

G6360939

Phone

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	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

9/28/2006

8:48 AM

CAPS

NUM

INS

SCRL

start

3 M.

3 M.

5 I.

Par...

Sto...

Mo...

Ar...

8:48 AM

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

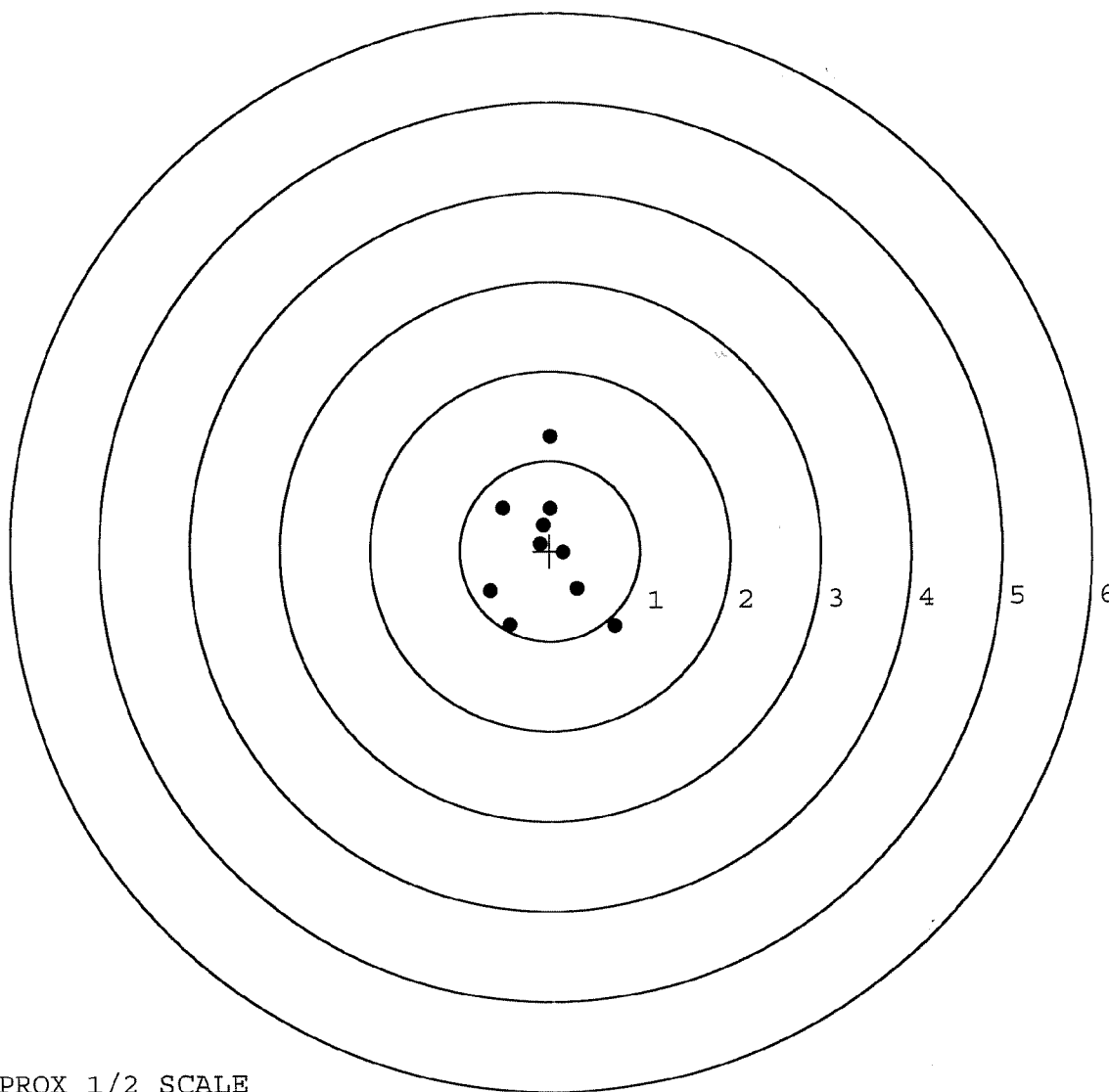
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

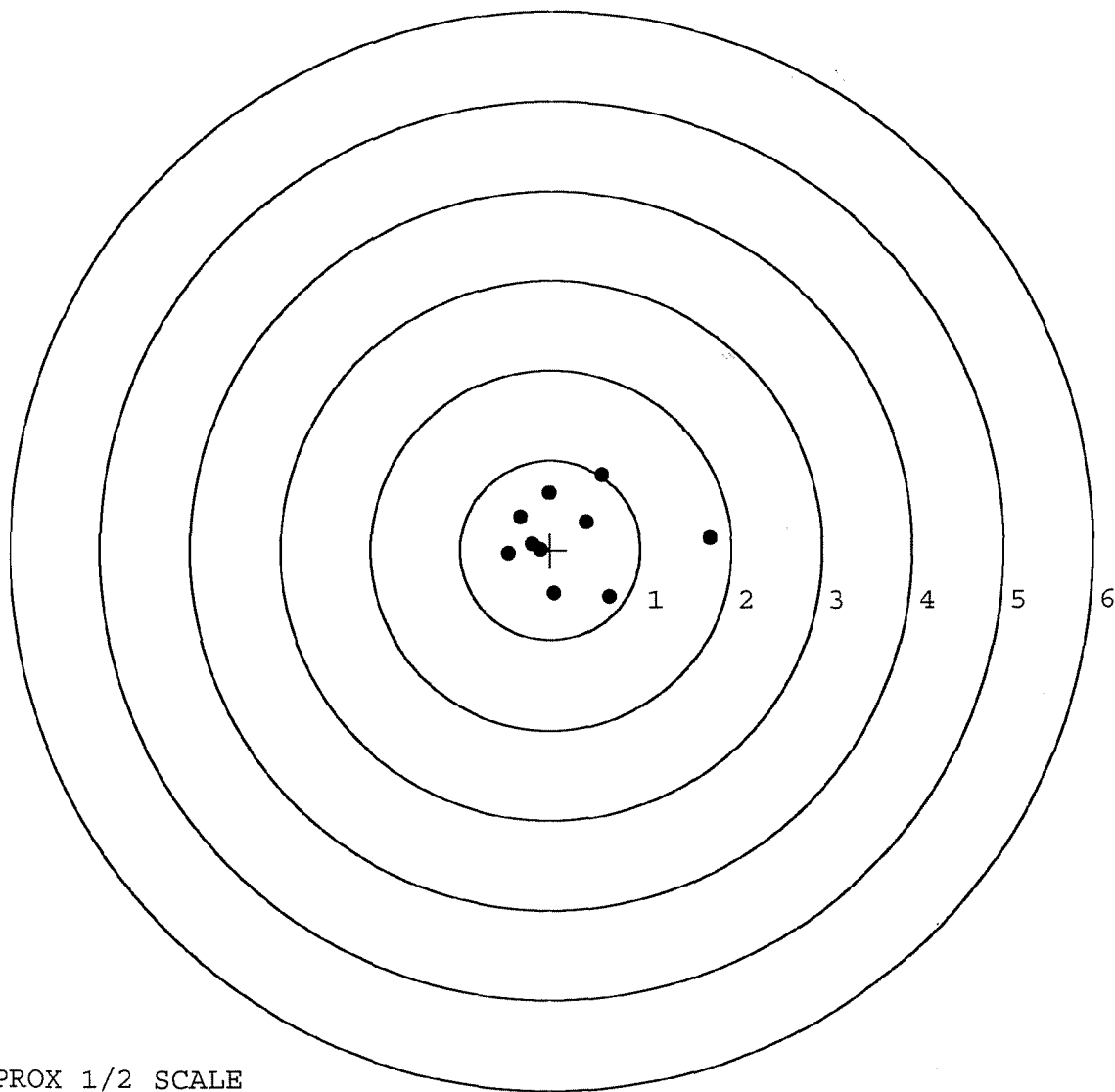
MAX RADIUS: 1.535

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

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

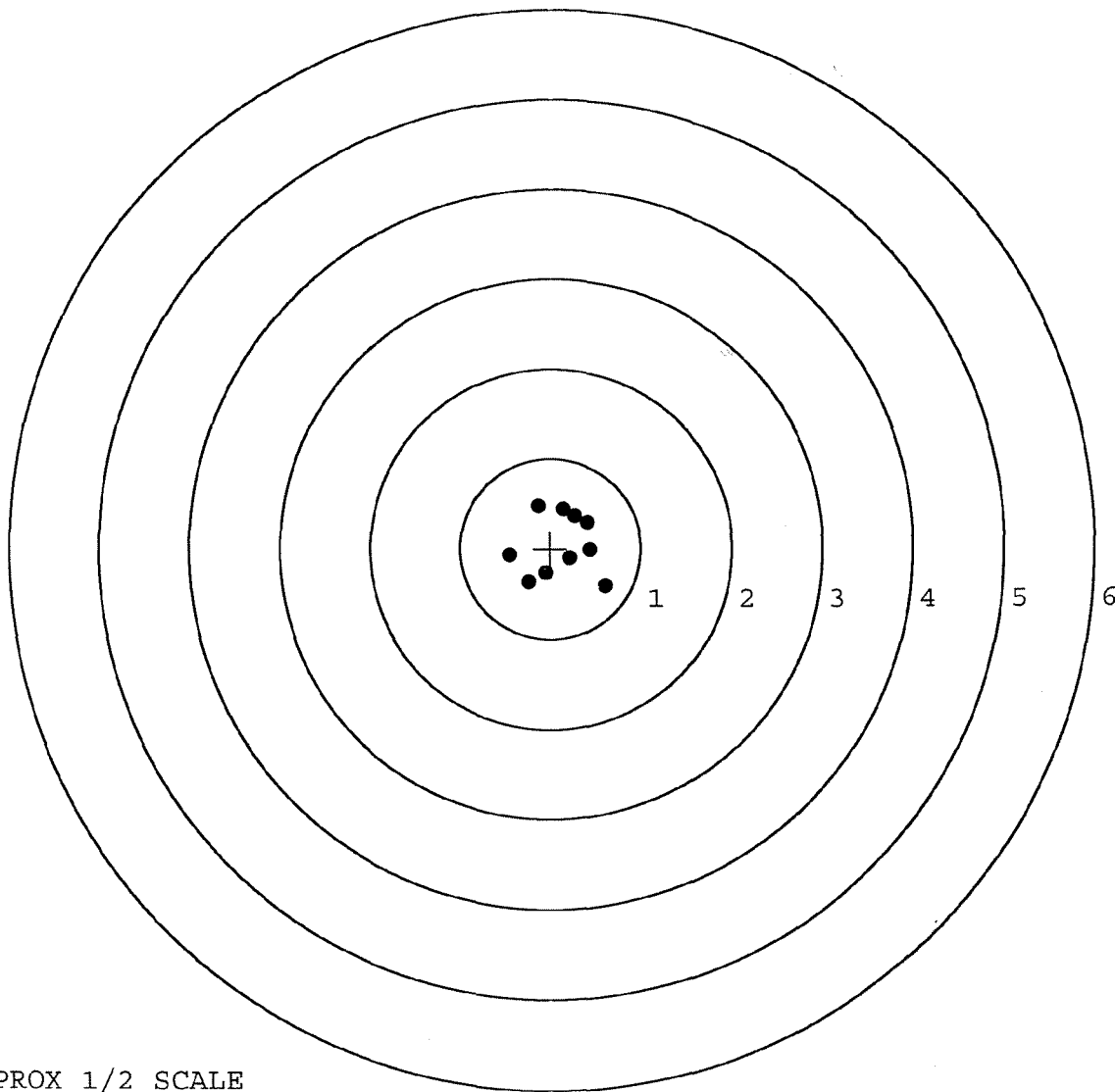
MAX RADIUS: 0.660

MEAN RADIUS: 0.430

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

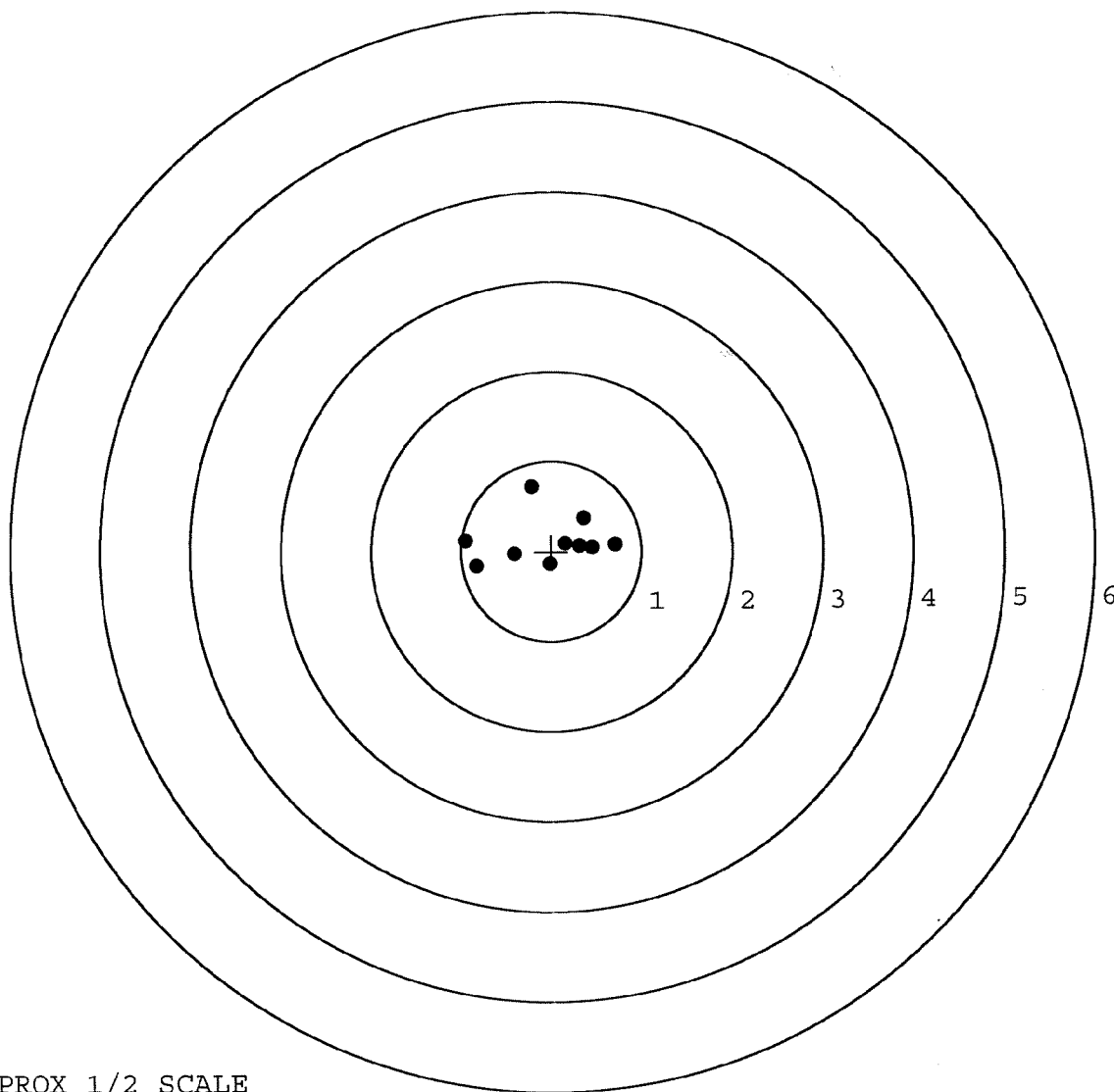


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. __0
TARGET NUMBER: 4
FILE DATE: 08/19/2004
FILE TIME: 06:27

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

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



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

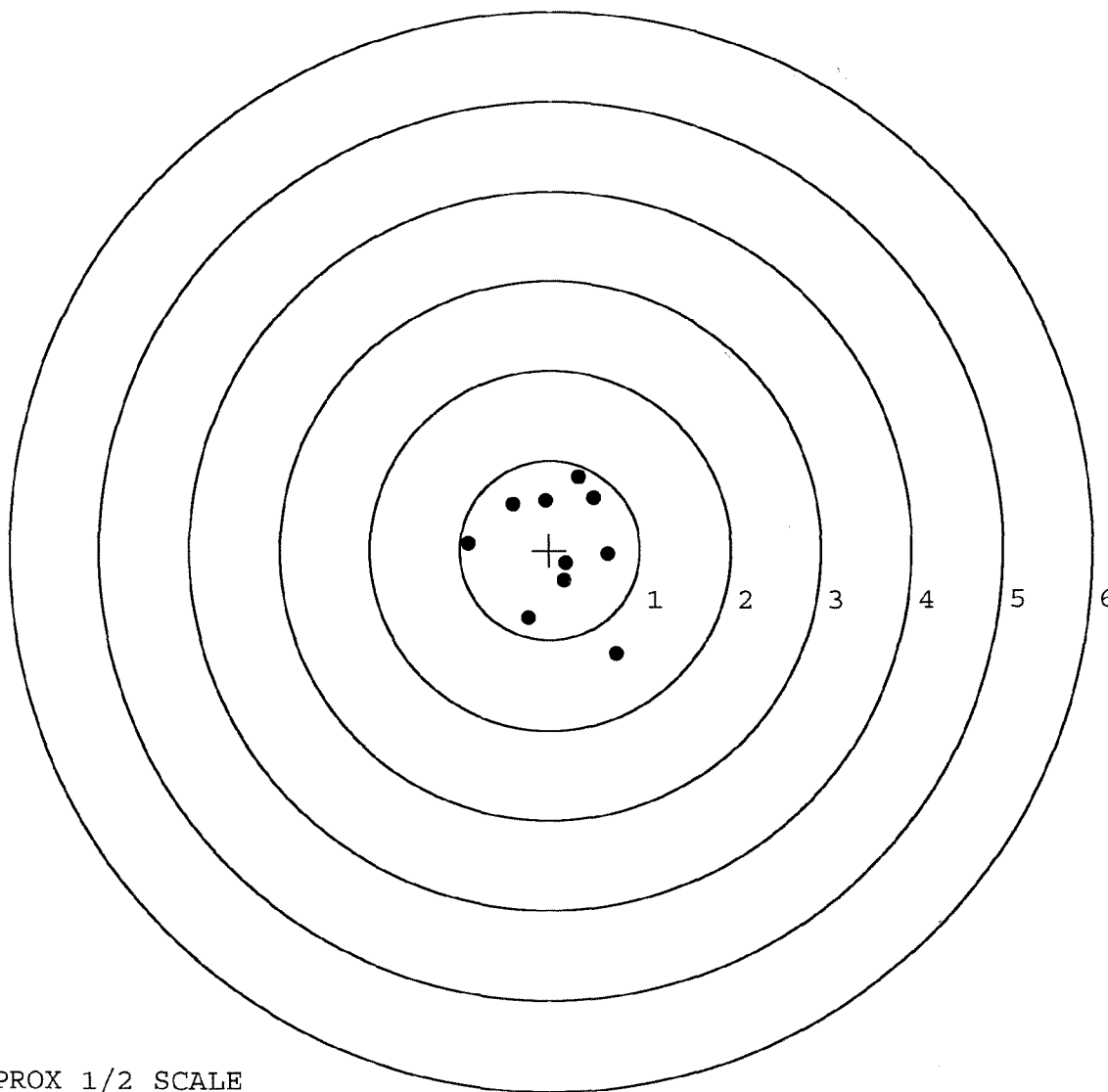
MAX RADIUS: 1.337

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 HHC 2/29 INF. REGT. PHONE: (706) 544-1450
UTIL CODE: 0

ACTIVITY DATA

SUP WON: ITT PHONE: 544-8635
SUP UIC: W6CR07 SHOP SEC:

EQUIPMENT DATA

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

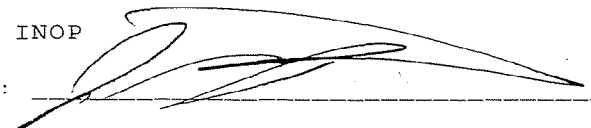
NOUN: RIFLE 7.62MM SNIP SER NUM: G6360939 / 890010 QTY: 00001

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: SSG Philip J. Serna 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 Ph. 11/15

S75-8183

W6GIA68
MGM

WAR
H4AB

M-24
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	10-4-06	TRW	
460	CHECK HEADSPACE	INSPECTED	10-4-06	TRW	
470	DIS-ASSEMBLE GUN	OCT 06 2006	10-4-06	RTZ	
480	MAGNAFLUX	OPERATOR [Signature]	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	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4.9 5.5 5.5	10-12-06	DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5	10-12-06	DA
	I) FIRING PIN INDENT	.020	.021 .021 .021	10-12-06	DA
690	PACK			10-12-06	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

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: **RE00108943** Serial: G6360939 Model M24 SWS Center Fire
 Verify Repair Caliber: 7 62 NATO Repairman: 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 <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A016</td> <td>Scope Rings</td> <td>2</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> </tbody> </table>			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
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

start 4 M... Part... Arm... 2 L... 4 M... 2 W... Sto... 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

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

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

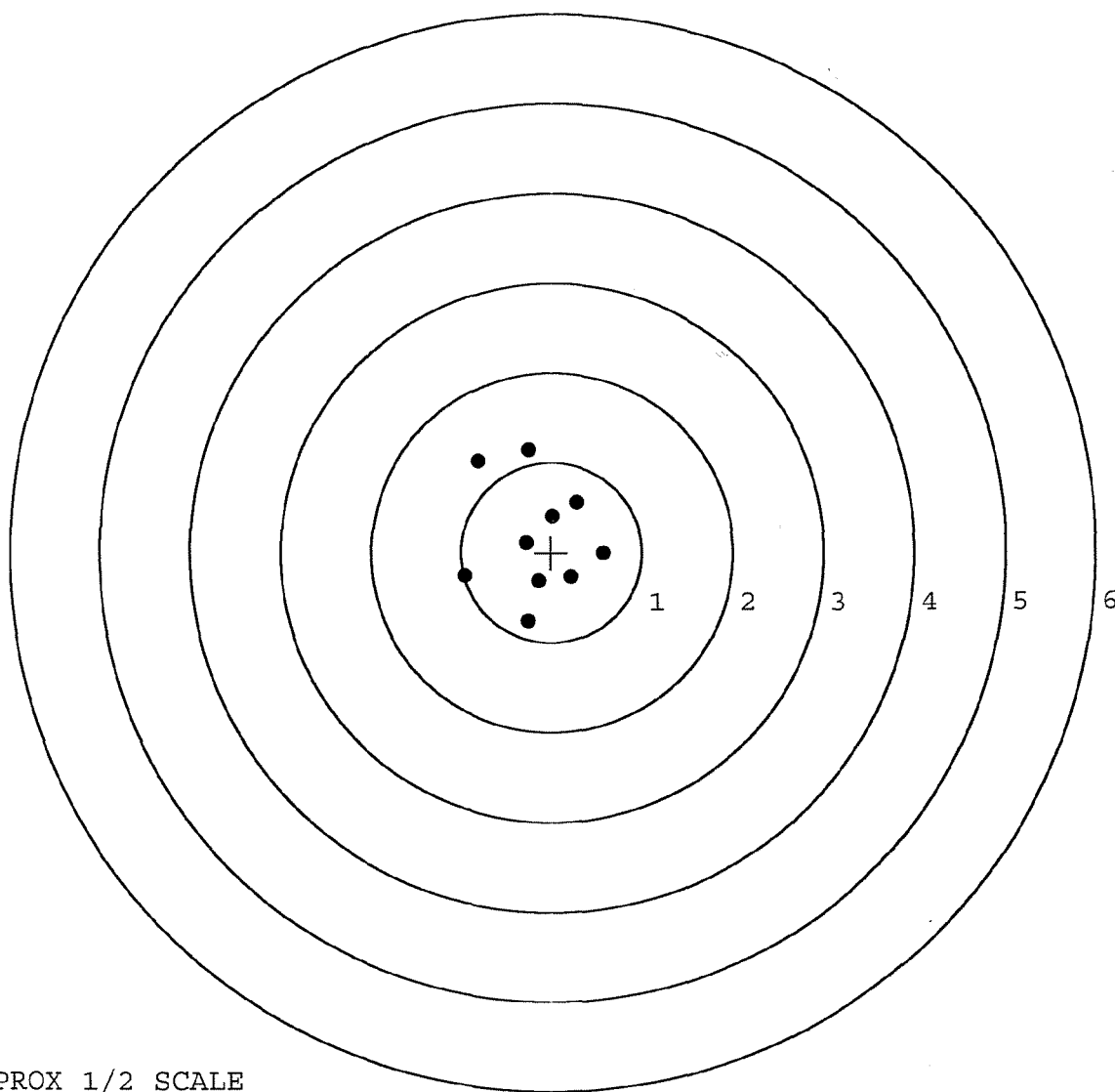
MAX RADIUS: 1.076

MEAN RADIUS: 0.672

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

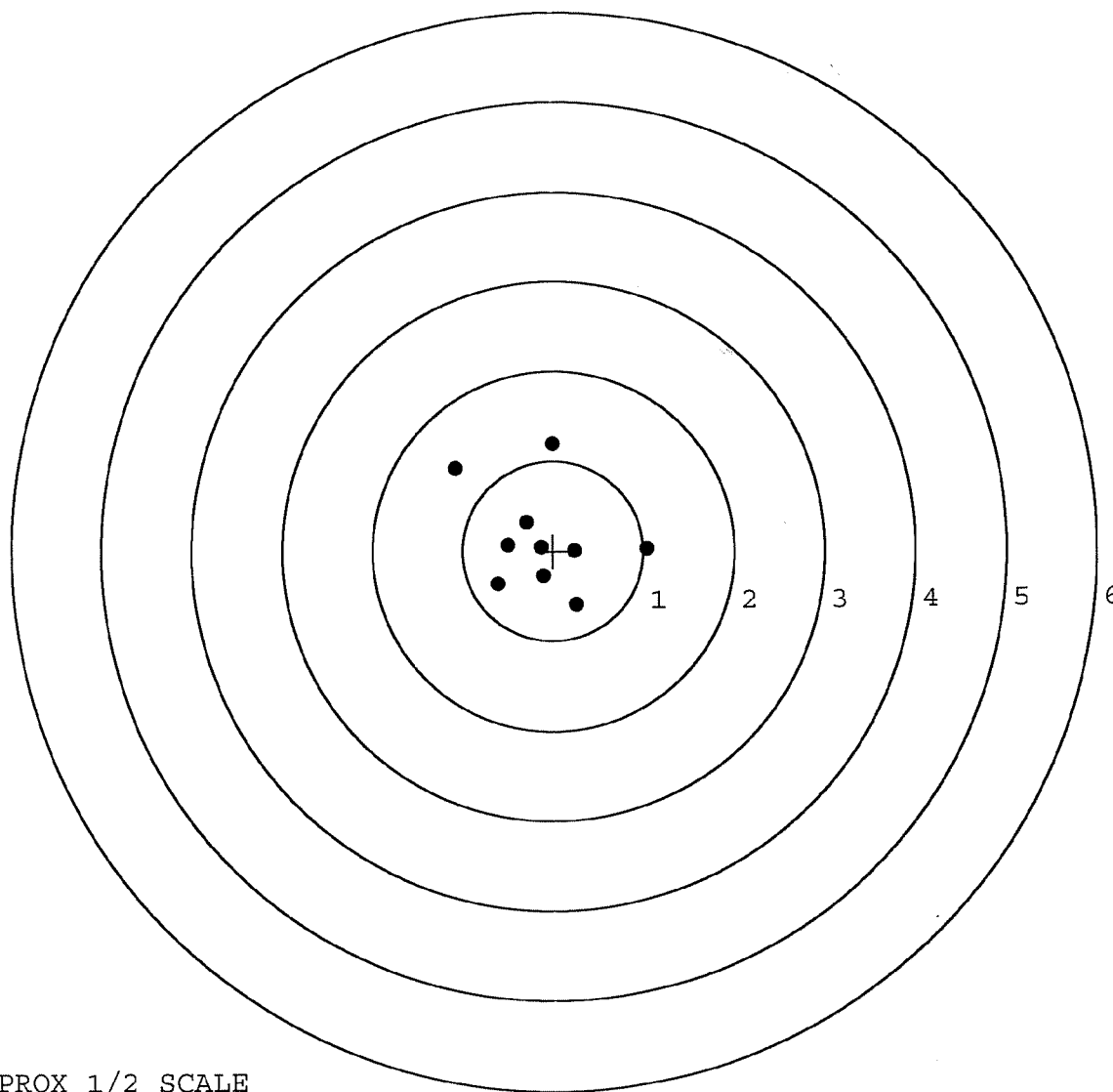


TARGET APPROX 1/2 SCALE

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

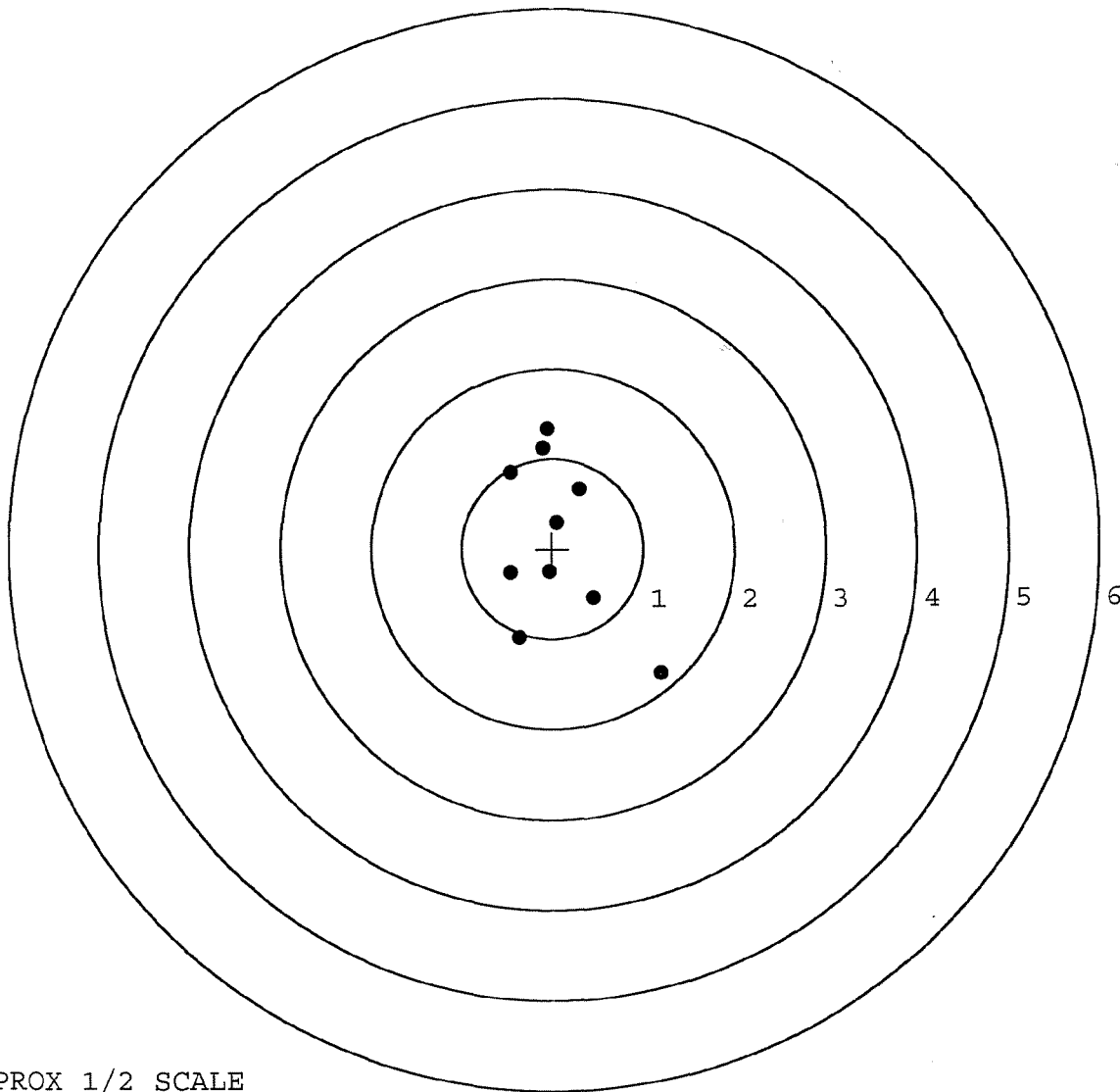


TARGET APPROX 1/2 SCALE

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

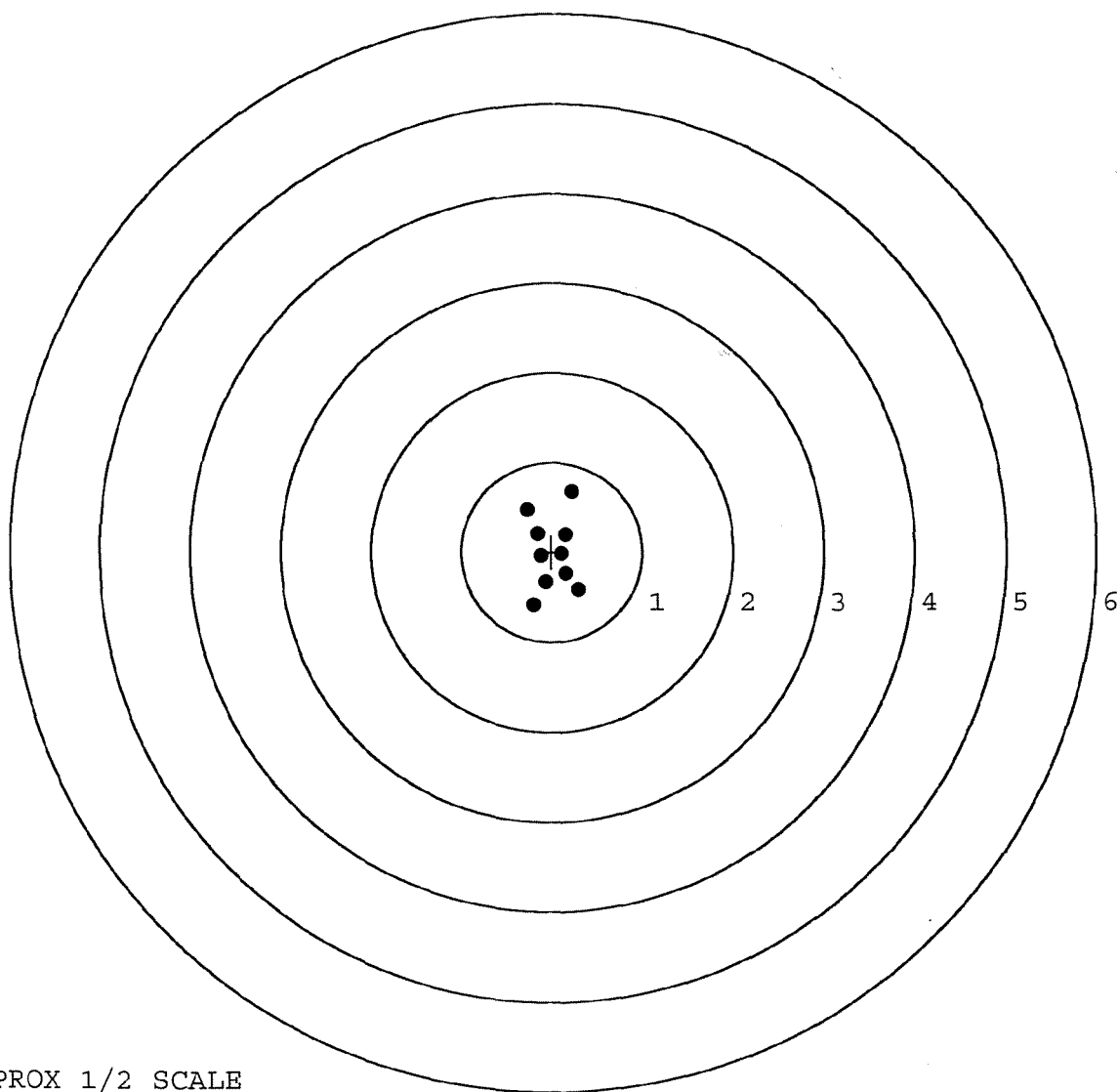
MAX RADIUS: 0.722

MEAN RADIUS: 0.378

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

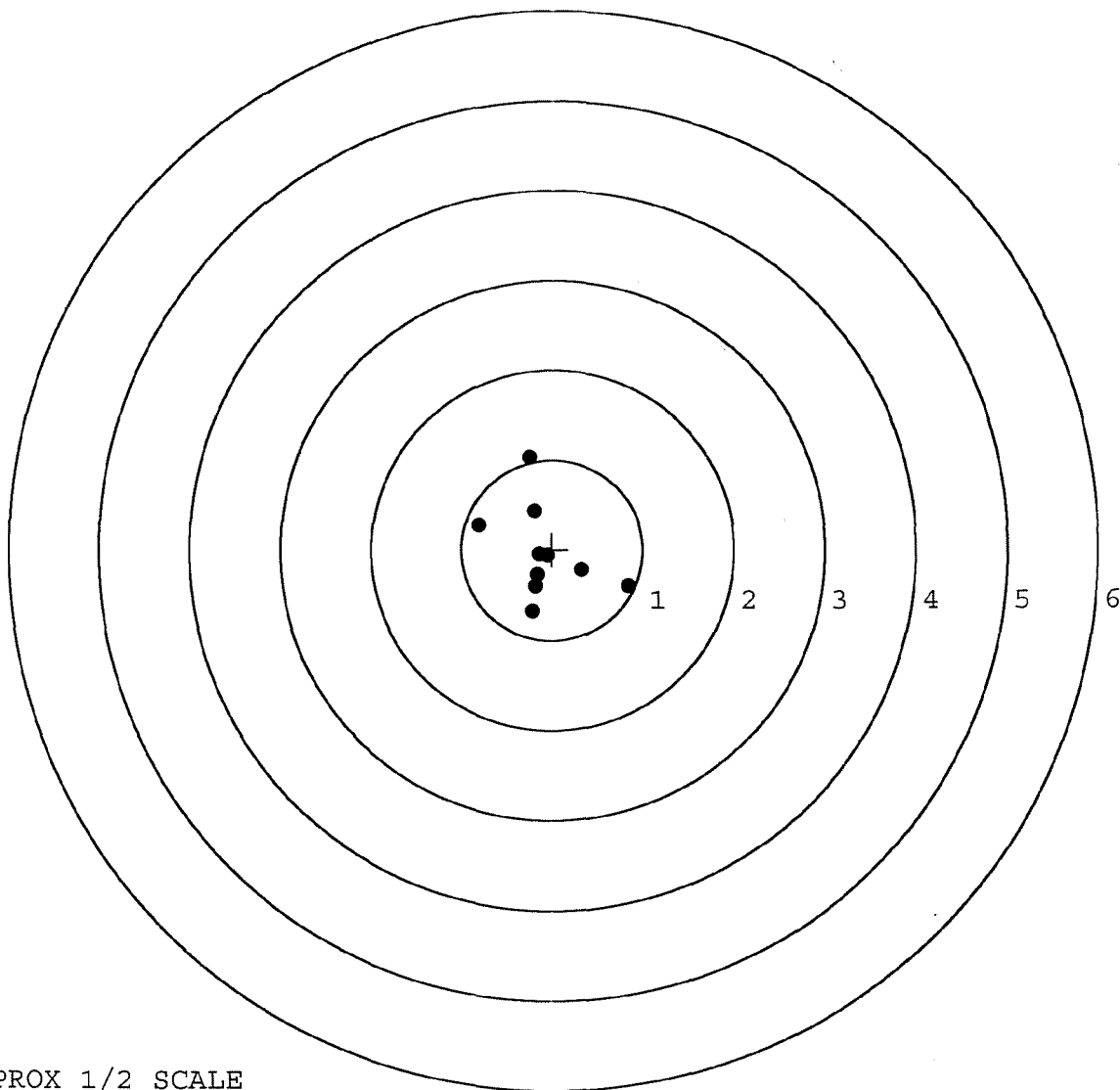


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360939. __1
TARGET NUMBER: 5
FILE DATE: 03/15/2006
FILE TIME: 15:46

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

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



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECK LIST
CONTRACT #: DAAG-20-02-C-0146

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	HP
518	FINAL ASSEMBLY	3-15-06	RTZ
522	FUNCTION TEST AND	PASS FAIL 3-15-06	mtm
530	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:

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

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

start 3 4 2

Serial Number: **G6360939**

Model: **M24 SWS**



RE00101654

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 _____

TESTER _____

9/22/05

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

FORM-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
Replace TRIC ASSY		9-29-05	AC
		SHIP DATE	
QAR INSPECTION DATE			

DA FORM 2407, JUL 94

M2400082852

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**

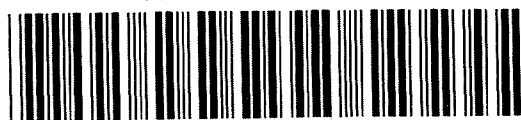
eglandit 8/4/2004 8:25 AM CAPS NUM INS SCRL

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

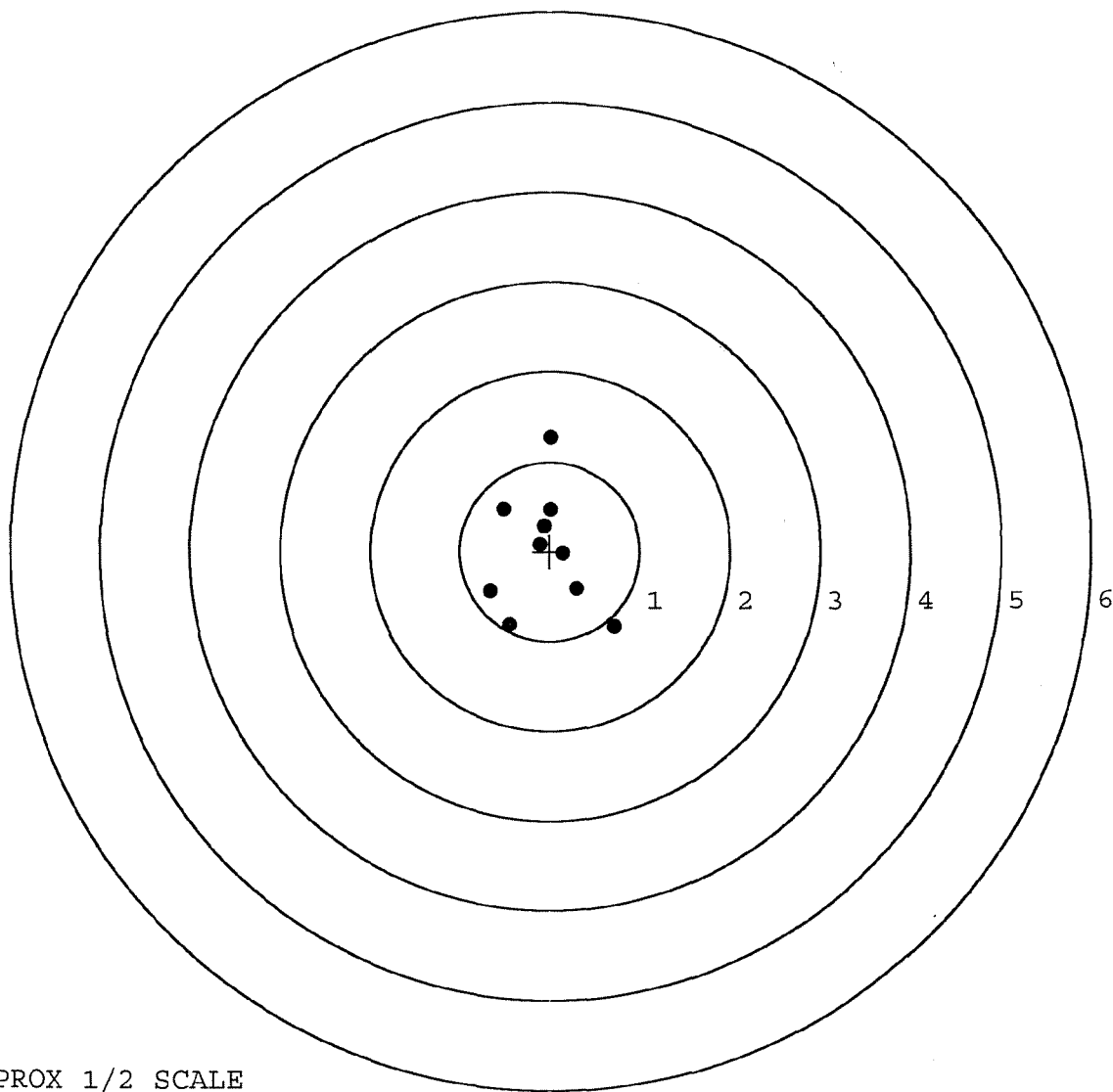
MEAN RADIUS: 0.635

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

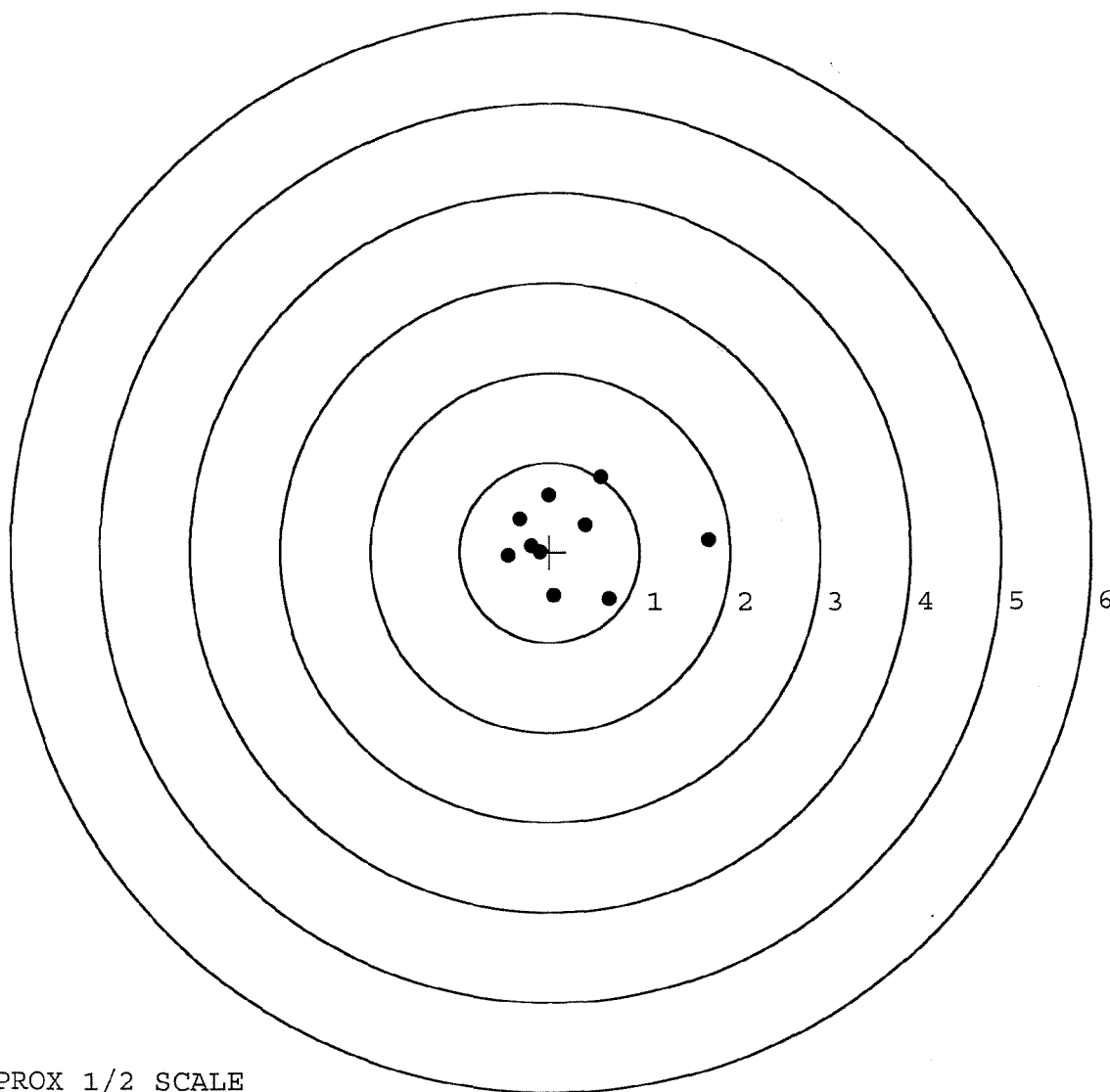
MAX RADIUS: 1.535

MEAN RADIUS: 0.669

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

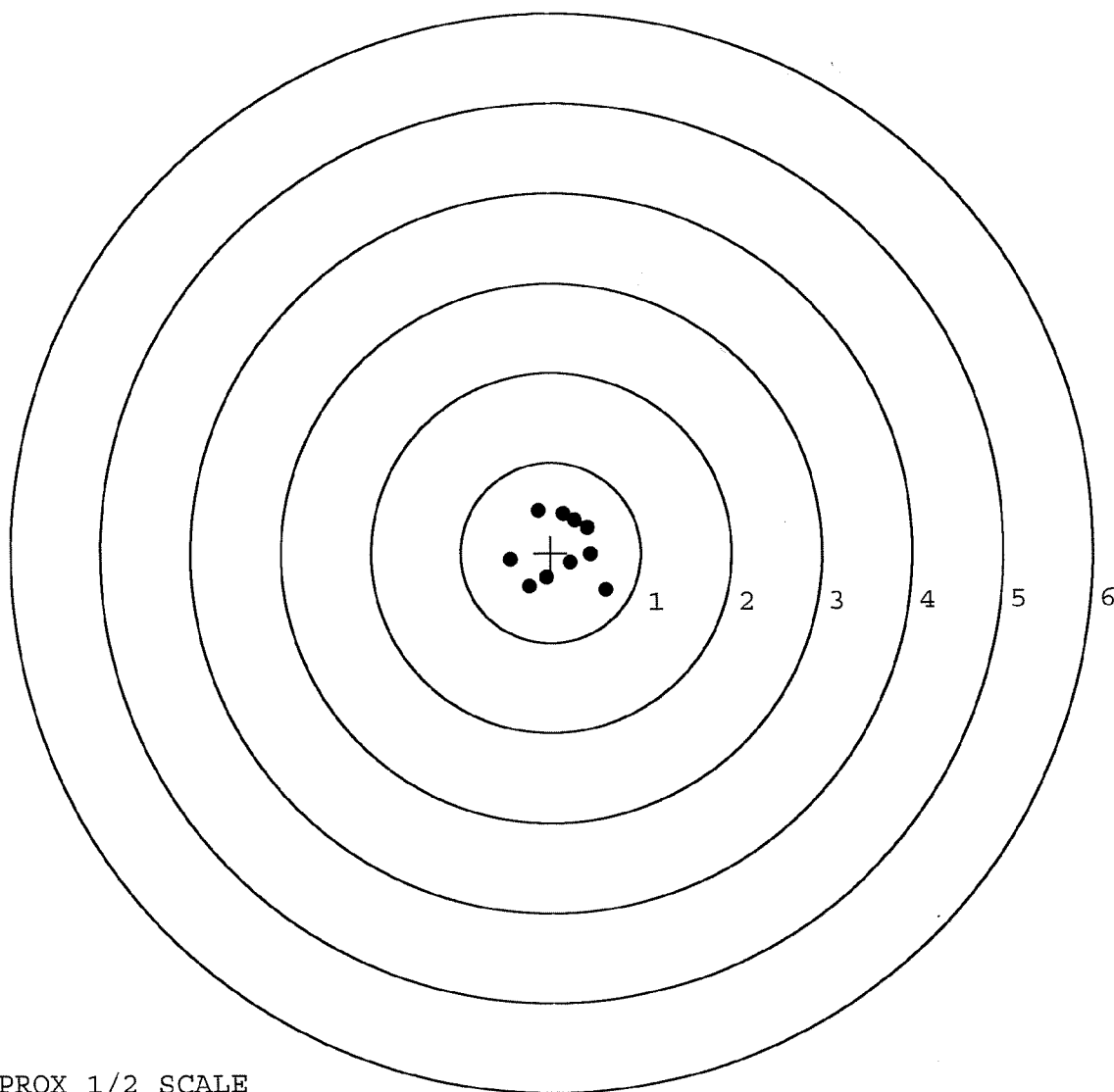


TARGET APPROX 1/2 SCALE

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

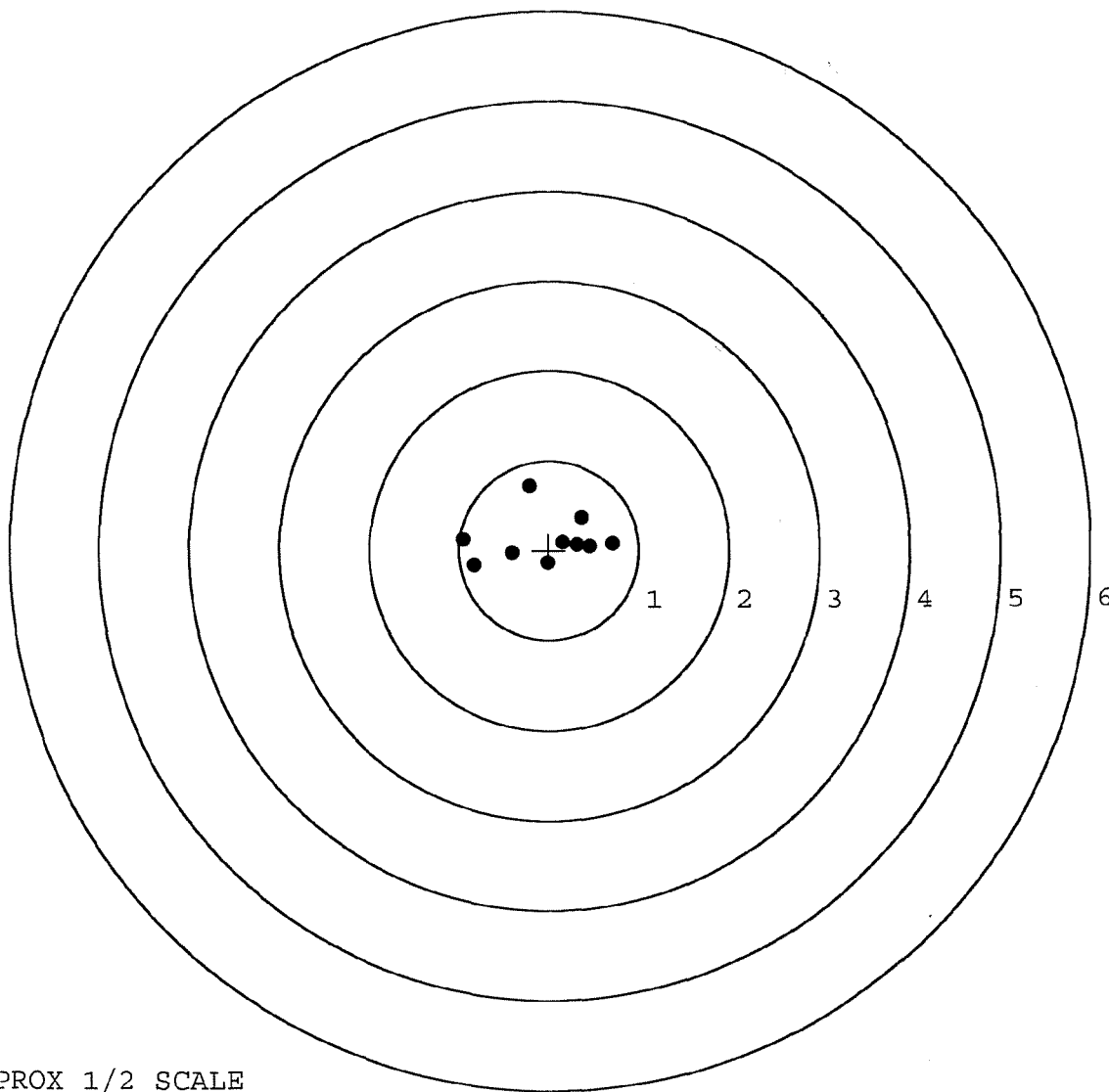
MAX RADIUS: 0.910

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

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

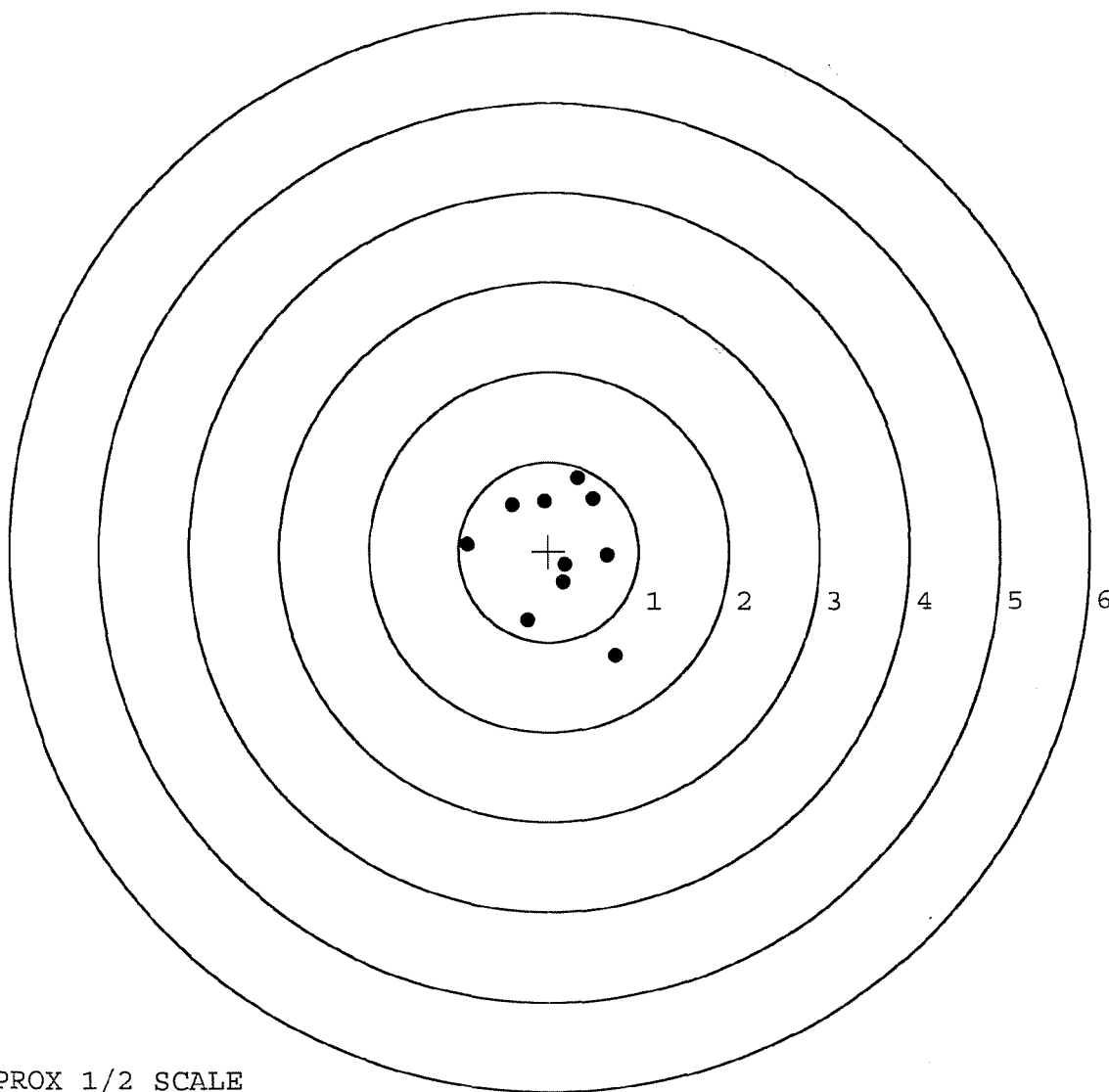
MAX RADIUS: 1.337

MEAN RADIUS: 0.710

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

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 AUG 11 2004	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		

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

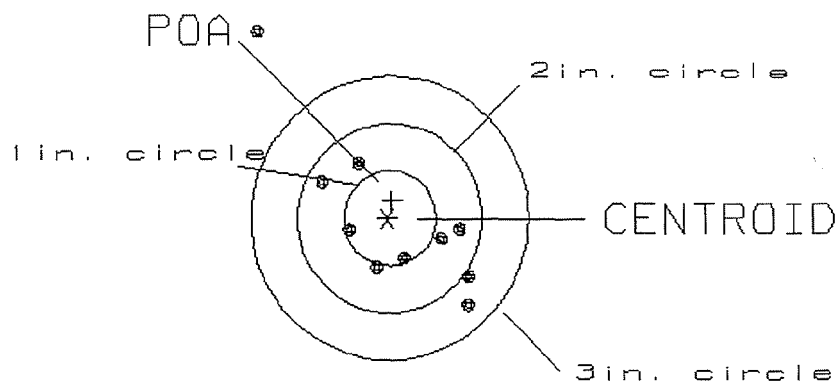
PATTERN #: ☐ 1 ☐

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

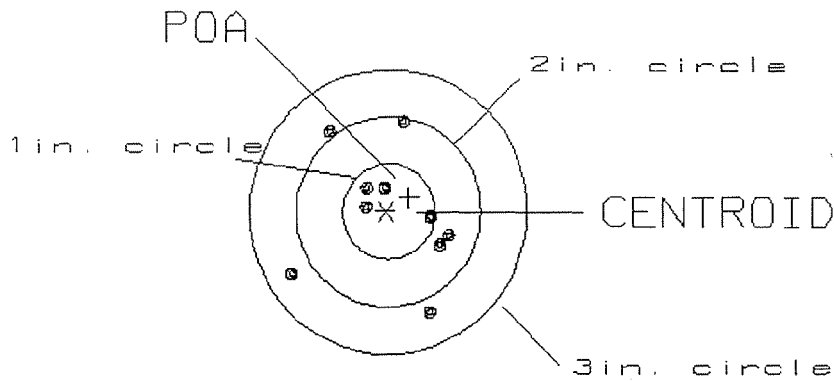
PATTERN #: ☐ 2 ☐

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

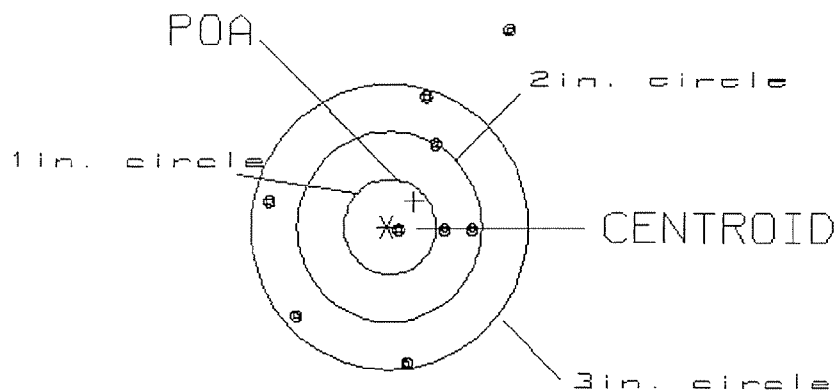
10

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
 VS= 4.09
 GS= 5.05

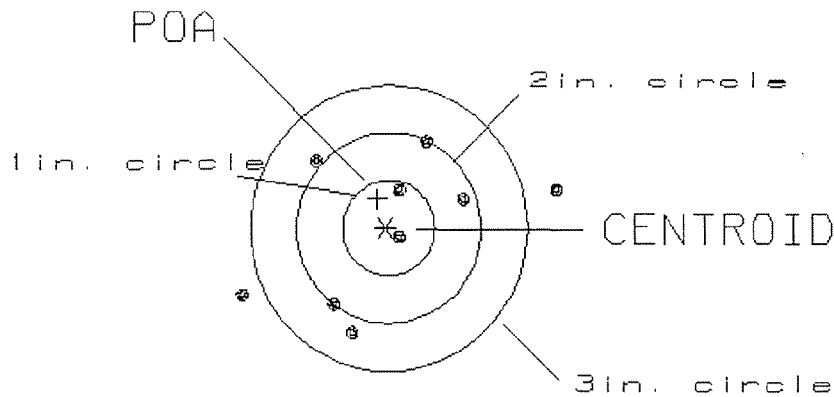
1
 3
 6

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
 VS= 2.04
 GS= 3.59

3
 5
 8

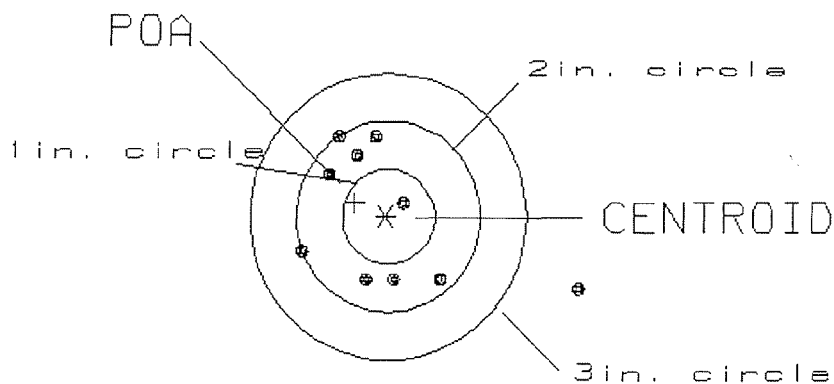
PATTERN #: 5

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[®]

REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

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

46

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

DU PONT

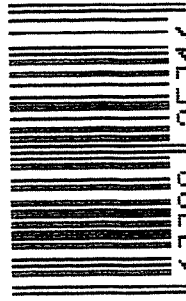
SERIAL NO.
C6611565

ORDER NO.
5716



5716 C6611565

UPC



0 47700 25716 7

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. #	OP. NAME	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	K
	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

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C 6611565
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

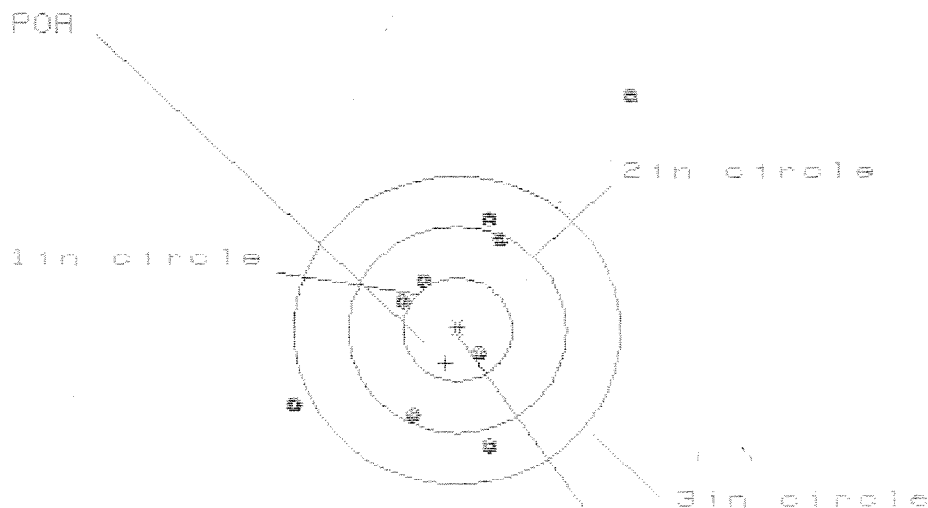
 1
3.12 <----POA

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/C68J1585

CENTERFIRE PATTERNS # 1



* OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 7

HS = 3.102

VS = 4.445

GS = 4.718

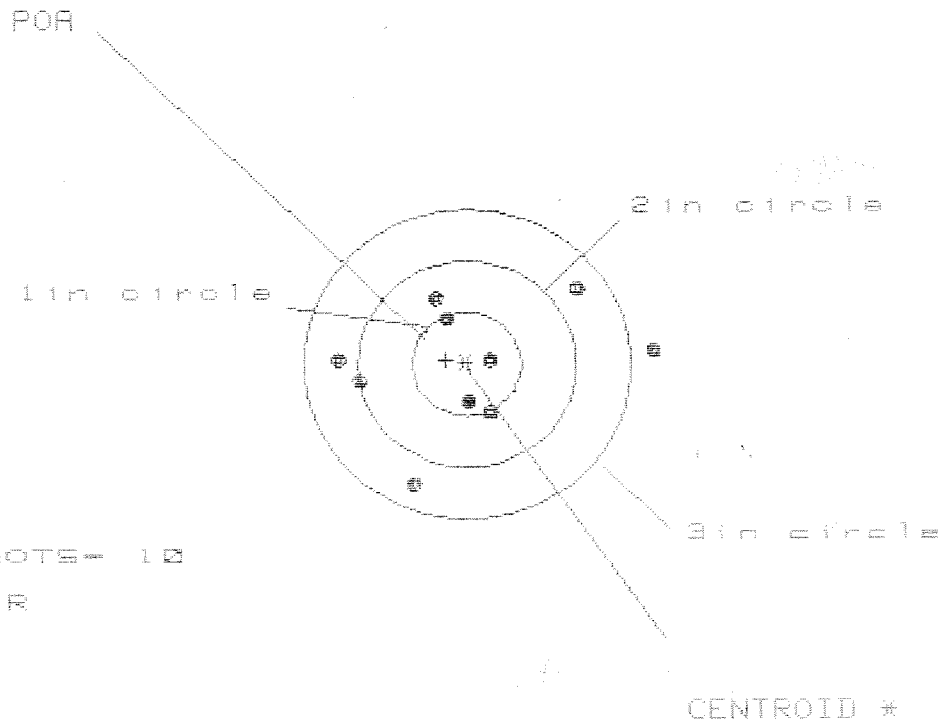
CENTROID #

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



* OF SHOTS= 10

IN CIR

1in = 4

2in = 5

3in = 5

HS= 2.950

VS= 1.879

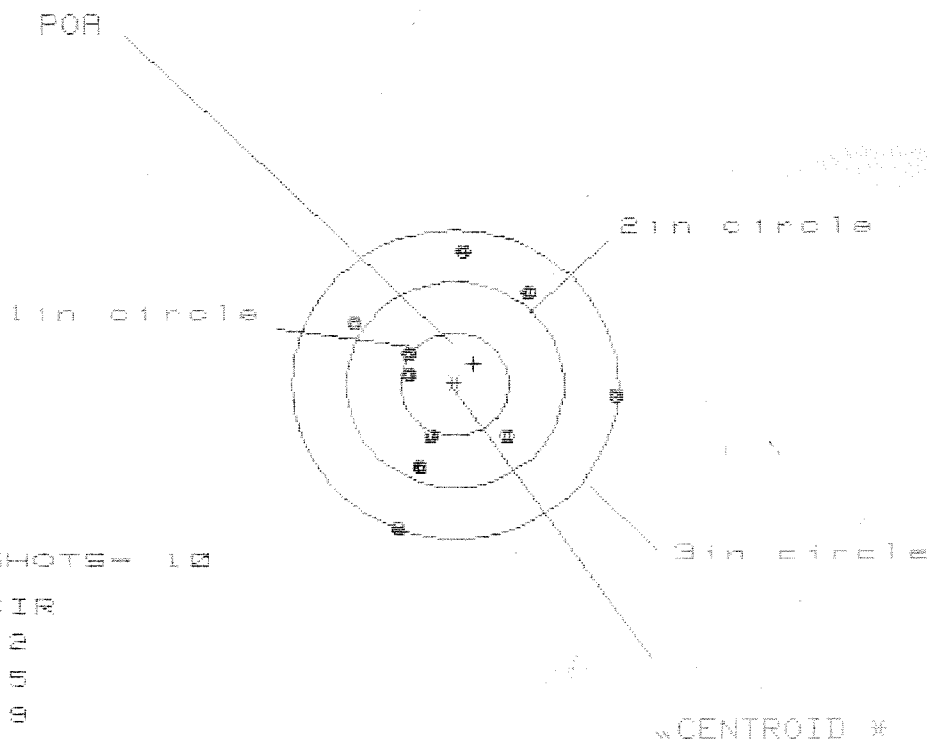
GS= 2.950

PATTERN #	:	2		
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/C6B11585

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.424

VS= 2.741

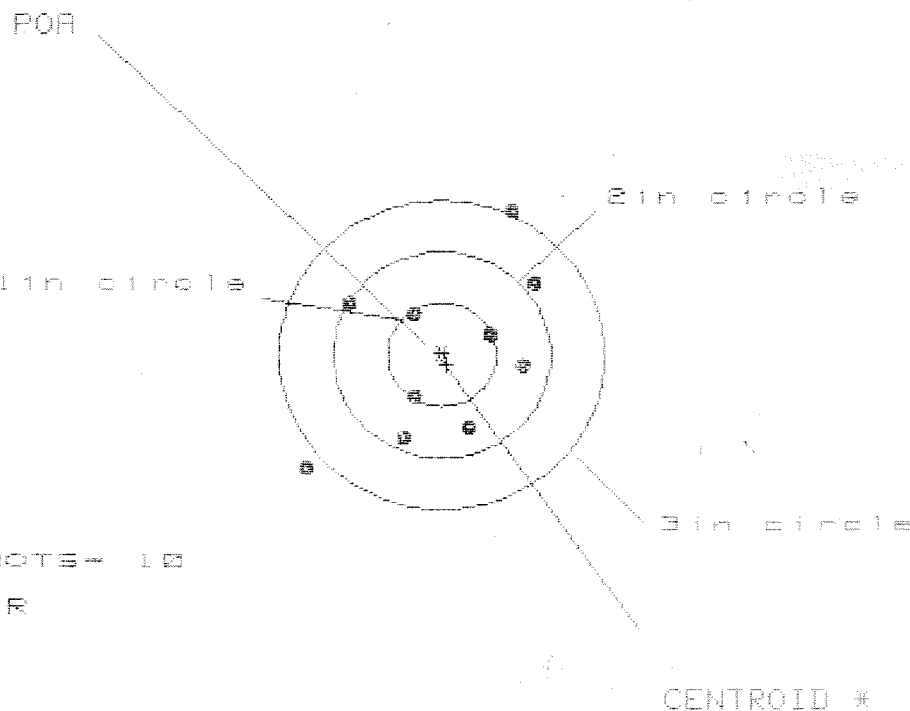
GS= 2.865

PATTERN #	:	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

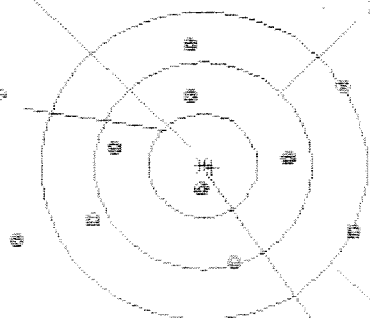
CENTERFIRE PATTERNS # 5

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 #	:	5		
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	

Serial Number: *E6413549 New*
~~C6611565~~
Model: 700

RE00066082

INITIAL & CYCLE TESTS

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, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2
PULL #2	2.52	2.50		2.54	
PULL #3	2.50	2.48		2.53	
PULL #4	2.47	2.35		2.50	
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

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

SERIAL # E6043549 INSPECTED BY: RTL

DATE REC'D: 6-2-03 DATE 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	SB
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

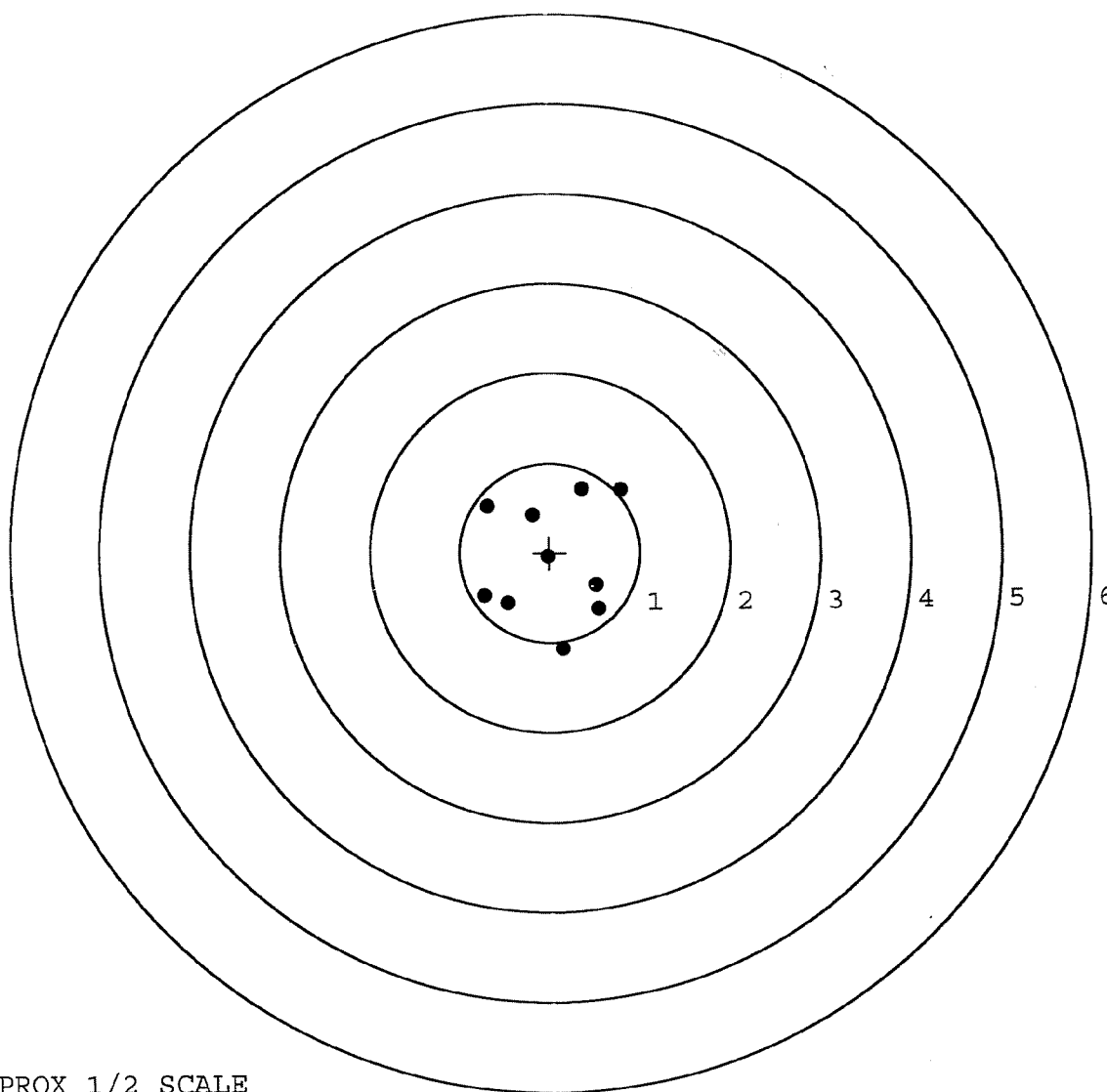
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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

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

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

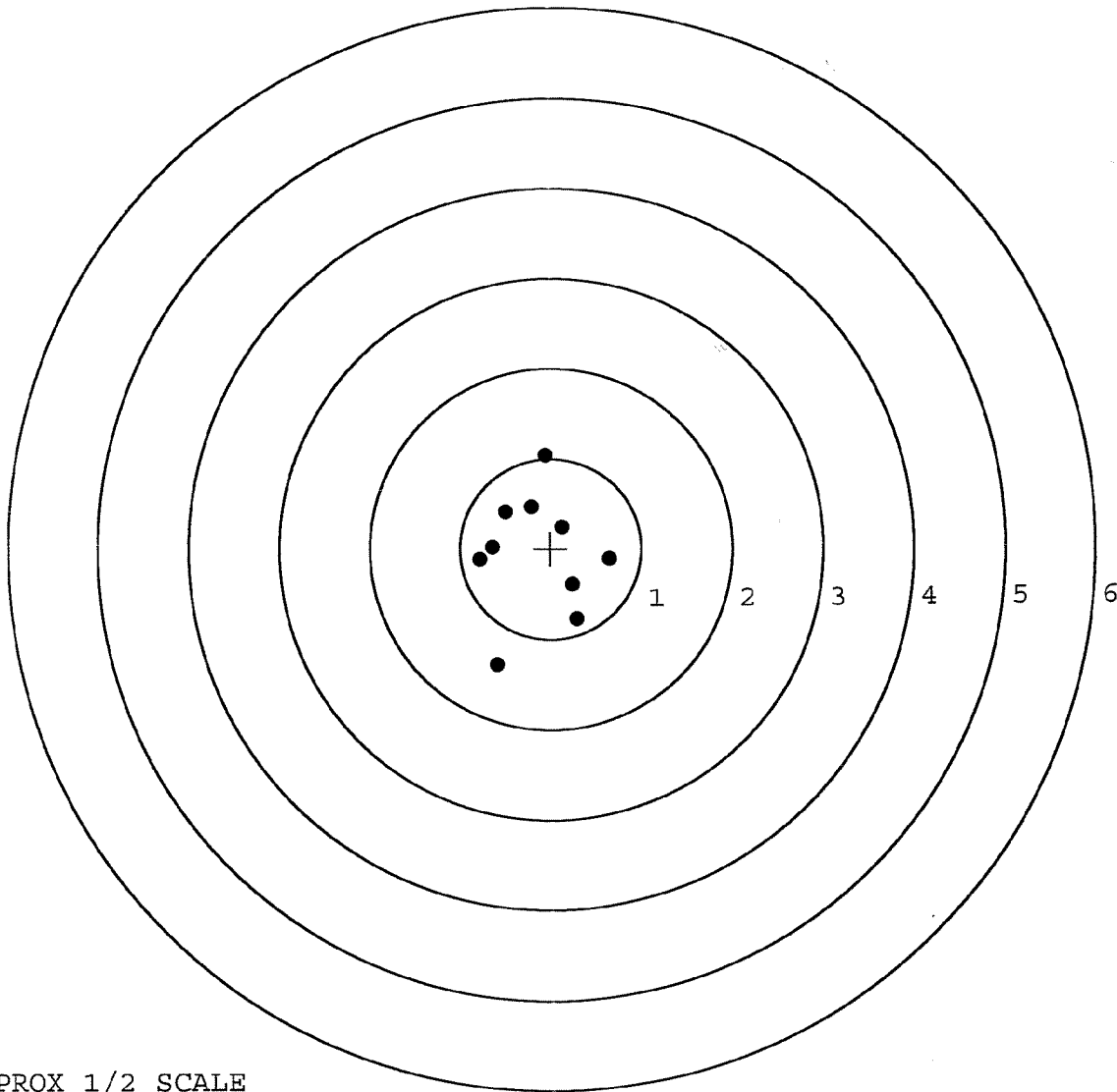


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413549. __0
TARGET NUMBER: 2
FILE DATE: 06/25/2003
FILE TIME: 07:55

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

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

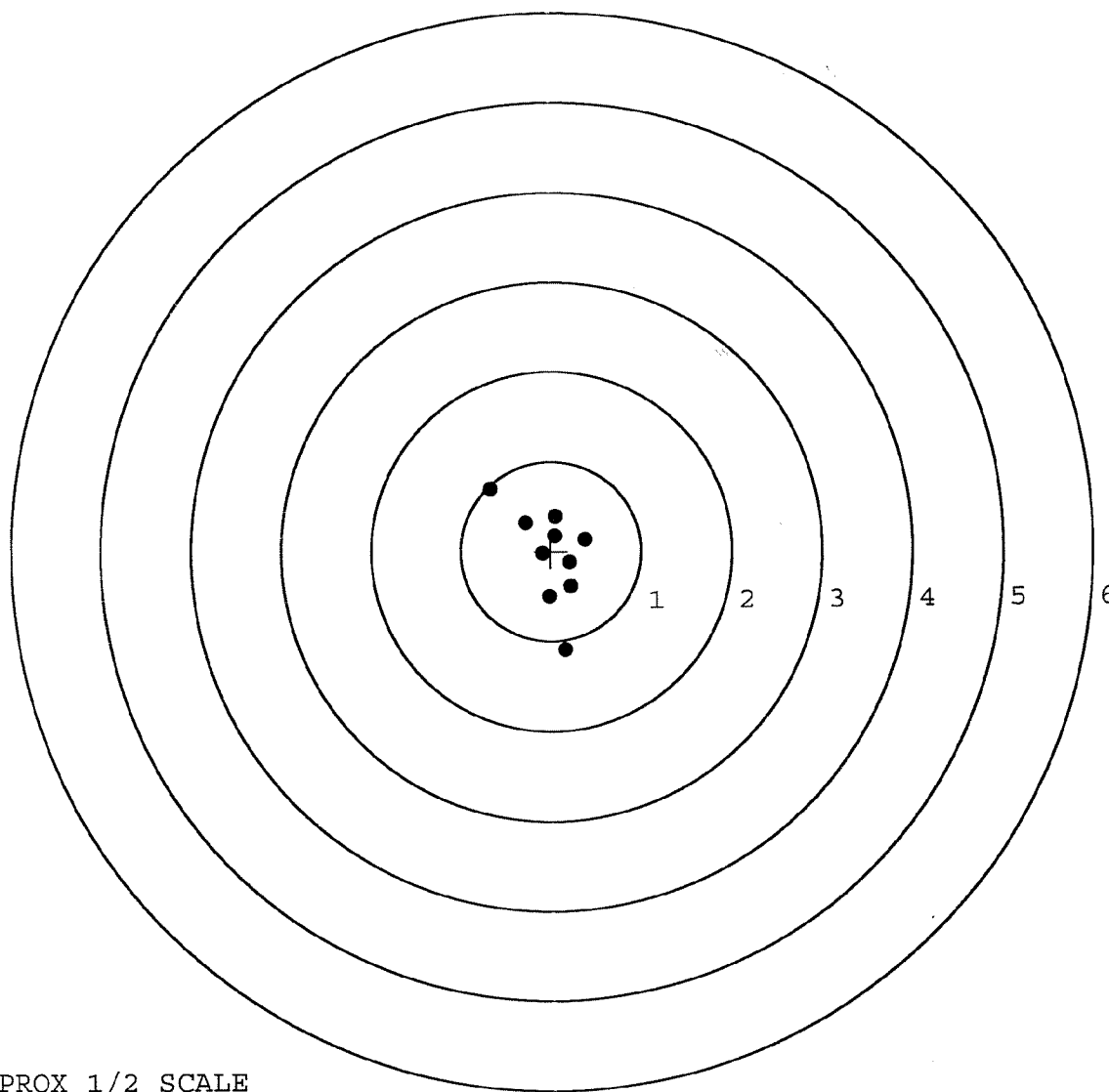


TARGET APPROX 1/2 SCALE

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

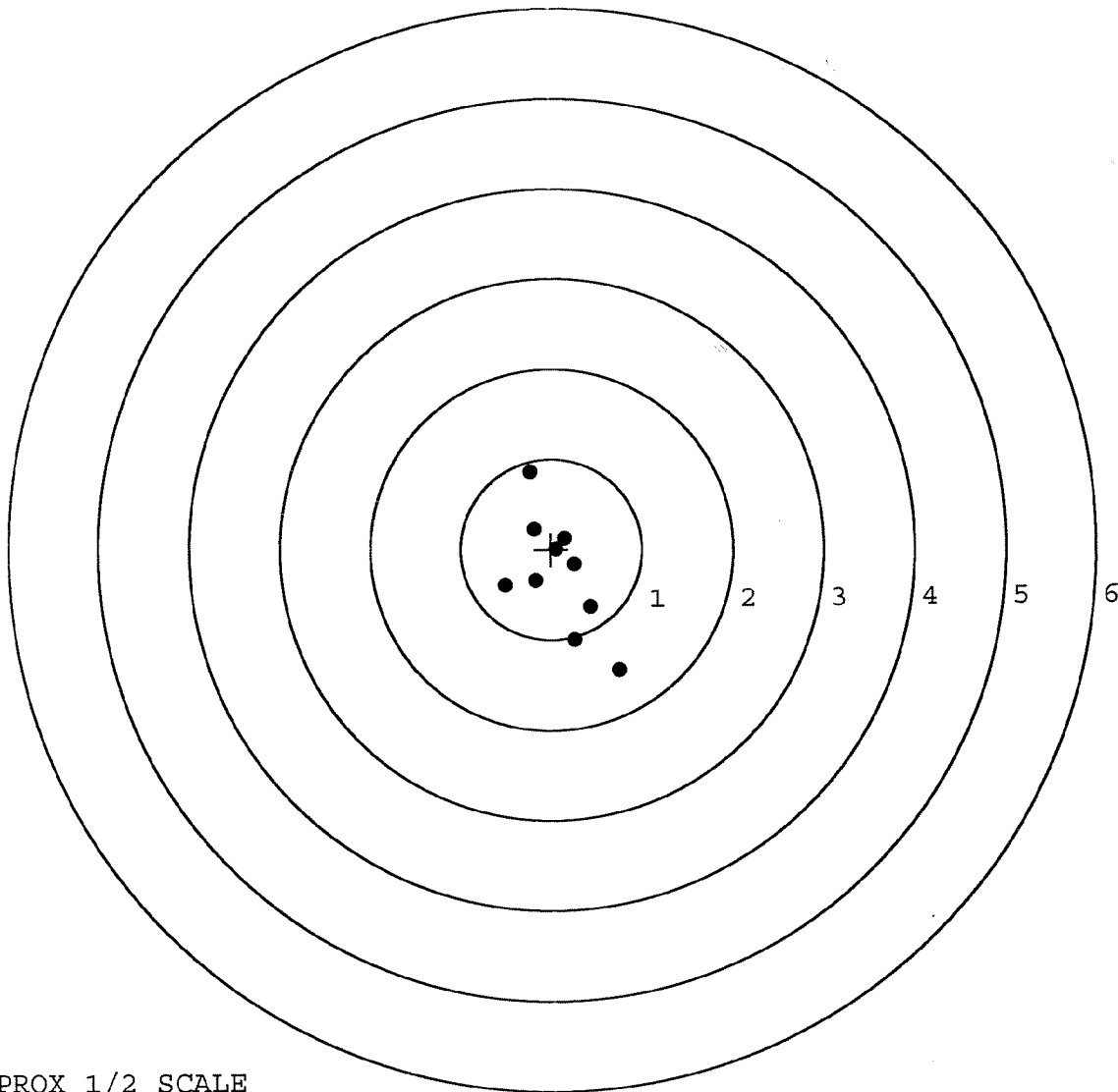


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413549. __0
TARGET NUMBER: 4
FILE DATE: 06/25/2003
FILE TIME: 07:55

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

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



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

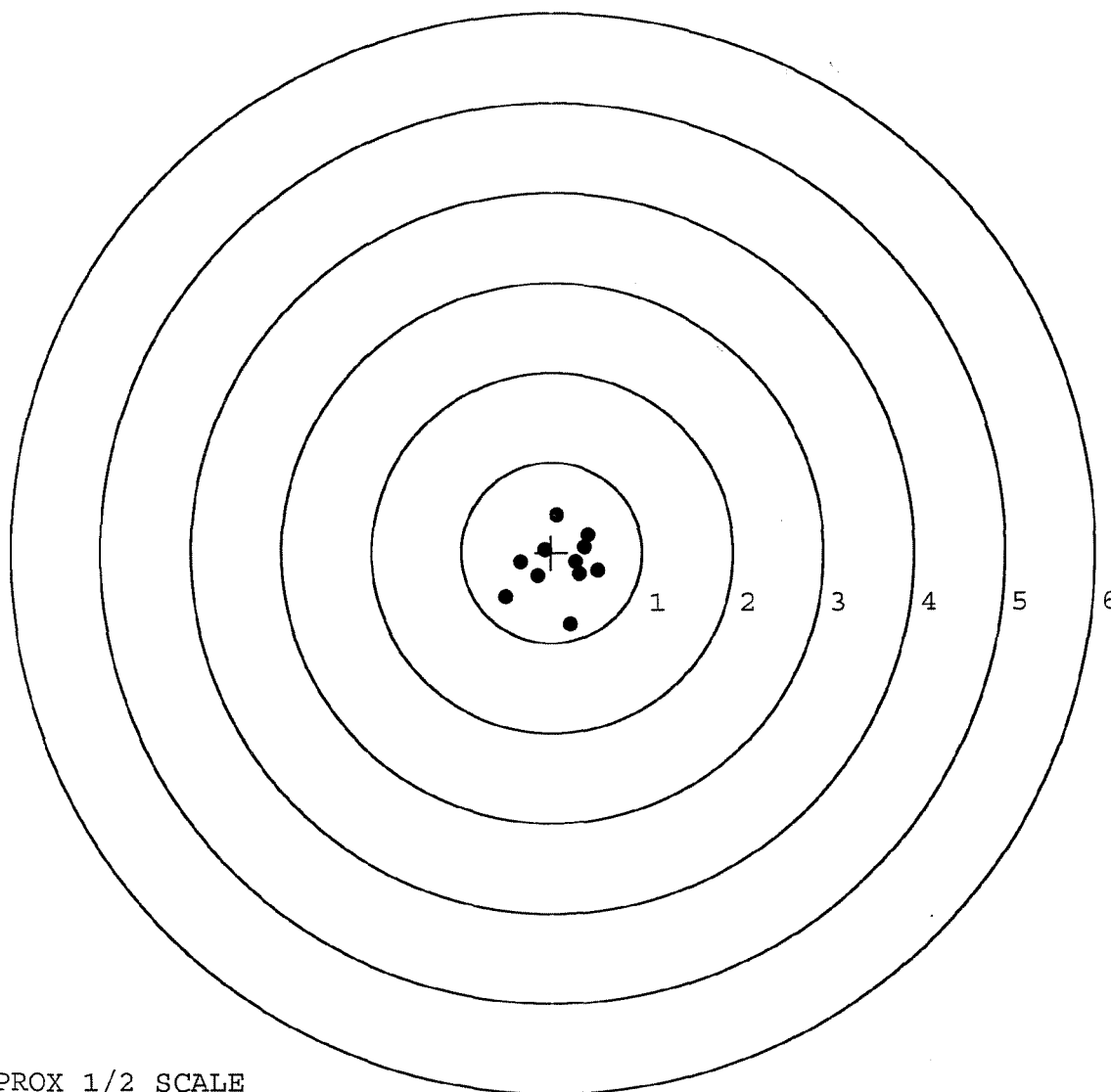
MAX RADIUS: 0.702

MEAN RADIUS: 0.412

IN 1 IN DIAMETER: 8

IN 2 IN DIAMETER: 11

in 3 IN DIAMETER: 11



TARGET APPROX 1/2 SCALE