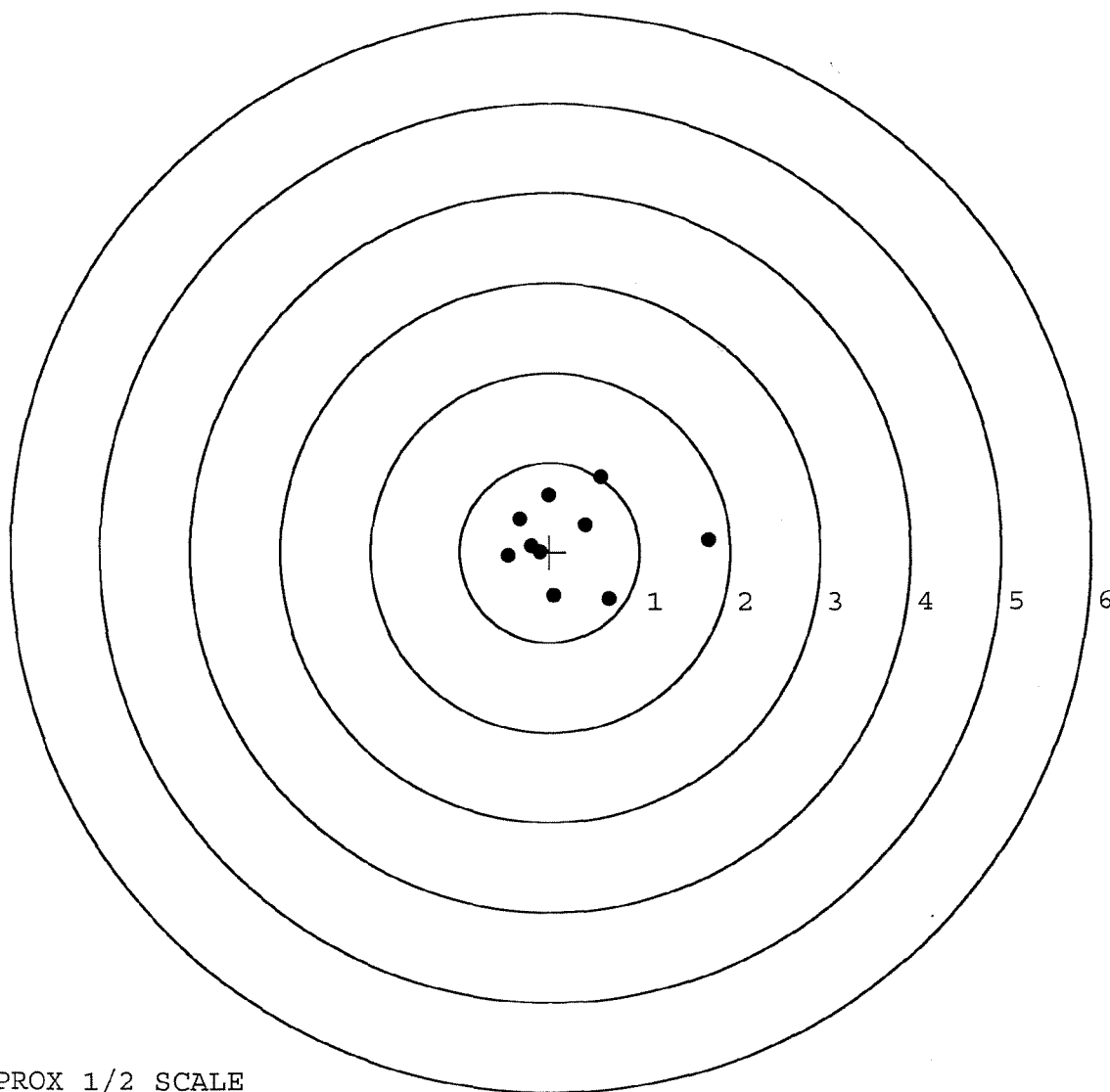
MAX RADIUS: 1.535

MEAN RADIUS: 0.669

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

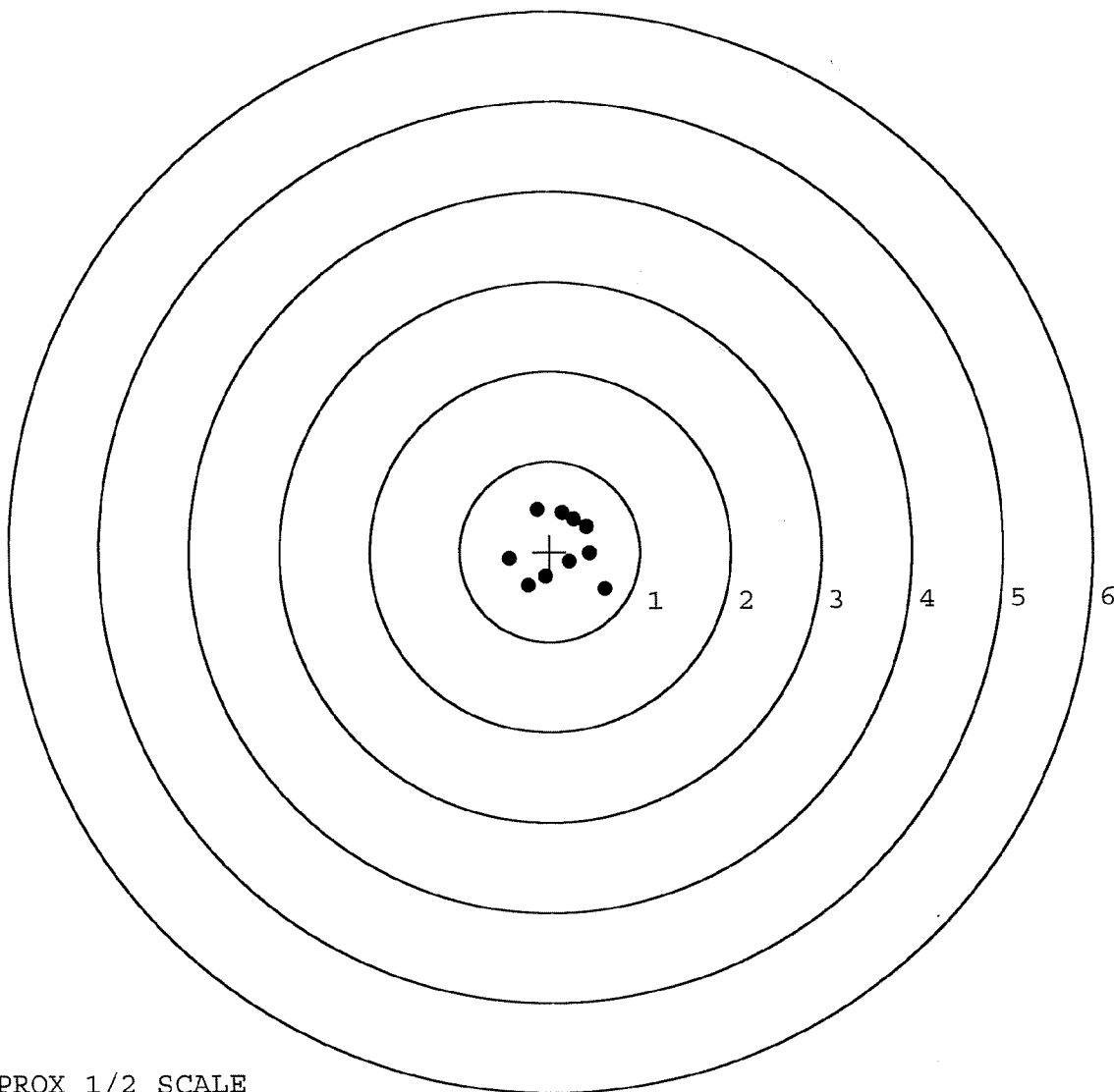


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. __0
 TARGET NUMBER: 3
 FILE DATE: 08/19/2004
 FILE TIME: 06:27

POINT#	X	Y
1:	0.610	-0.416
2:	-0.138	0.469
3:	0.146	0.436
4:	0.442	-0.014
5:	0.412	0.286
6:	0.218	-0.112
7:	-0.242	-0.374
8:	-0.450	-0.074
9:	-0.047	-0.279
10:	0.268	0.363

X CENTROID: 0.122
 Y CENTROID: 0.028
 POA TO CENTROID: 0.125
 HORZ SPREAD: 1.060
 VERT SPREAD: 0.885
 GROUP SPREAD: 1.159
 MIN RADIUS: 0.170
 MAX RADIUS: 0.660
 MEAN RADIUS: 0.430
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

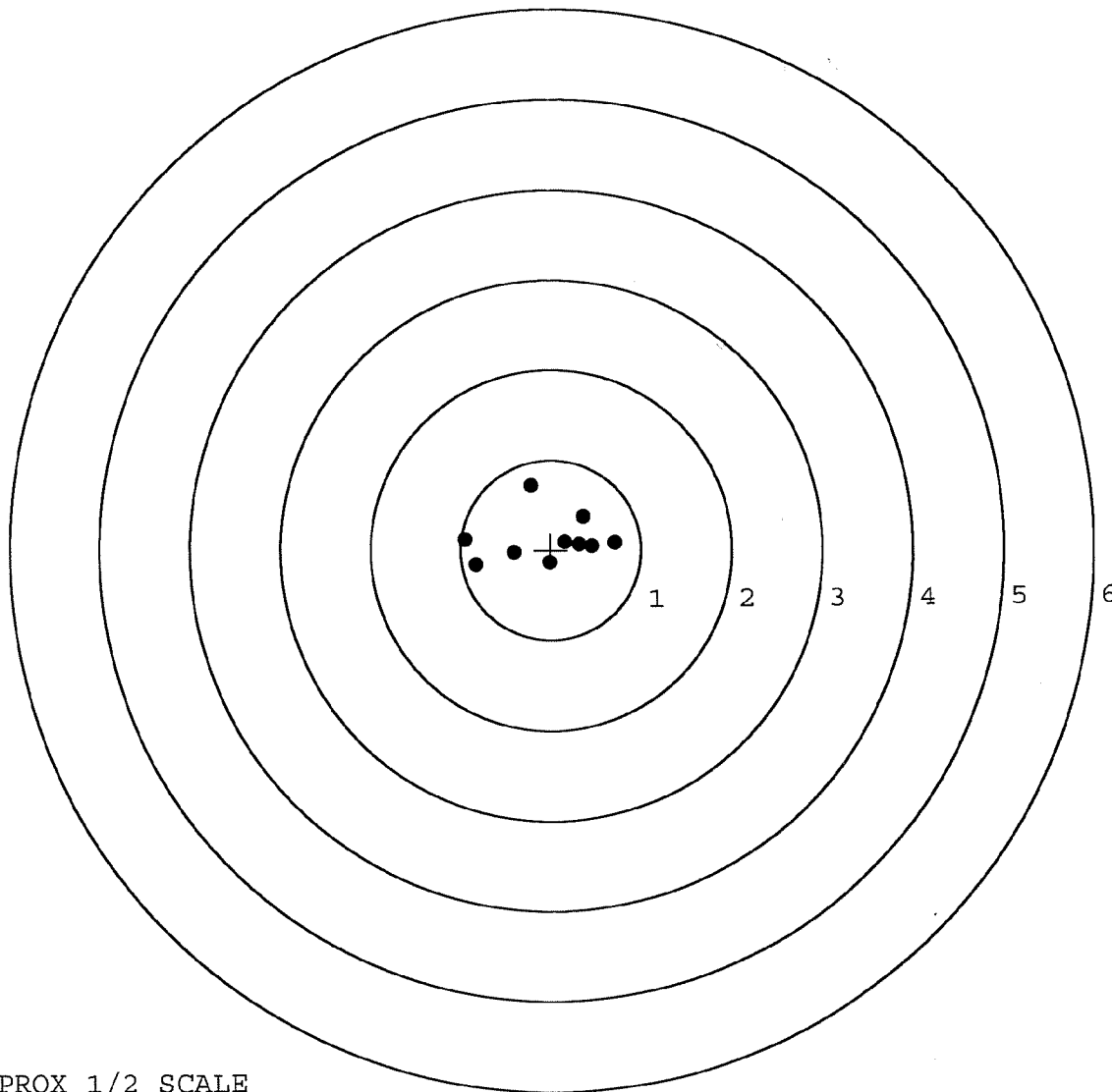


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. 0
 TARGET NUMBER: 4
 FILE DATE: 08/19/2004
 FILE TIME: 06:27

POINT#	X	Y
1:	0.709	0.076
2:	0.363	0.368
3:	-0.216	0.718
4:	-0.952	0.124
5:	-0.833	-0.166
6:	-0.408	-0.031
7:	-0.015	-0.143
8:	0.156	0.089
9:	0.459	0.044
10:	0.318	0.065

X CENTROID: -0.042
 Y CENTROID: 0.114
 POA TO CENTROID: 0.122
 HORZ SPREAD: 1.661
 VERT SPREAD: 0.884
 GROUP SPREAD: 1.662
 MIN RADIUS: 0.200
 MAX RADIUS: 0.910
 MEAN RADIUS: 0.533
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. 0

TARGET NUMBER: 5

FILE DATE: 08/19/2004

FILE TIME: 06:27

X CENTROID: 0.096

Y CENTROID: 0.011

POA TO CENTROID: 0.097

HORZ SPREAD: 1.650

VERT SPREAD: 1.976

GROUP SPREAD: 2.061

MIN RADIUS: 0.180

MAX RADIUS: 1.337

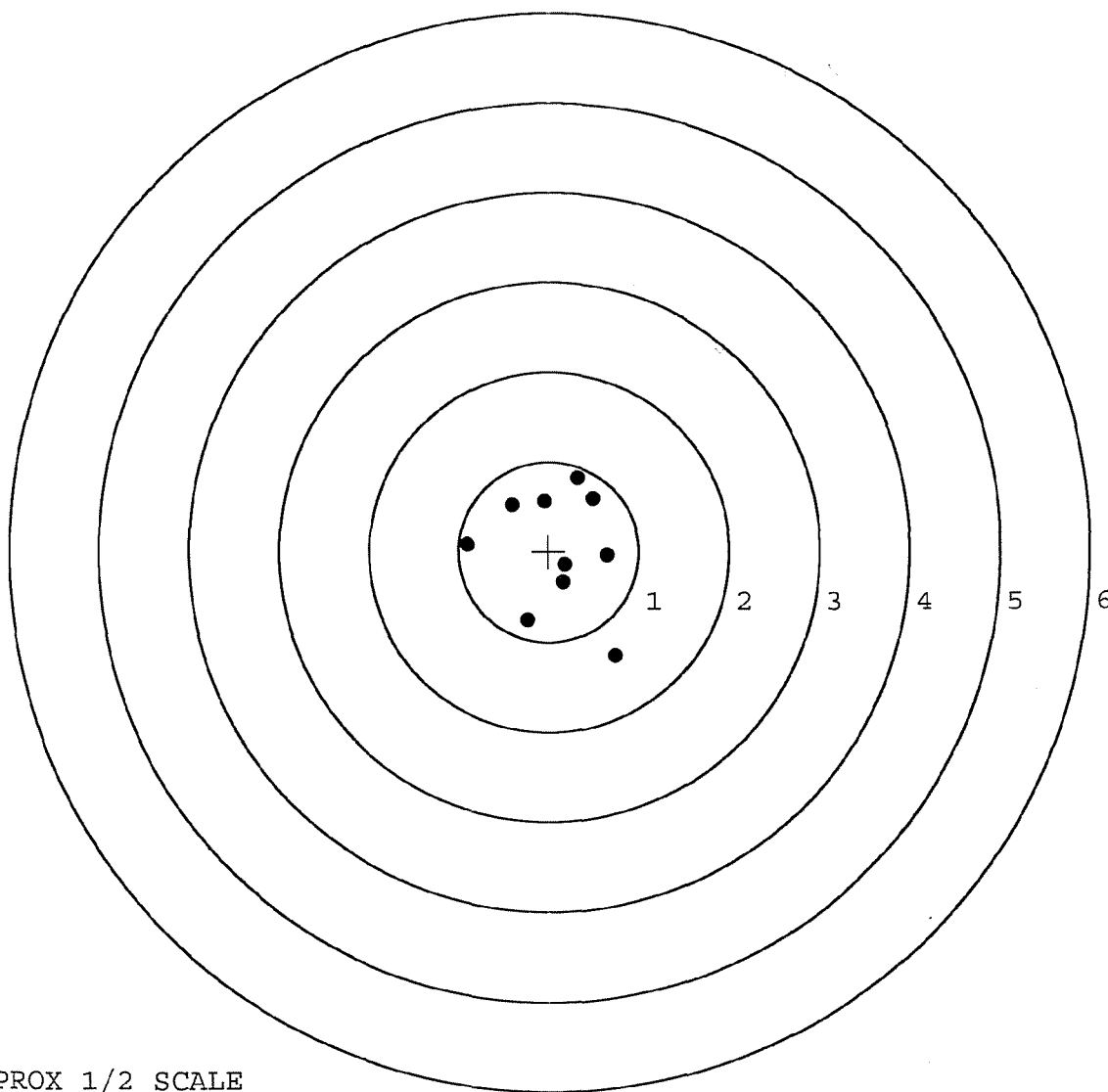
MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.746	-1.157
2:	-0.237	-0.762
3:	-0.904	0.078
4:	-0.409	0.520
5:	-0.048	0.554
6:	0.326	0.819
7:	0.489	0.590
8:	0.650	-0.041
9:	0.166	-0.342
10:	0.181	-0.147



TARGET APPROX 1/2 SCALE

R & E NUMBER	83411		
SERIAL NUMBER	E6413549 G6360939 New		
LOG-IN DATE	8-3-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-9-04	RTZ
560 A	RE-BARREL	8-9-04	RTZ
B	DRILL AND TAP	8-9-04	TRW
575	ASSEMBLE MAGNA-FLUX	8-10-04	RTZ
600	PROOF INSPECTED	8-10-04	RTZ
605	CHECK HEADSPACE	8-10-04	RTZ
610	DIS-ASSEMBLE GUN	8-10-04	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	8/11/04	AB
618	ROTO-BLAST	8/12/04	DG
620	APPLY COATINGS	8/12	HP
625 A	FINAL ASSEMBLY	8-17-04	FW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8-19-04	AC
655	FINAL INSPECT	8-23-04	RTZ
660	PACK	9-24-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

BARBER - M24 0082823

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6611565
23 Jan 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0346
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2092
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .212042

THE AMR FOR THIS RIFLE IS: .955

CENTROIDAL DISTANCES

0 TO	1	.190129
1 TO	2	.203214
1 TO	3	.254943
1 TO	4	.193724
1 TO	5	.395926

2 1 5 <----POA
3 4

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

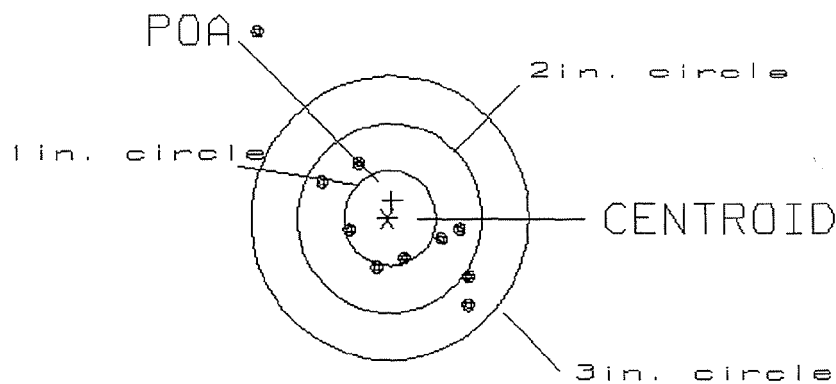
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .190
 MIN RADIUS : .436
 MEAN RADIUS : .901
 MAX RADIUS : 2.431
 CENTROID X : -.055
 CENTROID Y : -.182

23 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611565

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.26

2

VS= 2.89

7

GS= 3.67

9

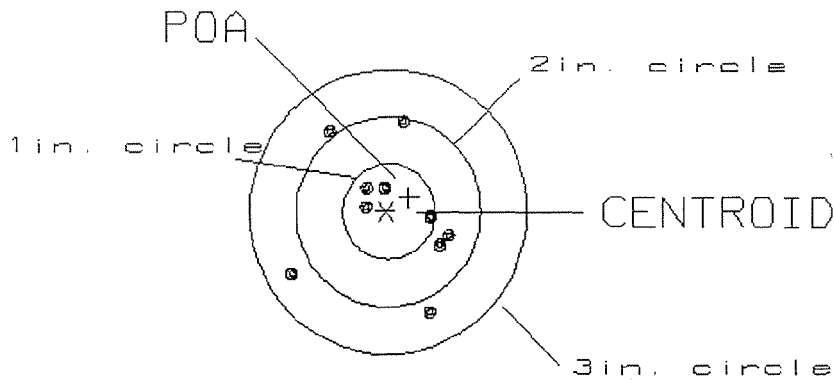
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .294
 MIN RADIUS : .292
 MEAN RADIUS : .707
 MAX RADIUS : 1.216
 CENTROID X : -.255
 CENTROID Y : -.146

23 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611565

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.65

4

VS= 1.93

7

GS= 2.16

10

REMINGTON CENTERFIRE ACCURACY TEST

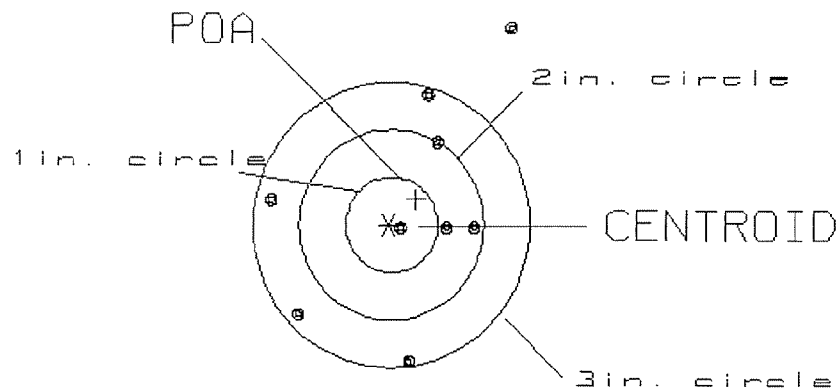
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 3
 POA TO CENTROID: .398
 MIN RADIUS : .093
 MEAN RADIUS : 1.326
 MAX RADIUS : 2.615
 CENTROID X : -.295
 CENTROID Y : -.268

23 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611565

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.95

1

VS= 4.09

3

GS= 5.05

8

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

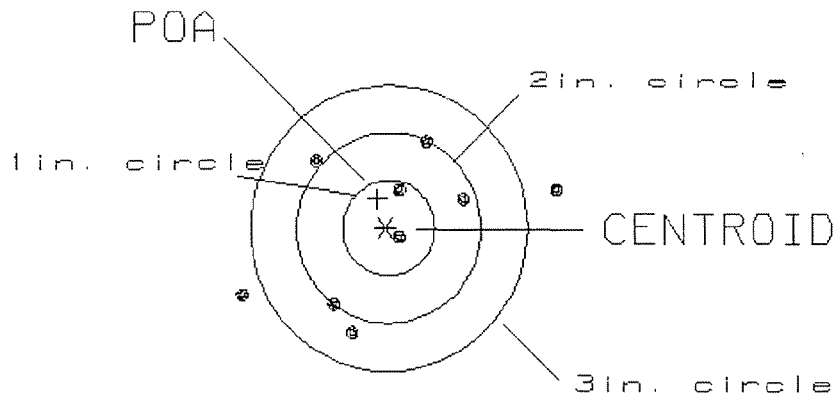
PATTERN #: 4

POA TO CENTROID: .320
 MIN RADIUS : .108
 MEAN RADIUS : .951
 MAX RADIUS : 1.845
 CENTROID X : .093
 CENTROID Y : -.307

23 Jan 2001

FILE://Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611565

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.41

3

VS= 2.04

5

GS= 3.59

8

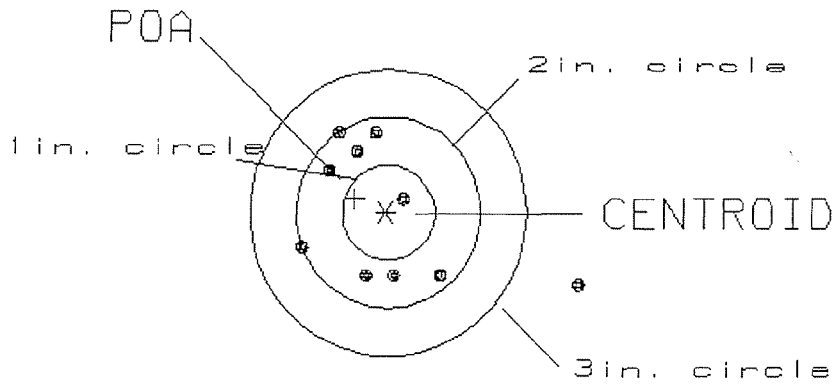
PATTERN #: 5

POA TO CENTROID: .368
 MIN RADIUS : .212
 MEAN RADIUS : .890
 MAX RADIUS : 2.154
 CENTROID X : .339
 CENTROID Y : -.143

23 Jan 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611565

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.95
 VS= 1.58
 GS= 2.99

1
 8
 9

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER		18853	
SERIAL NUMBER		C6611565	
LOG-IN DATE		12-12-00	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-16-00	CK
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-20-00	CK
605	CHECK HEADSPACE	12-20-00	CK
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-24-01	RW
655	FINAL INSPECT	1-30-01	CK
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

Final Inspection

S.N. C6611565

DATE REC'D: 12-12-00

DATE RET'D:

AUDITOR: CK

Item:

Barrel Assy.

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

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ SCREWS☒ FINISH☒ Looseness☒ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

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

Systems Case

☐ Scope Case☐ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

Remington[®] **DUPONT**[®] REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

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

SERIAL NO. C6611565	ORDER NO. 5716
-------------------------------	--------------------------

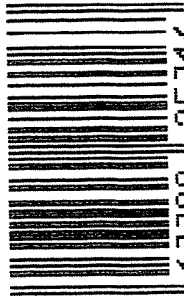
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.

46



5716 C6611565

UPC



0 47700 25716 7

Repaired
Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611565

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	2 1	91	RW
600	Proof	2 1	91	RW
607	Check Headspace	2 1	91	RW
610	Dis-assemble Gun	2 1	91	RW
612	Magnaflux Barrel Action	2 1	91	Ked
	Magnaflux Bolt	2 1	91	Ked
615	Rollmark Caliber	2 1	91	CS
617	Drill and Tap Sight Holes	2 1	91	LB
618	Polish Barrel <i>RB</i>	2 1	91	WB
620	Apply Coatings (Barrel Action)		3/29/91	WB
	Apply Coating (Bolt)			WB
625	Final Assembly			
	A) Clean inside of Bolt Assembly		3/29/91	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/29/91	WB
	C) Inspect Ejector Hole for Chamfer		3/29/91	WB
	D) Oil Firing Pin Ass'y		3/29/91	WB
	E) Adjust Trigger Pull to Min Setting and Stake		4/2/91	JEL

op. #	BARBER M24 0082833	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4-4-91	DH
	G) Safety Off Force	3	22	3			4-4-91	DH
	H) Trigger Pull Test & Retainability						4/2/91	JH
	I) Firing Pin Indent	1021	1022	10275			4-4-91	DH
	J) Assemble Stock						4/12/91	RW
	K) Assemble Swivel Studs						4-11-91	A
	L) Attach Front and Rear Sight Assemblies						4/12/91	RW
	M) Iron Sight Alignment						4/12/91	RW
	N) Detach Front & Rear Sights & place in numbered container						4/12/91	RW
	O) Attach Scope to Rifle						4/12/91	RW
	P) Detach & Attach Scope 20 Times						4/12/91	RW
640	Gallery Target & Test						4-12-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						4/12/91	NF
655	Final Inspection							
	A) Headspace						4-17-91	A
	B) Trigger Pull	2.52	2.42	2.48	2.50	2.51	4/16/91	JH
	C) Function						4-17-91	A
660	Pack						6-19-91	NF

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06611565

DATE 4/2/91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.27	2.40	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.17	2.41	2.42	
PULL #3	2.41	2.39	2.35	2.48	
PULL #4	2.34	2.38	2.31	2.50	
PULL #5	2.43	2.41	2.35	2.51	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	2.40	3.33		
PULL #2	3.37	3.37		
PULL #3	3.35	3.37		
PULL #4	3.39	3.33		
PULL #5	3.33	3.41		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.30		4.38
PULL #2	4.39	4.38		4.38
PULL #3	4.40	4.35		4.40
PULL #4	4.36	4.37		4.41
PULL #5	4.35	4.40		4.38
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611565
12 Apr 1991

CENTROIDAL DISTANCES

Ø TO	1	.340262
1 TO	2	.368782
1 TO	3	.592423
1 TO	4	.271266
1 TO	5	.353726

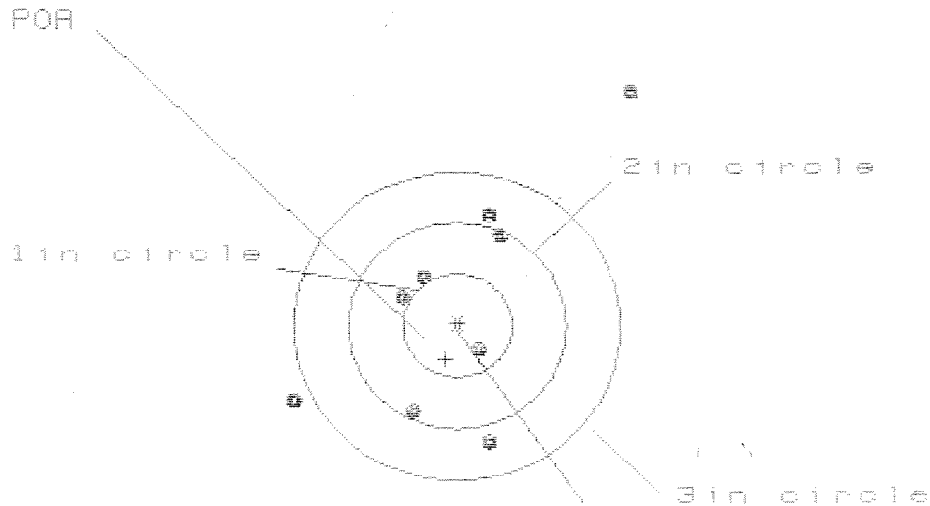
1
312 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0422
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0422384
THE AMP FOR THIS RIFLE IS: 1.001

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811585

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 3.102

VS = 4.445

GS = 4.718

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.601	.523	.548
MINIMUM X	-1.501	-1.323	-1.298
MAXIMUM Y	2.273	1.372	1.132
MINIMUM Y	-2.172	-1.920	-1.156
CENTROID X	.107	-.071	-.096
CENTROID Y	.323	.071	.311
POR TO CENTROID in.	.340	.100	.325
MIN RADIUS	.308	.369	.429
MEAN RADIUS	1.231	1.050	.906
MAX RADIUS	2.780	1.930	1.474
HORIZONTAL SPREAD	3.102	1.846	1.846
VERTICAL SPREAD	4.445	3.292	2.288
EXTREME SPREAD	4.718	3.301	2.537
NUMBER IN ONE INCH CIRCLE	= 1		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 7		

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B11585

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS= 10

IN CIR

1in = 4

2in = 6

3in = 9

HS= 2.950

VS= 1.879

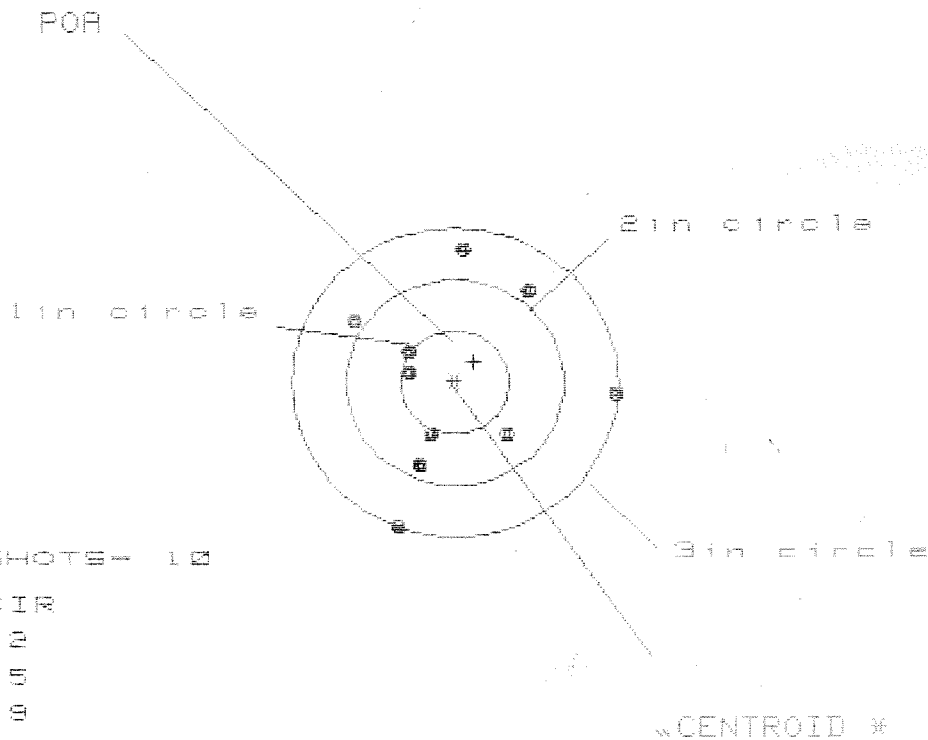
GS= 2.950

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.732	1.176	1.138
MINIMUM X	-1.218	-1.026	-1.064
MAXIMUM Y	.743	.755	.615
MINIMUM Y	-1.135	-1.124	-.554
CENTROID X	.187	-.005	.033
CENTROID Y	-.037	-.049	.091
POR TO CENTROID in.	.191	.050	.097
MIN RADIUS	.236	.359	.310
MEAN RADIUS	.861	.759	.698
MAX RADIUS	1.735	1.398	1.294
HORIZONTAL SPREAD	2.950	2.202	2.202
VERTICAL SPREAD	1.879	1.879	1.169
EXTREME SPREAD	2.950	2.392	2.307
NUMBER IN ONE INCH CIRCLE	=	4	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	9	

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/08B11585

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.424

VS= 2.741

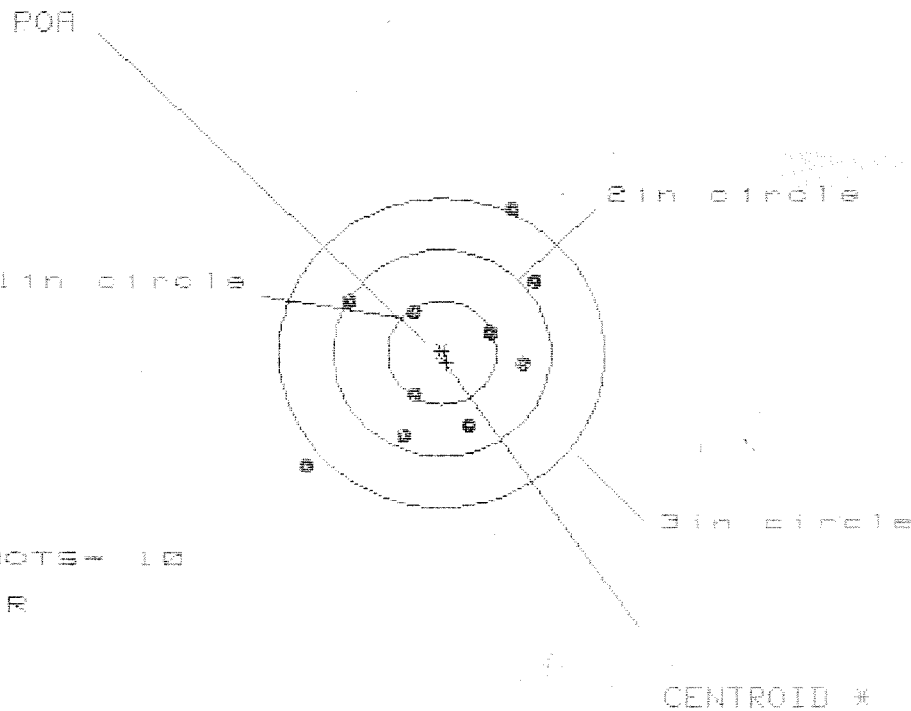
GS= 2.865

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.524	.811	.771
MINIMUM X	-.988	-.738	-.778
MAXIMUM Y	1.326	1.318	1.148
MINIMUM Y	-1.415	-1.423	-.938
CENTROID X	-.175	-.345	-.385
CENTROID Y	-.198	-.198	-.812
POA TO CENTROID in.	.264	.394	.385
MIN RADIUS	.411	.247	.285
MEAN RADIUS	.952	.853	.782
MAX RADIUS	1.526	1.458	1.165
HORIZONTAL SPREAD	2.424	1.541	1.541
VERTICAL SPREAD	2.741	2.741	2.078
EXTREME SPREAD	2.865	2.865	2.131
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	9	

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611565

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.069

VS= 2.515

GS= 3.118

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.852	.716	.778
MINIMUM X	-1.218	-1.004	-.943
MAXIMUM Y	1.375	1.249	.707
MINIMUM Y	-1.139	-.885	-.729
CENTROID X	-.046	.089	.028
CENTROID Y	.099	.225	.069
POA TO CENTROID in.	.109	.242	.074
MIN RADIUS	.439	.313	.424
MEAN RADIUS	.894	.798	.714
MAX RADIUS	1.668	1.342	1.065
HORIZONTAL SPREAD	2.069	1.720	1.720
VERTICAL SPREAD	2.515	2.134	1.436
EXTREME SPREAD	3.118	2.344	1.869
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		8	

12 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811565

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 3.087

VS= 2.141

QS= 3.274

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.414	1.227	1.212
MINIMUM X	-1.683	-1.228	-1.074
MAXIMUM Y	1.214	1.135	1.054
MINIMUM Y	-.927	-1.006	-1.087
CENTROID X	-.082	.105	-.049
CENTROID Y	.024	.103	.184
POA TO CENTROID in.	.086	.147	.191
MIN RADIUS	.214	.339	.375
MEAN RADIUS	1.068	.979	.913
MAX RADIUS	1.827	1.398	1.349
HORIZONTAL SPREAD	3.097	2.455	2.286
VERTICAL SPREAD	2.141	2.141	2.141
EXTREME SPREAD	3.274	2.619	2.619
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

F641 3549 New

Serial Number: ~~C6611565~~

Model: 700



RE00066082

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

DATE 6-3-03

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.41		2.69	MIN. SETTING,
PULL #2	2.52	2.50		2.54	NO AVG. OF 5
PULL #3	2.50	2.48		2.53	READINGS ACCEPT-
PULL #4	2.47	2.35		2.50	ABLE LESS THAN 2
PULL #5	2.55	2.41		2.50	
TOTAL	12.51	12.15		12.76	
AVG.	2.50	2.43		2.55	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.22		
PULL #2	3.38	3.18		
PULL #3	3.43	3.28		
PULL #4	3.47	3.27		
PULL #5	3.20	3.20		
TOTAL	16.88	16.15		
AVG.	3.37	3.23		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.01	4.10		4.46
PULL #2	4.09	4.15		4.38
PULL #3	4.02	4.17		4.49
PULL #4	4.21	4.07		4.32
PULL #5	4.02	4.08		4.36
TOTAL	20.35	20.57		22.01
AVG.	4.07	4.11		4.40

SERIAL # E6043549INSPECTED BY: RTLDATE REC'D: 6-2-03DATE RET'D: RTL

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:

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

R & E NUMBER	66082		
SERIAL NUMBER	66011565	660413549	NEW
LOG-IN DATE	6/2/03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6/2/03	RTL
560 A	RE-BARREL	6-5-03	RTL
B	DRILL AND TAP	6-5-03	TRW
575	ASSEMBLE	6-5-03	RTL
600	PROOF	6-5-03	AC
605	CHECK HEADSPACE	6-5-03	AC
610	DIS-ASSEMBLE GUN	6-5-03	RTL
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	6-17-03	JB
618	ROTO-BLAST	6-17-03	JB
620	APPLY COATINGS	6-19-03	TA
625 A	FINAL ASSEMBLY	6-24-03	RTL
B	TRIGGER PULL TEST	6-26-03	TRW
C	SAFETY "ON" FORCE	6-26-03	DA
D	SAFETY "OFF" FORCE	6-26-03	DA
E	FIRING PIN INDENT	6-26-03	DA
640	TARGET	6-25-03	TRW
655	FINAL INSPECT	6-26-03	RTL
660	PACK	6-26-03	DA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413549.__0
FILE DATE AND TIME: 06/25/2003 07:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.011
The Average Y Centroid of the Five Target Set:	-0.119
The Average Point of Impact of the Five Target Set:	0.119
The Average Mean Radius of the Five Target Set:	0.591
The Distance from POA to Centroid Target #1:	0.084
The Distance from Centroid Target #2 to Centroid Target #1:	0.175
The Distance from Centroid Target #3 to Centroid Target #1:	0.042
The Distance from Centroid Target #4 to Centroid Target #1:	0.198
The Distance from Centroid Target #5 to Centroid Target #1:	0.091

SERIAL NUMBER: E6413549. __0

TARGET NUMBER: 1

FILE DATE: 06/25/2003

FILE TIME: 07:55

X CENTROID: 0.026

Y CENTROID: -0.080

POA TO CENTROID: 0.084

HORZ SPREAD: 1.524

VERT SPREAD: 1.783

GROUP SPREAD: 1.924

MIN RADIUS: 0.060

MAX RADIUS: 1.093

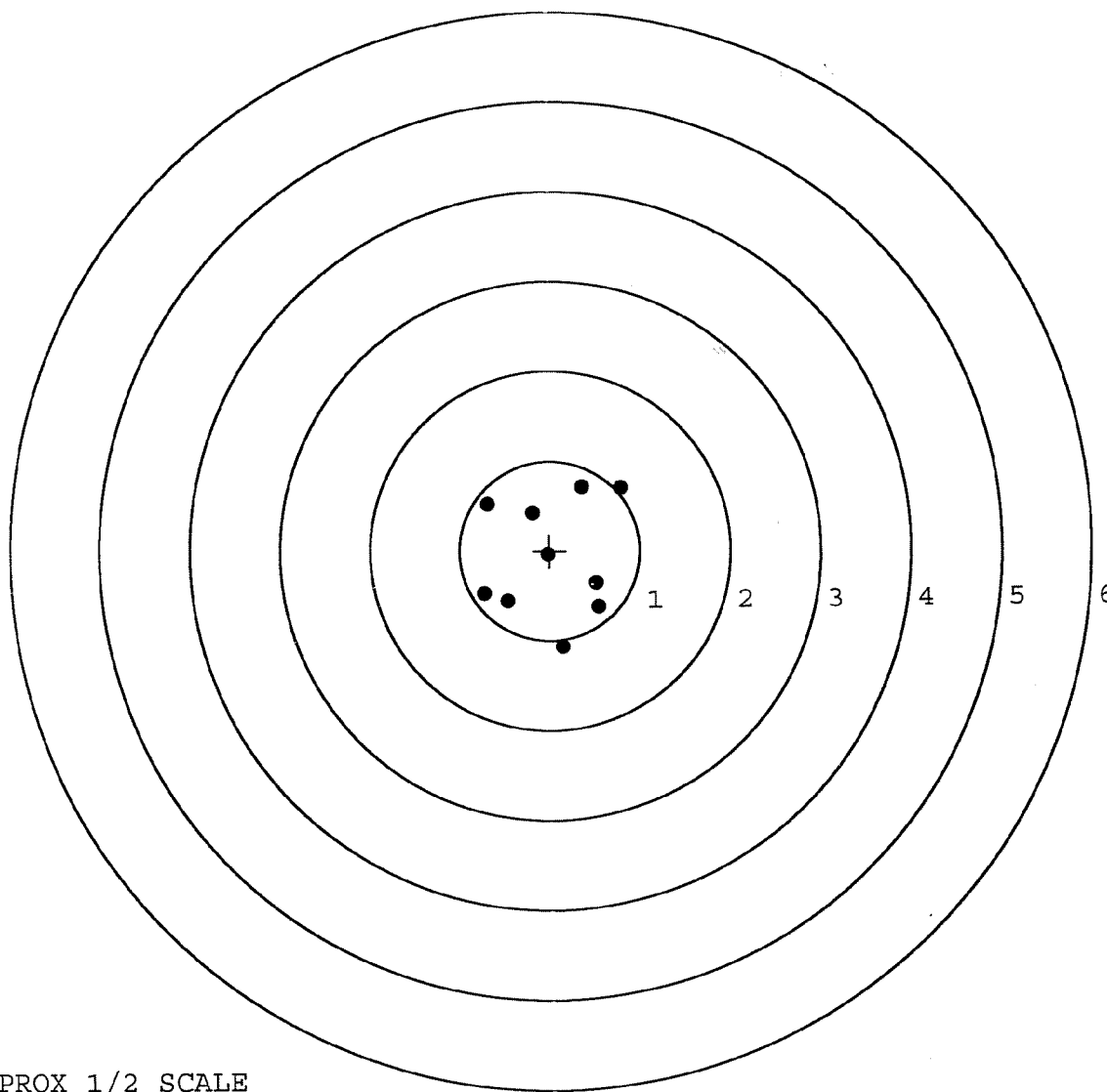
MEAN RADIUS: 0.736

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.142	-1.076
2:	0.541	-0.632
3:	0.514	-0.365
4:	-0.023	-0.046
5:	-0.467	-0.561
6:	-0.732	-0.476
7:	0.364	0.707
8:	0.792	0.699
9:	-0.187	0.426
10:	-0.687	0.521



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413549. __0

TARGET NUMBER: 2

FILE DATE: 06/25/2003

FILE TIME: 07:55

POINT#	X	Y
1:	0.290	-0.786
2:	0.245	-0.403
3:	0.650	-0.122
4:	0.130	0.237
5:	-0.212	0.461
6:	-0.497	0.413
7:	-0.055	1.035
8:	-0.645	0.017
9:	-0.781	-0.123
10:	-0.598	-1.280

X CENTROID: -0.147

Y CENTROID: -0.055

POA TO CENTROID: 0.157

HORZ SPREAD: 1.431

VERT SPREAD: 2.315

GROUP SPREAD: 2.378

MIN RADIUS: 0.403

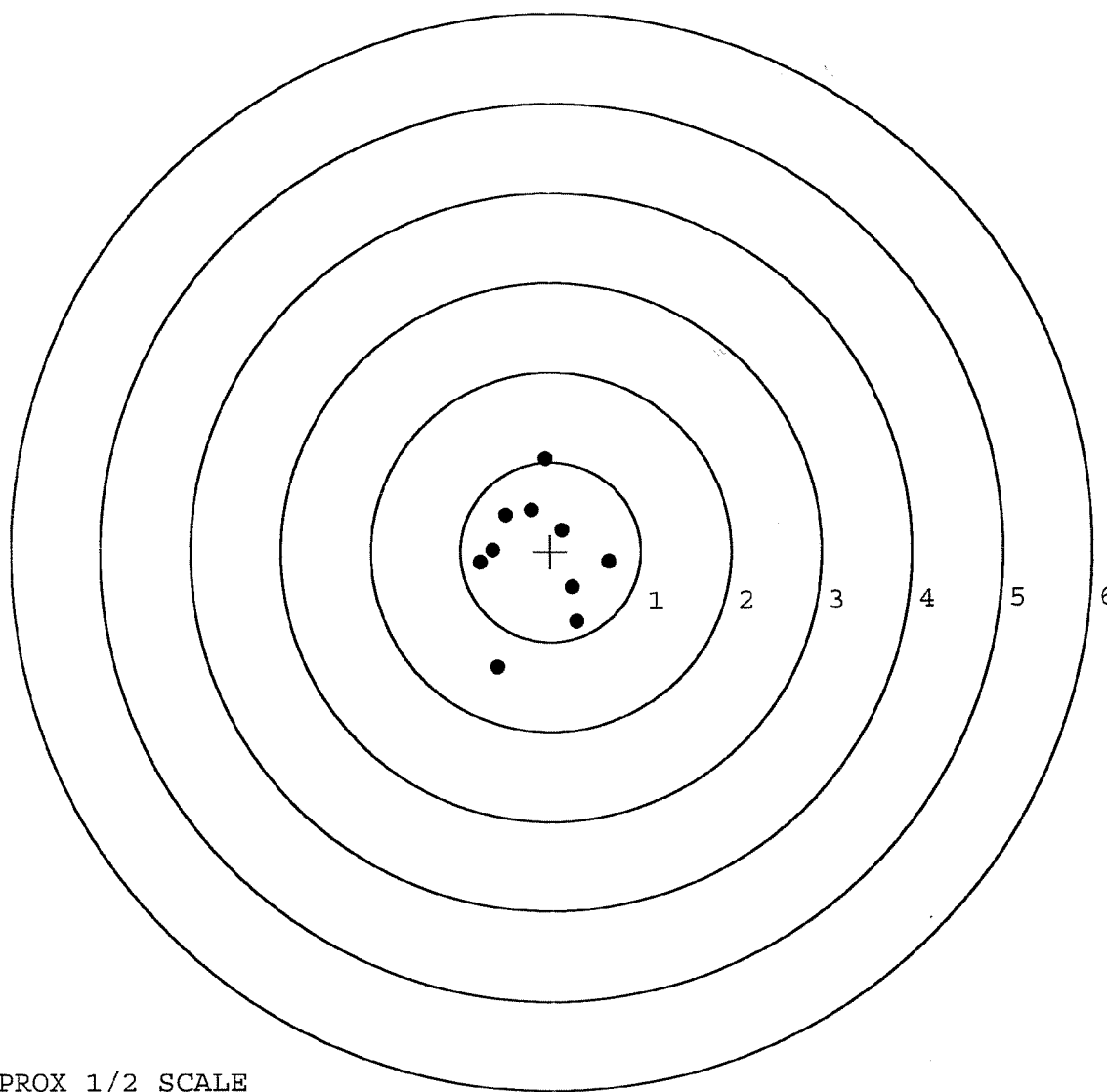
MAX RADIUS: 1.305

MEAN RADIUS: 0.722

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413549. __0

TARGET NUMBER: 3

FILE DATE: 06/25/2003

FILE TIME: 07:55

X CENTROID: -0.001

Y CENTROID: -0.047

POA TO CENTROID: 0.047

HORZ SPREAD: 1.057

VERT SPREAD: 1.799

GROUP SPREAD: 1.980

MIN RADIUS: 0.095

MAX RADIUS: 1.068

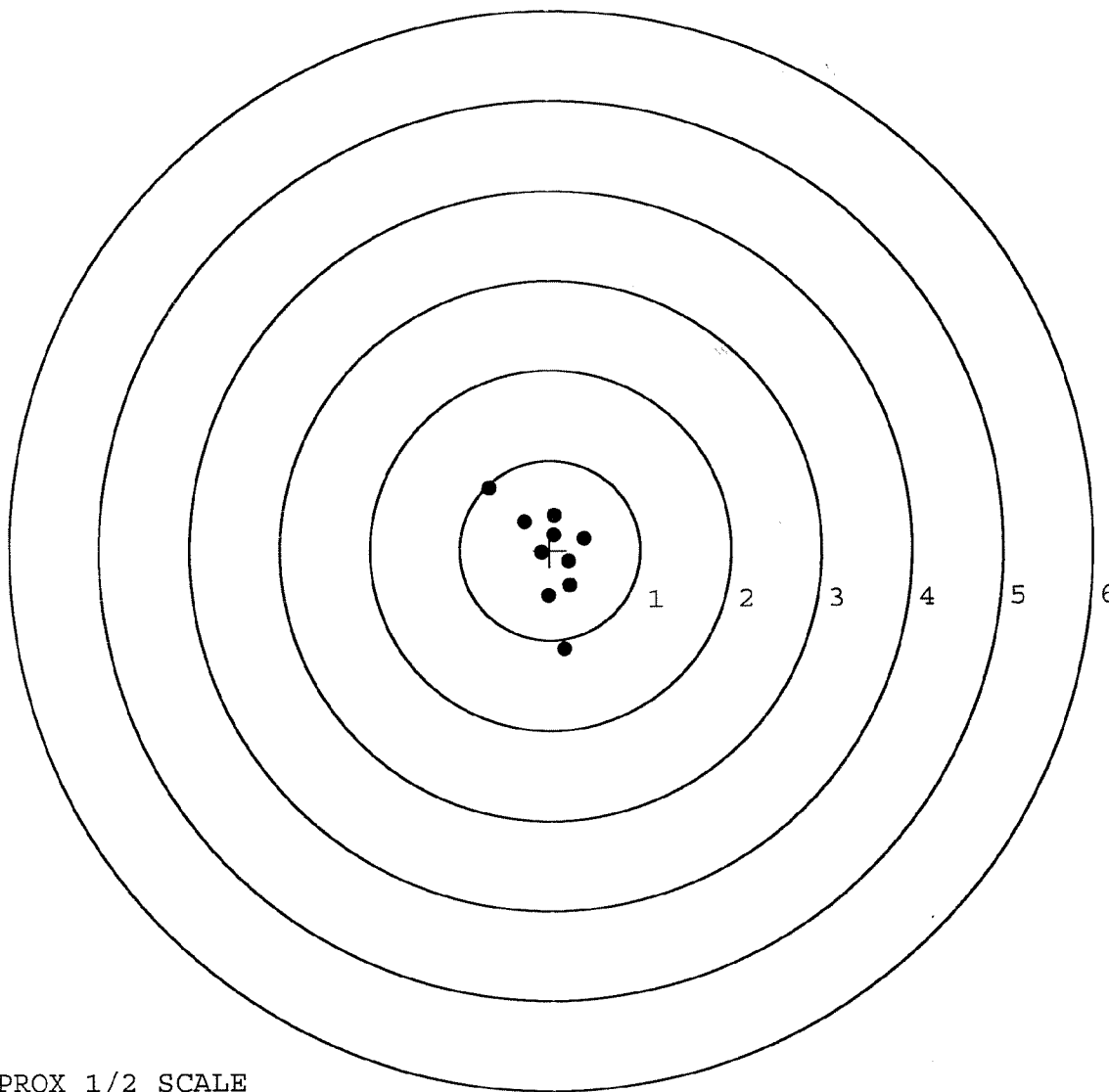
MEAN RADIUS: 0.481

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.156	-1.104
2:	-0.024	-0.510
3:	0.224	-0.396
4:	-0.672	0.695
5:	0.385	0.128
6:	0.047	0.389
7:	-0.282	0.316
8:	0.208	-0.127
9:	-0.094	-0.032
10:	0.046	0.169



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413549. __0

TARGET NUMBER: 4

FILE DATE: 06/25/2003

FILE TIME: 07:55

X CENTROID: 0.079

Y CENTROID: -0.271

POA TO CENTROID: 0.283

HORZ SPREAD: 1.258

VERT SPREAD: 2.202

GROUP SPREAD: 2.409

MIN RADIUS: 0.206

MAX RADIUS: 1.262

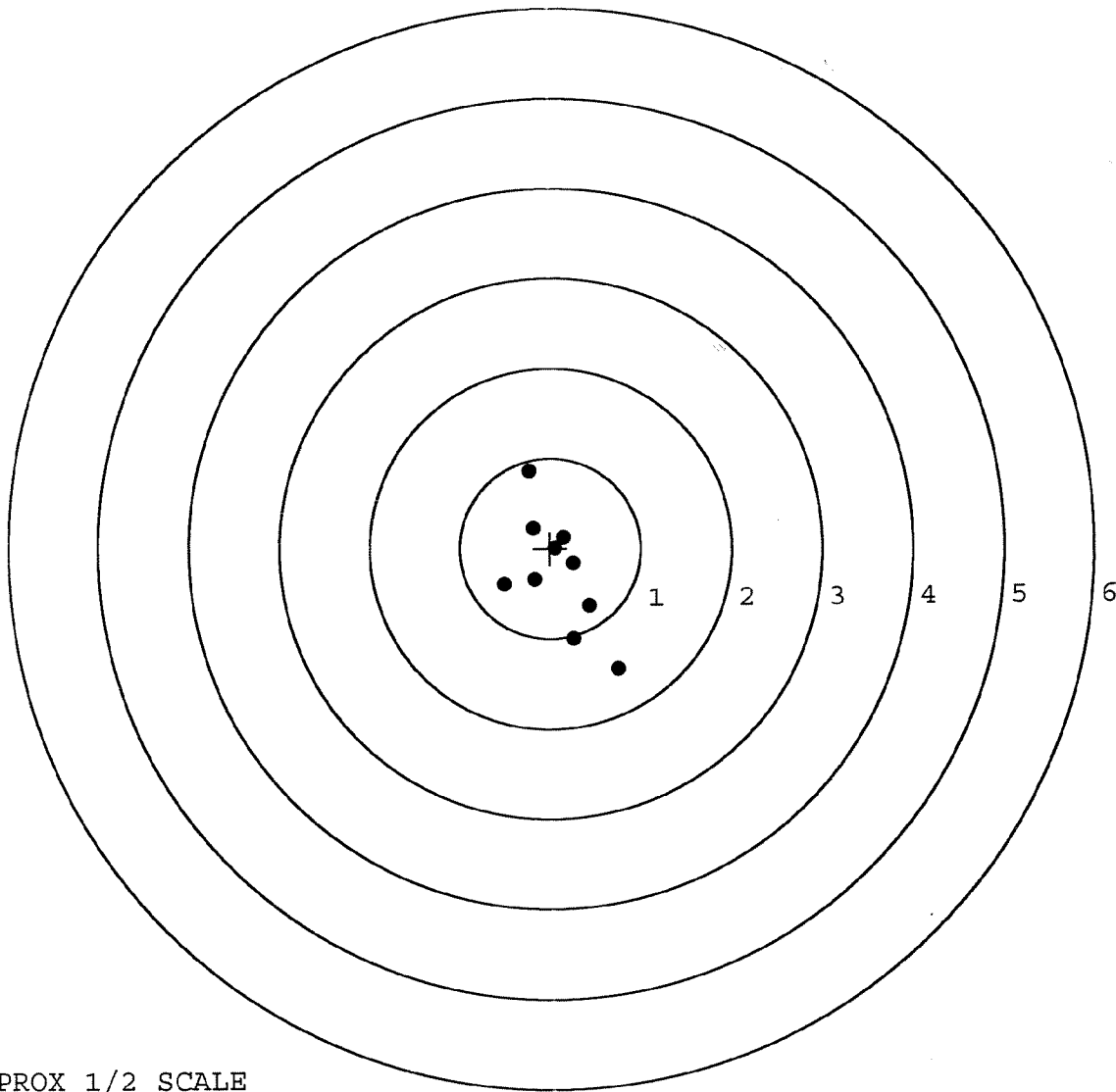
MEAN RADIUS: 0.602

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.745	-1.343
2:	0.259	-1.009
3:	0.433	-0.642
4:	-0.513	-0.404
5:	-0.233	0.859
6:	-0.174	-0.348
7:	0.259	-0.171
8:	0.153	0.124
9:	-0.188	0.222
10:	0.054	0.001

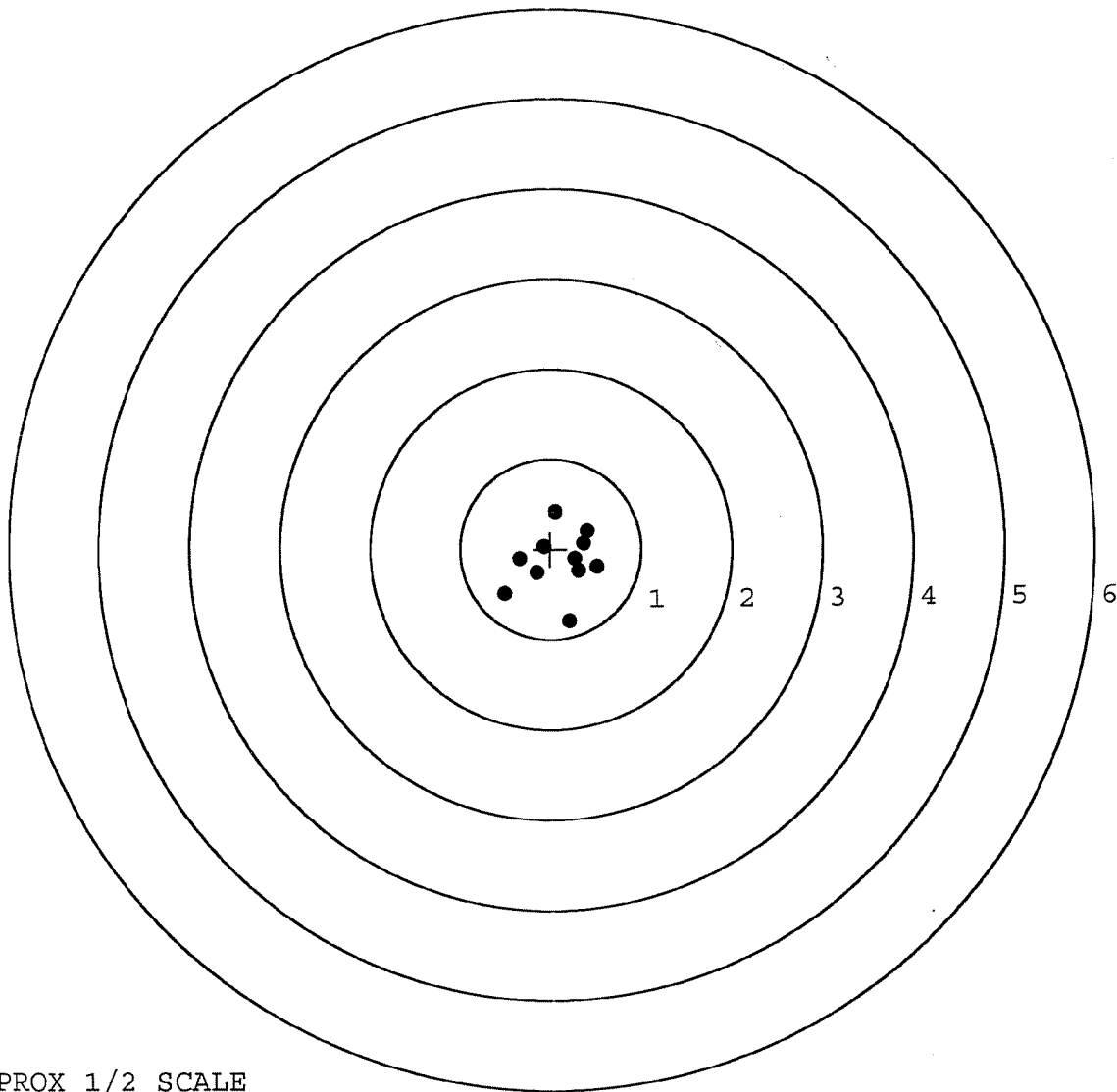


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413549. __0
 TARGET NUMBER: 5
 FILE DATE: 06/25/2003
 FILE TIME: 07:55

POINT#	X	Y
1:	-0.079	0.028
2:	0.059	0.413
3:	0.411	0.195
4:	-0.160	-0.265
5:	-0.511	-0.494
6:	-0.344	-0.108
7:	0.270	-0.111
8:	0.307	-0.244
9:	0.212	-0.803
10:	0.516	-0.206
11:	0.367	0.061

X CENTROID: 0.095
 Y CENTROID: -0.139
 POA TO CENTROID: 0.169
 HORZ SPREAD: 1.027
 VERT SPREAD: 1.216
 GROUP SPREAD: 1.151
 MIN RADIUS: 0.177
 MAX RADIUS: 0.702
 MEAN RADIUS: 0.412
 # IN 1 IN DIAMETER: 8
 # IN 2 IN DIAMETER: 11
 # in 3 IN DIAMETER: 11



TARGET APPROX 1/2 SCALE