

G 659 0052
Replace
G 641 4370

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: RE00131266

Serial: G6414370 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

Closed 7/11/2007 1:40:15 PM

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	Frt and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

7/12/2007

8:01 AM

CAPS

NUM

INS

SCRL

start

5 Micros...

4 Intern...

5 Micros...

2 SAP L...

Arms Ser...

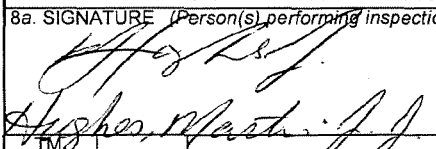
8:01 AM

G6590052 (New)
~~G6414370~~
Model: M24 SWS
RE00131266

New Bi Pod

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION C. Co. 2/29 INF (Sniper School)				2. NOMENCLATURE AND MODEL M-24 SWS			
3. REGISTRATION/SERIAL/NSN G6414370/910103		4a. MILES	b. HOURS	c. ROUNDS FIRED 3200	d. HOT STARTS	5. DATE 20 JUN 07	6. TYPE INSPECTION PMCS
7. APPLICABLE REFERENCE							
TM NUMBER 9-1005-306-10		TM DATE 13 June 2003		TM NUMBER		TM DATE	
COLUMN a - Enter TM item number. COLUMN b - Enter the applicable condition status symbol. COLUMN c - Enter deficiencies and shortcomings.				COLUMN d - Show corrective action for deficiency or shortcoming listed in Column c. COLUMN e - Individual ascertaining completed corrective action initial in this column.			
STATUS SYMBOLS							
"X" - Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X" - Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH "(-)" - Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.				DIAGONAL "(/)" - Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists. FOR AIRCRAFT - Status symbols will be recorded in red.			
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.							
8a. SIGNATURE (Person(s) performing inspection)		8b. TIME		9a. SIGNATURE (Maintenance Supervisor)		9b. TIME	
 Hughes, Mark J.		0945					
10. MANHOURS REQUIRED							
ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c		CORRECTIVE ACTION d		INITIAL WHEN CORRECTED e	
1	/	Bolt Release button sticks.					
2	/	Stock rear swivel screw is stripped					
2	/	Front and rear swivel and swivel screws are missing					
2	X	Front and Rear guard screws are stripped.					
2	X	Bipod leg is broke.					
3	X	Barrel needs repolishing, scuffed.					
3	/	Locking lugs are sticking when engaging the bolt.					
8	X	Front and rear scope mounts are missing.					
8	/	All 3 day optic sight adj. dial dust covers are missing.					
8	/	Front and rear day optic sight dust covers are missing.					

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590052.__0

FILE DATE AND TIME: 08/20/2007 14:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.031
The Average Y Centroid of the Five Target Set:	-0.080
The Average Point of Impact of the Five Target Set:	0.086
The Average Mean Radius of the Five Target Set:	0.725
The Distance from POA to Centroid Target #1:	0.368
The Distance from Centroid Target #2 to Centroid Target #1:	0.497
The Distance from Centroid Target #3 to Centroid Target #1:	0.428
The Distance from Centroid Target #4 to Centroid Target #1:	0.354
The Distance from Centroid Target #5 to Centroid Target #1:	0.206

SERIAL NUMBER: G6590052. __0

TARGET NUMBER: 1

FILE DATE: 08/20/2007

FILE TIME: 14:04

X CENTROID: 0.024

Y CENTROID: -0.367

POA TO CENTROID: 0.368

HORZ SPREAD: 1.265

VERT SPREAD: 2.809

GROUP SPREAD: 2.815

MIN RADIUS: 0.201

MAX RADIUS: 1.738

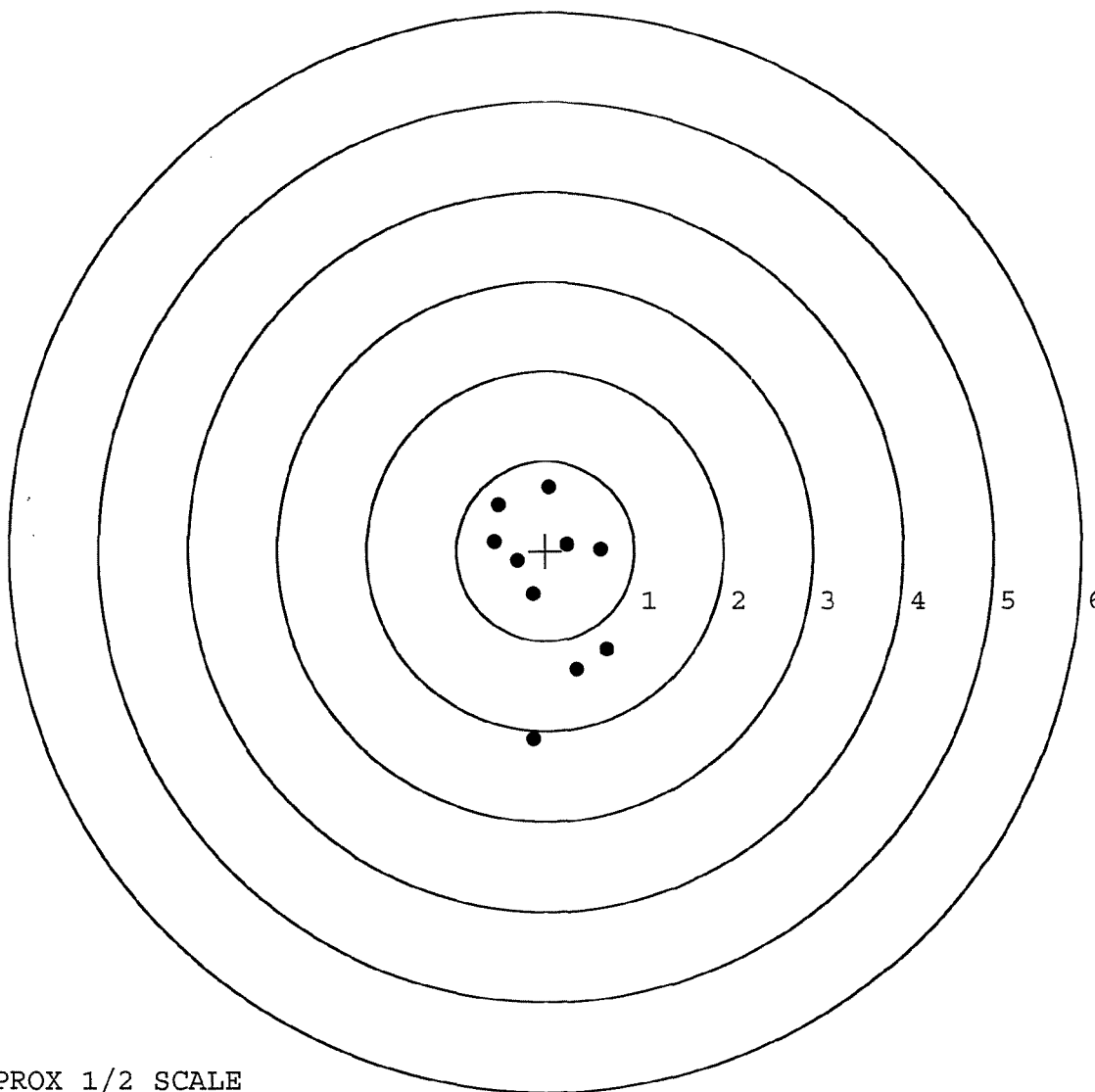
MEAN RADIUS: 0.846

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.688	-1.099
2:	0.353	-1.317
3:	-0.140	-2.097
4:	0.622	0.022
5:	0.244	0.078
6:	0.040	0.712
7:	-0.538	0.520
8:	-0.577	0.104
9:	-0.314	-0.112
10:	-0.141	-0.482



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590052. 0

TARGET NUMBER: 2

FILE DATE: 08/20/2007

FILE TIME: 14:04

POINT#	X	Y
1:	-0.411	-1.078
2:	-0.330	-0.478
3:	-0.532	-0.190
4:	0.462	-0.169
5:	0.451	0.106
6:	0.120	0.649
7:	-0.064	0.674
8:	-0.303	0.694
9:	-0.424	0.487
10:	-0.254	0.361

X CENTROID: -0.128

Y CENTROID: 0.106

POA TO CENTROID: 0.166

HORZ SPREAD: 0.994

VERT SPREAD: 1.772

GROUP SPREAD: 1.807

MIN RADIUS: 0.285

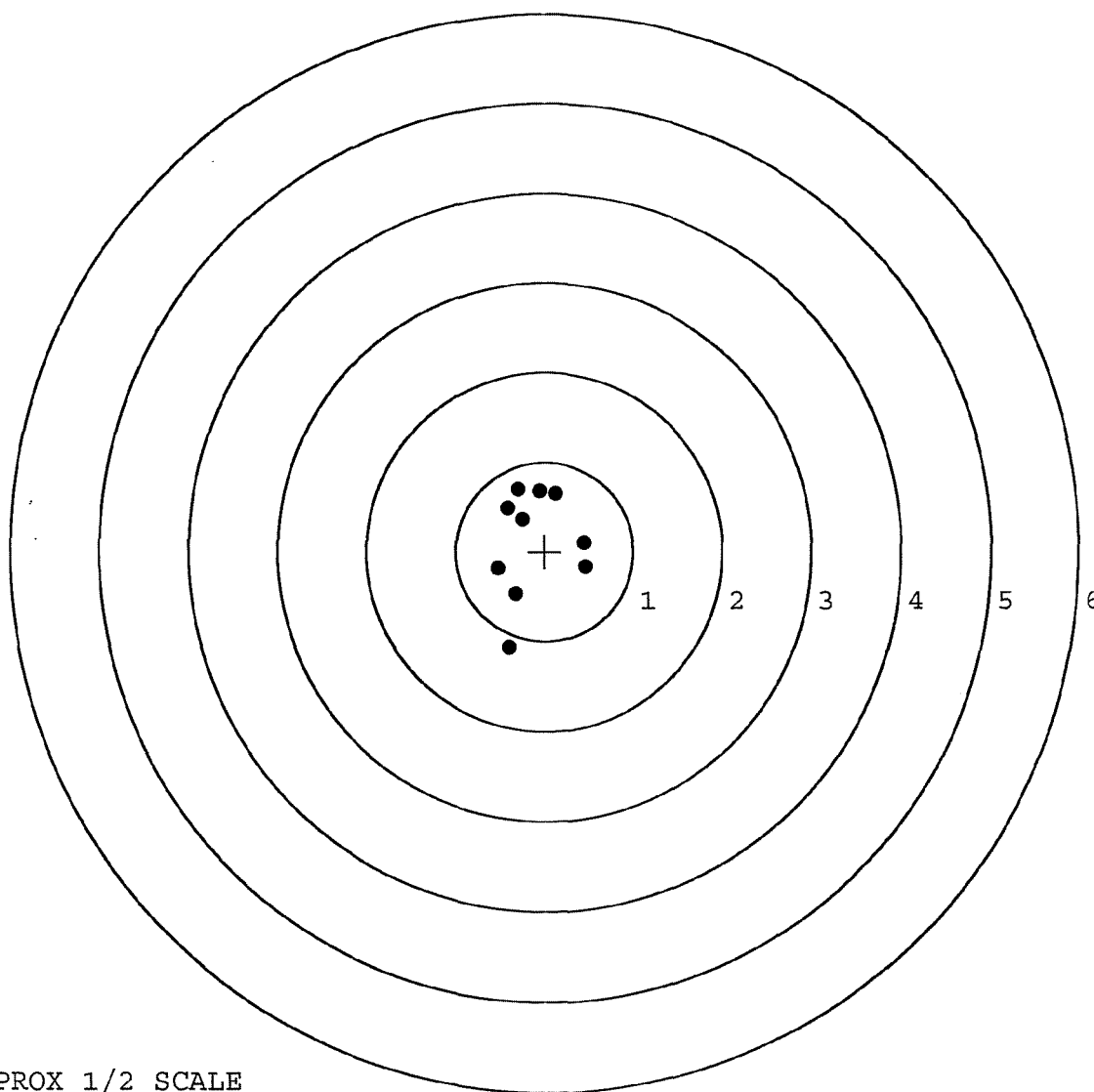
MAX RADIUS: 1.217

MEAN RADIUS: 0.612

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590052. __0

TARGET NUMBER: 3

FILE DATE: 08/20/2007

FILE TIME: 14:04

X CENTROID: 0.146

Y CENTROID: 0.043

POA TO CENTROID: 0.152

HORZ SPREAD: 1.694

VERT SPREAD: 1.447

GROUP SPREAD: 1.689

MIN RADIUS: 0.216

MAX RADIUS: 1.093

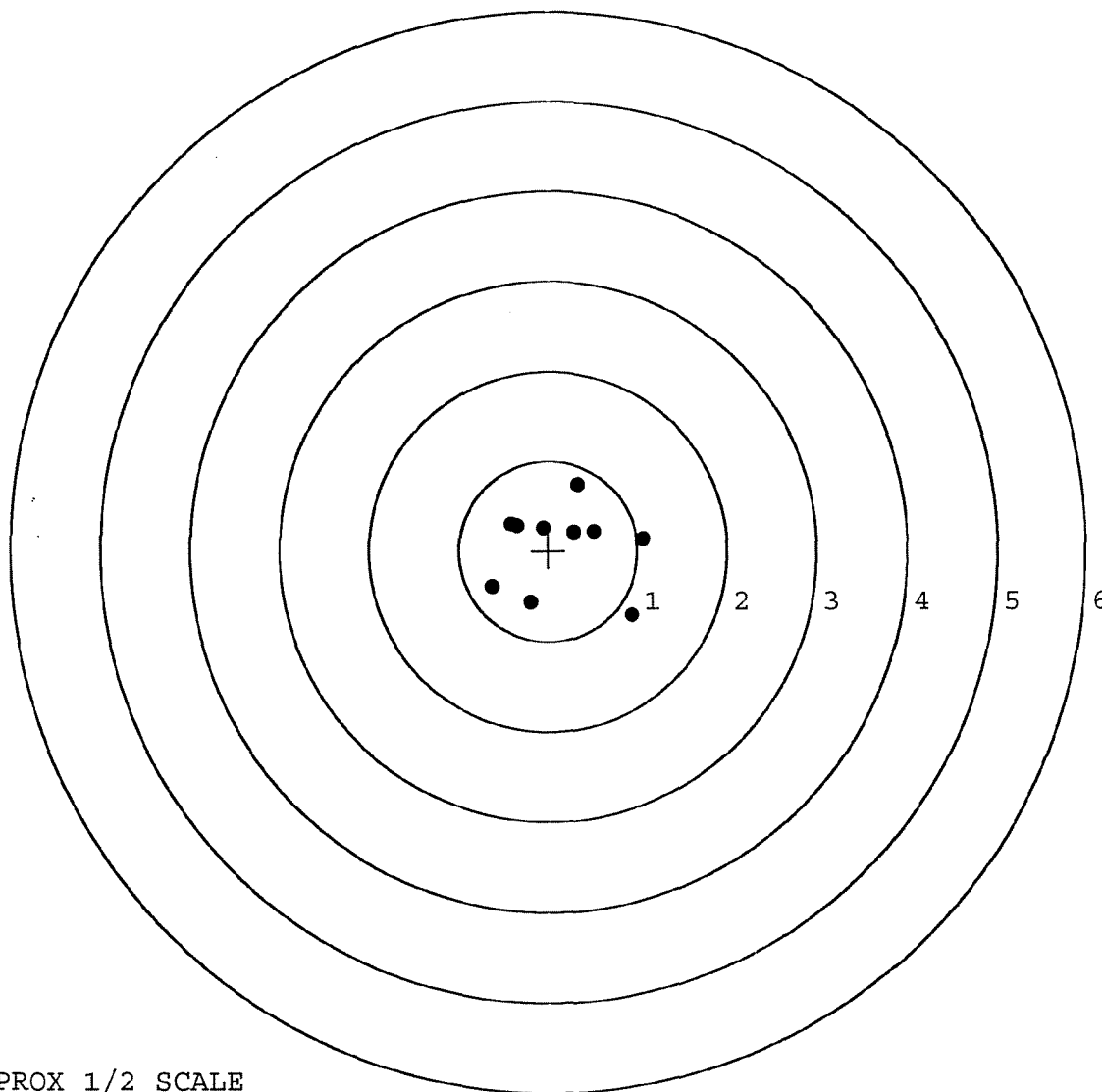
MEAN RADIUS: 0.640

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.934	-0.713
2:	1.066	0.131
3:	0.328	0.734
4:	0.507	0.215
5:	0.284	0.209
6:	-0.056	0.251
7:	-0.422	0.294
8:	-0.202	-0.567
9:	-0.628	-0.400
10:	-0.355	0.279



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590052. __0

TARGET NUMBER: 4

FILE DATE: 08/20/2007

FILE TIME: 14:04

X CENTROID: 0.042

Y CENTROID: -0.014

POA TO CENTROID: 0.045

HORZ SPREAD: 2.443

VERT SPREAD: 2.141

GROUP SPREAD: 2.460

MIN RADIUS: 0.499

MAX RADIUS: 1.481

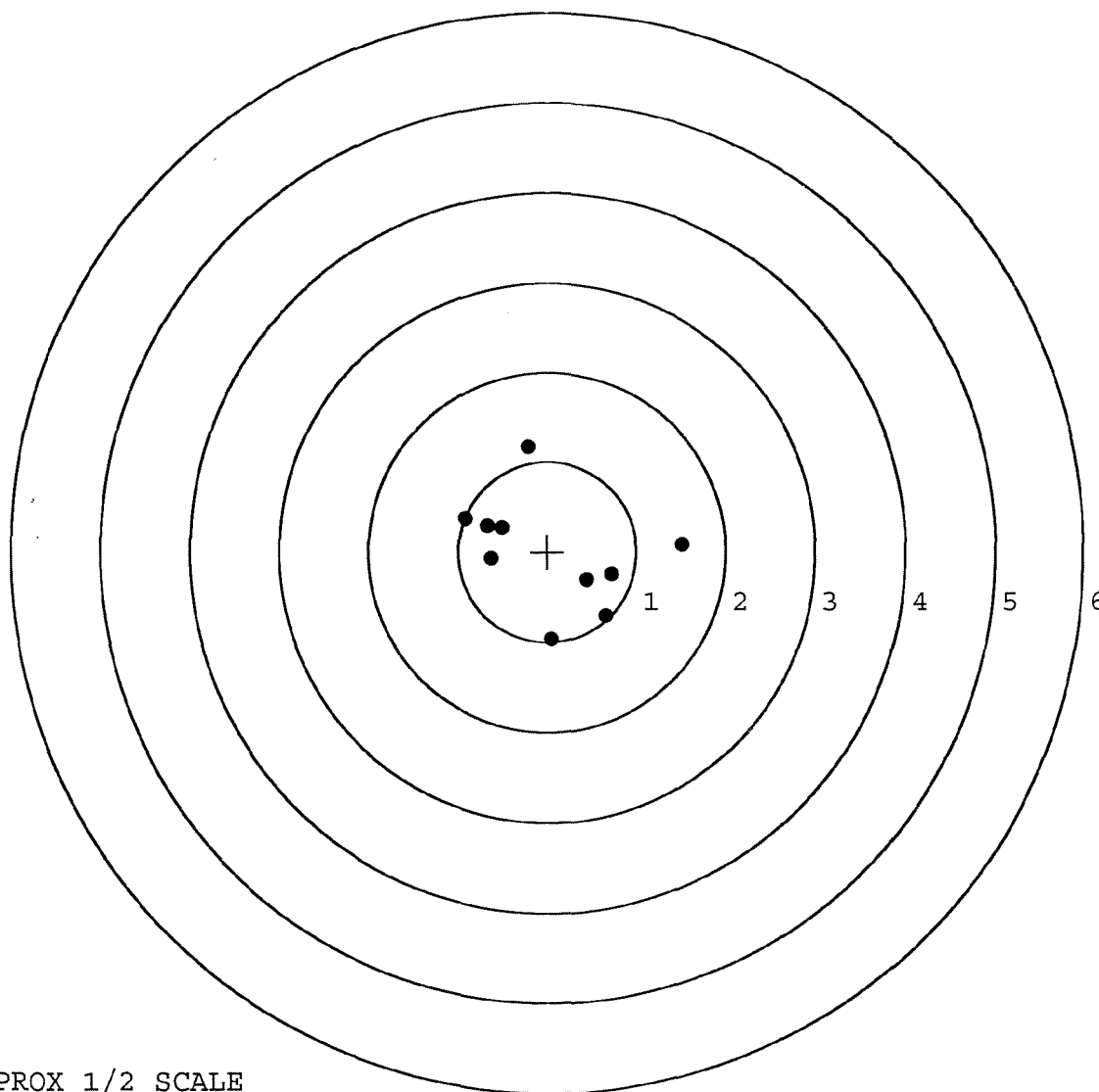
MEAN RADIUS: 0.892

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.520	0.082
2:	-0.215	1.165
3:	0.725	-0.250
4:	0.443	-0.311
5:	0.656	-0.710
6:	0.041	-0.976
7:	-0.630	-0.074
8:	-0.515	0.273
9:	-0.923	0.372
10:	-0.679	0.290



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590052. __0

TARGET NUMBER: 5

FILE DATE: 08/20/2007

FILE TIME: 14:04

POINT#	X	Y
1:	1.380	-0.570
2:	-0.013	-0.876
3:	-0.131	-0.505
4:	-0.966	-0.867
5:	0.330	0.030
6:	0.245	0.505
7:	0.258	0.295
8:	0.078	0.102
9:	-0.120	0.087
10:	-0.323	0.128

X CENTROID: 0.074

Y CENTROID: -0.167

POA TO CENTROID: 0.183

HORZ SPREAD: 2.346

VERT SPREAD: 1.381

GROUP SPREAD: 2.365

MIN RADIUS: 0.269

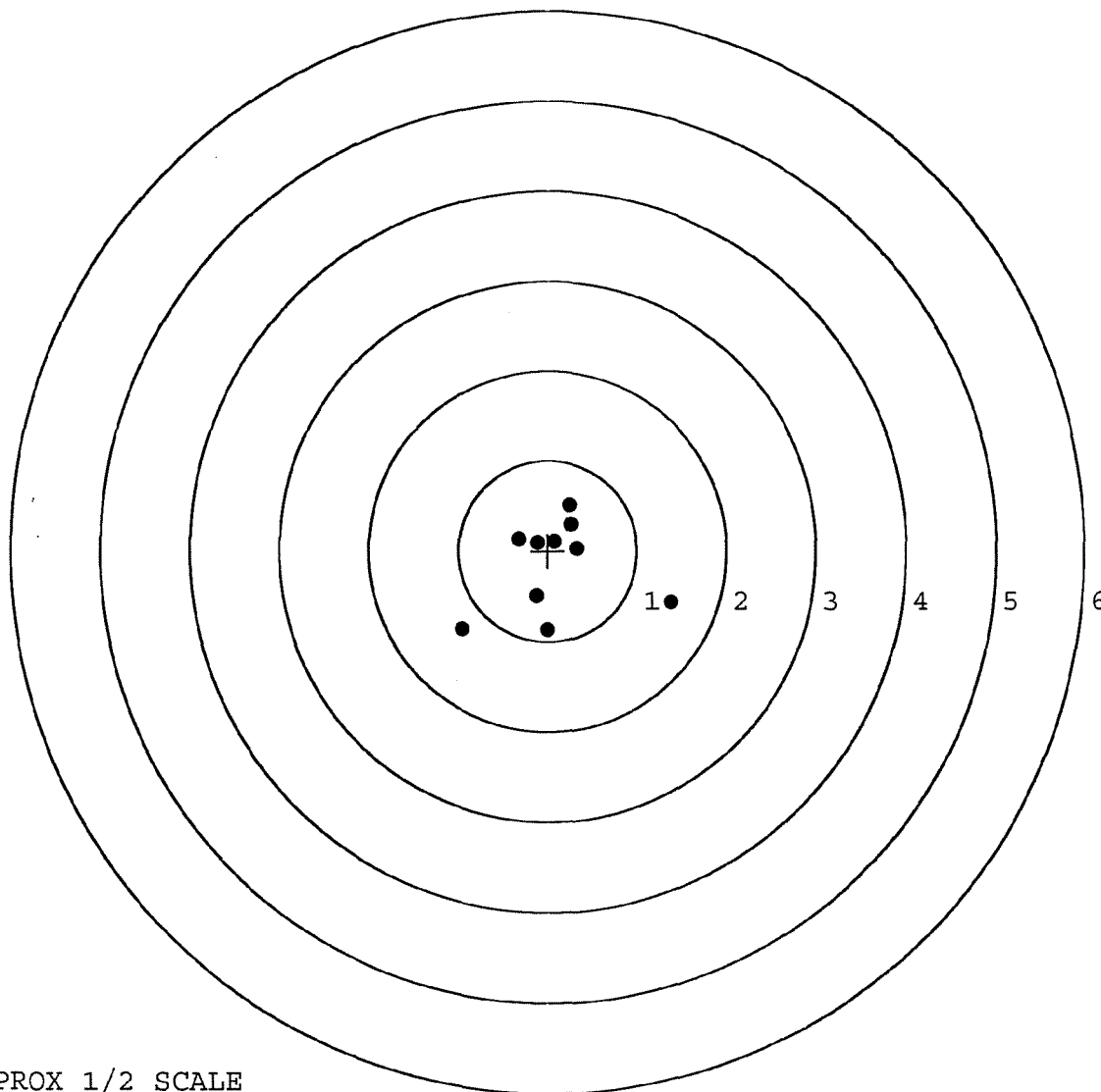
MAX RADIUS: 1.367

MEAN RADIUS: 0.633

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER 131 266SERIAL NUMBER 664437066590052 (New)LOG-IN DATE 7-11-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-6-07	RTZ
505	RE-BARREL	8-9-07	RTZ
560	ASSEMBLE	8-9-07	RTZ
600	PROOF	8-9-07	mm
605	CHECK HEADSPACE	8-9-07	mm
610	DIS-ASSEMBLE GUN	8-9-07	SD
612	MAGNAFLUX	8-14-07	NRB
510	DRILL AND TAP	8-10-07	TRW
615	ROLLMARK CALIBER	8-10-07	CW
618	ROTO-BLAST	8-14-07	UJ
620	APPLY COATINGS	8/16/07	FB
625	FINAL ASSEMBLY	8-20-07	RTZ
640	FUNCTION TEST AND	PASS FAIL 8-20-07	TRW
650	TARGET	PASS FAIL 8-20-07	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	8-20-07	WR
	A) HEADSPACE	PASS FAIL	WR
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.50 2.23 2.51 2.43 2.36 8-20-07 TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	7.0 7.0 7.0 8-20-07 TRW
	G) SAFETY OFF FORCE	2 LBS	3.0 3.5 3.25 8-20-07 TRW
	I) FIRING PIN INDENT	.020	.021 .0215 .021 8-20-07 TRW
690	PACK		8-21-07 RA

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: **RE00114294** Serial: **G6414370** Model **M24 SWS** Center Fire Repairman: _____
 Verify Repair _____ Caliber: **7.62 NATO** Status: **Closed 7/6/2006 10:11:20 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>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A026</td> <td>Scope</td> <td>1</td> </tr> <tr> <td>A045</td> <td>Bi Pod</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	A017	Scope Base	1	A026	Scope	1	A045	Bi Pod	1	A057	Fit and Rear Sgt Base	1	
Code	Desc	Qty																							
A007	With Stud	3																							
A010	Hard Case	1																							
A017	Scope Base	1																							
A026	Scope	1																							
A045	Bi Pod	1																							
A057	Fit and Rear Sgt Base	1																							

Repair Search | Refresh | Close

naglej 7/6/2006 11:37 AM CAPS NUM INS SCRL

Handwritten signature

Serial Number: **G6414370**

Model: **M24 SWS**



RE00114294

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414370.__1
FILE DATE AND TIME: 07/17/2006 08:25

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.020
The Average Y Centroid of the Five Target Set:	-0.095
The Average Point of Impact of the Five Target Set:	0.097
The Average Mean Radius of the Five Target Set:	0.823
The Distance from POA to Centroid Target #1:	0.281
The Distance from Centroid Target #2 to Centroid Target #1:	0.310
The Distance from Centroid Target #3 to Centroid Target #1:	0.260
The Distance from Centroid Target #4 to Centroid Target #1:	0.291
The Distance from Centroid Target #5 to Centroid Target #1:	0.434

SERIAL NUMBER: G6414370. __1

TARGET NUMBER: 1

FILE DATE: 07/17/2006

FILE TIME: 08:25

X CENTROID: 0.254

Y CENTROID: -0.121

POA TO CENTROID: 0.281

HORZ SPREAD: 2.757

VERT SPREAD: 1.766

GROUP SPREAD: 3.109

MIN RADIUS: 0.638

MAX RADIUS: 1.793

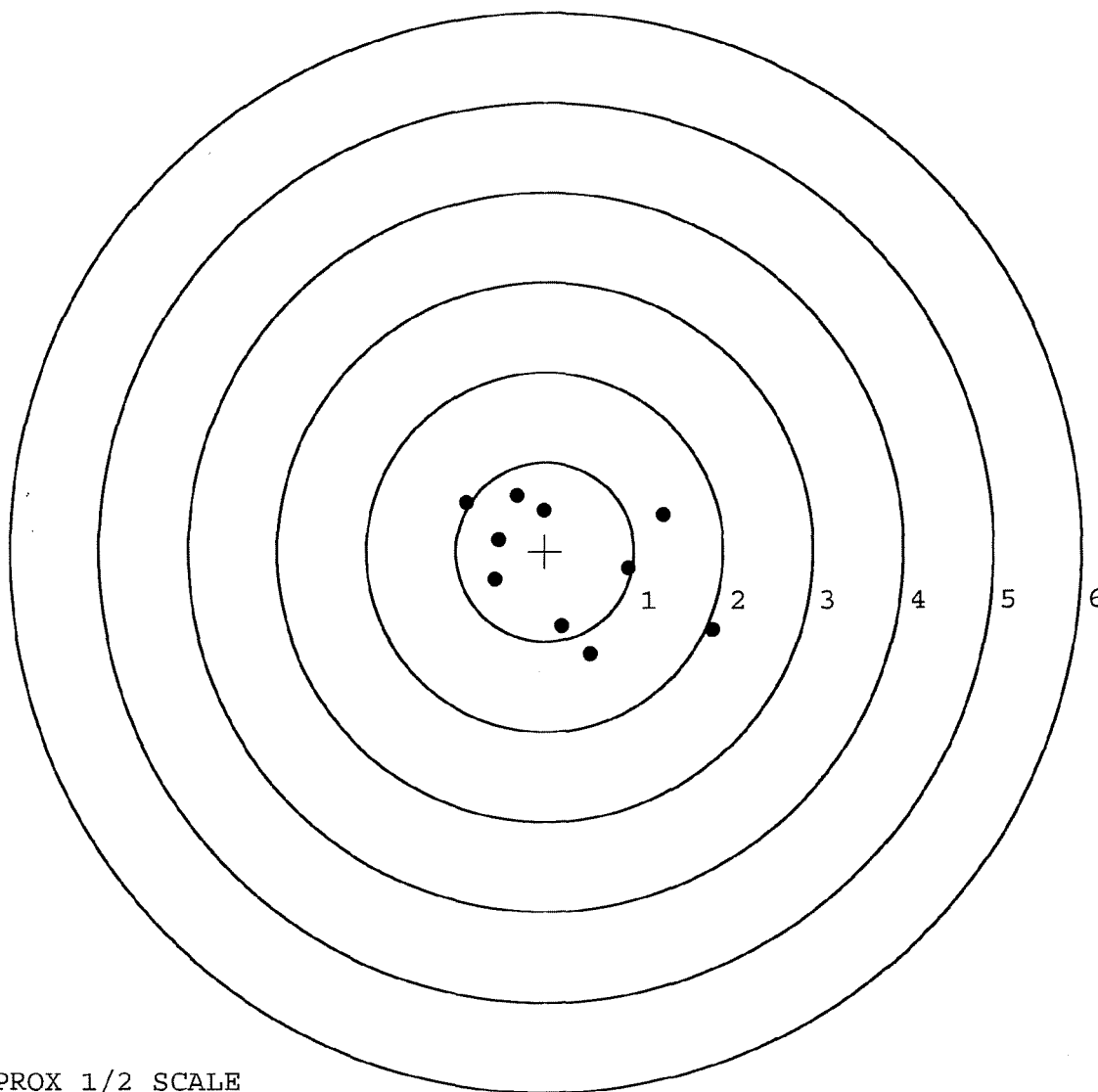
MEAN RADIUS: 0.999

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.333	0.403
2:	0.934	-0.198
3:	0.510	-1.141
4:	0.181	-0.834
5:	-0.564	-0.314
6:	-0.518	0.128
7:	-0.017	0.457
8:	-0.315	0.625
9:	-0.881	0.552
10:	1.876	-0.884



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414370. 1

TARGET NUMBER: 2

FILE DATE: 07/17/2006

FILE TIME: 08:25

X CENTROID: 0.055

Y CENTROID: 0.117

POA TO CENTROID: 0.129

HORZ SPREAD: 3.354

VERT SPREAD: 1.884

GROUP SPREAD: 3.373

MIN RADIUS: 0.598

MAX RADIUS: 1.712

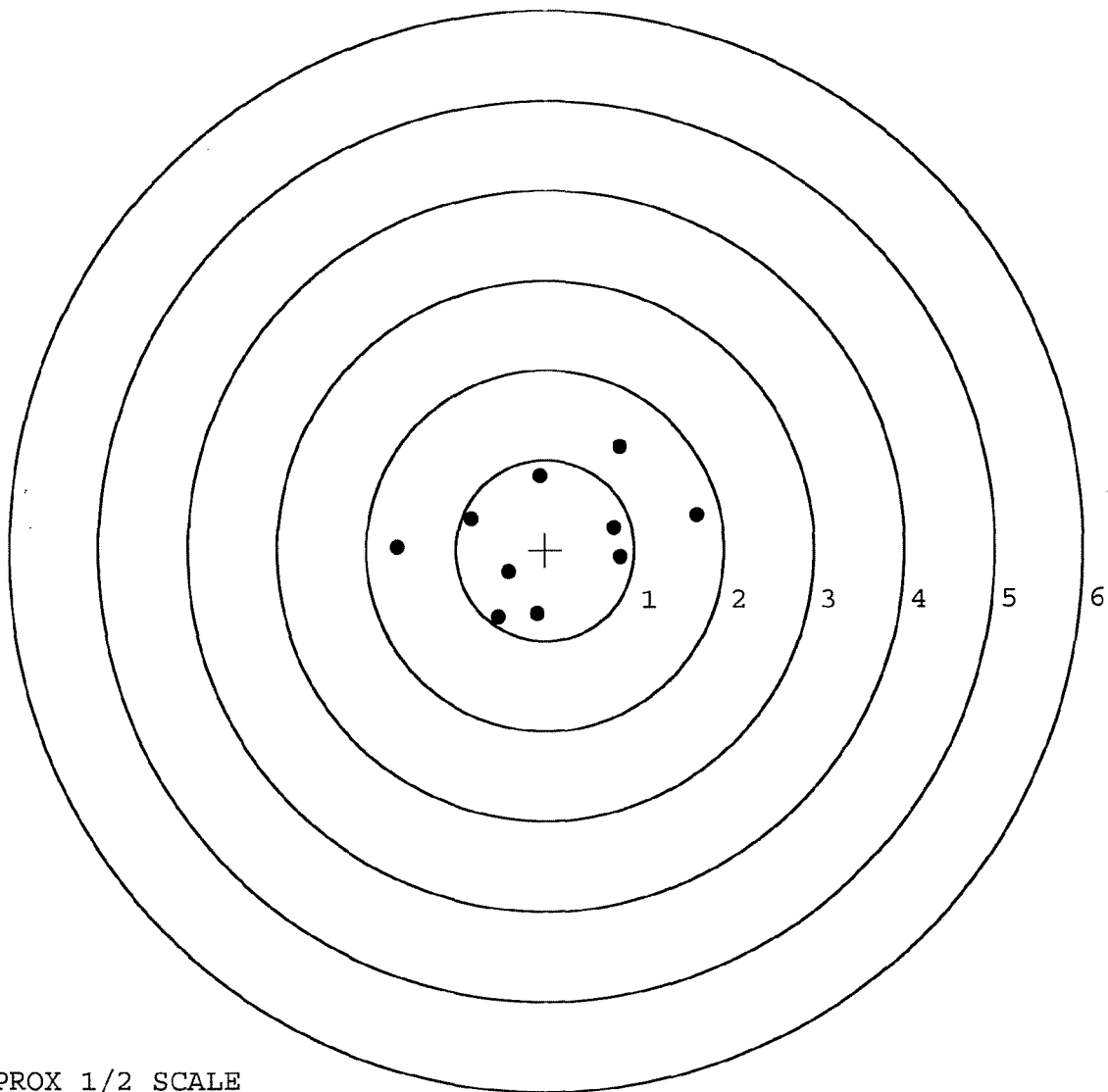
MEAN RADIUS: 1.030

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.699	0.383
2:	0.766	0.240
3:	0.841	-0.081
4:	0.836	1.141
5:	-0.065	0.820
6:	-0.094	-0.707
7:	-0.533	-0.743
8:	-0.416	-0.252
9:	-0.833	0.344
10:	-1.655	0.027



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414370. __1

TARGET NUMBER: 3

FILE DATE: 07/17/2006

FILE TIME: 08:25

X CENTROID: 0.002

Y CENTROID: -0.185

POA TO CENTROID: 0.185

HORZ SPREAD: 1.670

VERT SPREAD: 1.259

GROUP SPREAD: 2.028

MIN RADIUS: 0.234

MAX RADIUS: 1.230

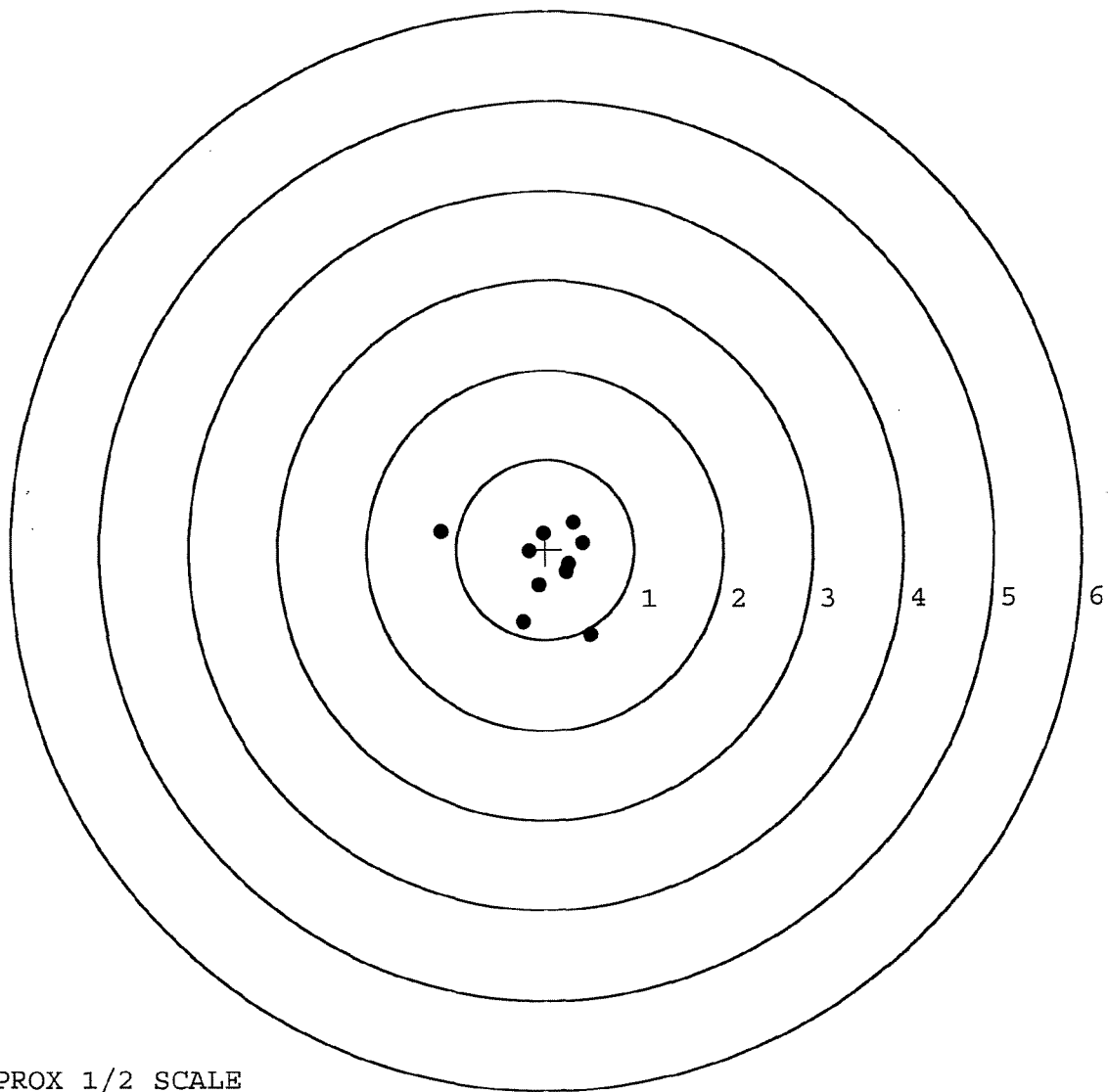
MEAN RADIUS: 0.524

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.503	-0.953
2:	-0.259	-0.807
3:	-1.167	0.197
4:	-0.075	-0.406
5:	-0.181	-0.024
6:	0.234	-0.252
7:	-0.024	0.177
8:	0.262	-0.164
9:	0.422	0.077
10:	0.308	0.306

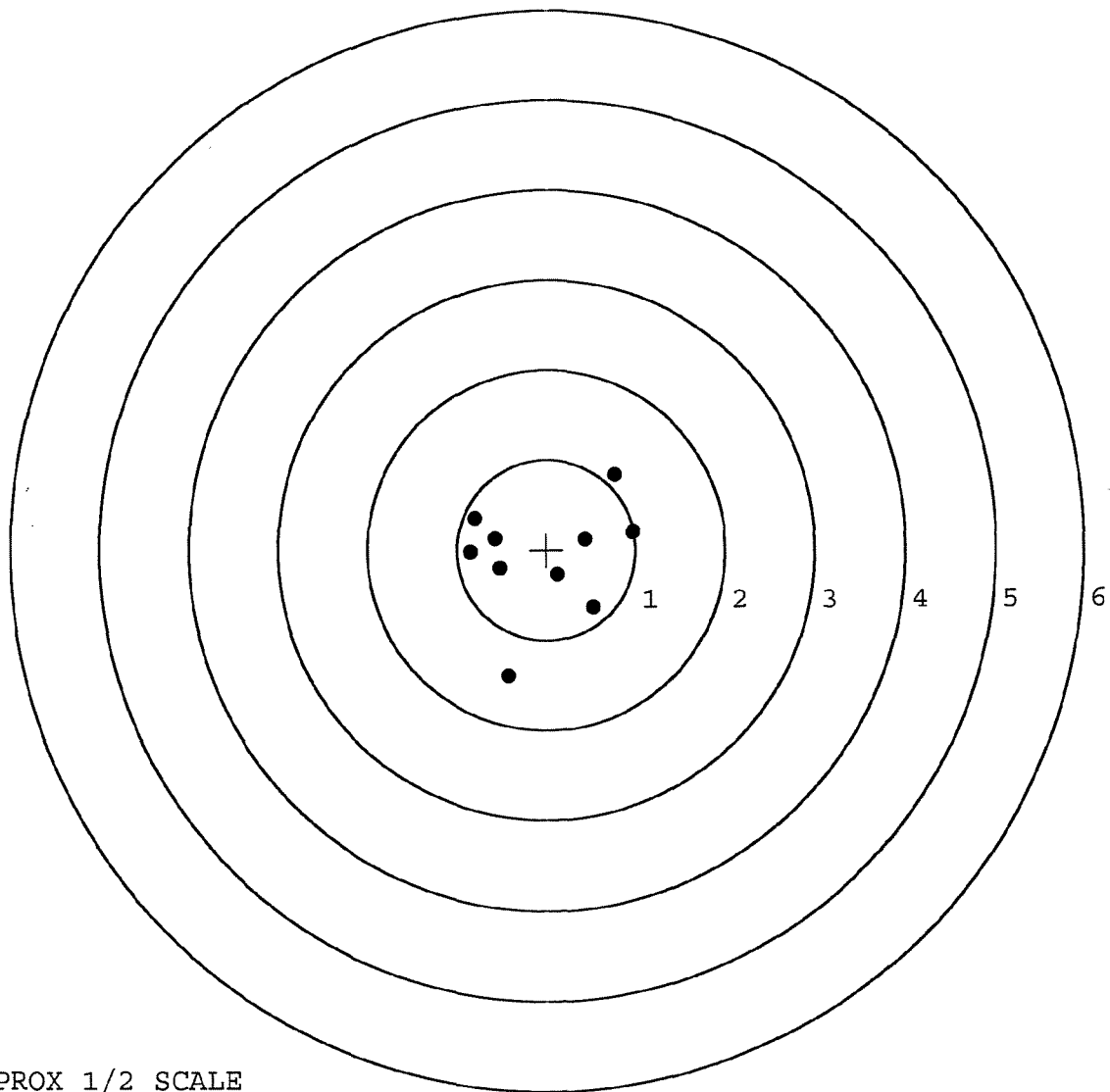


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414370. 1
 TARGET NUMBER: 4
 FILE DATE: 07/17/2006
 FILE TIME: 08:25

X CENTROID: -0.036
 Y CENTROID: -0.091
 POA TO CENTROID: 0.098
 HORZ SPREAD: 1.825
 VERT SPREAD: 2.232
 GROUP SPREAD: 2.530
 MIN RADIUS: 0.245
 MAX RADIUS: 1.367
 MEAN RADIUS: 0.796
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.427	-1.401
2:	0.523	-0.636
3:	0.125	-0.276
4:	0.437	0.120
5:	0.972	0.197
6:	0.764	0.831
7:	-0.521	-0.202
8:	-0.853	-0.023
9:	-0.804	0.347
10:	-0.575	0.129



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414370. __1

TARGET NUMBER: 5

FILE DATE: 07/17/2006

FILE TIME: 08:25

POINT#	X	Y
1:	-0.189	-1.374
2:	-1.272	-0.715
3:	-0.395	0.925
4:	-0.347	0.674
5:	0.312	0.463
6:	0.518	0.052
7:	0.385	-0.465
8:	-0.290	-0.653
9:	-0.097	-0.498
10:	-0.359	-0.366

X CENTROID: -0.173

Y CENTROID: -0.196

POA TO CENTROID: 0.261

HORZ SPREAD: 1.790

VERT SPREAD: 2.299

GROUP SPREAD: 1.974

MIN RADIUS: 0.252

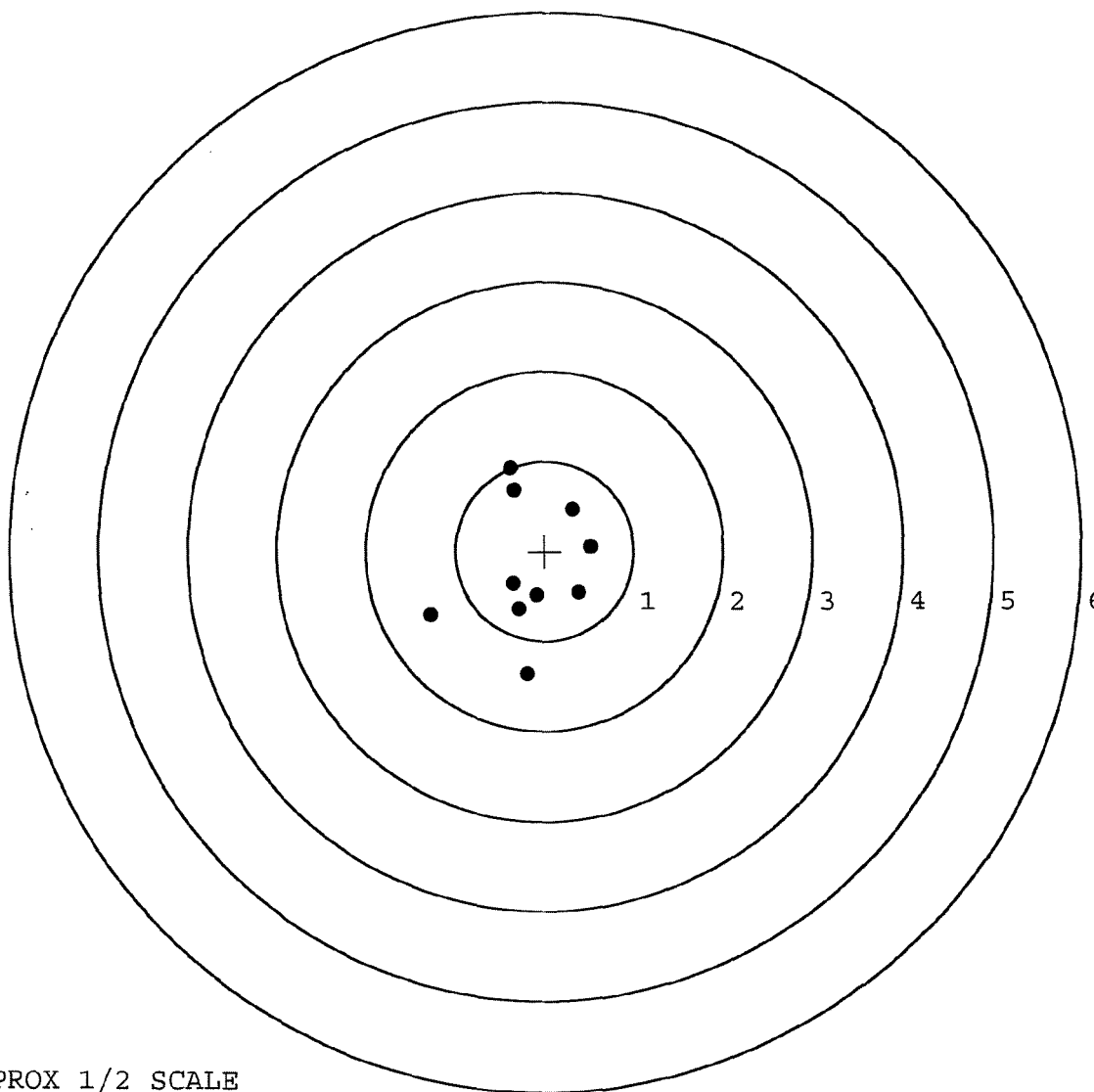
MAX RADIUS: 1.215

MEAN RADIUS: 0.763

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

7-14-06

TESTER

R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.63	2.60		2.42	
PULL #2	2.58	2.45		2.41	
PULL #3	2.56	2.31		2.35	
PULL #4	2.66	2.49		2.41	
PULL #5	2.53	2.50		2.38	
TOTAL	12.96	12.35		11.97	
AVERAGE	2.59	2.47		2.39	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	2.99		
PULL #2	3.17	3.07		
PULL #3	2.76	3.05		
PULL #4	3.20	3.04		
PULL #5	3.23	3.00		
TOTAL	15.42	15.15		
AVERAGE	3.08	3.03		

	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	4.07	3.99		4.20
PULL #2	4.13	4.02		4.24
PULL #3	4.04	3.94		4.17
PULL #4	4.02	3.89		4.20
PULL #5	4.02	3.99		4.24
TOTAL	20.28	19.83		21.05
AVERAGE	4.05	3.96		4.21

INSPECTION CHECKLIST - REPAIRS

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

R & E NUMBER	114294		
SERIAL NUMBER	G60414378		
LOG-IN DATE	7-10-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	7-10-06	RTZ
505	RE-BARREL	7-10-06	RTZ
420	ASSEMBLE	7-10-06	RTZ
440	PROOF	MAGNA - FLUX INSPECTED 7-11-06	TRW
460	CHECK HEADSPACE	7-11-06	TRW
470	DIS-ASSEMBLE GUN	JUL 13 2006 7-11-06	RTZ
480	MAGNAFLUX	OPERATOR <u>APD</u> 7-13-06	APD
510	DRILL AND TAP	7-12-06	TRW
500	ROLLMARK CALIBER	7-12-06	CW
520	GOFF BLAST BBL / REC	7-13-06	CB
530 & 540	APPLY COATINGS	7/13	H/O
560	FINAL ASSEMBLY	7-14-06	RTZ
640	FUNCTION TEST AND	PASS FAIL 7-17-06	TRW
650	TARGET	PASS FAIL 7-17-06	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-17-06	BD
	A) HEADSPACE	PASS FAIL 7-27-06	A
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 2.53 2.63 2.39 2.53 2.52 7-18-06	DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 6.5 7.2 7.2 7-18-06	DA
	G) SAFETY OFF FORCE	2 LBS MIN 3.2 3.2 3.2 7-18-06	DA
	I) FIRING PIN INDENT	.020 .0225 .023 .023 7-18-06	DA
690	PACK	7-20-06	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

RE00100198

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

R & E NUMBER	100198		
SERIAL NUMBER	G6414370		
LOG-IN DATE	8-26-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN		
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		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET		
655	FINAL INSPECT		
660	PACK	9-29-05	DA
	Replace Defective Stock	8-29-05	LR
		SHIP DATE	
	QAR INSPECTION DATE		

W5GUR58

MAINTENANCE REQUEST or use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO <i>1</i>	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1. UIC CUSTOMER <i>24459 P</i>	1b. CUSTOMER UNIT NAME <i>0102-79</i>	1c. PHONE NO <i>575-8526</i>	3a. WORK ORDER NUMBER (WON) <i>W5GUR58</i>	3b. SHOP <i>W</i>	3c. PHONE NO <i>4-2823</i>		
2. SAMS-2 UIC/SAMS-1/TDA	2b. UTILIZATION CODE <i>0</i>	2c. MCSR	4a. UIC SUPPORT UNIT <i>W16C.R10 M</i>	4b. SUPPORT UNIT NAME <i>ITT</i>			
SECTION III - EQUIPMENT DATA							
TYPE MNT REQ CODE <i>1</i>	6. ID <i>A</i>	7. NSN <i>1695010402056</i>	15a. FAILURE DETECTED DURING WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751 <i>D</i>				
MODEL <i>M24</i>	15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751 <i>099</i>		16. MILES/KILOMETERS/HOURS/ROUNDS M <i>NA</i> K <i>✓</i>				
NOUN <i>Singer Rifle</i>	10b. EIC		H <i>✓</i> R <i>✓</i>				
1a. ORG WON/DOC NO	12. QTY <i>1</i>		13. PD <i>0.3</i>	17. PROJECT CODE (if assigned) <i>502</i>	18. ACCOUNT PROCESSING CODE <i>M 9 W M</i>	19. IN WARRANTY (enter Y or N) <i>N</i>	20. ADMIN NO
MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) <i>Repair as Needed</i>				21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N) <i>N</i>			
22. LEVEL OF WORK <i>F</i>				23. SIGNATURE			
DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not describe repairs)							

Butt-stock (B) SN 66414370

1. REMARKS
W/SCOPE SN 890033

POC Sgt Phillips 575-8256

3. TECHNICAL REFERENCES

SECTION IV - TASK REQUIREMENTS DATA								
7a. FILE INPUT CT CD	27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP

SECTION V - PART REQUIREMENTS											
8a. FILE INPUT CT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$
8m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$		28o. TOTAL PARTS COSTS \$						

SECTION VI - COMPLETION DATA				
29. QTY RPR	30. QTY CONDEMN	31. QTY NRTS	32. EVAC WON	33. EVAC UNIT NAME

SECTION VII - ACTION SIGNATURES											
14a. SUBMITTED BY <i>[Signature]</i>		35a. ACCEPTED BY <i>[Signature]</i>		35c. DATE <i>05234</i>		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY	
34b. DATE <i>05234</i>	35b. STATUS <i>A</i>	35d. TIME <i>1436</i>	36b. STATUS <i>-</i>	36c. DATE	36d. TIME	37b. STATUS	37c. DATE	37d. TIME	38b. STATUS	38c. DATE	38d. TIM

IA FORM 2407, JUL 94

NMP COPY 2

6641 4370 New

Serial Number: ~~E6413585~~

Model: M24 SWS



RE00089336

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6414370.___0
FILE DATE AND TIME: 01/03/2005 08:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.095
The Average Y Centroid of the Five Target Set:	-0.012
The Average Point of Impact of the Five Target Set:	0.096
The Average Mean Radius of the Five Target Set:	0.670
The Distance from POA to Centroid Target #1:	0.247
The Distance from Centroid Target #2 to Centroid Target #1:	0.270
The Distance from Centroid Target #3 to Centroid Target #1:	0.261
The Distance from Centroid Target #4 to Centroid Target #1:	0.372
The Distance from Centroid Target #5 to Centroid Target #1:	0.155

SERIAL NUMBER: G6414370. __ 0

TARGET NUMBER: 1

FILE DATE: 01/03/2005

FILE TIME: 08:55

X CENTROID: -0.199

Y CENTROID: 0.146

POA TO CENTROID: 0.247

HORZ SPREAD: 1.822

VERT SPREAD: 1.661

GROUP SPREAD: 1.983

MIN RADIUS: 0.255

MAX RADIUS: 1.196

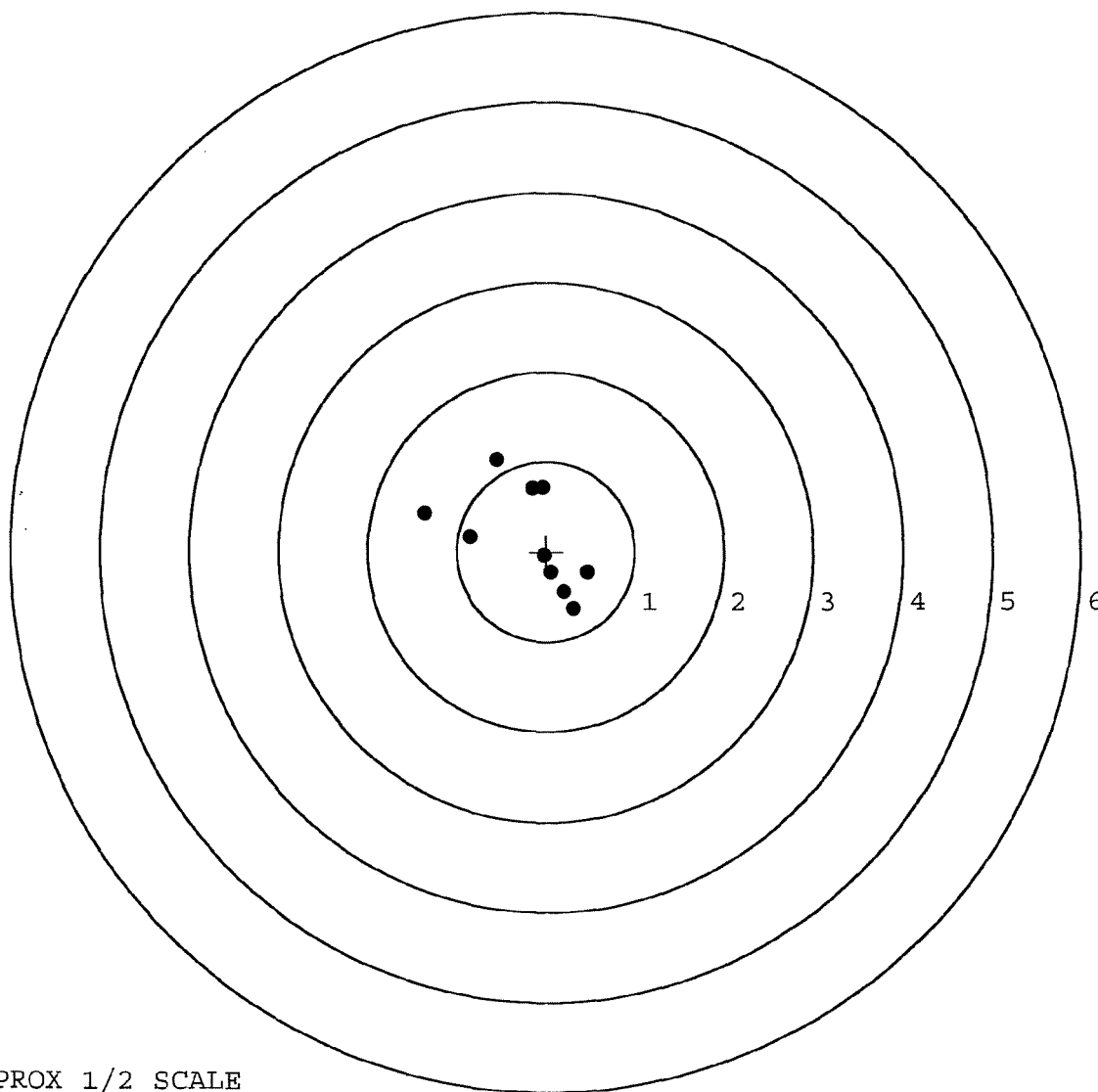
MEAN RADIUS: 0.707

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.041	0.717
2:	-0.159	0.708
3:	-0.564	1.022
4:	-0.851	0.171
5:	-1.360	0.433
6:	-0.027	-0.042
7:	0.462	-0.229
8:	0.308	-0.639
9:	0.196	-0.448
10:	0.049	-0.230



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414370. __0

TARGET NUMBER: 2

FILE DATE: 01/03/2005

FILE TIME: 08:55

POINT#	X	Y
1:	0.863	-0.990
2:	0.656	0.222
3:	0.306	-0.305
4:	-0.303	-0.819
5:	-0.529	-0.238
6:	-0.453	0.263
7:	0.011	0.191
8:	-0.001	0.339
9:	-0.022	0.517
10:	0.031	1.376

X CENTROID: 0.056

Y CENTROID: 0.056

POA TO CENTROID: 0.079

HORZ SPREAD: 1.392

VERT SPREAD: 2.366

GROUP SPREAD: 2.508

MIN RADIUS: 0.143

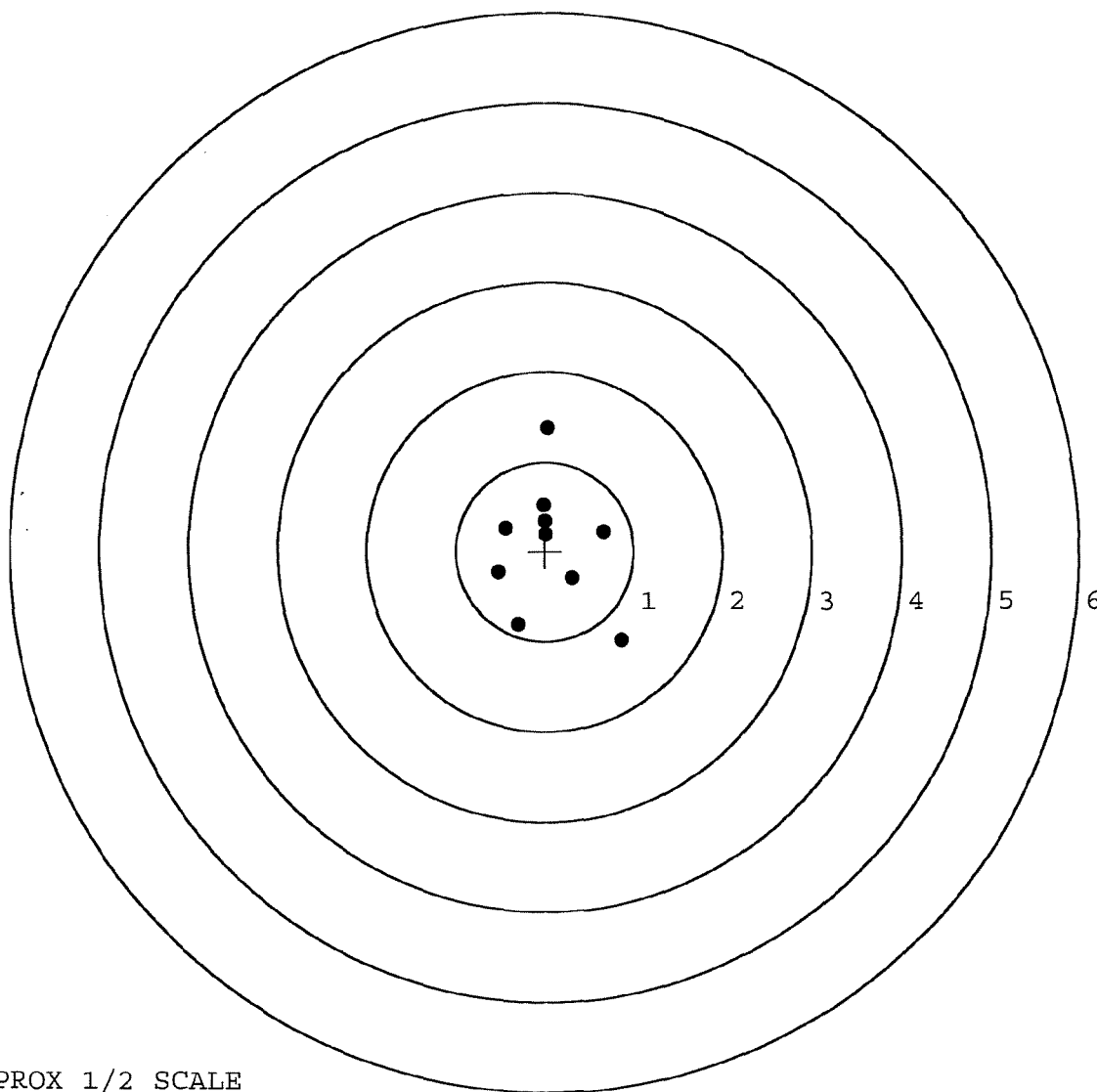
MAX RADIUS: 1.321

MEAN RADIUS: 0.675

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414370. 0

TARGET NUMBER: 3

FILE DATE: 01/03/2005

FILE TIME: 08:55

X CENTROID: -0.137

Y CENTROID: -0.107

POA TO CENTROID: 0.174

HORZ SPREAD: 2.441

VERT SPREAD: 0.821

GROUP SPREAD: 2.442

MIN RADIUS: 0.232

MAX RADIUS: 1.300

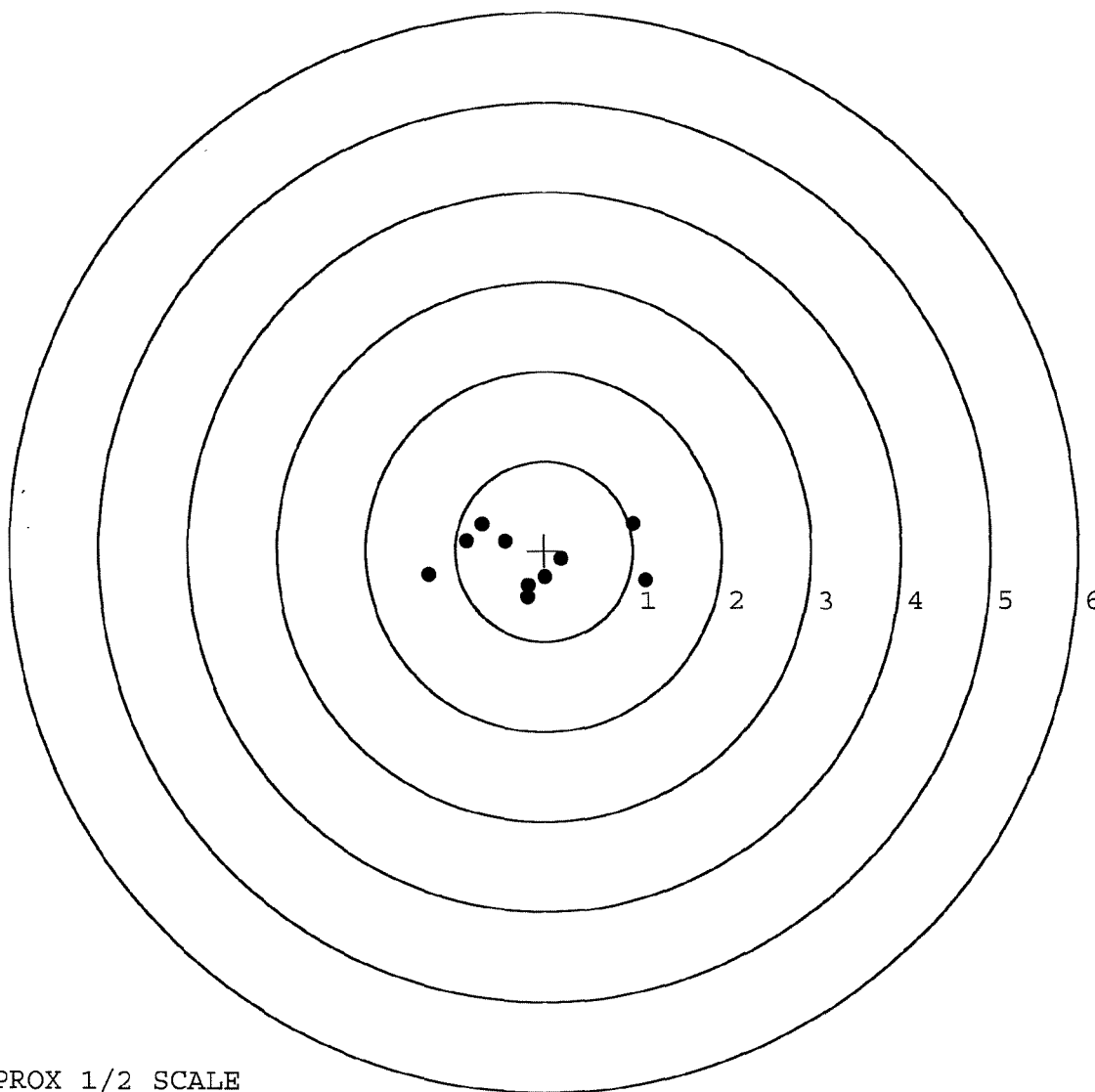
MEAN RADIUS: 0.678

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.144	-0.331
2:	1.002	0.303
3:	0.188	-0.096
4:	-0.001	-0.296
5:	-0.199	-0.518
6:	-0.441	0.111
7:	-0.705	0.299
8:	-0.867	0.110
9:	-1.297	-0.268
10:	-0.191	-0.389



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414370. __0

TARGET NUMBER: 4

FILE DATE: 01/03/2005

FILE TIME: 08:55

X CENTROID: 0.030

Y CENTROID: -0.146

POA TO CENTROID: 0.150

HORZ SPREAD: 1.451

VERT SPREAD: 1.997

GROUP SPREAD: 2.222

MIN RADIUS: 0.295

MAX RADIUS: 1.213

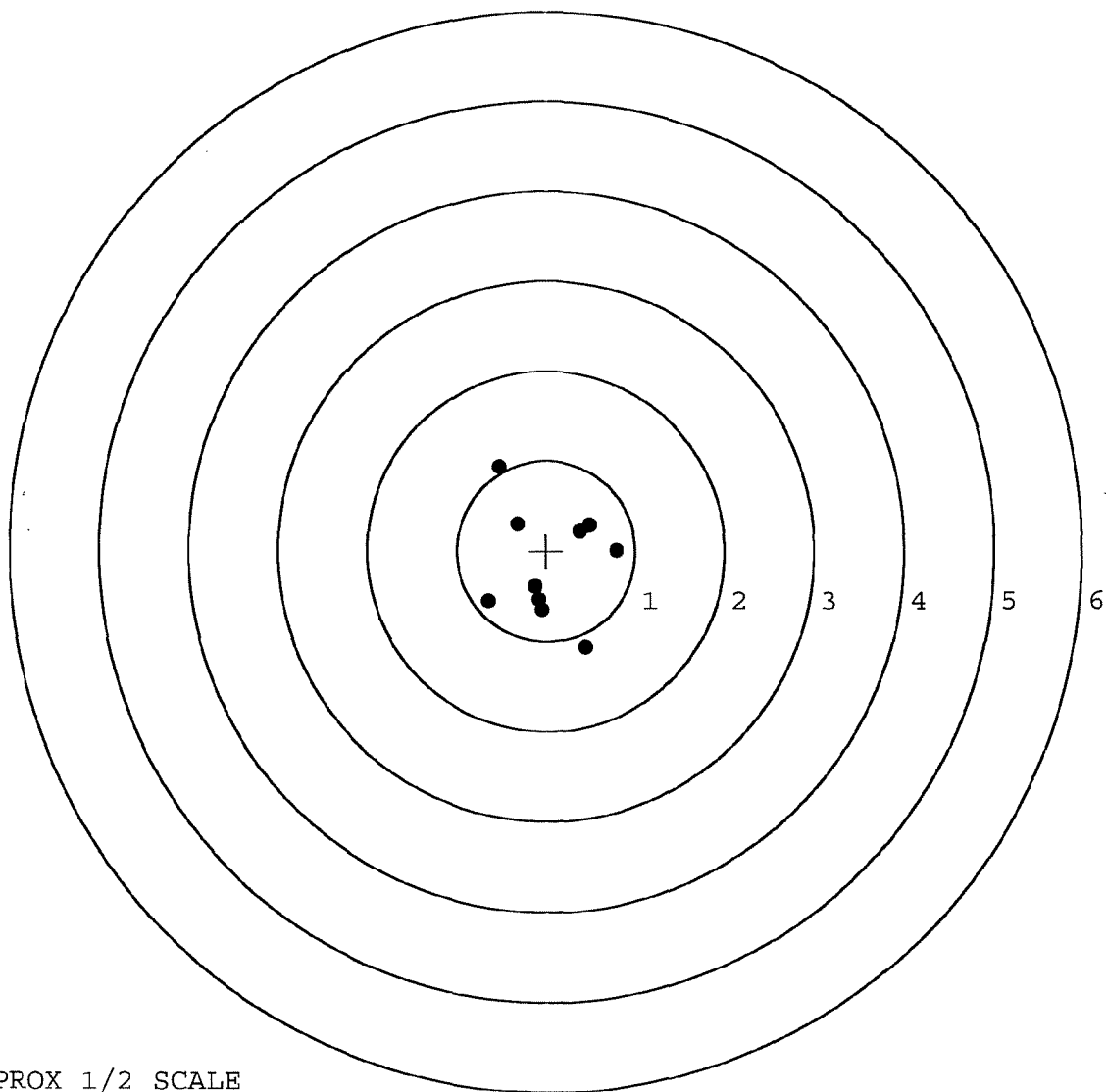
MEAN RADIUS: 0.674

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.793	0.011
2:	0.484	0.290
3:	0.376	0.224
4:	0.446	-1.067
5:	-0.333	0.298
6:	-0.528	0.930
7:	-0.658	-0.554
8:	-0.130	-0.394
9:	-0.090	-0.544
10:	-0.055	-0.659



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6414370. 0

TARGET NUMBER: 5

FILE DATE: 01/03/2005

FILE TIME: 08:55

POINT#	X	Y
1:	0.649	-0.225
2:	0.565	0.860
3:	-0.490	0.508
4:	-0.971	0.301
5:	-0.738	0.195
6:	-0.311	-0.049
7:	-0.436	-0.349
8:	-0.686	-0.479
9:	0.099	-0.297
10:	0.046	-0.529

X CENTROID: -0.227

Y CENTROID: -0.006

POA TO CENTROID: 0.227

HORZ SPREAD: 1.620

VERT SPREAD: 1.389

GROUP SPREAD: 1.832

MIN RADIUS: 0.094

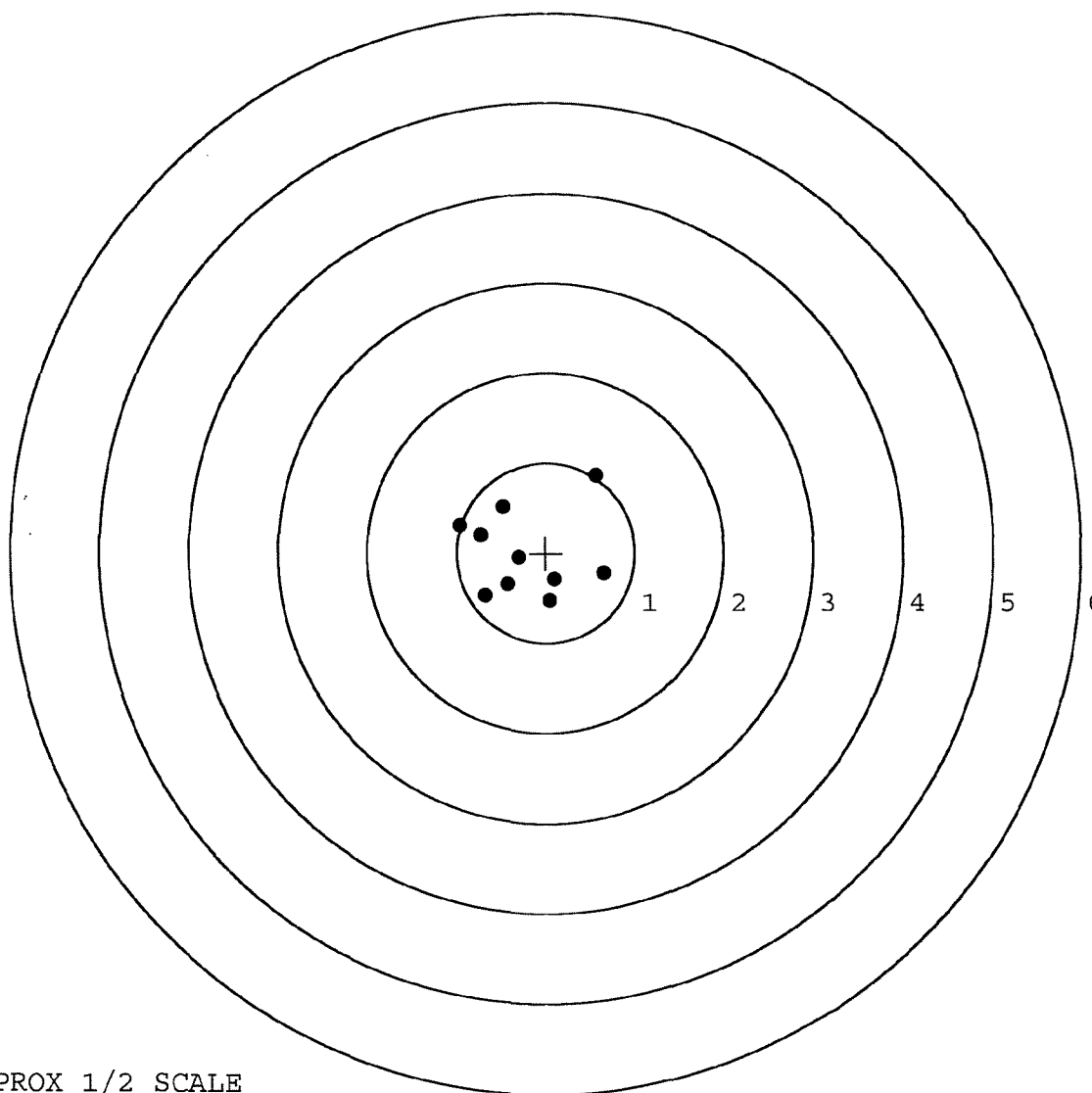
MAX RADIUS: 1.174

MEAN RADIUS: 0.619

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & 50 CYCLES

SERIAL NO.

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 12-6-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS	COMMENTS
PULL #1	2.18	2.24	2.32	
PULL #2	2.33	2.32	2.34	
PULL #3	2.36	2.30	2.27	
PULL #4	2.35	2.25	2.27	
PULL #5	2.42	2.27	2.17	
TOTAL	11.64	11.38	11.37	
AVERAGE	2.32	2.27	2.27	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES	COMMENTS
PULL #1	3.22	3.09	
PULL #2	3.22	3.12	
PULL #3	3.14	3.15	
PULL #4	3.22	3.13	
PULL #5	3.31	3.13	
TOTAL	16.11	15.62	
AVERAGE	3.22	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	4.35	4.20		4.10
PULL #2	4.52	4.15		4.11
PULL #3	4.13	4.15		4.03
PULL #4	4.10	4.23		4.13
PULL #5	4.10	4.20 TRW		4.13
TOTAL	21.20	20.93		20.50
AVERAGE	4.24	4.18		4.10

R & E NUMBER	89336		
SERIAL NUMBER	E6413585 664814370 (New)		
LOG-IN DATE	12-10-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	12-13-04	RTL
560 A	RE-BARREL	12-14-04	RTL
B	DRILL AND TAP	12-16-04	TRW
575	ASSEMBLE	12-14-04	RTL
600	PROOF	12-14-04	RTL
605	CHECK HEADSPACE	12-15-04	RTL
610	DIS-ASSEMBLE GUN	12-16-04	RTL
612	MAGNAFLUX	12-17-04	RTL
615	ROLLMARK CALIBER	12-17-04	CW
618	ROTO-BLAST	12-27-04	LB
620	APPLY COATINGS	12/28/04	H20
625 A	FINAL ASSEMBLY	12-30-04	RTL
B	TRIGGER PULL TEST	NA	
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	1-3-05	AC
655	FINAL INSPECT	1-4-05	A
660	PACK	1-7-05	1974
		SHIP DATE	
		QAR INSPECTION DATE	

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Repairs Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00050324** Serial: **E6413585** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 8/6/02 3:16:01 PM**

Verify Repair

Address Information

Customer: **USAIC** Received From: **USAIC** Return To: **USAIC**

Address 1: **DFEL SUPPLY DIV BLDG 490** Address 2: **PO Box** City: **FORT BENNING** State: **GA** Zip Code: **31905** Country: **US**

EFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Port: Condition: **PACKED IN SAME HARD CASE** Notes: **AS SER# E6413483** CSR Notes:

Accessories Received

Code	Desc	QTY
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	2

Repair Search Refresh Close

Day: **8/7/02** Time: **7:47 AM** User: **LAP5** NUM: INS: SER:

Start Inbox - Microsoft Out... Calendar - Microsoft... Microsoft Excel... Arms Services R... 7:47 AM

Serial Number: **E6413585**

Model: **700**



RE00050324

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413585.__0
FILE DATE AND TIME: 08/22/2002 10:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.055
The Average Y Centroid of the Five Target Set:	-0.028
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.488
The Distance from POA to Centroid Target #1:	0.093
The Distance from Centroid Target #2 to Centroid Target #1:	0.132
The Distance from Centroid Target #3 to Centroid Target #1:	0.145
The Distance from Centroid Target #4 to Centroid Target #1:	0.179
The Distance from Centroid Target #5 to Centroid Target #1:	0.150

SERIAL NUMBER: E6413585. __0

TARGET NUMBER: 1

FILE DATE: 08/22/2002

FILE TIME: 10:38

X CENTROID: -0.086

Y CENTROID: 0.036

POA TO CENTROID: 0.093

HORZ SPREAD: 1.080

VERT SPREAD: 1.479

GROUP SPREAD: 1.718

MIN RADIUS: 0.134

MAX RADIUS: 0.865

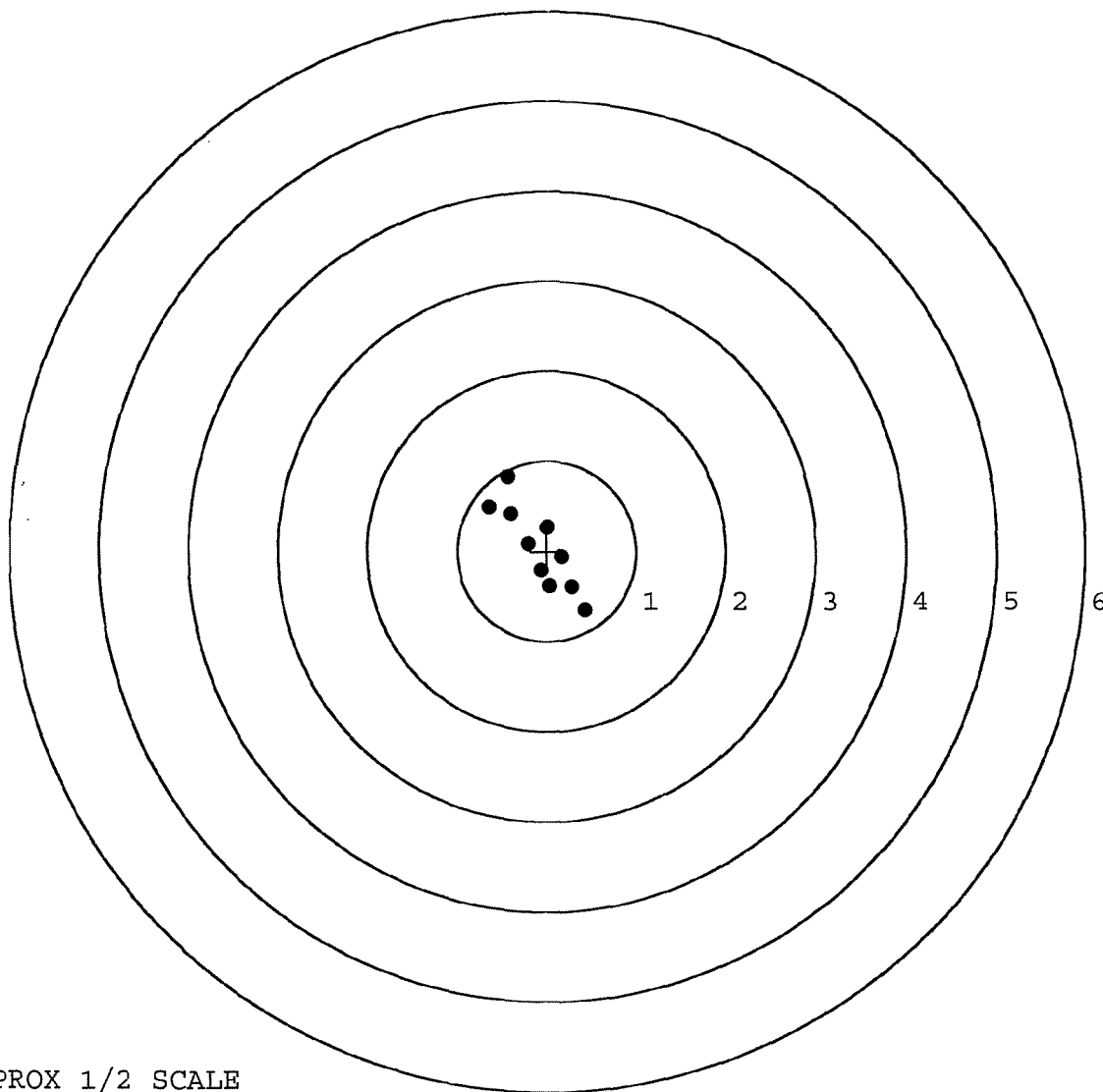
MEAN RADIUS: 0.487

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.433	-0.656
2:	-0.441	0.823
3:	-0.647	0.491
4:	-0.407	0.418
5:	-0.001	0.266
6:	-0.210	0.085
7:	0.166	-0.061
8:	-0.071	-0.214
9:	0.037	-0.393
10:	0.285	-0.400



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413585. __0

TARGET NUMBER: 2

FILE DATE: 08/22/2002

FILE TIME: 10:38

X CENTROID: -0.009

Y CENTROID: -0.071

POA TO CENTROID: 0.072

HORZ SPREAD: 1.133

VERT SPREAD: 1.188

GROUP SPREAD: 1.424

MIN RADIUS: 0.289

MAX RADIUS: 0.851

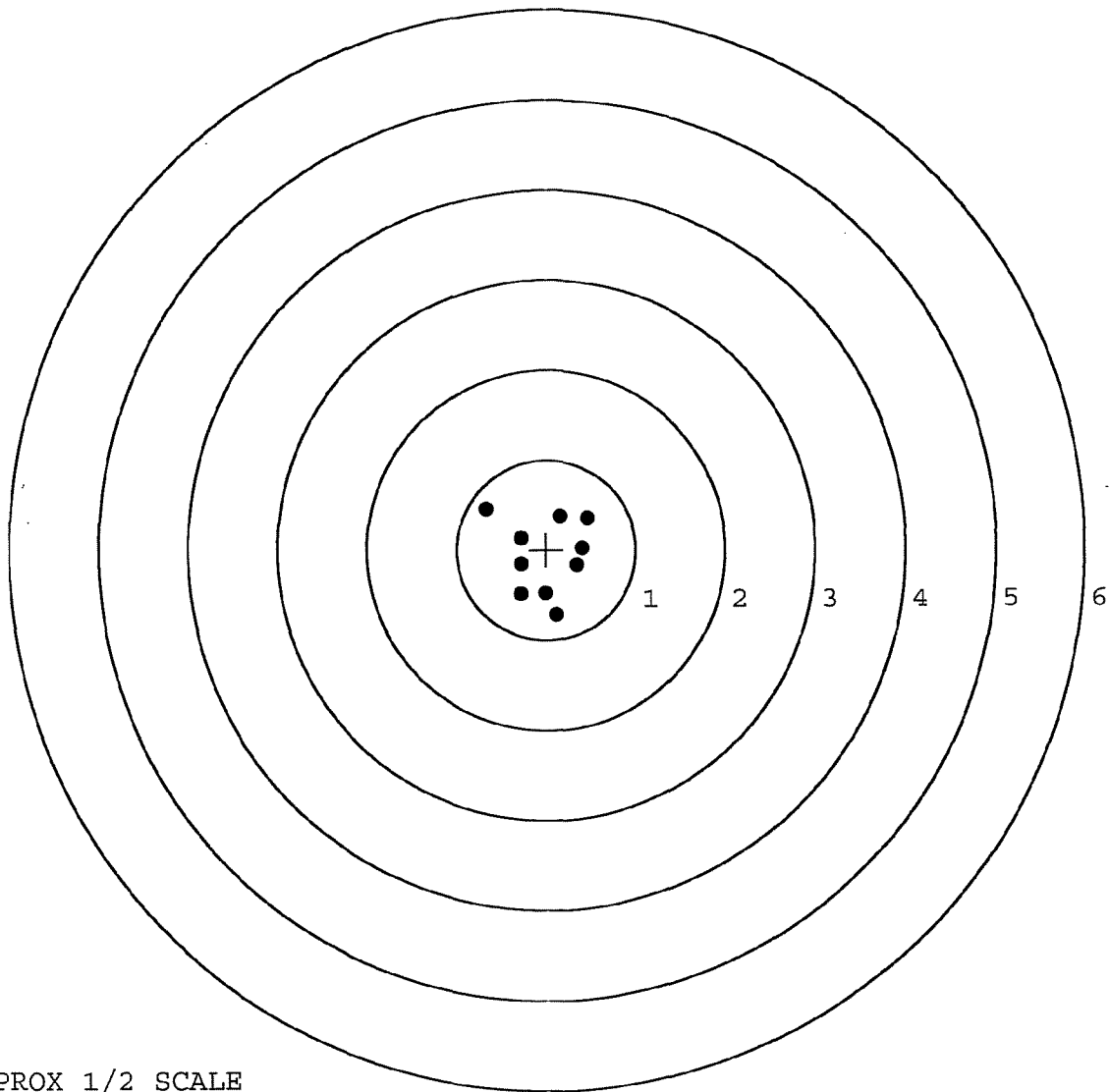
MEAN RADIUS: 0.498

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.108	-0.732
2:	-0.019	-0.493
3:	-0.287	-0.499
4:	-0.284	-0.161
5:	-0.286	0.130
6:	-0.677	0.456
7:	0.346	-0.168
8:	0.402	0.025
9:	0.456	0.358
10:	0.148	0.371



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413585. __0

TARGET NUMBER: 3

FILE DATE: 08/22/2002

FILE TIME: 10:38

X CENTROID: -0.230

Y CENTROID: 0.052

POA TO CENTROID: 0.236

HORZ SPREAD: 2.459

VERT SPREAD: 1.714

GROUP SPREAD: 2.679

MIN RADIUS: 0.161

MAX RADIUS: 1.800

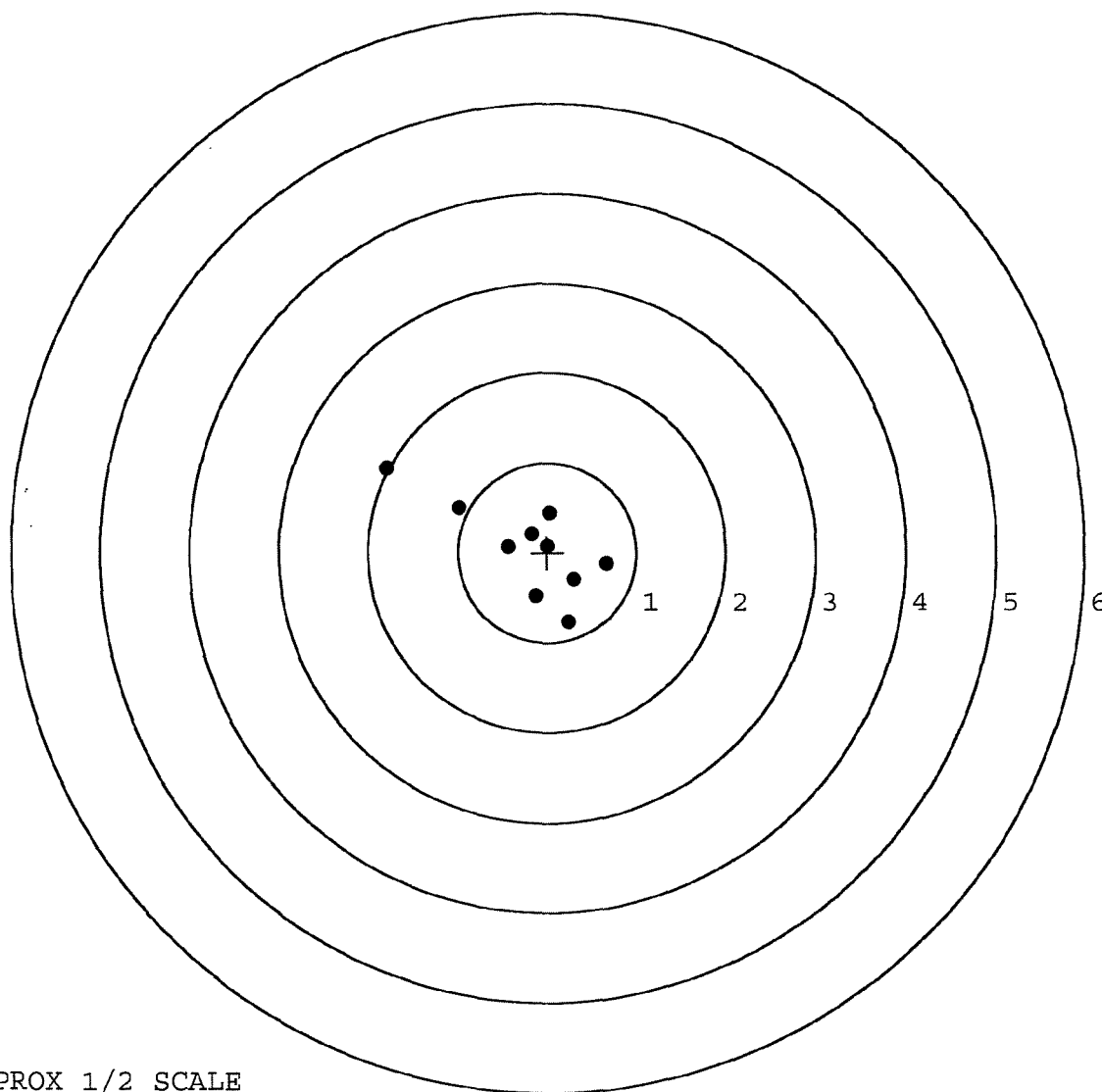
MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.246	-0.775
2:	-0.130	-0.487
3:	0.298	-0.303
4:	0.663	-0.123
5:	-1.796	0.939
6:	-0.991	0.494
7:	-0.442	0.065
8:	0.026	0.443
9:	-0.178	0.205
10:	0.006	0.067



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413585. 0

TARGET NUMBER: 4

FILE DATE: 08/22/2002

FILE TIME: 10:38

X CENTROID: -0.001

Y CENTROID: -0.122

POA TO CENTROID: 0.122

HORZ SPREAD: 0.651

VERT SPREAD: 0.880

GROUP SPREAD: 0.880

MIN RADIUS: 0.085

MAX RADIUS: 0.470

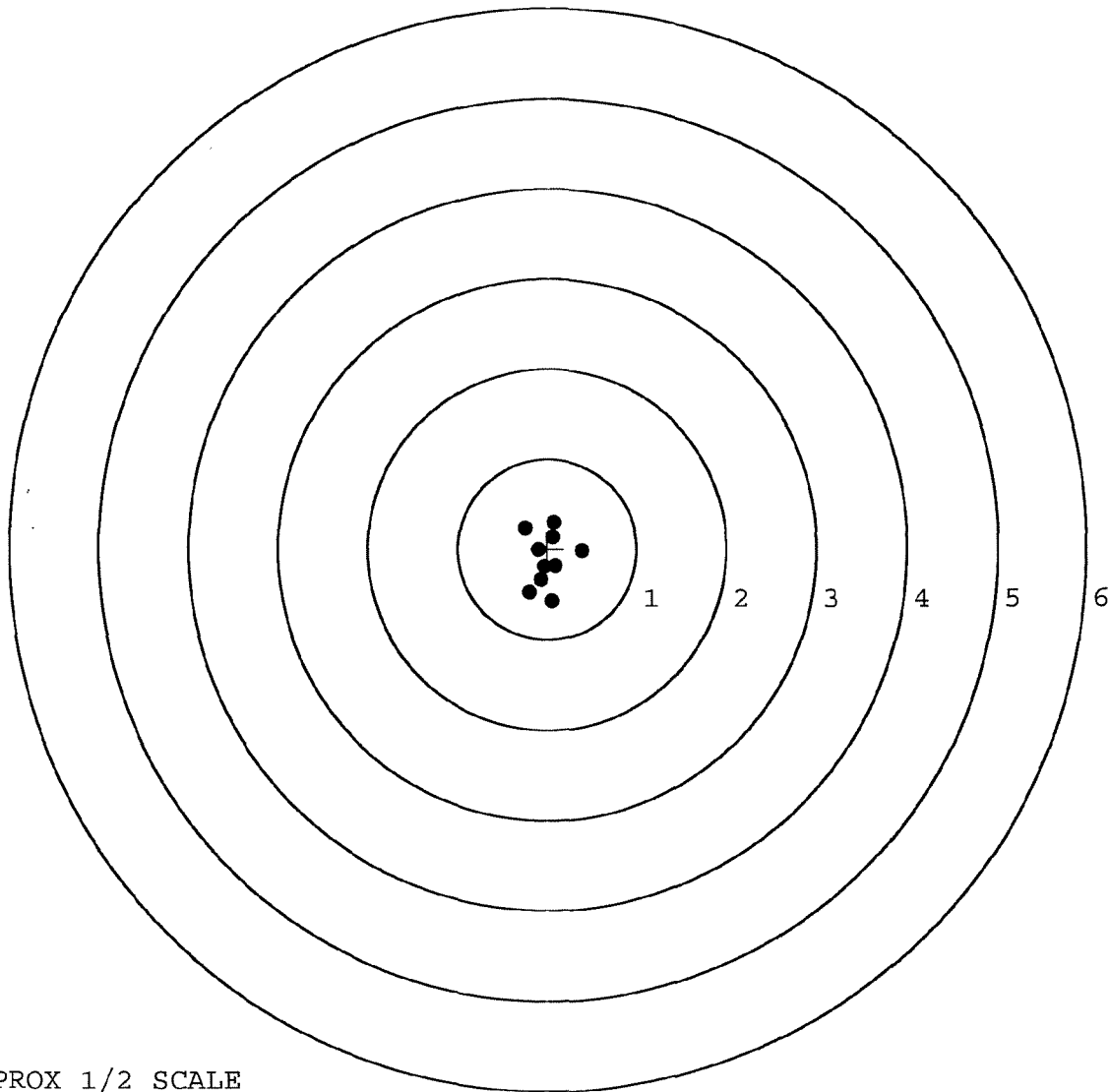
MEAN RADIUS: 0.300

IN 1 IN DIAMETER: 10

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.051	-0.589
2:	0.392	-0.025
3:	0.075	0.291
4:	-0.259	0.227
5:	0.065	0.129
6:	-0.102	-0.017
7:	-0.035	-0.200
8:	-0.078	-0.352
9:	-0.202	-0.488
10:	0.088	-0.197



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413585. 0

TARGET NUMBER: 5

FILE DATE: 08/22/2002

FILE TIME: 10:38

POINT#	X	Y
1:	-0.149	-0.809
2:	0.681	0.924
3:	0.457	-0.204
4:	0.354	-0.009
5:	0.135	-0.021
6:	-0.027	-0.185
7:	-0.190	-0.292
8:	-0.363	-0.396
9:	-0.190	0.208
10:	-0.228	0.454

X CENTROID: 0.048

Y CENTROID: -0.033

POA TO CENTROID: 0.058

HORZ SPREAD: 1.044

VERT SPREAD: 1.733

GROUP SPREAD: 1.922

MIN RADIUS: 0.088

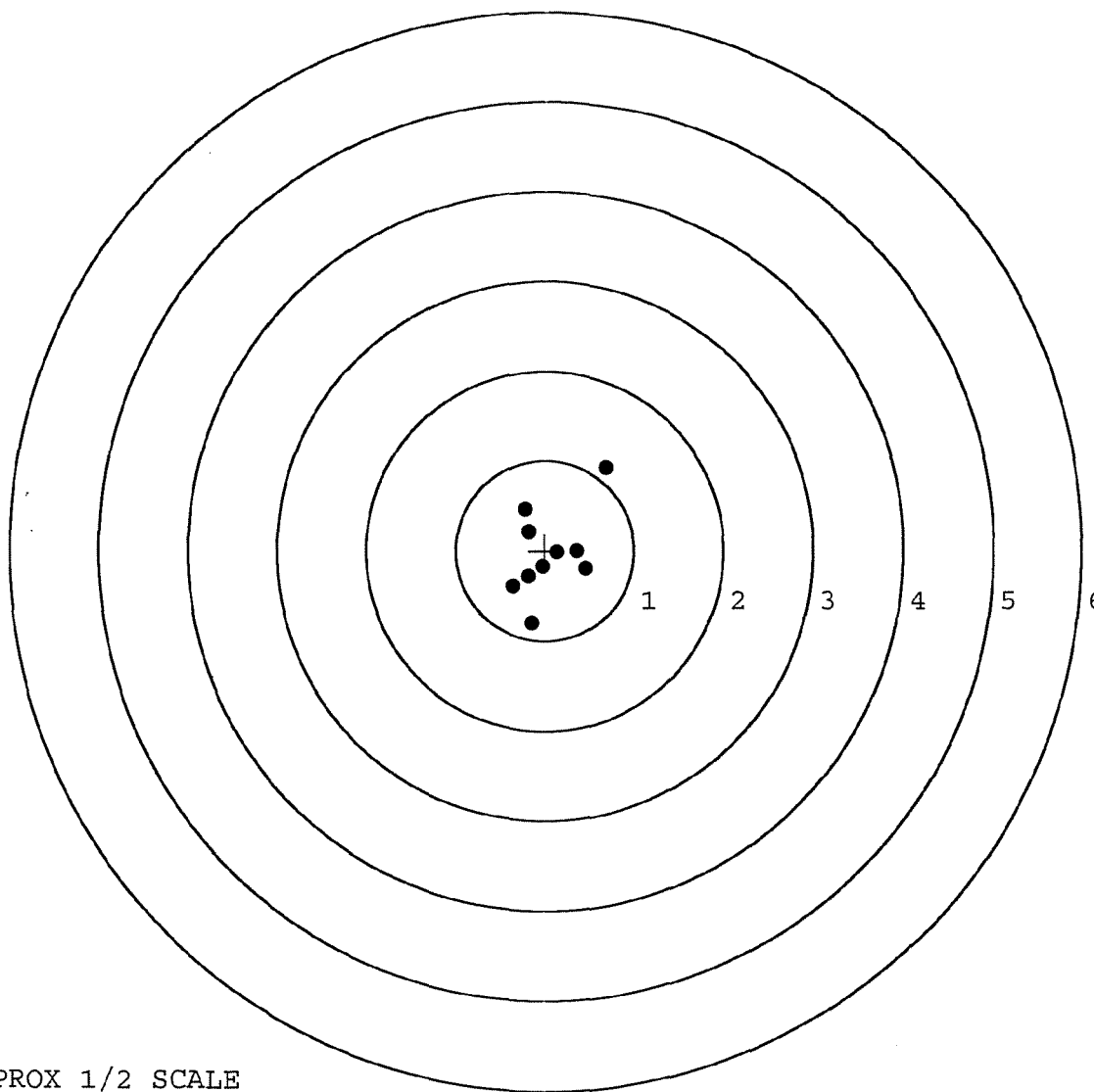
MAX RADIUS: 1.147

MEAN RADIUS: 0.475

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	50324		
SERIAL NUMBER	E6413585		
LOG-IN DATE	8/6/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8/12/02	RL
560 A	RE-BARREL	8-12-02	DA
B	DRILL AND TAP	8-13-02	Ac
575	ASSEMBLE	8/13/02	RL
600	PROOF	8-13-02	φ
605	CHECK HEADSPACE	MAGNA - FLO 8/13/02	RL
610	DIS-ASSEMBLE GUN	INSPECTED 8/13/02	RL
612	MAGNAFLUX	AUG 14 2002	
615	ROLLMARK CALIBER OPERATOR	8/14	AS
618	ROTO-BLAST	8/15	KO
620	APPLY COATINGS	8-16	TA
625 A	FINAL ASSEMBLY	8/20/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	8/20/02	TRW
655	FINAL INSPECT	8/22/02	RL
660	PACK	8/26/02	DA
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING AND ESTIMATING REPORT

BARBER - M24 0163863

COMMENTS

ORDER

R 99-20514

INITIAL SWS	CUSTOMER ORDER NO.	M/24 W/SCOPE, W/HARD CASE			
DATE RECEIVED 10/10/99	DATE OPENED 10/20/99	DATE CODE	SERIAL NUMBER 06225440	NEW SERIAL NUMBER EL6413585	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES W/STUDS	W/SWIVELS	SCOPE MNTS	SCOPE BASE		

Scope - S/N 87-1152

FROM:

SHIP TO:

U S ARMY
CO D 2/29 INF REGT
BLDG 73
FT BENNING

GA 31905

U S ARMY
CO D 2/29 INF REGT
BLDG 73
FT BENNING

GA

31905

CUST NO: 187354 C.O.D.L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	--------------------------------	------------	-----------	------------

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			
MAIN FAULT						

PARTS

COMMENTS

BBL ASSY 96001
BOLT ASSY 96005
EXTRACTOR 91816

REPAIRMAN RW	PROOF C	CLEAN C	TEST C	TARGET C	PATTERN
GALLERY TESTER RW	DATE	DATE 1-26-00	DATE 1-31-00	DATE 1-31-00	DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0163863 163902

BARBER - M24 0163864

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413585
9 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.113
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1766
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .209658

THE AMR FOR THIS RIFLE IS: 1.2

CENTROIDAL DISTANCES

0 TO	1	.415177
1 TO	2	.354979
1 TO	3	.450699
1 TO	4	.169712
1 TO	5	.735568

5
3 <----POA
4¹ 2

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

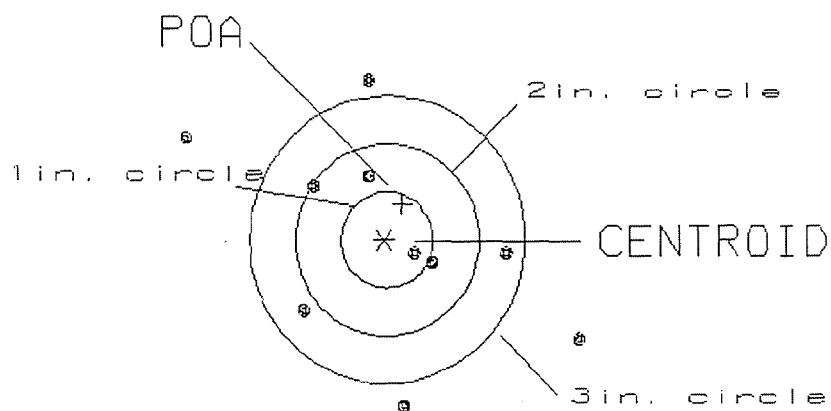
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .415
 MIN RADIUS : .332
 MEAN RADIUS : 1.323
 MAX RADIUS : 2.465
 CENTROID X : -.196
 CENTROID Y : -.366

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413585

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 4.28
 VS= 3.42
 GS= 4.77

1
 3
 6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

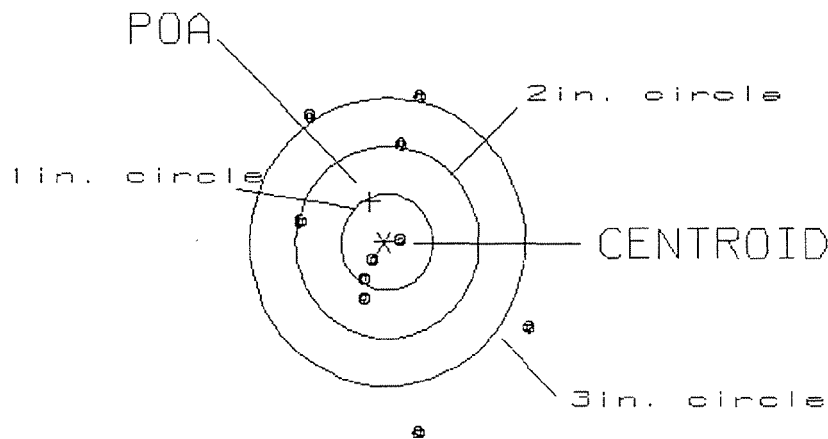
PATTERN #: 2

POA TO CENTROID: .447
 MIN RADIUS : .191
 MEAN RADIUS : 1.056
 MAX RADIUS : 2.003
 CENTROID X : .155
 CENTROID Y : -.419

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413585

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.49
 VS= 3.48
 GS= 3.51

3
 5
 6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

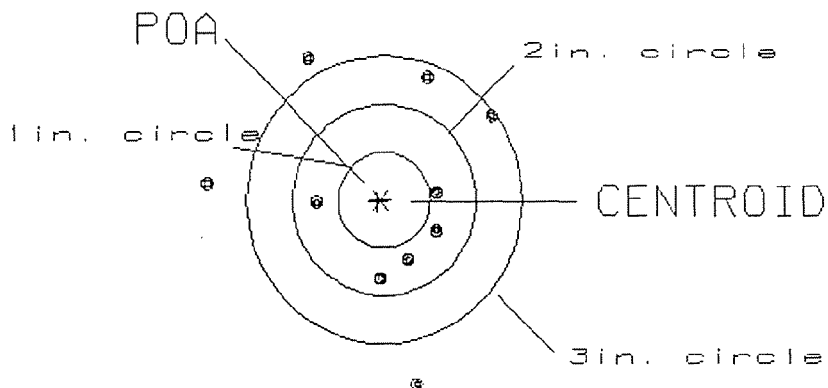
PATTERN #: 3

POA TO CENTROID: .041
 MIN RADIUS : .592
 MEAN RADIUS : 1.197
 MAX RADIUS : 1.972
 CENTROID X : .035
 CENTROID Y : .021

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413585

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.12

0

VS= 3.36

5

GS= 3.58

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

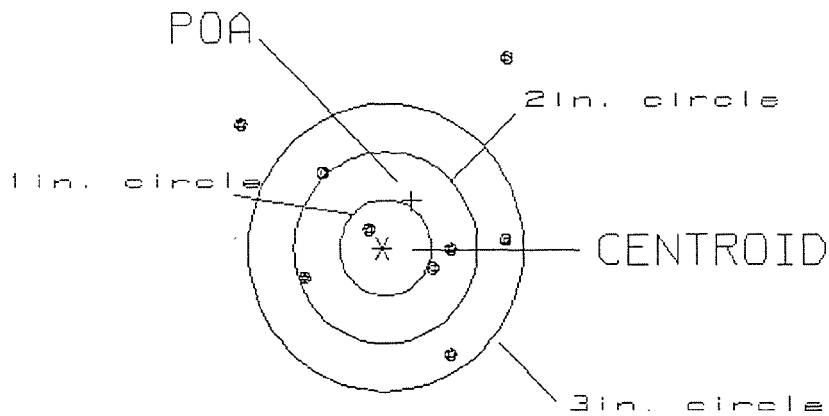
PATTERN #: 4

POA TO CENTROID: .580
 MIN RADIUS : .244
 MEAN RADIUS : 1.375
 MAX RADIUS : 3.045
 CENTROID X : -.315
 CENTROID Y : -.487

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/eb413585

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.97

1

VS= 4.79

4

GS= 5.42

7

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID: .441

MIN RADIUS : .201

MEAN RADIUS : 1.050

MAX RADIUS : 2.093

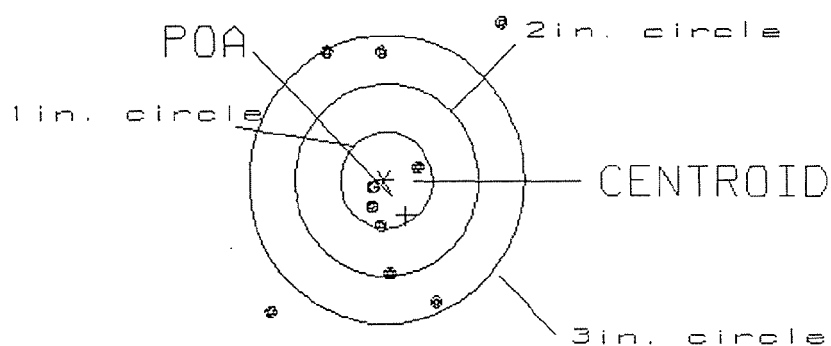
CENTROID X : -.244

CENTROID Y : .368

9 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413585

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.54

3

VS= 3.00

5

GS= 3.93

8

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

E6413585

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	12-12-99	RW
605	CHECK HEADSPACE	12-12-99	RW
610	DIS-ASSEMBLE		
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	1-31-00	RW
655	FINAL INSPECT	2-8-00	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: EL413585

DATE REC'D: 10-18-99

DATE RET'D:

Auditor: RW

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: