

66590103

Replaces

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: **RE00141255**

Serial: C6522139 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 12/18/1990

Repairman:

Status: Closed 2/5/2008 10:17:38 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DODAAC: W91L3M

DODAAC: W91L3M

Address 1: WDDA FSB BAGRAM AFLD

WDDA FSB BAGRAM AFLD

Address 2: SMALL ARMS SUPPORT

PO Box:

SMALL ARMS SUPPORT

PO Box:

City: BAGRAM APD

BAGRAM APD

State: AF

Zip Code: 09354

Country: AE

State: AF

Zip Code: 09354

Country: AE

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

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
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

2/7/2008

4:20 PM

NUM

Serial Number: **C6522139** NEW G-6590103
Model: **M24 SWS**

RE00141255

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER <u>00141255</u>			
SERIAL NUMBER <u>6522139 NEW G-6590103</u>			
LOG-IN DATE <u>2-5-08</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	2-20-08	RTZ
505	RE-BARREL	2-20-08	RTZ
560	ASSEMBLE	2-20-08	RTZ
600	PROOF	2-20-08	TRW
605	CHECK HEADSPACE	2-20-08	TRW
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX	2/21/08	unsub
510	DRILL AND TAP	2-21-08	Fm
615	ROLLMARK CALIBER	2-21-08	CW
618	ROTO-BLAST	2-22-08	DG
620	APPLY COATINGS	2-26-08	CM
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	(PASS) FAIL	2-29-08 TRW
650	TARGET	(PASS) FAIL	2-29-08 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		2-29-08 RP
	A) HEADSPACE	(PASS) FAIL	3-6-08 DA
	B) TRIGGER PULL	2.72 2.62 2.67 2.64 2.58 3.608	DA
680	F) SAFETY ON FORCE	5.2 5.5 5.5 3.608	DA
	G) SAFETY OFF FORCE	2.5 2.5 2.0 3.608	DA
	I) FIRING PIN INDENT	.022 .0215 .0215 3.608	DA
690	PACK		17/15/08 Fm

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590103.__0
FILE DATE AND TIME: 03/03/2008 09:47

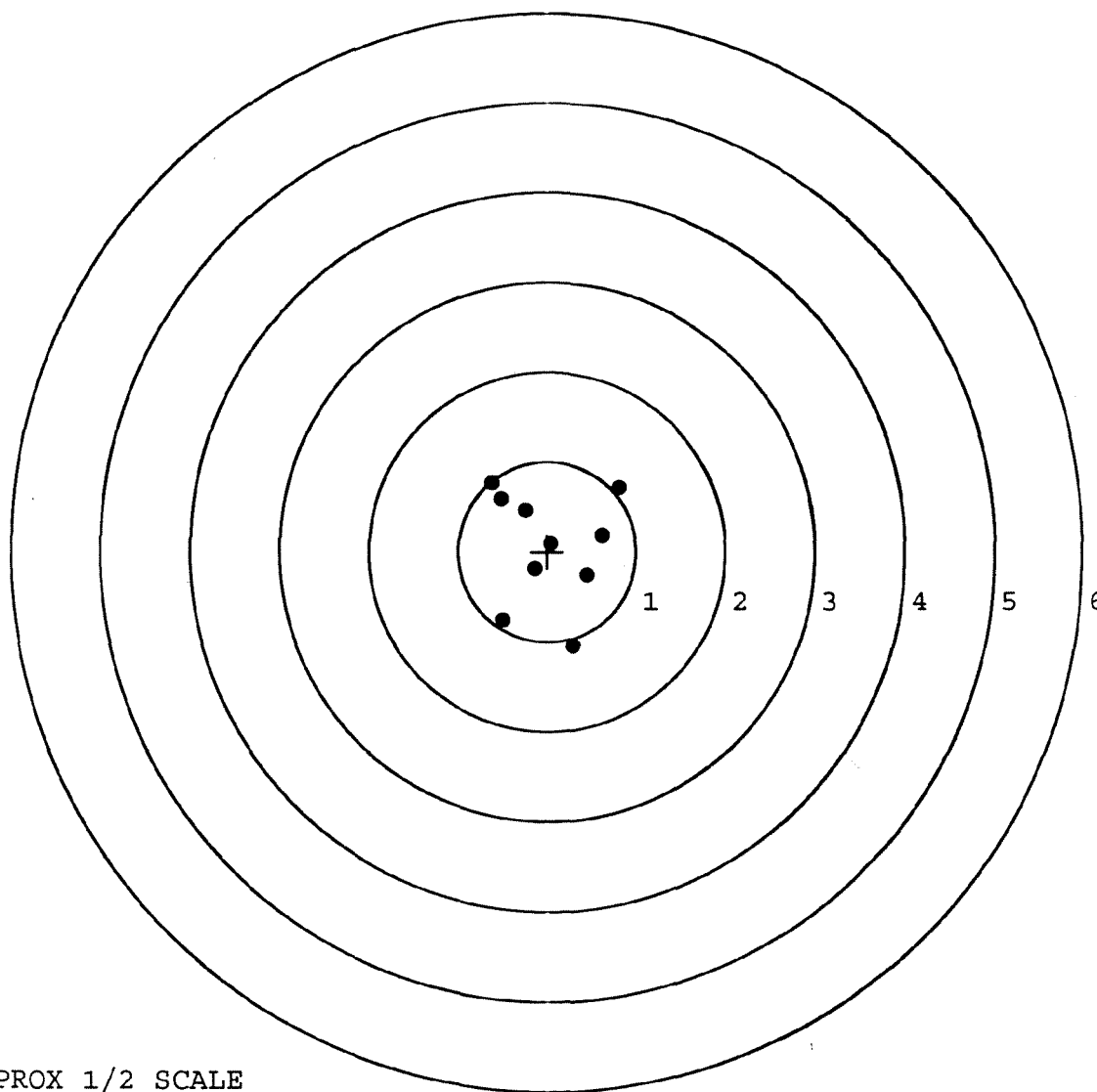
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.012
The Average Y Centroid of the Five Target Set:	-0.010
The Average Point of Impact of the Five Target Set:	0.015
The Average Mean Radius of the Five Target Set:	0.701
The Distance from POA to Centroid Target #1:	0.055
The Distance from Centroid Target #2 to Centroid Target #1:	0.108
The Distance from Centroid Target #3 to Centroid Target #1:	0.092
The Distance from Centroid Target #4 to Centroid Target #1:	0.133
The Distance from Centroid Target #5 to Centroid Target #1:	0.028

SERIAL NUMBER: G6590103. __0
TARGET NUMBER: 1
FILE DATE: 03/03/2008
FILE TIME: 09:47

X CENTROID: 0.017
Y CENTROID: 0.052
POA TO CENTROID: 0.055
HORZ SPREAD: 1.434
VERT SPREAD: 1.817
GROUP SPREAD: 2.033
MIN RADIUS: 0.046
MAX RADIUS: 1.136
MEAN RADIUS: 0.682
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.287	-1.051
2:	-0.501	-0.762
3:	0.449	-0.261
4:	0.620	0.185
5:	0.809	0.713
6:	0.043	0.090
7:	-0.140	-0.196
8:	-0.249	0.456
9:	-0.521	0.581
10:	-0.625	0.766

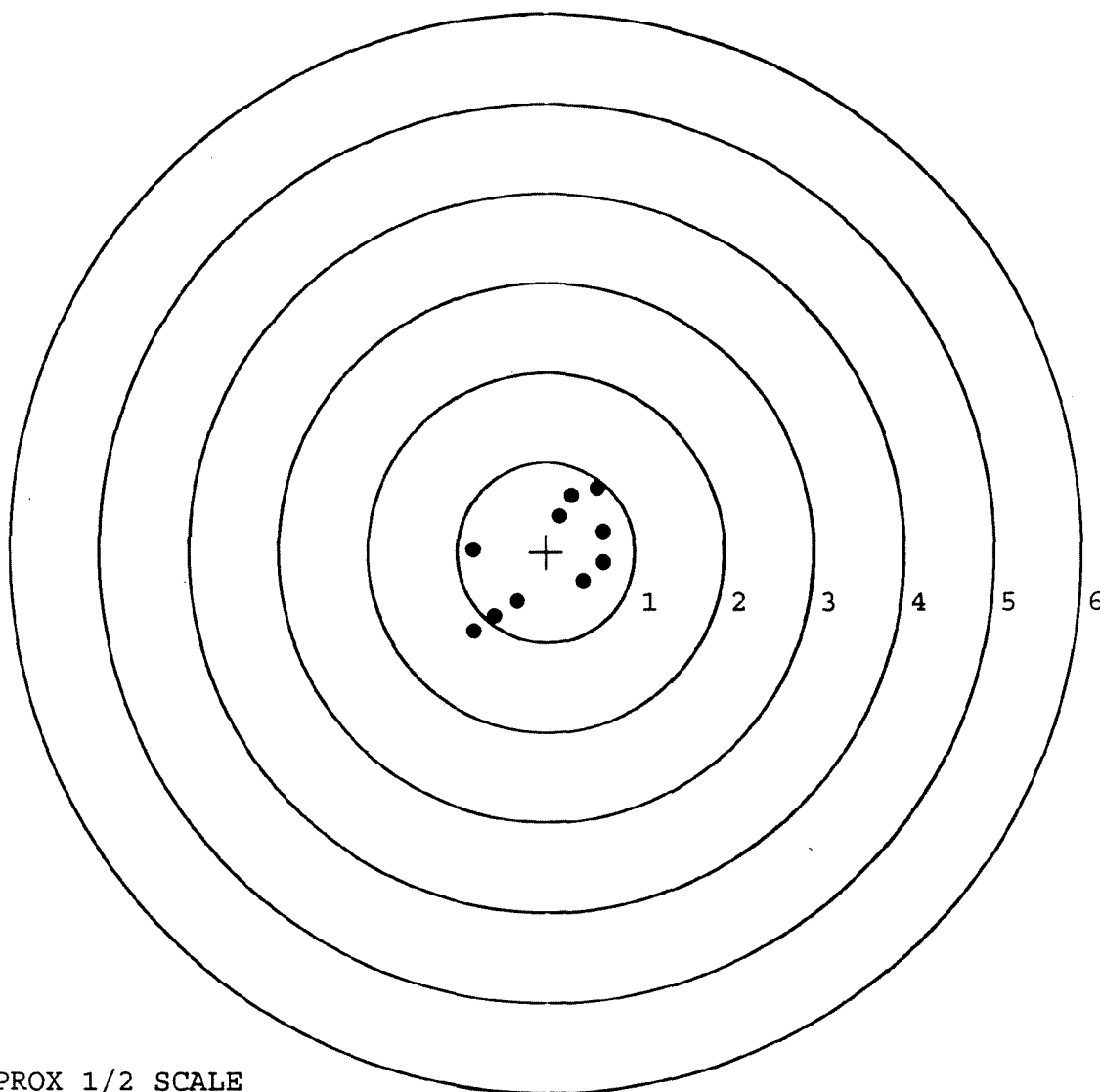


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590103. __0
TARGET NUMBER: 2
FILE DATE: 03/03/2008
FILE TIME: 09:47

X CENTROID: 0.015
Y CENTROID: -0.056
POA TO CENTROID: 0.058
HORZ SPREAD: 1.464
VERT SPREAD: 1.593
GROUP SPREAD: 2.115
MIN RADIUS: 0.470
MAX RADIUS: 1.167
MEAN RADIUS: 0.747
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.417	-0.326
2:	0.644	-0.115
3:	0.635	0.232
4:	0.149	0.394
5:	0.284	0.639
6:	0.575	0.718
7:	-0.332	-0.547
8:	-0.589	-0.713
9:	-0.817	-0.875
10:	-0.820	0.030

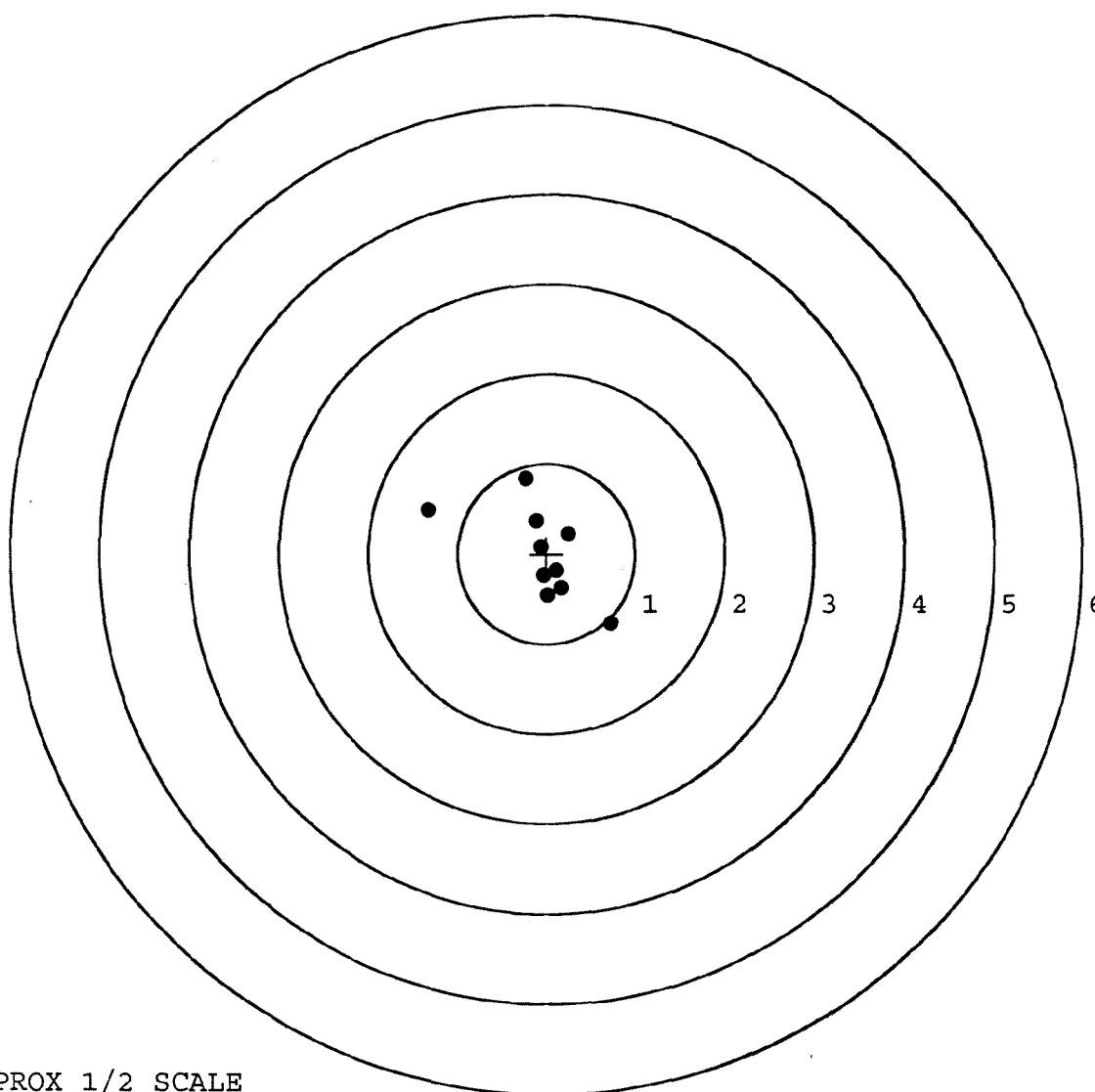


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590103. __0
TARGET NUMBER: 3
FILE DATE: 03/03/2008
FILE TIME: 09:47

X CENTROID: -0.054
Y CENTROID: -0.006
POA TO CENTROID: 0.055
HORZ SPREAD: 2.053
VERT SPREAD: 1.610
GROUP SPREAD: 2.406
MIN RADIUS: 0.083
MAX RADIUS: 1.366
MEAN RADIUS: 0.554
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.722	-0.773
2:	-0.237	0.837
3:	-1.331	0.481
4:	0.008	-0.462
5:	0.160	-0.381
6:	-0.037	-0.242
7:	0.112	-0.191
8:	-0.062	0.077
9:	-0.121	0.369
10:	0.243	0.225

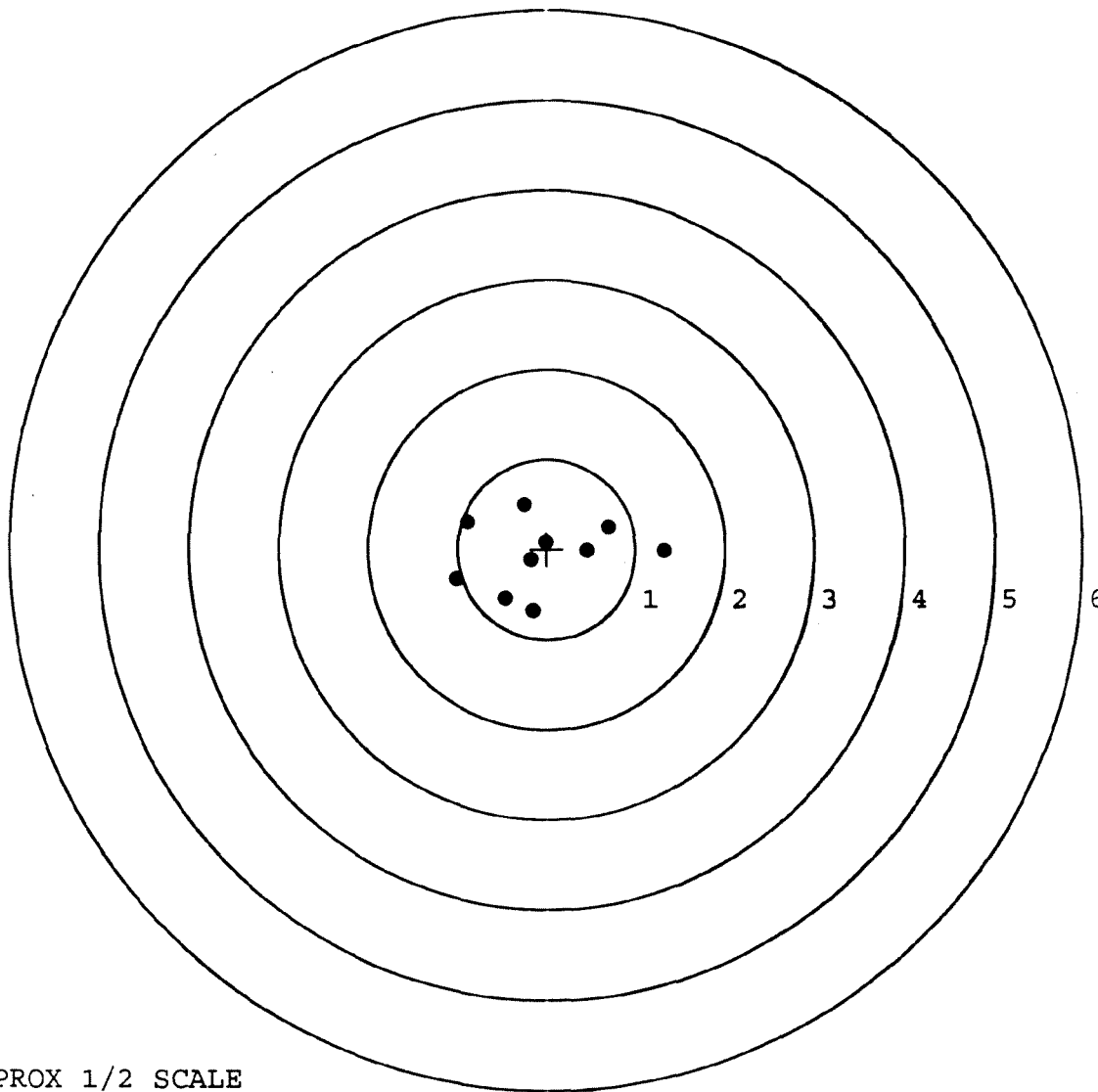


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590103. __0
TARGET NUMBER: 4
FILE DATE: 03/03/2008
FILE TIME: 09:47

X CENTROID: -0.051
Y CENTROID: -0.062
POA TO CENTROID: 0.080
HORZ SPREAD: 2.344
VERT SPREAD: 1.185
GROUP SPREAD: 2.366
MIN RADIUS: 0.138
MAX RADIUS: 1.377
MEAN RADIUS: 0.678
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.325	-0.025
2:	0.687	0.248
3:	0.459	-0.016
4:	-0.254	0.495
5:	-0.010	0.079
6:	-0.177	-0.120
7:	-0.159	-0.690
8:	-0.471	-0.551
9:	-1.019	-0.344
10:	-0.893	0.303

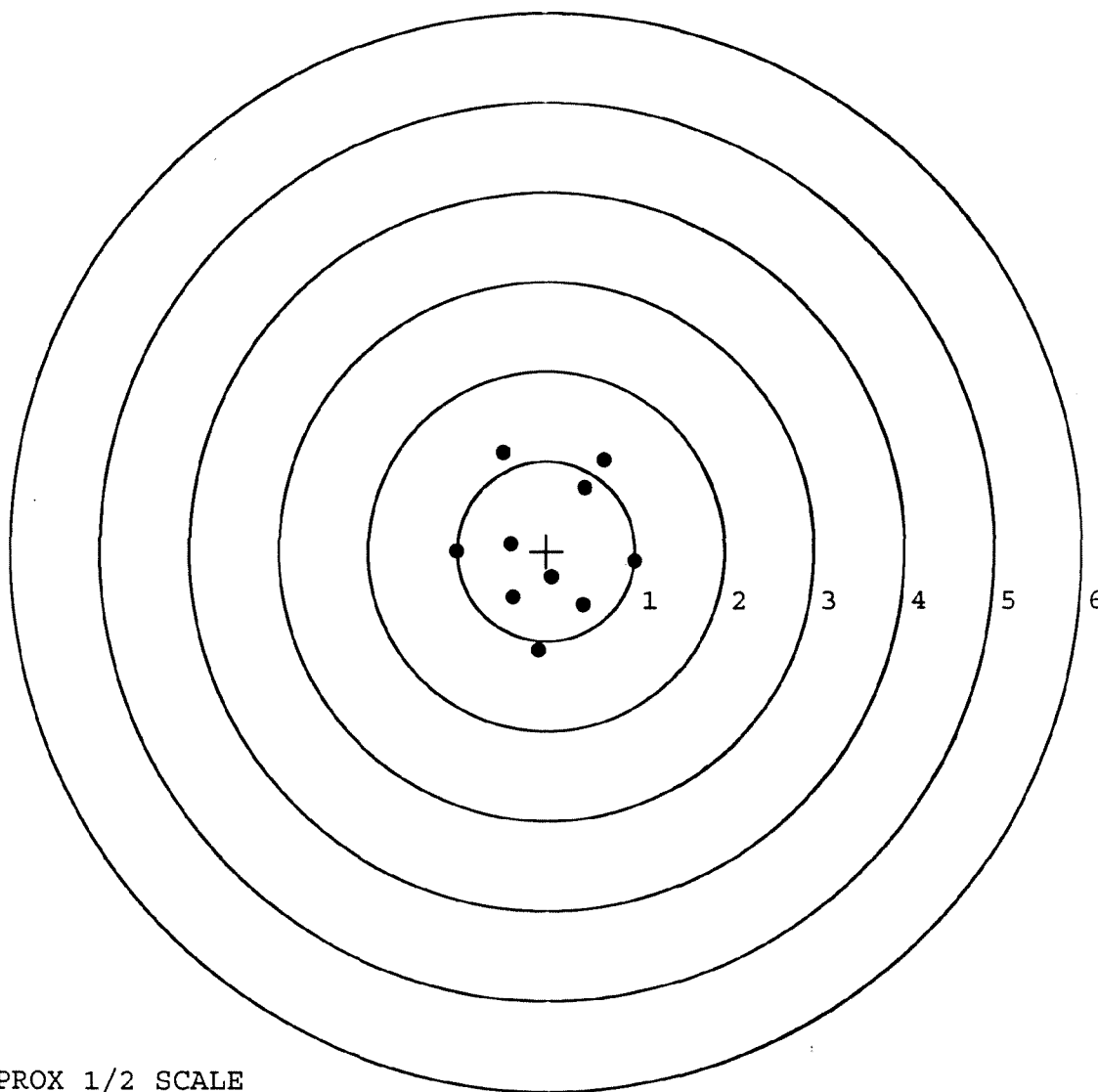


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590103. __0
TARGET NUMBER: 5
FILE DATE: 03/03/2008
FILE TIME: 09:47

X CENTROID: 0.016
Y CENTROID: 0.024
POA TO CENTROID: 0.029
HORZ SPREAD: 2.003
VERT SPREAD: 2.206
GROUP SPREAD: 2.241
MIN RADIUS: 0.319
MAX RADIUS: 1.184
MEAN RADIUS: 0.846
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.996	-0.119
2:	-0.098	-1.112
3:	0.407	-0.606
4:	0.054	-0.293
5:	-0.383	-0.517
6:	-0.401	0.080
7:	-1.007	0.000
8:	0.432	0.702
9:	0.648	1.011
10:	-0.492	1.094



TARGET APPROX 1/2 SCALE

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: **RE00105768** Serial: C6522139 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 12/18/1990 Repairman: Status: Closed 12/27/2005 3:18:23 PM

Verify Repair

Address Information

Customer: ☒ Received From ☐ Return To ☐ Received From

Name: S3 3 325 AIR S3 3 325 AIR

Address 1: 82ND AIR ABN DIV 82ND AIR ABN DIV

Address 2: PO Box PO Box

City: FORT BRAGG FORT BRAGG

State: NC Zip Code: 28310 Country: US State: NC Zip Code: 28310 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Condition: Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Base	1
A042	Adjustable Butt Pad	1
A045	Bi Pod	1
A057	Front and Rear Sqt Base	2

Repair Saved Refresh Close

12/20/2005 8:07 AM CAPS NUM INS SCPL

start 2 4 Arms Services Repair

Serial Number: **C6522139**

Model: **M24 SWS**



RE00105768

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6222139.___0
FILE DATE AND TIME: 01/12/2006 11:21

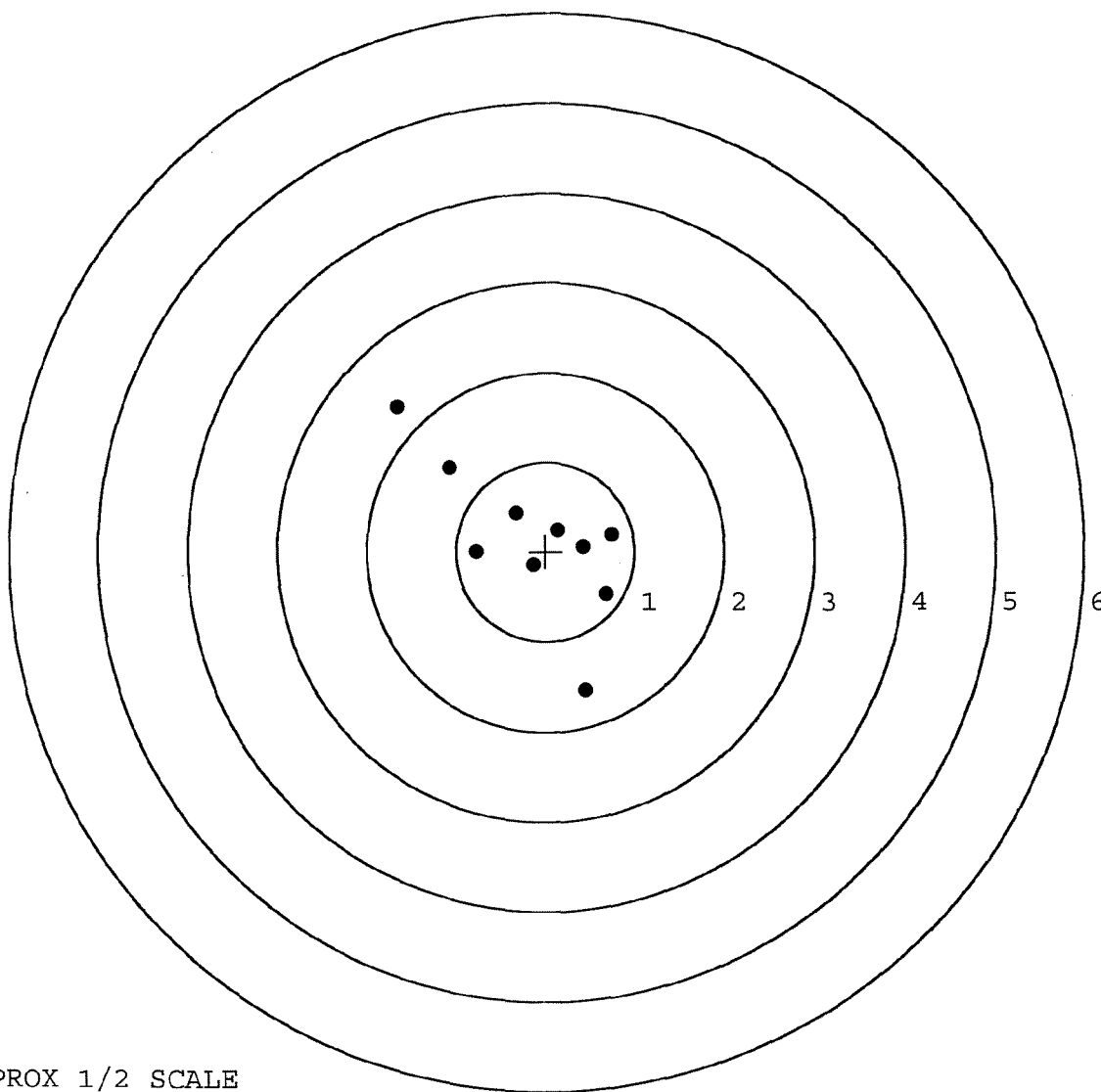
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.031
The Average Y Centroid of the Five Target Set:	0.109
The Average Point of Impact of the Five Target Set:	0.114
The Average Mean Radius of the Five Target Set:	0.739
The Distance from POA to Centroid Target #1:	0.203
The Distance from Centroid Target #2 to Centroid Target #1:	0.208
The Distance from Centroid Target #3 to Centroid Target #1:	0.196
The Distance from Centroid Target #4 to Centroid Target #1:	0.015
The Distance from Centroid Target #5 to Centroid Target #1:	0.318

SERIAL NUMBER: C6222139. __0
TARGET NUMBER: 1
FILE DATE: 01/12/2006
FILE TIME: 11:21

X CENTROID: -0.158
Y CENTROID: 0.127
POA TO CENTROID: 0.203
HORZ SPREAD: 2.404
VERT SPREAD: 3.152
GROUP SPREAD: 3.795
MIN RADIUS: 0.282
MAX RADIUS: 2.116
MEAN RADIUS: 0.920
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.447	-1.541
2:	0.680	-0.476
3:	0.737	0.193
4:	0.423	0.059
5:	0.133	0.234
6:	-0.335	0.431
7:	-0.145	-0.154
8:	-0.776	-0.010
9:	-1.082	0.927
10:	-1.667	1.611

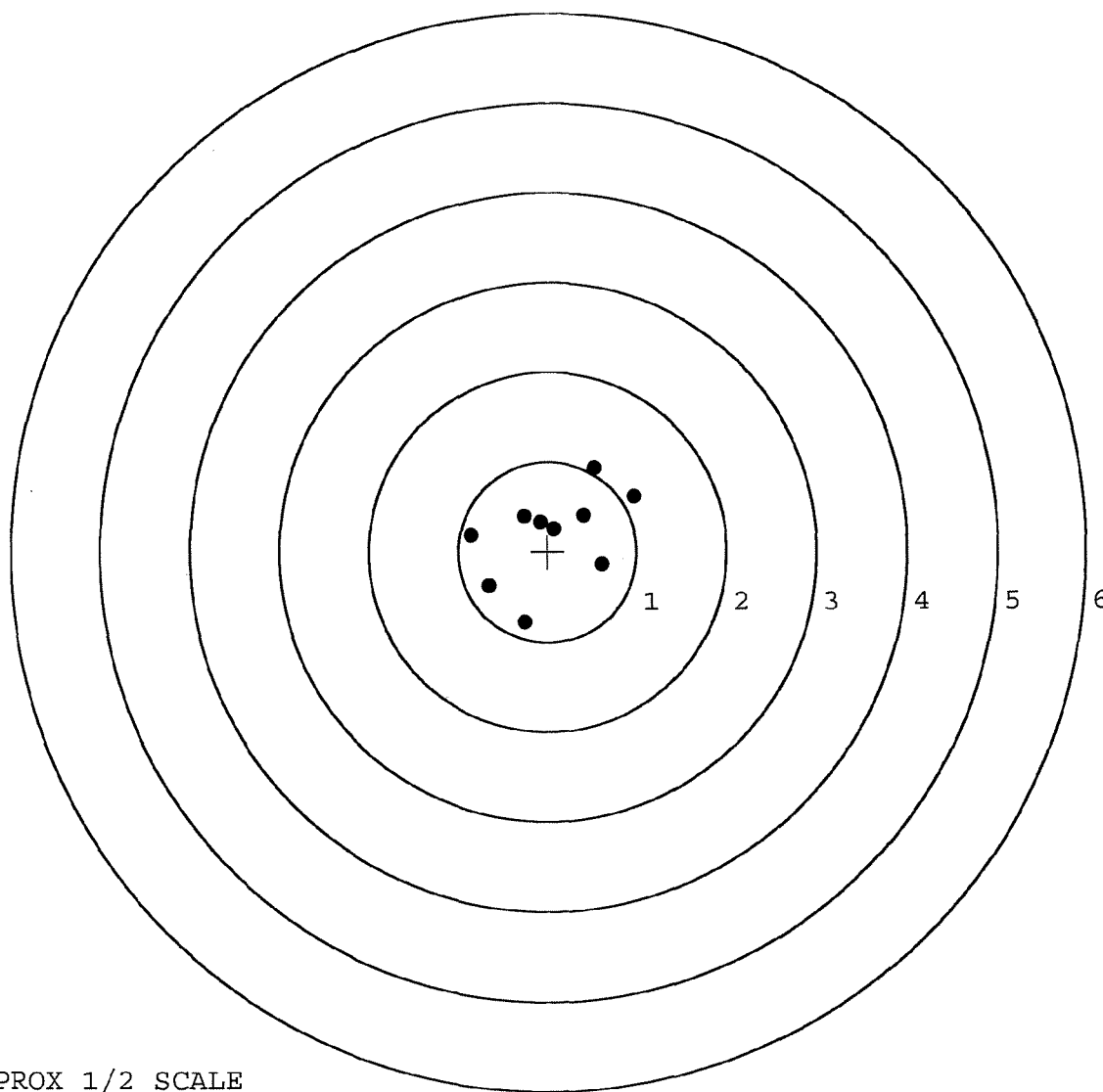


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6222139. 0
TARGET NUMBER: 2
FILE DATE: 01/12/2006
FILE TIME: 11:21

X CENTROID: 0.042
Y CENTROID: 0.180
POA TO CENTROID: 0.185
HORZ SPREAD: 1.823
VERT SPREAD: 1.713
GROUP SPREAD: 1.895
MIN RADIUS: 0.075
MAX RADIUS: 1.019
MEAN RADIUS: 0.643
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.607	-0.140
2:	0.967	0.608
3:	0.521	0.933
4:	0.400	0.406
5:	0.066	0.251
6:	-0.270	0.389
7:	-0.091	0.323
8:	-0.266	-0.780
9:	-0.654	-0.374
10:	-0.856	0.181



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6222139. __0

TARGET NUMBER: 3

FILE DATE: 01/12/2006

FILE TIME: 11:21

X CENTROID: -0.026

Y CENTROID: -0.017

POA TO CENTROID: 0.031

HORZ SPREAD: 2.728

VERT SPREAD: 1.720

GROUP SPREAD: 2.741

MIN RADIUS: 0.148

MAX RADIUS: 1.651

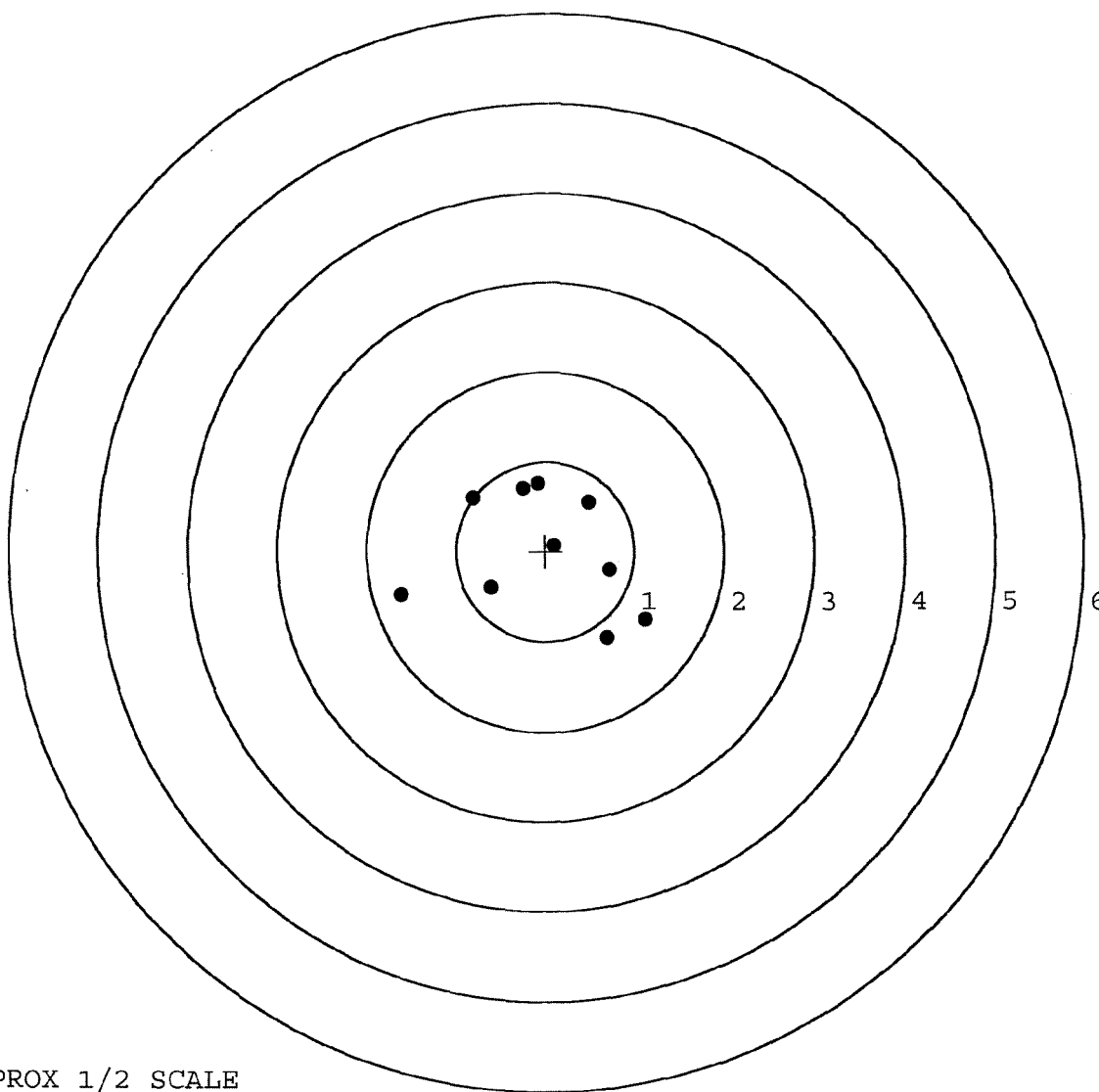
MEAN RADIUS: 0.911

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.693	-0.966
2:	1.121	-0.761
3:	0.716	-0.208
4:	0.482	0.548
5:	0.096	0.066
6:	-0.255	0.702
7:	-0.808	0.596
8:	-0.608	-0.410
9:	-1.607	-0.492
10:	-0.092	0.754

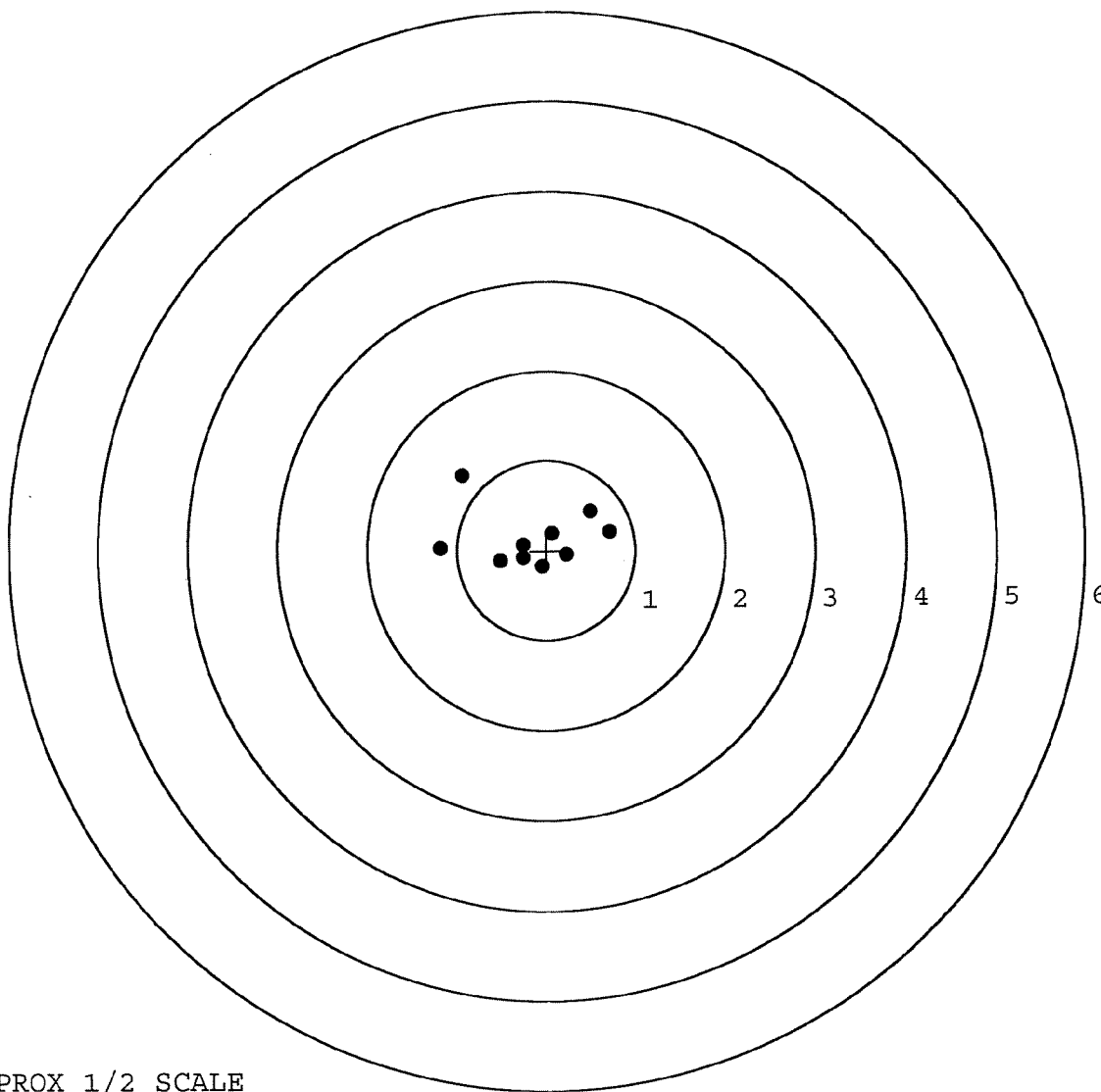


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6222139. __0
TARGET NUMBER: 4
FILE DATE: 01/12/2006
FILE TIME: 11:21

X CENTROID: -0.172
Y CENTROID: 0.133
POA TO CENTROID: 0.217
HORZ SPREAD: 1.896
VERT SPREAD: 1.020
GROUP SPREAD: 1.765
MIN RADIUS: 0.115
MAX RADIUS: 1.040
MEAN RADIUS: 0.547
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.712	0.210
2:	0.498	0.436
3:	-0.939	0.835
4:	-1.184	0.029
5:	0.223	-0.051
6:	0.063	0.188
7:	-0.263	0.062
8:	-0.049	-0.185
9:	-0.519	-0.114
10:	-0.263	-0.082

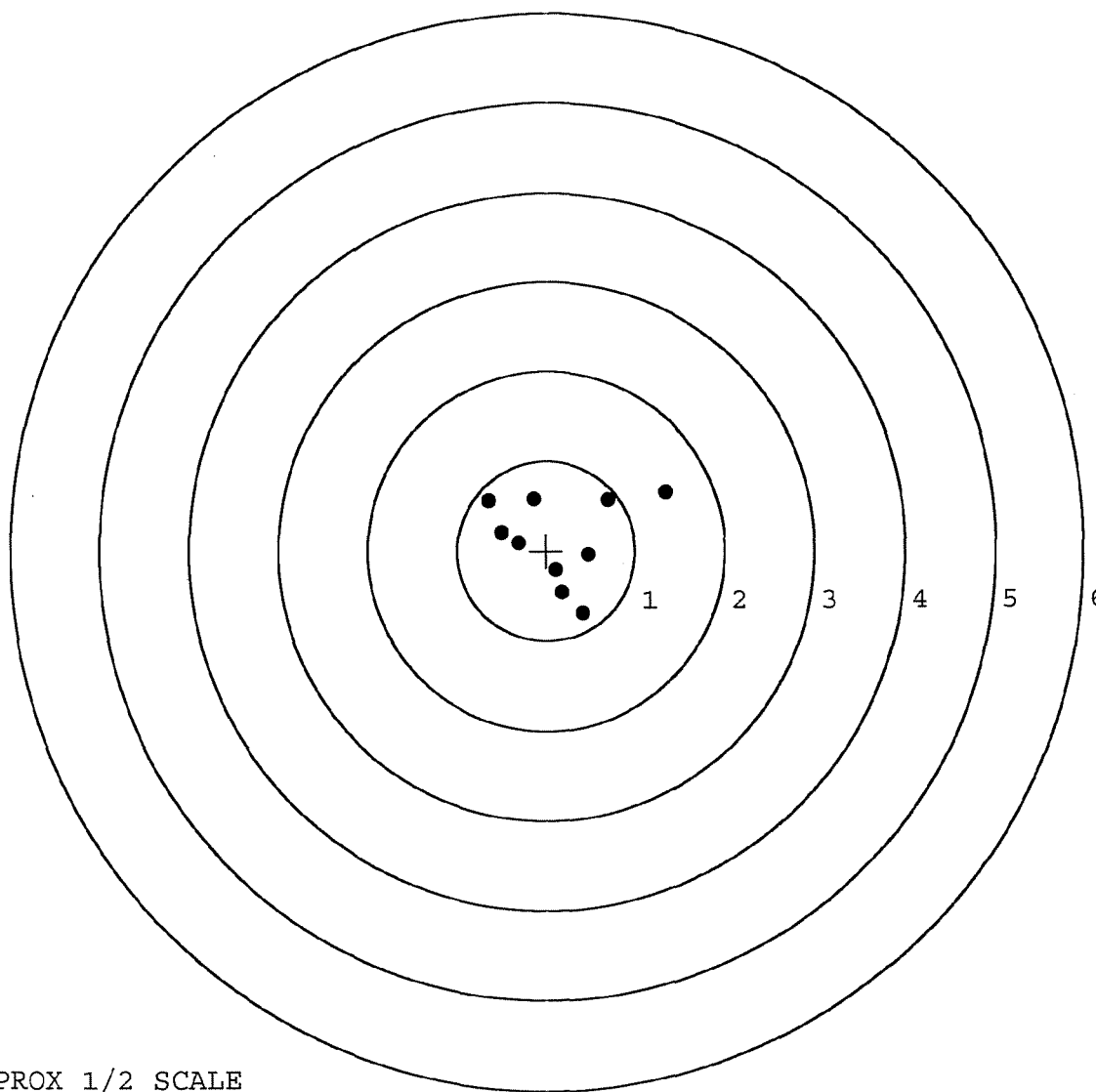


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6222139. __0
TARGET NUMBER: 5
FILE DATE: 01/12/2006
FILE TIME: 11:21

X CENTROID: 0.160
Y CENTROID: 0.124
POA TO CENTROID: 0.203
HORZ SPREAD: 1.995
VERT SPREAD: 1.346
GROUP SPREAD: 1.997
MIN RADIUS: 0.342
MAX RADIUS: 1.294
MEAN RADIUS: 0.675
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.342	0.651
2:	0.693	0.569
3:	0.477	-0.042
4:	0.109	-0.214
5:	0.180	-0.469
6:	0.412	-0.695
7:	-0.311	0.093
8:	-0.509	0.211
9:	-0.653	0.562
10:	-0.141	0.577



TARGET APPROX 1/2 SCALE

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 11-8-05

TESTER S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.49	2.68		2.69	
PULL #2	2.66	2.67		2.66	
PULL #3	2.62	2.60		2.72	
PULL #4	2.64	2.56		2.51	
PULL #5	2.64	2.44		2.65	
TOTAL	13.05	12.95		13.23	
AVERAGE	2.61	2.59		2.65	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	2.88		
PULL #2	3.28	2.98		
PULL #3	2.87	2.97		
PULL #4	3.06	2.93		
PULL #5	3.03	3.12		
TOTAL	15.41	14.88		
AVERAGE	3.08	2.98		

	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	4.14	3.88		3.92
PULL #2	3.72	4.06		3.94
PULL #3	4.23	4.10		4.19
PULL #4	3.84	4.06		4.19
PULL #5	4.33	3.99		4.20
TOTAL	20.26	20.09		20.44
AVERAGE	4.05	4.02		4.09

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	105768		
SERIAL NUMBER	C60522139		
LOG-IN DATE	12-27-05		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-29-05	RTL
505	RE-BARREL	1-4-06	RTL
560	ASSEMBLE	1-4-06	RTL
600	PROOF	1-4-06	AG
605	CHECK HEADSPACE	1-4-06	E
610	DIS-ASSEMBLE GUN	1-4-06	A
612	MAGNAFLUX	1-6-06	und
510	DRILL AND TAP	1-5-06	TRW
615	ROLLMARK CALIBER	1-6-06	CW
618	ROTO-BLAST	1-6-06	LB
620	APPLY COATINGS	1-10-06	HP
625	FINAL ASSEMBLY	1-11-06	RTL
640	FUNCTION TEST AND	(PASS) FAIL	1-12-06 TRW
650	TARGET	PASS FAIL	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		1-12-06 TRW
	A) HEADSPACE	(PASS) FAIL	1-13-06 RTL
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	270 271 263 279 268 RTL
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6-0 6-0 6-0 RTL
	G) SAFETY OFF FORCE	2 LBS	2-0 2-0 2-0 RTL
	I) FIRING PIN INDENT	.020	021 021 022 RTL
690	PACK		1-23-06 DA

Repair Number: RE00077424	Serial: C6522139 Model M24 SWS Center Fire Caliber: 7.62 Nato	Repairman:	Status: Closed 2/18/2004 7:41:19 AM												
Address Information															
Customer: COMMANDER		Received From: COMMANDER													
Address 1: HHC 3 325 AIR		Address 1: HHC 3 325 AIR													
Address 2: PO Box:		Address 2: PO Box:													
City: FORT BRAGG		City: FORT BRAGG													
State: NC Zip Code: 28310 Country: US		State: NC Zip Code: 28310 Country: US													
FFL:															
Contact / Condition	Problems	Estimate	History / Status												
Contact Information Phone: 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 Studs</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Bases</td> <td>3</td> </tr> </tbody> </table>		Code	Desc	Qty	A007	With Studs	3	A010	Hard Case	1	A017	Scope Bases	3
Code	Desc	Qty													
A007	With Studs	3													
A010	Hard Case	1													
A017	Scope Bases	3													
Repair Search		Refresh Close													

neglej 2/18/2004 8:04 AM CAPS NUM INS SCPL

start 3 3 2

Serial Number: **C6522139**
 Model: **M24 SWS**

RE00077424

R & E NUMBER	77424		
SERIAL NUMBER	C6522139		
LOG-IN DATE	2-18-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2-18-04	RTL
560 A	RE-BARREL	2-19-04	RTL
B	DRILL AND TAP	2-20-04	TRW
575	ASSEMBLE	2-19-04	RTL
600	PROOF	2-19-04	AC
605	CHECK HEADSPACE	2-19-04	AC
610	DIS-ASSEMBLE GUN	2-19-04	RTL
612	MAGNAFLUX OPERATOR	2-19-04	RTL
615	ROLLMARK CALIBER	2/25/04	AB
618	ROTO-BLAST	2/26/04	RTL
620	APPLY COATINGS	3-5	TA
625 A	FINAL ASSEMBLY	3-8-04	RTL
B	TRIGGER PULL TEST	3-11-04	DA
C	SAFETY "ON" FORCE	3-11-04	DA
D	SAFETY "OFF" FORCE	3-11-04	DA
E	FIRING PIN INDENT	3-11-04	DA
640	TARGET	3-9-04	AC
655	FINAL INSPECT	3-11-04	RTL
660	PACK	3-11-04	DA
		SHIP DATE	
QAR INSPECTION DATE			

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 2-17-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.50	2.51		2.68	
PULL #2	2.62	2.53		2.69	
PULL #3	2.54	2.55		2.68	
PULL #4	2.38	2.47		2.53	
PULL #5	2.40	2.59		2.52	
TOTAL	12.44	12.65		13.10	
AVERAGE	2.48	2.53		2.62	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.39		
PULL #2	3.08	3.55		
PULL #3	3.13	3.26		
PULL #4	3.04	3.16		
PULL #5	3.03	3.30		
TOTAL	15.34	16.66		
AVERAGE	3.06	3.33		

	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	4.37	4.43		4.42
PULL #2	4.33	4.33		4.14
PULL #3	4.28	4.18		4.11
PULL #4	4.29	4.23		4.21
PULL #5	4.16	4.12		4.03
TOTAL	21.43	21.29		20.91
AVERAGE	4.28	4.25		4.18

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522139.___0
FILE DATE AND TIME: 03/09/2004 07:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.056
The Average Y Centroid of the Five Target Set:	-0.023
The Average Point of Impact of the Five Target Set:	0.061
The Average Mean Radius of the Five Target Set:	0.662
The Distance from POA to Centroid Target #1:	0.161
The Distance from Centroid Target #2 to Centroid Target #1:	0.312
The Distance from Centroid Target #3 to Centroid Target #1:	0.249
The Distance from Centroid Target #4 to Centroid Target #1:	0.189
The Distance from Centroid Target #5 to Centroid Target #1:	0.133

SERIAL NUMBER: C6522139. __0

TARGET NUMBER: 1

FILE DATE: 03/09/2004

FILE TIME: 07:32

X CENTROID: -0.082

Y CENTROID: 0.138

POA TO CENTROID: 0.161

HORZ SPREAD: 1.871

VERT SPREAD: 2.285

GROUP SPREAD: 2.402

MIN RADIUS: 0.095

MAX RADIUS: 1.342

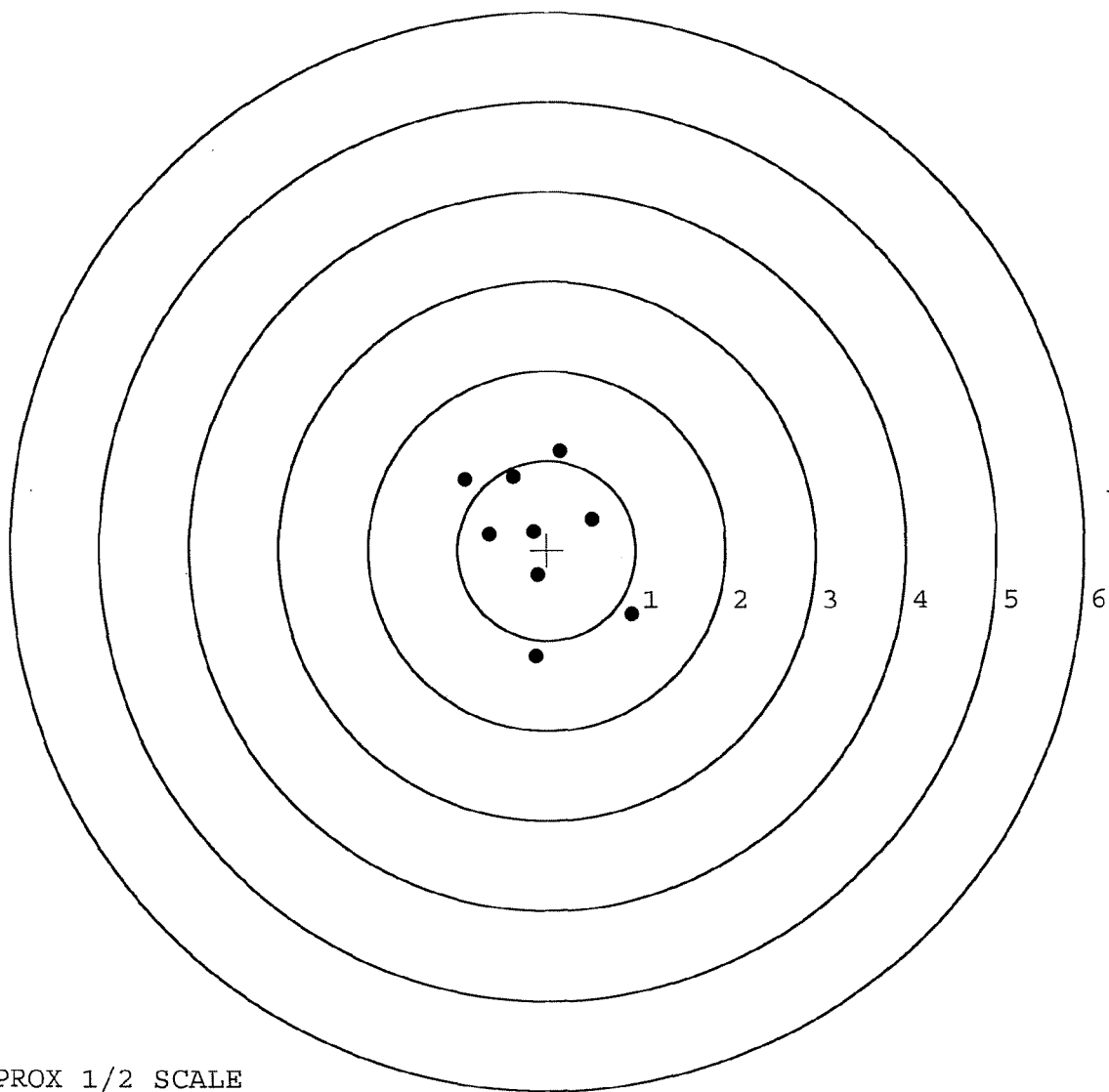
MEAN RADIUS: 0.796

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.951	-0.719
2:	-0.132	-1.183
3:	0.503	0.343
4:	-0.111	-0.283
5:	-0.150	0.204
6:	-0.644	0.175
7:	-0.920	0.788
8:	-0.384	0.818
9:	0.149	1.102



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522139. __0

TARGET NUMBER: 2

FILE DATE: 03/09/2004

FILE TIME: 07:32

X CENTROID: 0.109

Y CENTROID: -0.108

POA TO CENTROID: 0.154

HORZ SPREAD: 0.957

VERT SPREAD: 3.265

GROUP SPREAD: 3.330

MIN RADIUS: 0.153

MAX RADIUS: 1.701

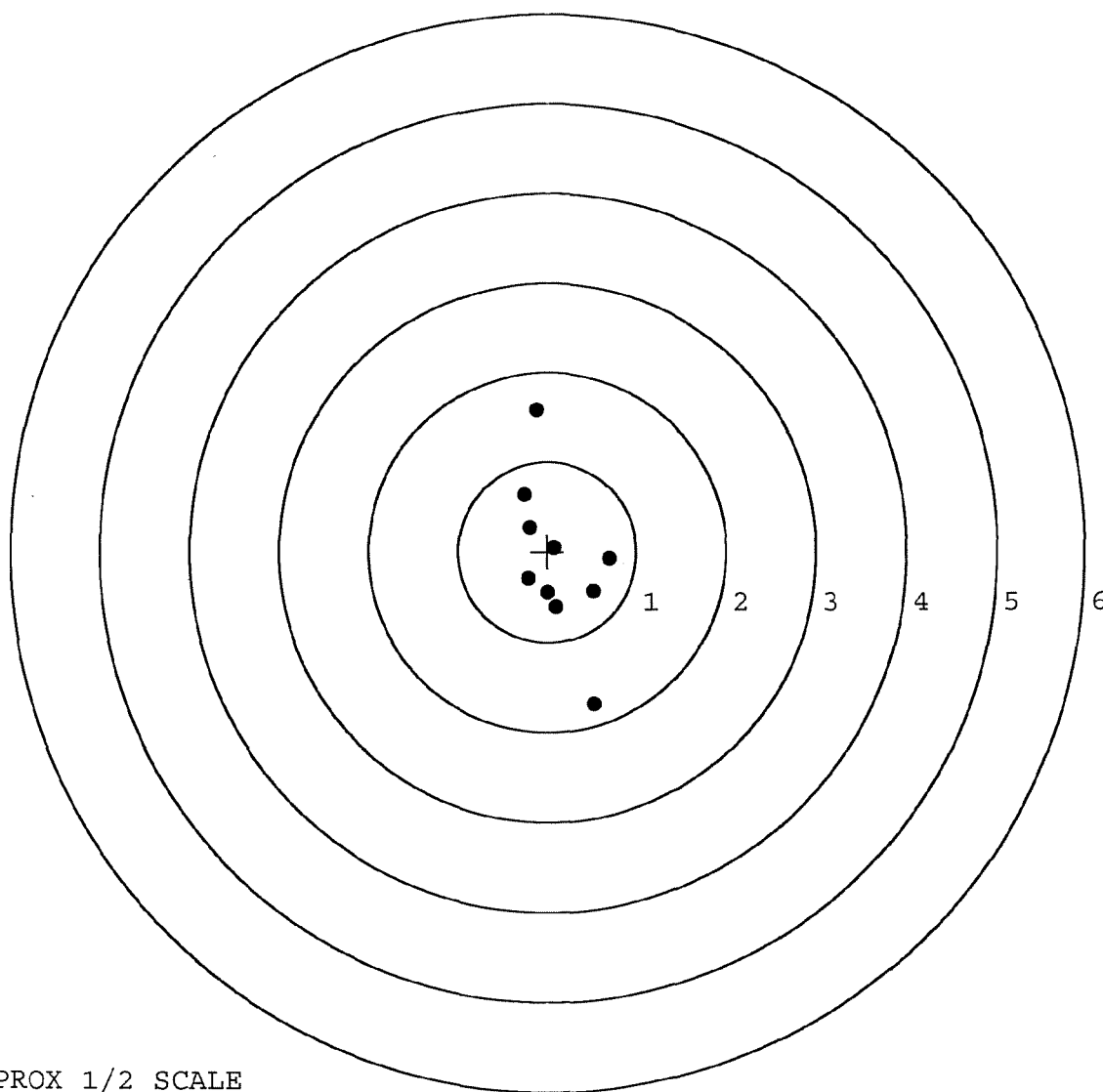
MEAN RADIUS: 0.716

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.521	-1.690
2:	0.695	-0.079
3:	0.514	-0.437
4:	0.097	-0.620
5:	0.004	-0.455
6:	-0.216	-0.306
7:	0.074	0.040
8:	-0.201	0.260
9:	-0.262	0.628
10:	-0.132	1.575



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522139. 0

TARGET NUMBER: 3

FILE DATE: 03/09/2004

FILE TIME: 07:32

X CENTROID: -0.067

Y CENTROID: -0.110

POA TO CENTROID: 0.129

HORZ SPREAD: 1.084

VERT SPREAD: 2.620

GROUP SPREAD: 2.637

MIN RADIUS: 0.254

MAX RADIUS: 1.353

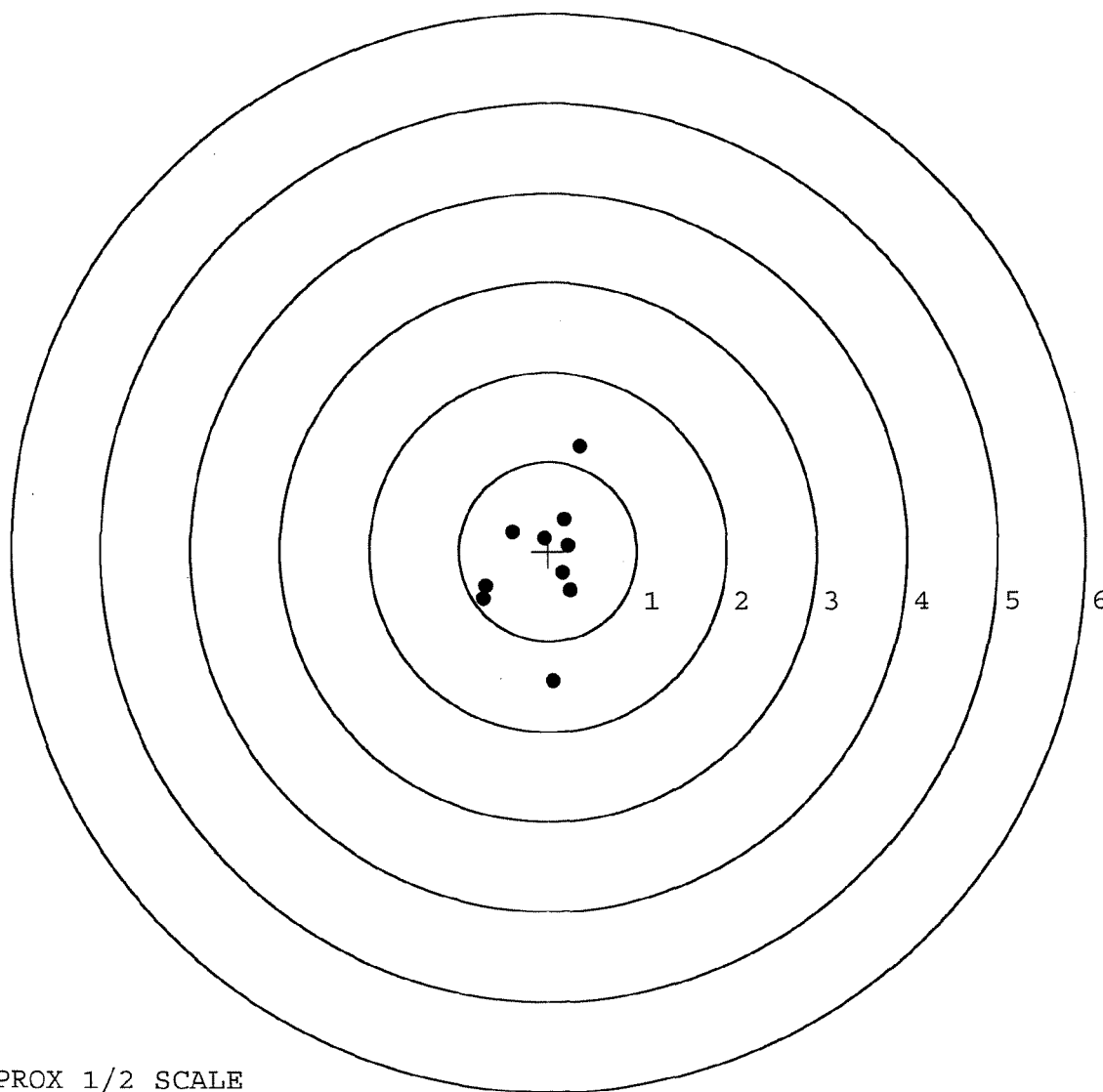
MEAN RADIUS: 0.648

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.057	-1.445
2:	-0.728	-0.530
3:	-0.701	-0.393
4:	-0.412	0.215
5:	0.356	1.175
6:	0.174	0.358
7:	-0.045	0.143
8:	0.222	0.060
9:	0.162	-0.243
10:	0.248	-0.439



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522139. 0

TARGET NUMBER: 4

FILE DATE: 03/09/2004

FILE TIME: 07:32

X CENTROID: -0.111

Y CENTROID: -0.048

POA TO CENTROID: 0.121

HORZ SPREAD: 1.162

VERT SPREAD: 1.812

GROUP SPREAD: 1.813

MIN RADIUS: 0.171

MAX RADIUS: 1.247

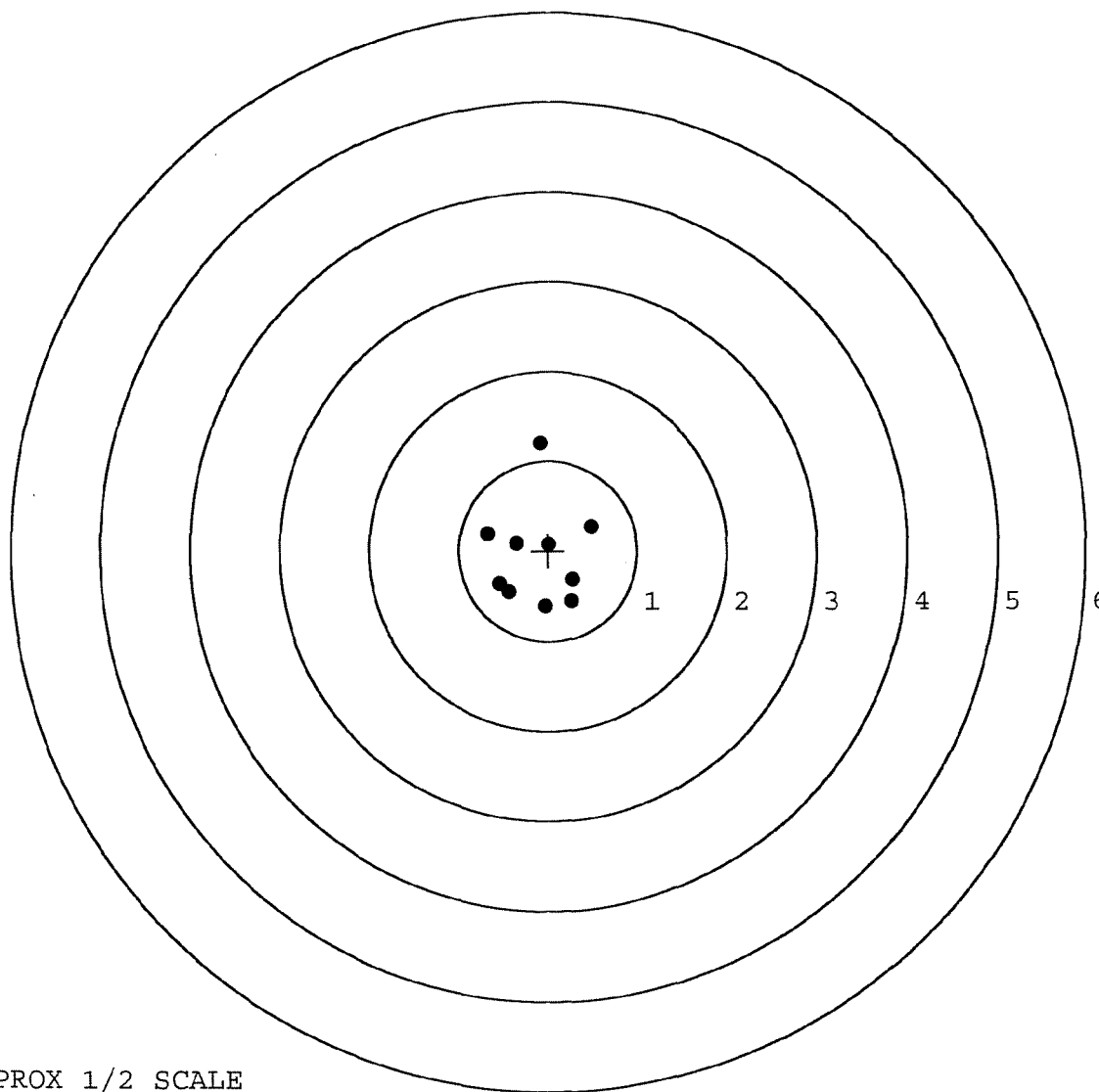
MEAN RADIUS: 0.572

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.482	0.271
2:	-0.087	1.198
3:	-0.680	0.192
4:	-0.356	0.084
5:	0.010	0.072
6:	-0.547	-0.361
7:	-0.441	-0.459
8:	0.274	-0.317
9:	0.265	-0.549
10:	-0.034	-0.614



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522139.___0

TARGET NUMBER: 5

FILE DATE: 03/09/2004

FILE TIME: 07:32

X CENTROID: -0.131

Y CENTROID: 0.014

POA TO CENTROID: 0.131

HORZ SPREAD: 1.051

VERT SPREAD: 1.527

GROUP SPREAD: 1.839

MIN RADIUS: 0.206

MAX RADIUS: 0.941

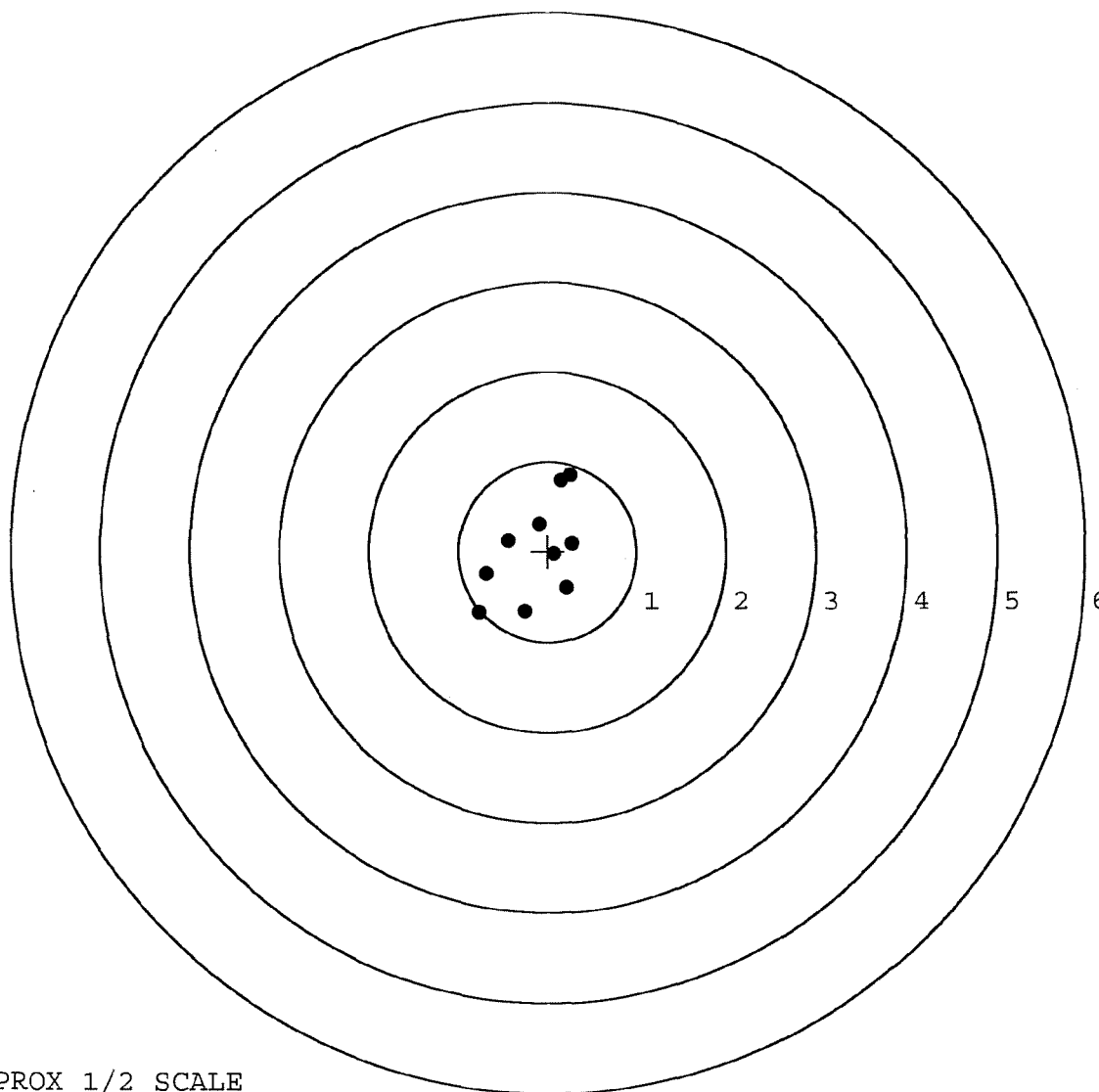
MEAN RADIUS: 0.579

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.771	-0.676
2:	-0.261	-0.671
3:	-0.689	-0.247
4:	-0.444	0.126
5:	-0.104	0.304
6:	0.151	0.791
7:	0.253	0.851
8:	0.280	0.098
9:	0.071	-0.029
10:	0.209	-0.407



TARGET APPROX 1/2 SCALE

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO <u>1</u>	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R7)
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER <u>WH92T, 1</u>	1b. CUSTOMER UNIT NAME <u>AME 3-325</u>	1c. PHONE NO <u>432-5059</u>	3a. WORK ORDER NUMBER (WON)		3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE <u>0</u>	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA						
5. TYPE MINT REQ CODE	6. ID <u>A</u>	7. NSN <u>1005012402136</u>	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751			
8. MODEL <u>M24 SWS</u>	9. NOUN <u>Sniper Weapon System</u>		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K	
10a. ORG WON/DOC NO	10b. EIC		H R			
11. SERIAL NUMBER <u>0652134</u>	12. QTY <u>0001</u>	13. PD <u>0.2</u>	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use) <u>T/I</u>			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)			
			22. LEVEL OF WORK		23. SIGNATURE	
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)						
25. REMARKS						

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

Block 1a. Enter UIC of submitting organization.
Block 1b. Enter name of submitting organization.
Block 1c. Enter number to be called when maint. is completed.
Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.
Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.
Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.

SECTION II

Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.

SECTION III

Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.
Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.
Block 7. Enter the NSN or stock number of the item being submitted.
Block 8. Enter model of item being submitted.
Block 9. Enter noun/nomenclature of item being submitted.
Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.
Block 10b. Enter End Item Code. See AMDF.
Block 11. Enter serial number of item being submitted.

SECTION III (Cont'd)

Block 12. Enter the quantity of items being submitted.
Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.
Block 14. For DSU, GSU/AVIM, DEPOT use.
Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.
Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.
Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.
Block 17. Enter the project code if one has been assigned. If not, leave blank.
Block 18. See DA Pamphlets 738-750 and 738-751.
Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.
Block 21. For DSU/GSU/AVIM/Depot use.
Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.
Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.
Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.
Block 25. Self-explanatory.

34a. SUBMITTED BY	35a. ACCEPTED BY	35c. DATE
34b. DATE	35b. STATUS	35d. TIME

Block 34a. Enter first initial and last name of submitter.
Block 34b. Enter ordinal date submitted (YYDDD).
Block 35a. Enter first initial and last name of person accepting maint. request.
Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.
Block 35c. Enter ordinal date accepted (YYDDD).
Block 35d. Enter military time.

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

0607th SB
Armament Section
0607th SB
J
H

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R99-14286

INITIAL CUSTOMER ORDER NO.

SWS

DATE RECEIVED 07/19/99 DATE OPENED 07/20/99 DATE CODE DK 9-90 SERIAL NUMBER C6522139 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62 M24

ACCESSORIES W/STUDS SCOPE BASE HARD CASE

FROM:

SHIP TO:

DEPT OF THE ARMY
ATTN: SSG RONALD HAMPTON
HHC 3-3-25TH AIR
FORT BRAGG NC 28307

DEPT OF THE ARMY
ATTN: SSG RONALD HAMPTON
HHC 3-3-25TH AIR
FORT BRAGG NC 28307

CUST. NO: 212163 C.O.L.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

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			F1	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

Barrel 96003

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RW
RW

✓

✓

✓

✓

9-2-99

9-7-99

9-7-99

OFFICE COPY

RD5925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400164655

DOCUMENT IDENTIFIER			ROUTING IDENTIFIER			M & S	MANUFACTURER'S CODE AND PART NUMBER *																UNIT OF ISSUE	QUANTITY										DOCUMENT NUMBER																		
							FSCM						PART NUMBER																					SERV	REQUISITIONER				DATE				SERIAL									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43										
F	T	E	B	1	4	2	1	0	0	5	0	1	2	4	0	2	1	3	6			E	A	0	0	0	0	1	W	3	6	0	0	0	9	1	7	9	5	0	0	6										
DEMAND		SERV		SUPPLEMENTARY ADDRESS			SIGNAL	FUND CODE		DISTRIBUTION CODE		PROJECT CODE		PRIORITY		RE-REQUIRED DELIVERY DATE		ADVICE CODE		BLANK																REJECT CODE (FOR USE BY SUPPLY SOURCE ONLY)																
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	65	66														
W	H	9	Z	T	O																																															
IDENTIFICATION DATA																																																				
* 1. MANUFACTURER'S CODE & PART NO. (When they exceed Card Columns 8 thru 22)																						2. MANUFACTURER'S NAME REMINGTON ARMS CO. INC.																														
3. MANUFACTURER'S CATALOG IDENTIFICATION AND DATE																													4. TECHNICAL ORDER NUMBER																							
5. TECHNICAL MANUAL NUMBER																						6. NAME OF ITEM REQUESTED M24 SNIPER WEAPON SYSTEM																														
7. DESCRIPTION OF ITEM REQUESTED LIN#R95387																														7a. COLOR																						
																														7b. SIZE																						
8. END ITEM APPLICATION AND SOURCE OF SUPPLY																																																				
8a. MAKE																						8b. MODEL NUMBER										8c. SERIES										8d. SERIAL NUMBER C6522139										
9. REQUISITIONER (Clear Text Name and Address) SSG RONALD HAMPTON HHC 3-325th AIR FT. BRAGG, NC. 28307-5100 TEL...DSN 239-5059/9621 COM...(910)432-5059/9621																						10. REMARKS WEAPON IS BEING RETURNED FOR REPAIR. THE FREE FLOATING BARREL IS RUBBING AGAINST THE STOCK.																														

DD FORM 1 APR 77 1348-6 EDITION OF 1 MAR 74 MAY BE USED UNTIL EXHAUSTED

NON-NSN REQUISITION (MANUAL)

DOCUMENT IDENTIFIER			ROUTING IDENTIFIER			M & S	MANUFACTURER'S CODE * AND PART NUMBER																UNIT OF ISSUE	QUANTITY			DOCUMENT NUMBER																									
							FSCM								PART NUMBER												SERV			REQUISITIONER			DATE			SERIAL																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43										
A	O	E					1	0	0	5	0	1	2	4	0	2	1	3	6			E	A	G	G	0	0	1	W	3	6	Q	0	Q	9	1	7	9	5	0	0	7										
DEMAND		SUPPLEMENTARY ADDRESS		SIGNAL		FUND CODE		DISTRIBUTION CODE		PROJECT CODE		PRIORITY		RE-REQUIRED DELIVERY DATE		ADVICE CODE		BLANK																						REJECT CODE (FOR USE BY SUPPLY SOURCE ONLY)												
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82														
W	H	9	Z	T	G																																															
IDENTIFICATION DATA																																																				
* 1. MANUFACTURER'S CODE & PART NO. (When they exceed Card Columns 8 thru 22)																						2. MANUFACTURER'S NAME Remington Arms Co.																														
3. MANUFACTURER'S CATALOG IDENTIFICATION AND DATE LIN#R95387																						4. TECHNICAL ORDER NUMBER 82nd PBO Team #2 Approved																														
5. TECHNICAL MANUAL NUMBER																						6. NAME OF ITEM REQUESTED M24 SNIPER WEAPON SYSTEM																														
7. DESCRIPTION OF ITEM REQUESTED																						7a. COLOR 0002																														
																						7b. SIZE																														
8. END ITEM APPLICATION AND SOURCE OF SUPPLY																																																				
8a. MAKE																						8b. MODEL NUMBER											8c. SERIES											8d. SERIAL NUMBER C6522139								
9. REQUISITIONER (Clear Text Name and Address) SSG RONALD HAMPTON HHC 3/325th AIR FORT BRAGG, NC 28307-5100 TEL...DSN 239-5059/9621 COM...(910)432-5059/9621																						10. REMARKS WEAPON IS BEING RETURNED FOR REPAIR AND RETURN. THE FREE FLOATING BARREL IS RUBBING AGAINST THE STOCK.																														

DD FORM 1 APR 77 1348-6 EDITION OF 1 MAR 74 MAY BE USED UNTIL EXHAUSTED

NON-NSN REQUISITION (MANUAL)

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

50 50000 5000 5000 50

$\mathbb{P}^1 \times \mathbb{P}^1 \rightarrow \mathbb{P}^1$ is a $\mathbb{P}^1$ -bundle over $\mathbb{P}^1$. The total space is a $\mathbb{P}^1$ -bundle over $\mathbb{P}^1$. The total space is a $\mathbb{P}^1$ -bundle over $\mathbb{P}^1$.

HEADER V1 00

Remington Test Lab, Ilion, N.Y.

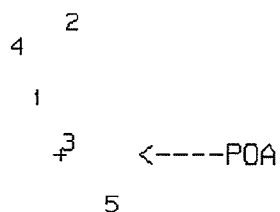
Centroidal distance calculations for Rifle # c6522139
9 Sep 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0002
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3498
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .3498

THE AMR FOR THIS RIFLE IS: 1.182

CENTROIDAL DISTANCES

0 TO	1	.415194
1 TO	2	.563773
1 TO	3	.36967
1 TO	4	.377334
1 TO	5	.8836



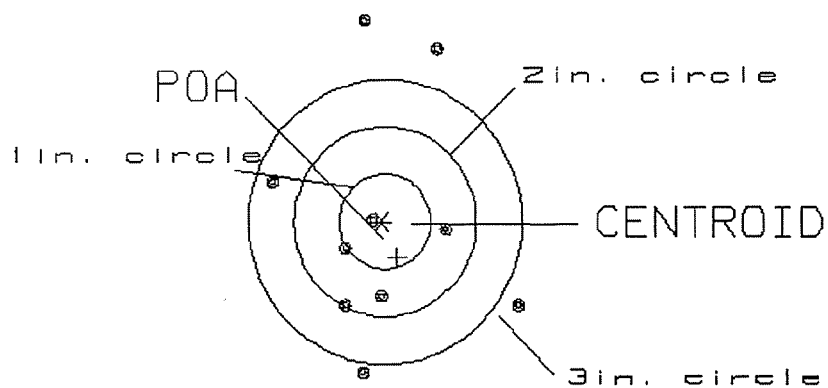
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .415
 MIN RADIUS : .121
 MEAN RADIUS : 1.165
 MAX RADIUS : 2.121
 CENTROID X : -.165
 CENTROID Y : .381

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522139

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.65

1

VS= 3.67

5

GS= 3.67

6

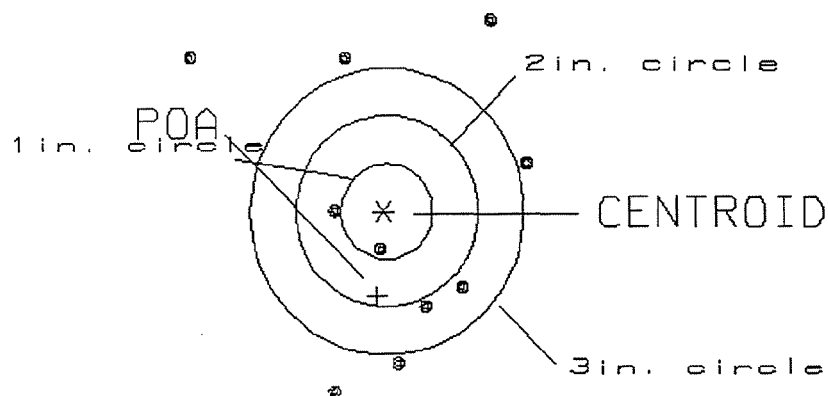
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .895
 MIN RADIUS : .413
 MEAN RADIUS : 1.511
 MAX RADIUS : 2.741
 CENTROID X : .071
 CENTROID Y : .893

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522139

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.72
 VS= 3.91
 GS= 4.27

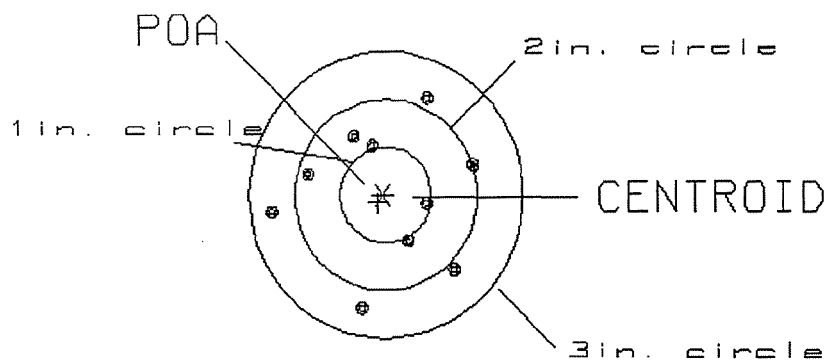
1
 2
 4

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .096
 MIN RADIUS : .482
 MEAN RADIUS : .874
 MAX RADIUS : 1.219
 CENTROID X : .051
 CENTROID Y : .081

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522139

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.13
 VS= 2.21
 GS= 2.29

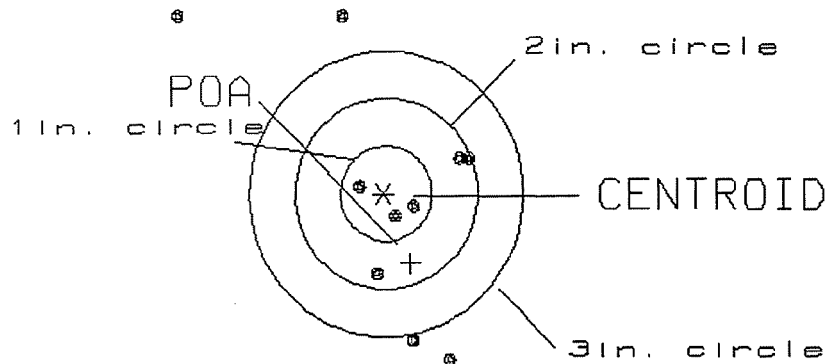
1
 6
 10

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .792
 MIN RADIUS : .270
 MEAN RADIUS : 1.208
 MAX RADIUS : 2.988
 CENTROID X : -.306
 CENTROID Y : .731

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522139

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.28
 VS= 3.64
 GS= 4.77

3
 5
 6

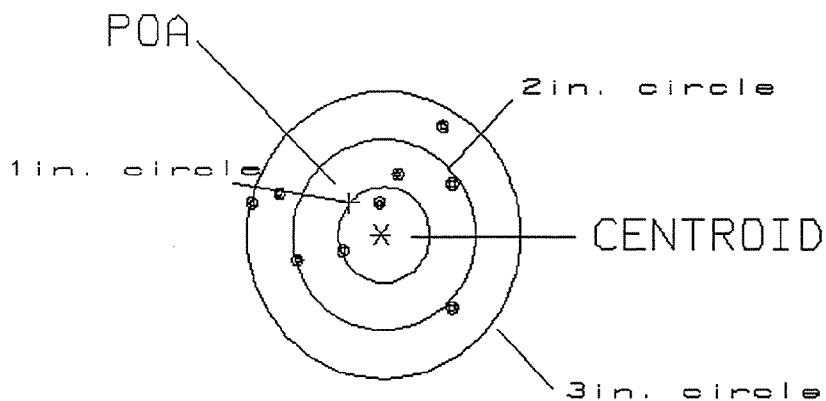
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .486
 MIN RADIUS : .324
 MEAN RADIUS : 1.150
 MAX RADIUS : 2.932
 CENTROID X : .350
 CENTROID Y : -.337

9 Sep 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6522139

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.23
 VS= 3.48
 GS= 4.22

1
 4
 9

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *C6522139*

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	<i>7-22-99</i>	<i>RW</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>7-26-99</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>7-26-99</i>	<i>RW</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX	<i>7-26-99</i>	
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	<i>9-7-99</i>	<i>RW</i>
655	FINAL INSPECT	<i>9-10-99</i>	
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6522139

DATE REC'D: 7-19-99

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: _____




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

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

MODEL 700™ H24

SERIAL NO. C6522139

ORDER NO. 5716

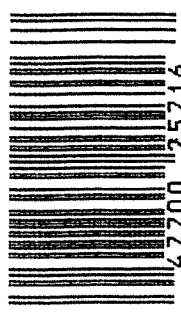
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Ø1



5716 C6522139

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6522139*

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	<i>RW</i>
600	Proof	9 25	90	<i>RW</i>
607	Check Headspace	9 25	90	<i>RW</i>
610	Dis-assemble Gun	9		<i>RW</i>
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	<i>L.S.</i>
617	Drill and Tap Sight Holes		9/28/90	<i>KB</i>
618	Polish Barrel <i>KB</i>		10/1/90	<i>WB</i>
620	Apply Coatings (Barrel Action)		10-5-90	<i>JA</i>
	Apply Coating (Bolt)		10-5-90	<i>JA</i>
625	Final Assembly			
	A) Clean inside of Bolt Assembly		10/8/90	<i>RW</i>
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	<i>RW</i>
	C) Inspect Ejector Hole for Chamfer		10/8/90	<i>RW</i>
	D) Oil Firing Pin Ass'y		10/8/90	<i>RW</i>
	E) Adjust Trigger Pull to Min Setting and Stake		10/9/90	<i>WB</i>

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			10/9/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			10/9/90	WB
	H) Trigger Pull Test & Retainability						10/9/90	WB
	I) Firing Pin Indent	.023	.0225	.023			10/9/90	WB
	J) Assemble Stock						10/9/90	RW
	K) Assemble Swivel Studs						2 NOV 90	928
	L) Attach Front and Rear Sight Assemblies						10/9/90	RW
	M) Iron Sight Alignment						10/9/90	RW
	N) Detach Front & Rear Sights & place in numbered container						10/9/90	RW
	O) Attach Scope to Rifle						10/9/90	RW
	P) Detach & Attach Scope 20 Times						10/9/90	RW
640	Gallery Target & Test						10-10-90	DH
	A) Time						10-10-90	DH
	B) Malfunctions						10-10-90	DH
	C) Pierced Primers						10-10-90	DH
	D) Optical Clarity of Scope						10-10-90	DH
645	Inspect for Live Ammo						10-10-90	DH
655	Final Inspection							
	A) Headspace						2 NOV 90	928
	B) Trigger Pull	228	214	212	209	213	2 NOV 90	928
	C) Function						2 NOV 90	928
660	Pack						12-17-90	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6522139

DATE 10/2/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.32	2.32	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.44	2.28	2.25	2.16	
PULL #3	2.46	2.29	2.30	2.12	
PULL #4	2.51	2.30	2.25	2.09	
PULL #5	2.43	2.33	2.31	2.13	
TOTAL	12.21	11.52	11.43		
AVG.	2.44	2.30	2.28		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.30		
PULL #2	3.35	3.08		
PULL #3	3.36	3.28		
PULL #4	3.40	3.19		
PULL #5	3.39	3.30		
TOTAL	16.85	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 & ACCURACY
PULL #1	4.26	4.26		4.25
PULL #2	4.25	4.24		4.26
PULL #3	4.26	4.26		4.26
PULL #4	4.21	4.21		4.29
PULL #5	4.28	4.23		4.32
TOTAL	21.26	21.20		21.38
AVG.	4.25	4.24		4.27

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522139
10 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.134466
1 TO	2	.136624
1 TO	3	.241338
1 TO	4	.196311
1 TO	5	.206886

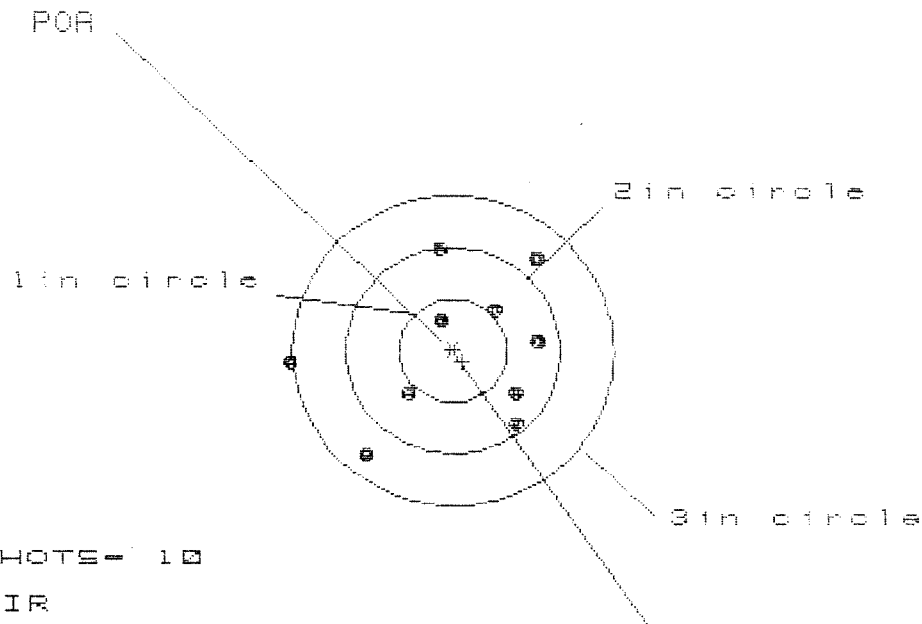
3# (----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.087
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0052
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0871553
THE AMR FOR THIS RIFLE IS: .84

12 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522139

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 9

HS= 2.278

VS= 1.997

GS= 2.460

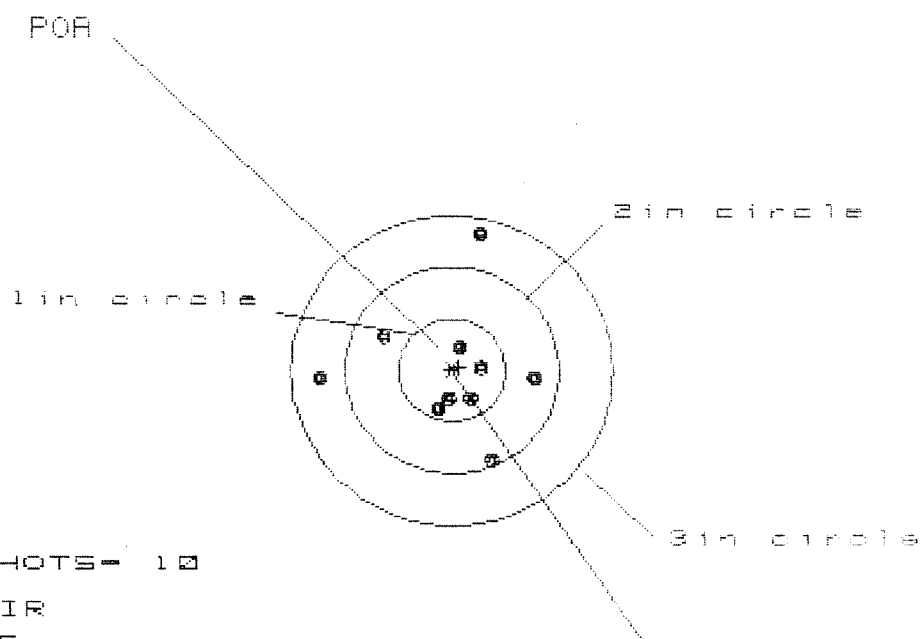
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.758	.589	.460
MINIMUM X	-1.520	-1.032	-.727
MAXIMUM Y	1.011	1.000	.875
MINIMUM Y	-.986	-.997	-.877
CENTROID X	-.084	.085	.214
CENTROID Y	.105	.116	.241
POR TO CENTROID in.	.134	.144	.322
MIN RADIUS	.355	.428	.266
MEAN RADIUS	.897	.802	.691
MAX RADIUS	1.523	1.435	.983
HORIZONTAL SPREAD	2.278	1.621	1.187
VERTICAL SPREAD	1.997	1.997	1.752
EXTREME SPREAD	2.460	2.448	1.899
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522139

CENTERFIRE PATTERNS # 2



OF SHOTS - 10

IN CIR

1 in - 5

2 in - 8

3 in - 10

HS - 2.034

VS - 2.265

GS - 2.266

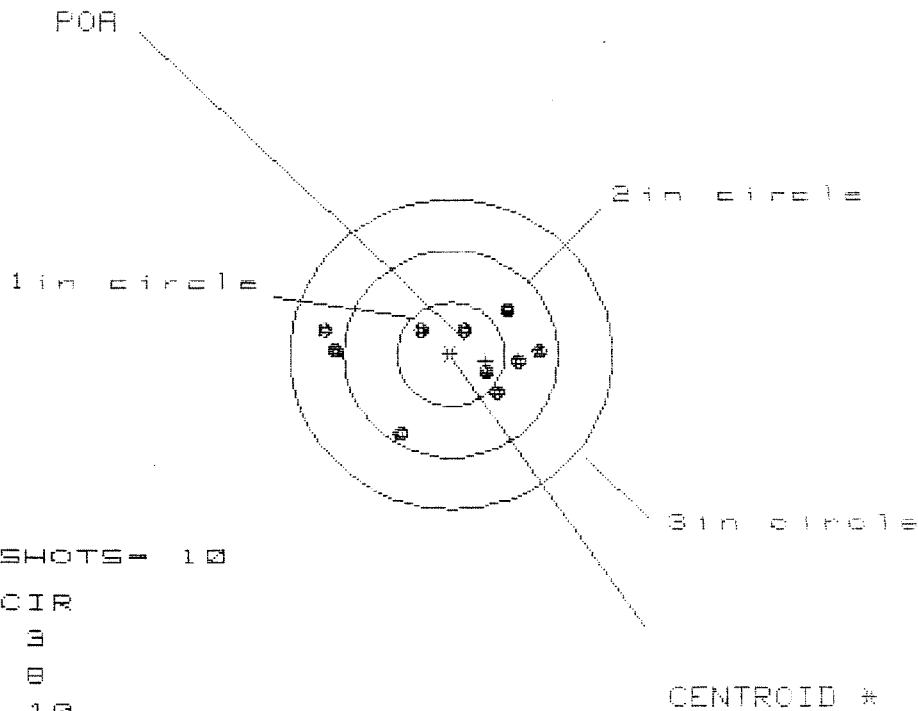
CENTROID *

PATTERN #	2	2	2
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.810	.845	.696
MINIMUM X	-1.224	-1.189	-1.788
MAXIMUM Y	1.360	.457	.464
MINIMUM Y	-.905	-.753	-.747
CENTROID X	-.063	-.098	.051
CENTROID Y	-.030	-.182	-.189
POA TO CENTROID in.	.070	.206	.195
MIN RADIUS	.254	.145	.101
MEAN RADIUS	.661	.553	.447
MAX RADIUS	1.396	1.191	.914
HORIZONTAL SPREAD	2.034	2.034	1.484
VERTICAL SPREAD	2.265	1.210	1.210
EXTREME SPREAD	2.266	2.034	1.598
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

10 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522139

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 10

HS= 2.041

VS= 1.201

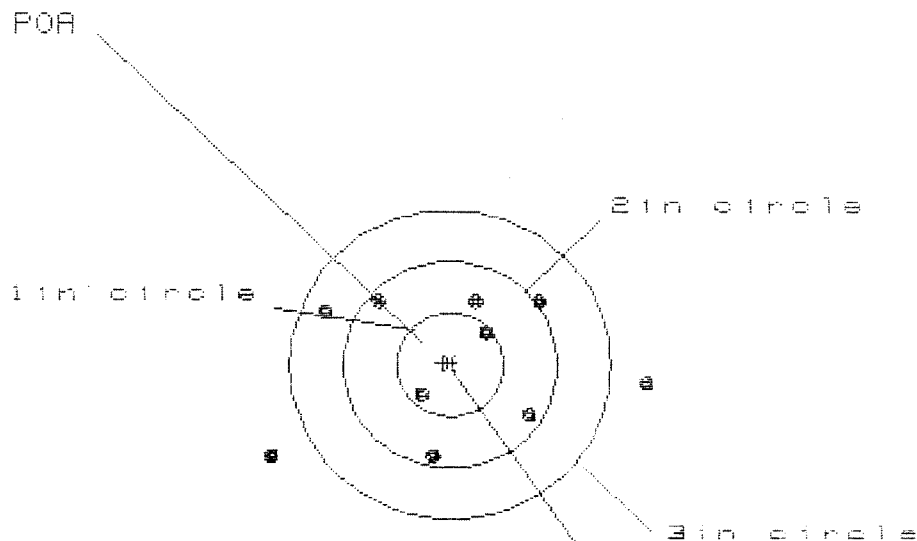
GS= 2.049

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.866	.736	.589
MINIMUM X	:	-1.175	-1.173	-.723
MAXIMUM Y	:	.475	.504	.514
MINIMUM Y	:	-.726	-.697	-.687
CENTROID X	:	-.322	-.192	-.045
CENTROID Y	:	.065	.036	.026
POA TO CENTROID in.	:	.329	.195	.052
MIN RADIUS	:	.239	.232	.107
MEAN RADIUS	:	.683	.597	.489
MAX RADIUS	:	1.202	1.176	.997
HORIZONTAL SPREAD	:	2.041	1.909	1.312
VERTICAL SPREAD	:	1.201	1.201	1.201
EXTREME SPREAD	:	2.049	1.909	1.538
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522139

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 3.508

VS= 1.494

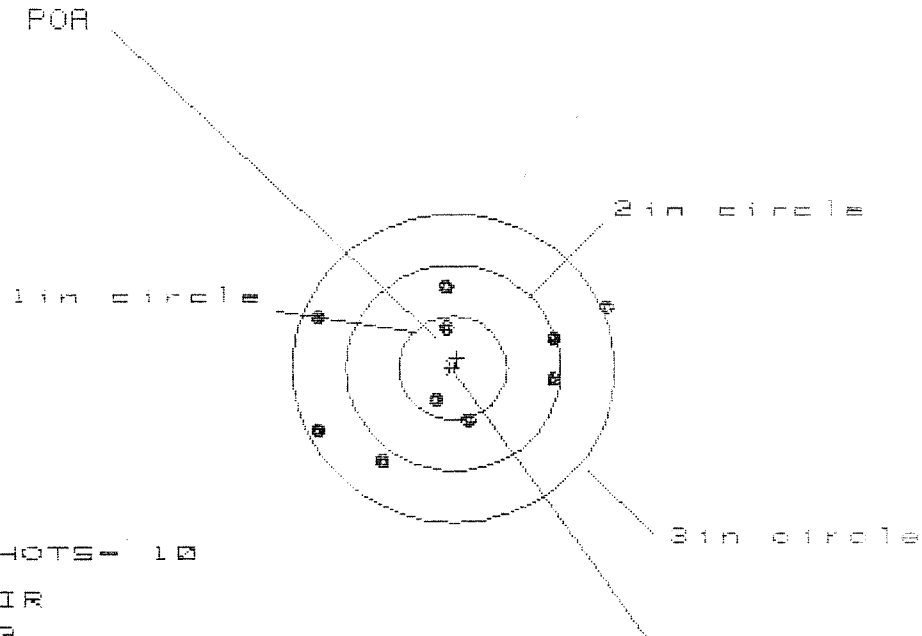
GS= 3.566

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.843	1.658	.897
MINIMUM X	-1.665	-1.357	-1.150
MAXIMUM Y	.640	.546	.507
MINIMUM Y	-.854	-.939	-.978
CENTROID X	.069	.254	.047
CENTROID Y	-.018	.076	.115
POA TO CENTROID in.	.072	.266	.124
MIN RADIUS	.437	.252	.386
MEAN RADIUS	1.018	.900	.795
MAX RADIUS	1.871	1.686	1.205
HORIZONTAL SPREAD	3.508	3.015	2.047
VERTICAL SPREAD	1.494	1.485	1.485
EXTREME SPREAD	3.566	3.097	2.101
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

10 Oct 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08522139

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.657

VS= 1.695

GS= 2.892

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.397	1.134	1.000
MINIMUM X	:	-1.260	-1.105	-1.238
MAXIMUM Y	:	.751	.816	.745
MINIMUM Y	:	-.944	-.879	-.951
CENTROID X	:	-.035	-.190	-.057
CENTROID Y	:	-.096	-.161	-.089
POA TO CENTROID in.	:	.102	.249	.106
MIN RADIUS	:	.352	.254	.349
MEAN RADIUS	:	.941	.968	.814
MAX RADIUS	:	1.515	1.241	1.334
HORIZONTAL SPREAD	:	2.657	2.239	2.239
VERTICAL SPREAD	:	1.695	1.695	1.695
EXTREME SPREAD	:	2.892	2.389	2.313
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	