

C6225182

MODEL 700™ M24

Model **700 M24™**

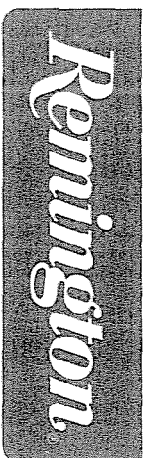
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: **RE00085936** Serial: C6225182 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/4/2004 10:56:55 AM

Verify Repair

Address Information

Customer: (a) Received From: Return To: (c) Received From:

Name: TRANSPORTATION OFFICER TRANSPORTATION OFFICER

Address 1: SENSITIVE STORAGE SENSITIVE STORAGE

Address 2: BLDG 9660 PO Box: BLDG 9660 PO Box:

City: FORT LEWIS FORT LEWIS

State: WA Zip Code: 98433 Country: US State: WA Zip Code: 98433 Country: US

FFL: [] [] [] [] [] [] [] []

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information:

Phone: 253 967 5516

Fax:

Email:

Comments:

Received Condition:

Fair

Condition Notes:

CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Studs	3
A017	Scope Bases	3

Repair Search Refresh Close

magletj 10/4/2004 11:26 AM CAPS NUM IINS SCPL

start 3 4 Arms Services RL M

Serial Number: **C6225182**

Model: **M24 SWS**



RE00085936

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225182.___0

FILE DATE AND TIME: 11/08/2004 02:46

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.233
The Average Y Centroid of the Five Target Set:	-0.148
The Average Point of Impact of the Five Target Set:	0.276
The Average Mean Radius of the Five Target Set:	0.689
The Distance from POA to Centroid Target #1:	0.285
The Distance from Centroid Target #2 to Centroid Target #1:	0.673
The Distance from Centroid Target #3 to Centroid Target #1:	0.373
The Distance from Centroid Target #4 to Centroid Target #1:	0.311
The Distance from Centroid Target #5 to Centroid Target #1:	0.208

SERIAL NUMBER: C6225182. __0

TARGET NUMBER: 1

FILE DATE: 11/08/2004

FILE TIME: 02:46

POINT#	X	Y
1:	0.823	2.405
2:	-0.090	0.198
3:	0.281	0.242
4:	0.127	-0.095
5:	0.392	-0.227
6:	-0.768	-0.555
7:	-0.137	-0.625
8:	0.099	-0.650
9:	0.339	-1.203
10:	0.911	-1.540

X CENTROID: 0.198

Y CENTROID: -0.205

POA TO CENTROID: 0.285

HORZ SPREAD: 1.679

VERT SPREAD: 3.945

GROUP SPREAD: 3.946

MIN RADIUS: 0.131

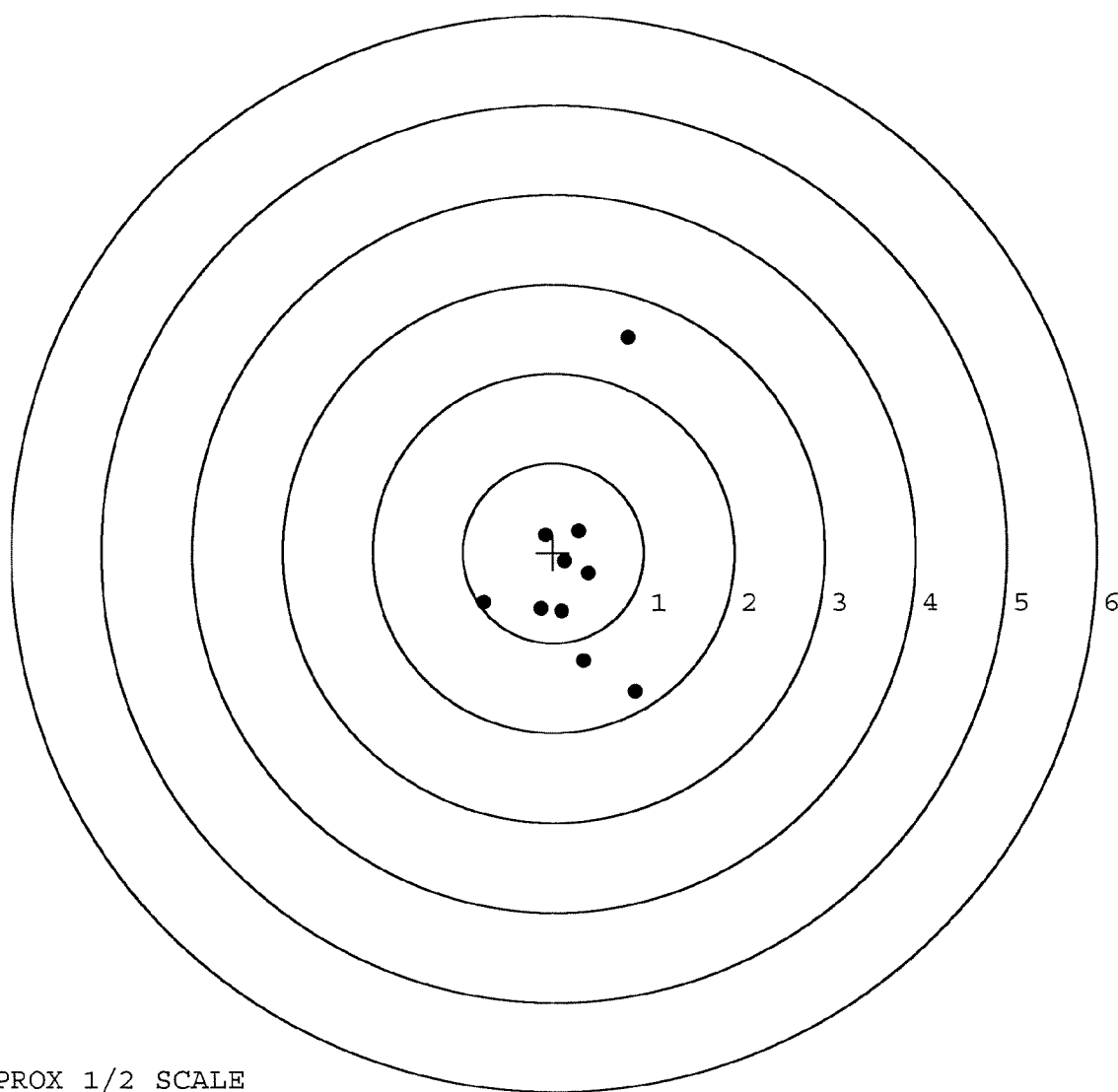
MAX RADIUS: 2.684

MEAN RADIUS: 0.850

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 6

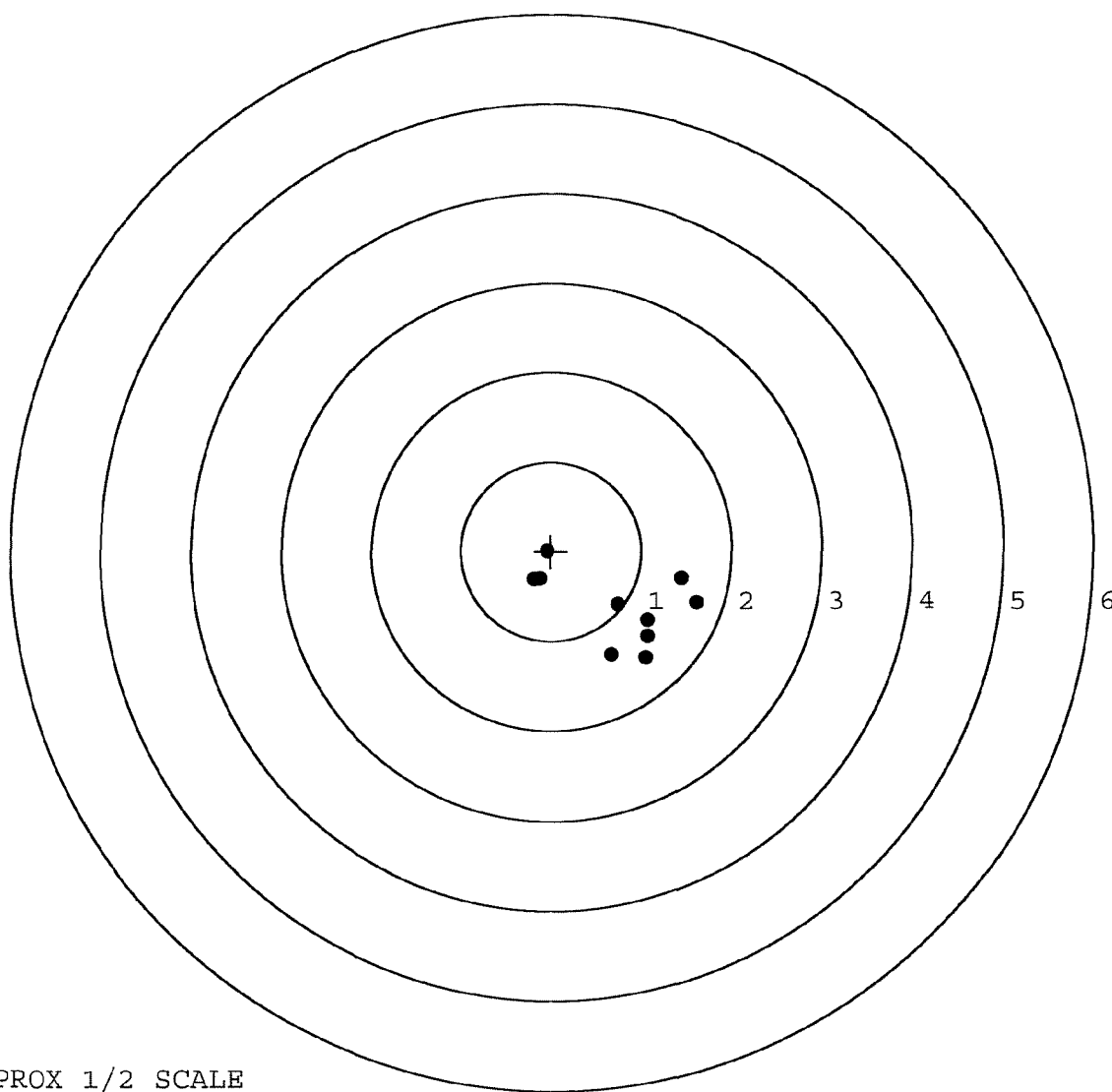
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

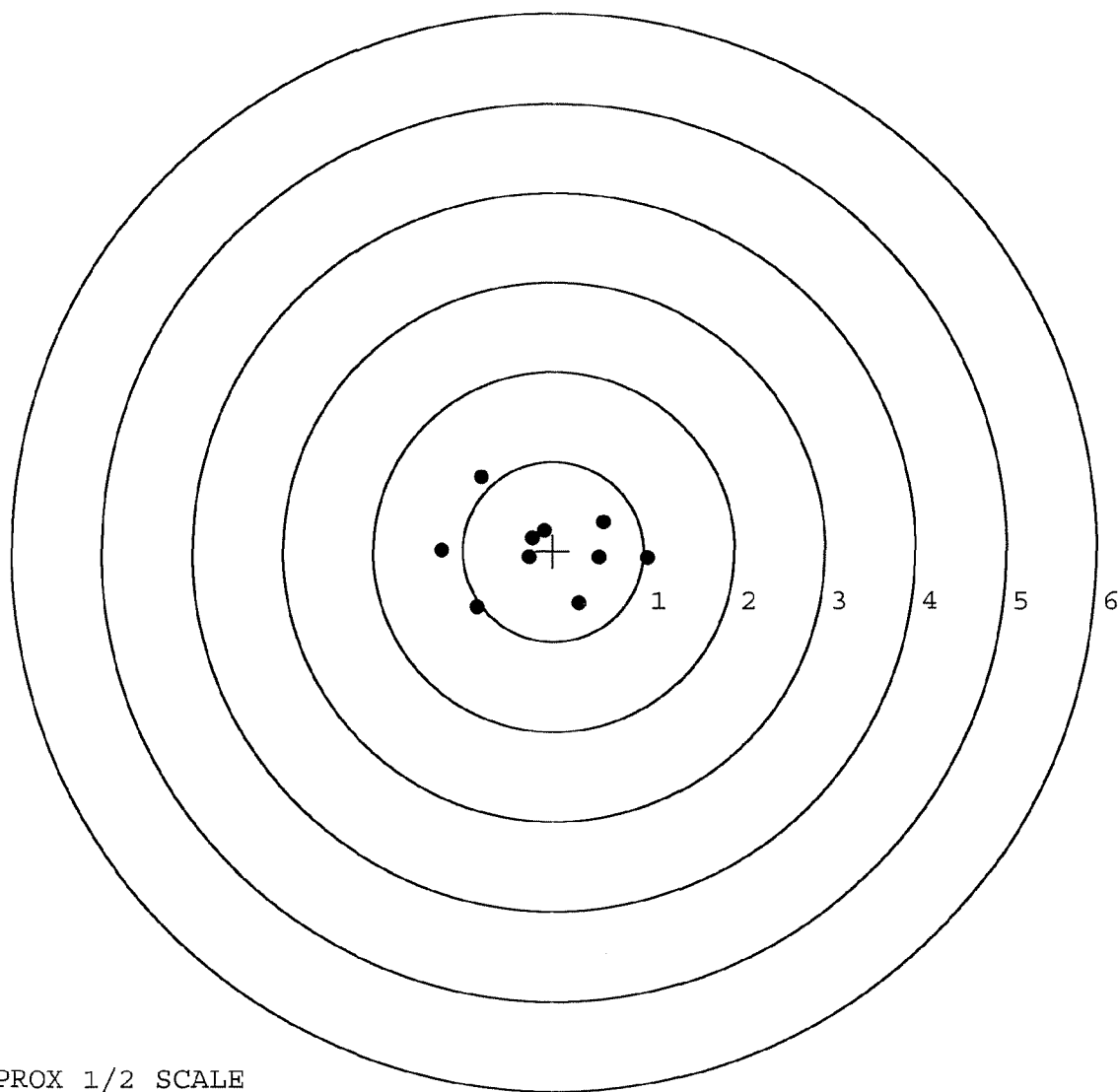
SERIAL NUMBER: C6225182. __0
TARGET NUMBER: 2
FILE DATE: 11/08/2004
FILE TIME: 02:46

	POINT#	X	Y
	1:	-0.190	-0.318
	2:	0.669	-1.159
	3:	1.050	-1.193
	4:	1.071	-0.953
	5:	1.073	-0.770
	6:	1.608	-0.572
	7:	1.441	-0.298
	8:	-0.041	-0.004
	9:	-0.121	-0.308
	10:	0.743	-0.597
X CENTROID:		0.730	
Y CENTROID:		-0.617	
POA TO CENTROID:		0.956	
HORZ SPREAD:		1.798	
VERT SPREAD:		1.193	
GROUP SPREAD:		1.744	
MIN RADIUS:		0.024	
MAX RADIUS:		0.985	
MEAN RADIUS:		0.660	
# IN 1 IN DIAMETER:		3	
# IN 2 IN DIAMETER:		10	
# in 3 IN DIAMETER:		10	



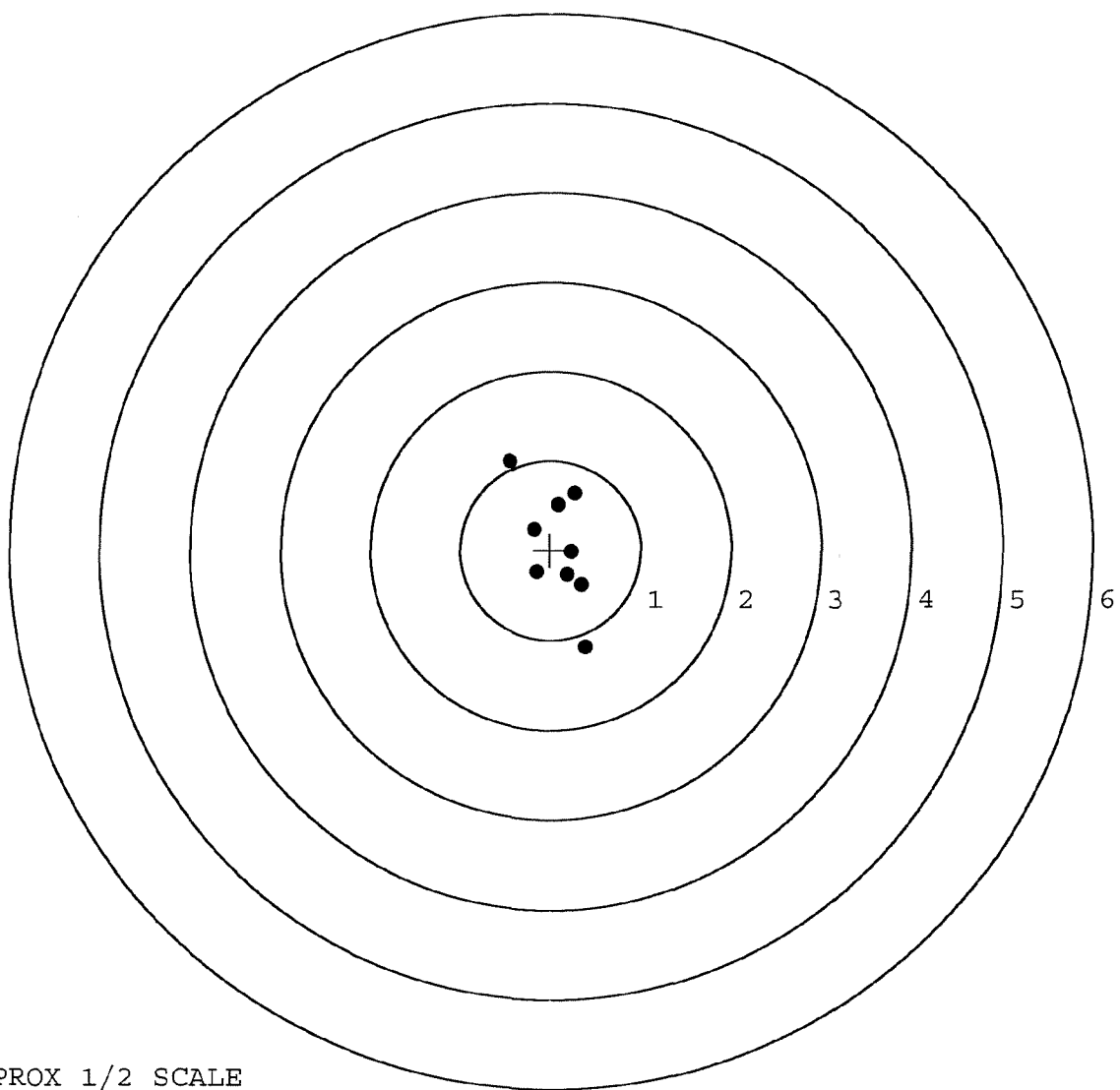
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225182. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	-0.800	0.822
FILE DATE: 11/08/2004	2:	-1.239	0.004
FILE TIME: 02:46	3:	-0.103	0.229
	4:	-0.239	0.144
X CENTROID: -0.109	5:	-0.261	-0.077
Y CENTROID: 0.007	6:	-0.840	-0.632
POA TO CENTROID: 0.109	7:	0.291	-0.586
HORZ SPREAD: 2.285	8:	0.508	-0.074
VERT SPREAD: 1.454	9:	1.046	-0.082
GROUP SPREAD: 2.287	10:	0.548	0.322
MIN RADIUS: 0.174			
MAX RADIUS: 1.158			
MEAN RADIUS: 0.698			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225182. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	-0.448	0.991
FILE DATE: 11/08/2004	2:	0.270	0.634
FILE TIME: 02:46	3:	0.093	0.507
	4:	0.090	0.505
X CENTROID: 0.084	5:	-0.180	0.232
Y CENTROID: 0.085	6:	0.238	-0.021
POA TO CENTROID: 0.120	7:	0.191	-0.275
HORZ SPREAD: 0.837	8:	0.351	-0.391
VERT SPREAD: 2.071	9:	-0.152	-0.253
GROUP SPREAD: 2.234	10:	0.389	-1.080
MIN RADIUS: 0.187			
MAX RADIUS: 1.204			
MEAN RADIUS: 0.550			
# IN 1 IN DIAMETER: 6			
# IN 2 IN DIAMETER: 8			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225182. __0

TARGET NUMBER: 5

FILE DATE: 11/08/2004

FILE TIME: 02:46

POINT#	X	Y
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1:	-0.623	1.004
----	--------	-------

2:	-0.261	0.731
----	--------	-------

3:	0.460	0.681
----	-------	-------

4:	0.112	0.175
----	-------	-------

5:	0.399	0.033
----	-------	-------

6:	-0.190	-0.577
----	--------	--------

7:	0.938	-0.391
----	-------	--------

8:	0.578	-0.316
----	-------	--------

9:	0.630	-0.589
----	-------	--------

10:	0.593	-0.824
-----	-------	--------

X CENTROID: 0.264

Y CENTROID: -0.007

POA TO CENTROID: 0.264

HORZ SPREAD: 1.561

VERT SPREAD: 1.828

GROUP SPREAD: 2.196

MIN RADIUS: 0.141

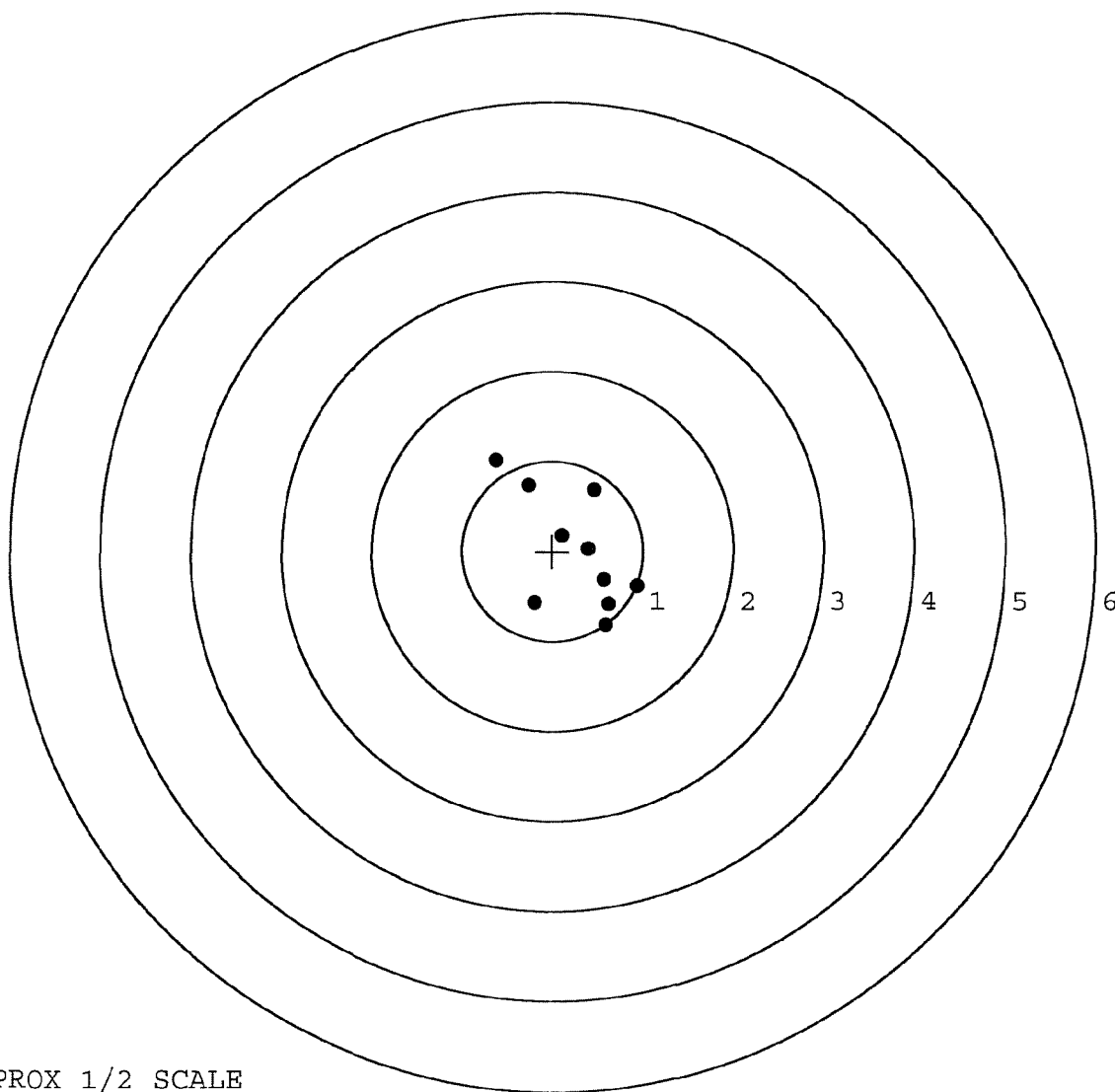
MAX RADIUS: 1.345

MEAN RADIUS: 0.686

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	85936		
SERIAL NUMBER	C 6225182		
LOG-IN DATE	10-4-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-13-04	RTL
560 A	RE-BARREL	10-14-04	RTL
B	DRILL AND TAP	10-19-04	TRW
575	ASSEMBLE	10-15-04	RTL
600	PROOF	10-18-04	RTL
605	CHECK HEADSPACE	10-18-04	RTL
610	DIS-ASSEMBLE GUN	10-19-04	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10/20/04	AB
618	ROTO-BLAST	10-22-04	CB
620	APPLY COATINGS	10/26/04	HP
625 A	FINAL ASSEMBLY	11-1-04	
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-6-04	RTL
655	FINAL INSPECT	11-8-04	RTL
660	PACK	11-8-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

M-24

Scope #

1068

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225182

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	9	7/88	RW
612	Magnaflux Barrel Action		9-14-88	PJC.
	Magnaflux Bolt		9-14-88	PJC.
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/2/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		11/2/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		2/10/88	JS
	F) Safety on Force	6 : 6 : 6	2/10/88	JS
	G) Safety off Force	3 : 3 : 3	2/10/88	JS
	H) Trigger Pull Test & Retainability		2/10/88	JS
	I) Firing Pin Indent	.020 : .020 : .0205	2/10/88	JS
	J) Assemble Stock		11/8/88	RW
	K) Attach Front & Rear Sight Assemblies		11/8/88	RW
	L) Iron Sight Alignment		11/8/88	RW
	M) Detach Front & Rear Sights & place in numbered container		11/8/88	RW
	N) Attach Scope to Rifle		11/8/88	RW
	O) Detach & Attach Scope 20 times		8/10/88	JS
640	Gallery Target & Test	56 R 96L	11/9/88	DA
	A) Optical Clarity of Scope		11/9/88	DA
645	Inspect for Live Ammo		11/9/88	DA
655	Final Inspection			
	A) Headspace		29 NOV 88	JS
	B) Trigger Pull	2.33 : 2.26 : 2.21	2.14 : 2.30	JS
	C) Function		29 NOV 88	JS
	D) Assemble Swivel Studs		29 NOV 88	JS
660	Pack		14 Dec 88	JS

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225182

DATE 31 Oct 88

TESTER J. J. H. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.23	2.18	2.29	2.33	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.20	2.16	2.25	2.26	
PULL #3	2.24	2.17	2.24	2.21	
PULL #4	2.22	2.18	2.22	2.14	
PULL #5	2.26	2.14	2.24	2.30	
TOTAL	11.15	10.83	11.22	11.24	
AVG.	2.23	2.166	2.244	2.248	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.28	3.43		
PULL #2	3.41	3.43		
PULL #3	3.41	3.40		
PULL #4	3.40	3.38		
PULL #5	3.45	3.44		
TOTAL	16.95	17.08		
AVG.	3.39	3.416		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.25		4.29
PULL #2	4.33	4.27		4.36
PULL #3	4.35	4.29		4.26
PULL #4	4.35	4.33		4.36
PULL #5	4.36	4.27		4.38
TOTAL	21.75	21.41		21.65
AVG.	4.35	4.282		4.33

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225182

CENTROIDAL DISTANCES

0	TO	1	.784312
1	TO	2	.310459
1	TO	3	.100802
1	TO	4	.654481
1	TO	5	1.03921

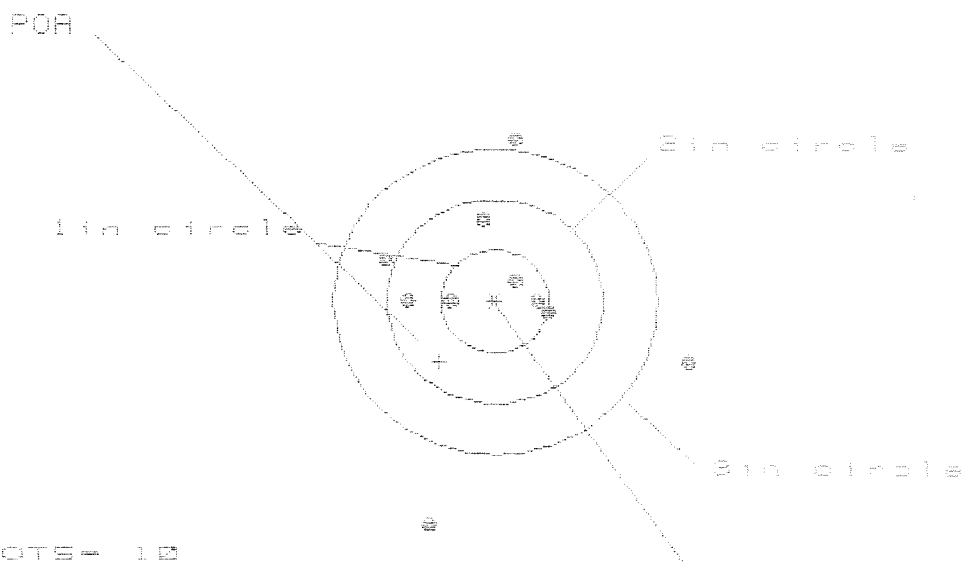
$\bar{x}$
+ $\bar{y}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .7542
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4012
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .854271
THE AMR FOR THIS RIFLE IS: .9546

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS2251B2

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 6

3 in = 7

HS = 2.816

VS = 3.796

GS = 3.877

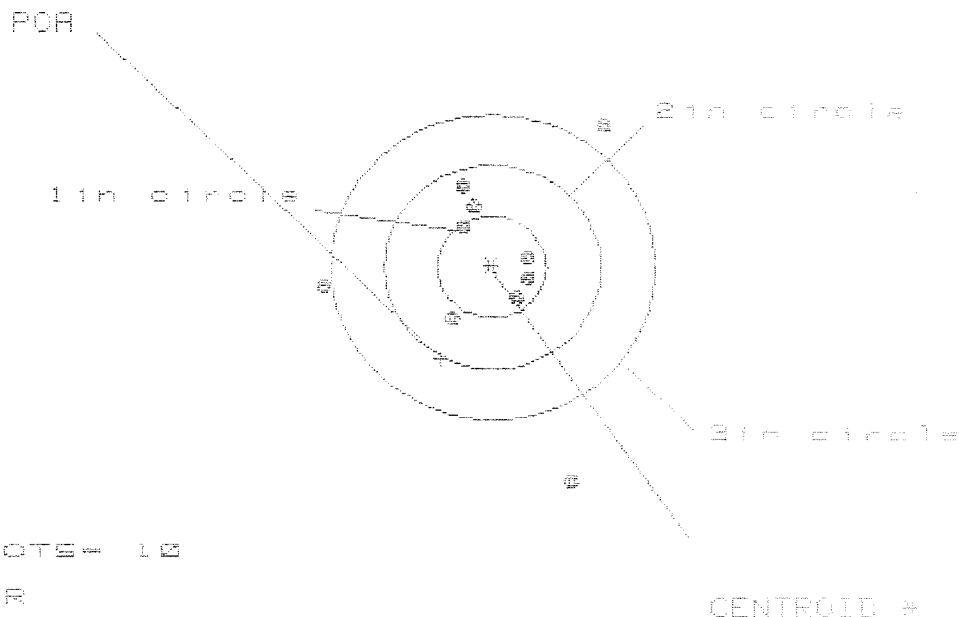
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.797	1.725	.614
MINIMUM X	-1.019	-1.098	-.874
MAXIMUM Y	1.575	1.328	1.222
MINIMUM Y	-2.221	-.848	-.411
CENTROID X	.511	.582	.366
CENTROID Y	.595	.842	.948
POR TO CENTROID in.	.784	1.024	1.016
MIN RADIUS	.285	.158	.399
MEAN RADIUS	1.018	.846	.716
MAX RADIUS	2.311	1.923	1.256
HORIZONTAL SPREAD	2.816	2.816	1.488
VERTICAL SPREAD	3.796	2.176	1.633
EXTREME SPREAD	3.877	2.978	1.896
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225182

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 4

2 in = 7

3 in = 7

HE = 2.524

VS = 3.551

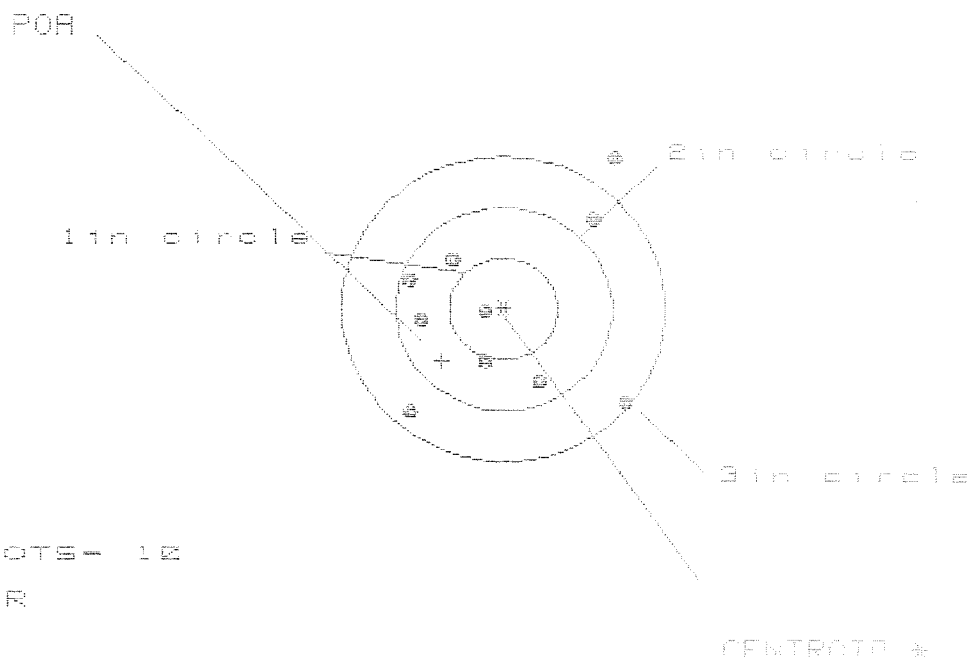
GS = 3.571

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.855	1.135	.559
MINIMUM X	-1.565	-1.489	-1.347
MAXIMUM Y	1.426	1.190	.753
MINIMUM Y	-2.125	-1.743	-1.595
CENTROID X	.472	.396	.254
CENTROID Y	.903	1.139	.991
POR TO CENTROID in.	1.019	1.206	1.023
MIN RADIUS	.348	.235	.274
MEAN RADIUS	.929	.763	.662
MAX RADIUS	2.232	1.644	1.375
HORIZONTAL SPREAD	2.624	2.624	1.905
VERTICAL SPREAD	3.551	1.933	1.348
EXTREME SPREAD	3.571	3.084	1.934
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		7	
NUMBER IN THREE INCH CIRCLE =		7	

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/00225100

CENTERFIRE PATTERNS # 3



OF SHOTS- 10
IN CIR
1in = 1
2in = 6
3in = 9
HS= 1.287
VS= 2.536
GS= 3.173

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.114	1.229	1.091
MINIMUM X	-0.873	-0.758	-0.605
MAXIMUM Y	1.516	1.095	0.999
MINIMUM Y	-1.020	-0.852	-0.948
CENTROID X	0.571	0.456	0.302
CENTROID Y	0.514	0.346	0.442
POA TO CENTROID in.	0.768	0.572	0.536
MIN RADIUS	0.163	0.201	0.147
MEAN RADIUS	0.965	0.832	0.724
MAX RADIUS	1.835	1.458	1.479
HORIZONTAL SPREAD	1.987	1.987	1.695
VERTICAL SPREAD	2.536	1.947	1.947
EXTREME SPREAD	3.173	2.581	2.581
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/CS225162

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in - 4

2 in - 7

3 in - 9

HS- 2.501

VS- 1.749

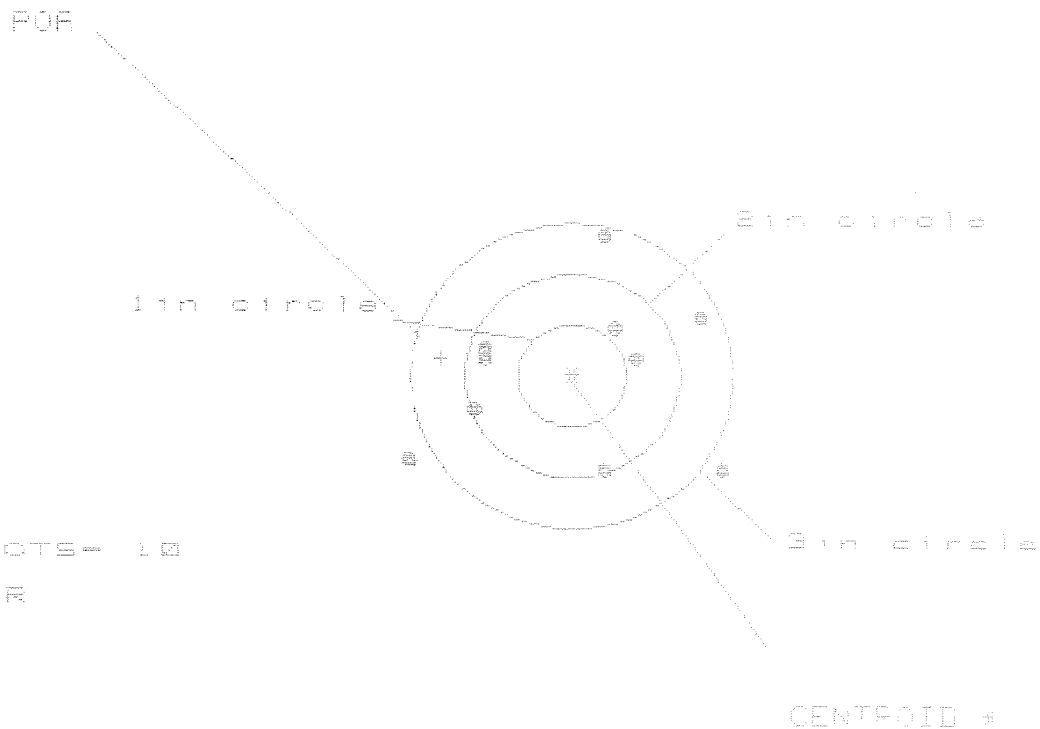
GS- 2.720

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.314	1.171	.800
MINIMUM X	:	-1.287	-.848	-.701
MAXIMUM Y	:	.742	.630	.566
MINIMUM Y	:	-1.007	-.579	-.643
CENTROID X	:	1.007	1.150	1.003
CENTROID Y	:	-.038	.074	.138
POA TO CENTROID in.	:	1.007	1.152	1.010
MIN RADIUS	:	.168	.064	.206
MEAN RADIUS	:	.772	.658	.567
MAX RADIUS	:	1.634	1.278	.900
HORIZONTAL SPREAD	:	2.601	2.019	1.501
VERTICAL SPREAD	:	1.749	1.209	1.209
EXTREME SPREAD	:	2.720	2.213	1.906
NUMBER IN ONE INCH CIRCLE =			4	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			9	

9 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C68251B2

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 0

2in = 6

3in = 8

HS= 2.869

VS= 2.311

CS= 3.009

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.435	1.300	1.128
MINIMUM X	-1.523	-1.374	-1.540
MAXIMUM Y	1.356	1.250	1.139
MINIMUM Y	-1.955	-1.031	-1.142
CENTROID X	1.210	1.051	1.223
CENTROID Y	-.174	-.069	.043
POA TO CENTROID in.	1.223	1.053	1.223
MIN RADIUS	.565	.625	.430
MEAN RADIUS	1.089	1.001	.903
MAX RADIUS	1.724	1.635	1.191
HORIZONTAL SPREAD	2.969	2.674	2.076
VERTICAL SPREAD	2.311	2.281	2.281
EXTREME SPREAD	3.009	3.009	2.282
NUMBER IN ONE INCH CIRCLE =	0	0	0
NUMBER IN TWO INCH CIRCLE =	6	6	6
NUMBER IN THREE INCH CIRCLE =	8	8	8

PACKING LIST		PACKED BY <i>Mr. Ray Fuller</i> <i>WG-10 Bn. Armorer</i>		1. NO. BOXES <i>1</i>		2a. REQUISITION NO. <i>92063</i>	
3. END ITEM <i>7.62mm 1124 Sniper Weapons System (SW5)</i>		4. DATE <i>26 July 1994</i>		5. PAGE <i>1</i> OF <i>1</i> PAGES			
BOX NO.	CONTENTS - STOCK NUMBER AND NOMENCLATURE	UNIT OF ISSUE	QUANTITIES REQUIRED				
(a)	(b)	(c)	INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)		
	<i>7.62mm 1124 Sniper Weapon System (SW5) Serial No. <u>C6225182</u></i> <i>NSN: 1005-01-240-2136</i> <i>Note: All Optic Scope Ring mounts Packed</i>	<i>EA</i>			<i>1</i>		
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES							
TYPED NAME AND TITLE <i>Ray Fuller WG-10 Bn. Armorer</i>			SIGNATURE 				

DD FORM 1 SEP 70 1750

DA FORM 2407
MAY 81

Final Inspection

In: C 6225/82

DATE REC'D: 8/2/94

DATE RET'D:

EDITOR:

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:

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225182

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		8/3/94	RW
600	Proof		8/3/94	RW
607	Check Headspace		8/3/94	RW
610	Dis-assemble Gun		8/3/94	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/13/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/13/94	RW
	C) Inspect Ejector Hole for Chamfer		8/13/94	RW
	D) Oil Firing Pin Ass'y		8/13/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test							
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo							
655	Final Inspection						8/14/94	WLB
	A) Headspace							
	B) Trigger Pull	2.56	2.55	2.57	2.55	2.56	8/15/94	WLB
	C) Function							
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225182
18 Aug 1994

CENTROIDAL DISTANCES

0 TO	1	.212603
1 TO	2	.241748
1 TO	3	.394707
1 TO	4	.224864
1 TO	5	.267899

3
1
0

<----POA

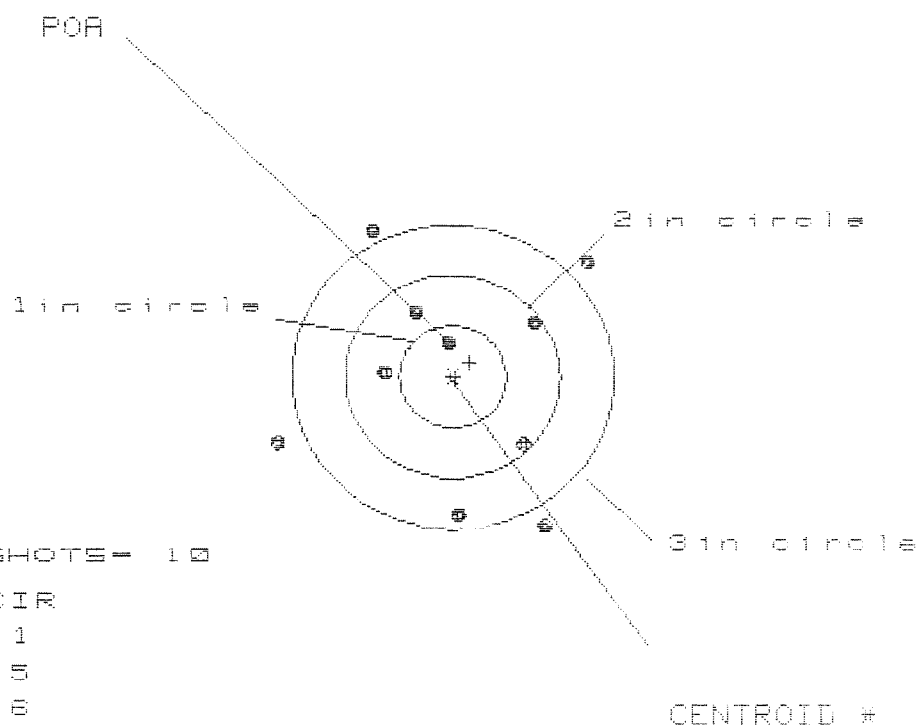
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0526
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1726
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .180437

THE AMR FOR THIS RIFLE IS: 1.017

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CENTERFIRE PATTERNS # 1

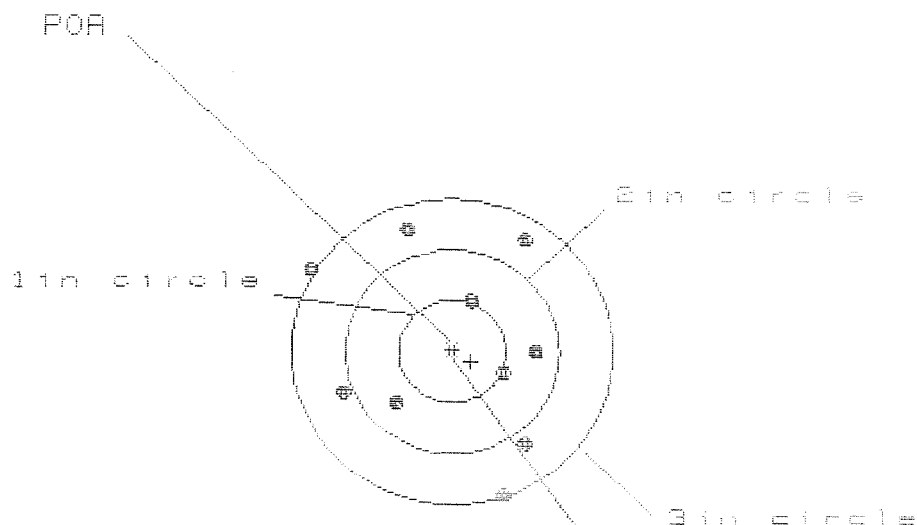


PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.219	1.033	.780
MINIMUM X	:	-1.680	-.931	-.802
MAXIMUM Y	:	1.390	1.316	1.449
MINIMUM Y	:	-1.411	-1.485	-1.352
CENTROID X	:	-.180	.026	-.103
CENTROID Y	:	-.140	-.066	-.199
POA TO CENTROID in.	:	.213	.071	.224
MIN RADIUS	:	.382	.400	.453
MEAN RADIUS	:	1.182	1.000	1.025
MAX RADIUS	:	1.809	1.621	1.656
HORIZONTAL SPREAD	:	2.899	1.964	1.582
VERTICAL SPREAD	:	2.801	2.801	2.801
EXTREME SPREAD	:	3.417	3.217	3.217
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

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CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HQ = 2.054

VB = 2.603

GB = 2.815

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.767	.821	.667
MINIMUM X	:	-1.287	-1.233	-1.158
MAXIMUM Y	:	1.169	1.010	1.084
MINIMUM Y	:	-1.433	-1.092	-1.018
CENTROID X	:	-.179	-.233	-.079
CENTROID Y	:	.101	.260	.186
POA TO CENTROID in.	:	.205	.349	.202
MIN RADIUS	:	.482	.359	.379
MEAN RADIUS	:	1.036	.976	.901
MAX RADIUS	:	1.514	1.368	1.241
HORIZONTAL SPREAD	:	2.054	2.054	1.825
VERTICAL SPREAD	:	2.603	2.102	2.102
EXTREME SPREAD	:	2.815	2.614	2.384
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 0

2in = 0

3in = 0

IS = 2.615

VS = 2.225

GS = 2.769

PATTERN #

3

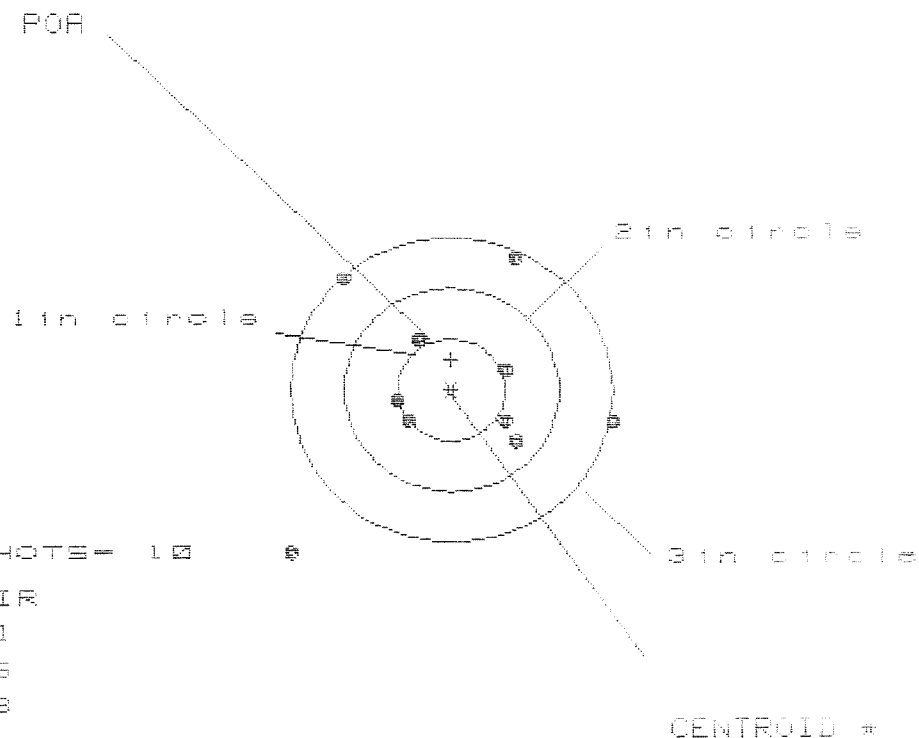
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.430	1.022	.894
MINIMUM X	:	-1.185	-1.026	-.628
MAXIMUM Y	:	1.122	1.136	1.153
MINIMUM Y	:	-1.103	-1.039	-1.072
CENTROID X	:	-.005	-.164	-.036
CENTROID Y	:	-.503	-.567	-.534
POA TO CENTROID in.	:	.503	.591	.535
MIN RADIUS	:	.567	.548	.611
MEAN RADIUS	:	1.011	.934	.916
MAX RADIUS	:	1.542	1.208	1.157
HORIZONTAL SPREAD	:	2.615	2.048	1.522
VERTICAL SPREAD	:	2.225	2.225	2.225
EXTREME SPREAD	:	2.769	2.247	2.247
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS

4



OF SHOTS = 10

IN CIR

1in = 1

2in = 6

3in = 8

PS = 2.966

VS = 2.883

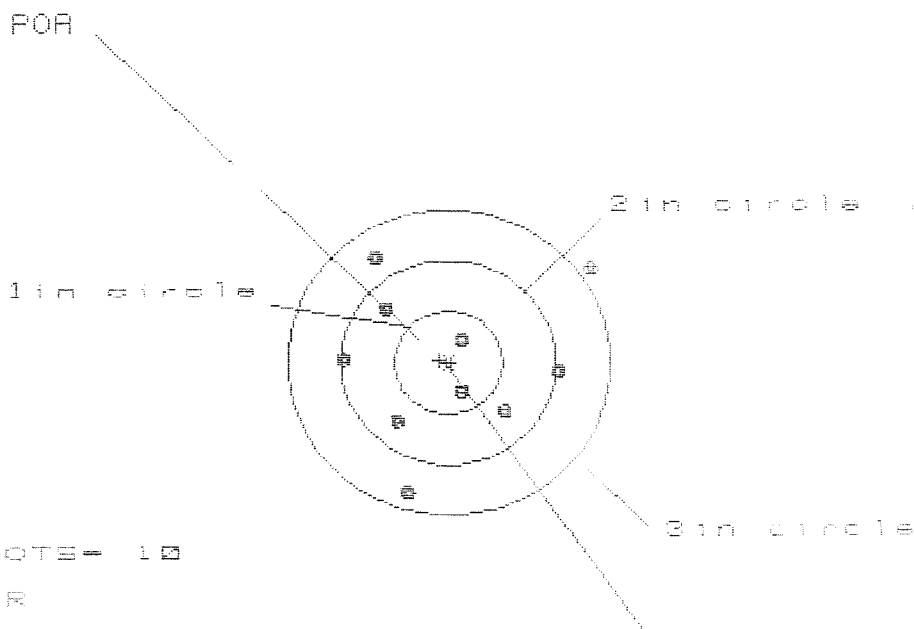
GS = 3.536

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.485	1.320	.567
MINIMUM X	:	-1.481	-1.130	-.965
MAXIMUM Y	:	1.309	1.134	1.071
MINIMUM Y	:	-1.574	-.673	-.736
CENTROID X	:	.000	.165	-.000
CENTROID Y	:	-.298	-.123	-.060
POA TO CENTROID in.	:	.298	.206	.060
MIN RADIUS	:	.463	.302	.360
MEAN RADIUS	:	.995	.856	.781
MAX RADIUS	:	2.161	1.467	1.300
HORIZONTAL SPREAD	:	2.966	2.450	1.532
VERTICAL SPREAD	:	2.883	1.807	1.807
EXTREME SPREAD	:	3.536	2.843	2.211
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.283

VS = 2.290

GS = 2.771

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.344	1.149	1.119
MINIMUM X	:	-.939	-.790	-.821
MAXIMUM Y	:	1.006	1.103	.955
MINIMUM Y	:	-1.284	-1.187	-.587
CENTROID X	:	.081	-.069	-.038
CENTROID Y	:	-.023	-.120	.028
POA TO CENTROID in.	:	.084	.138	.047
MIN RADIUS	:	.229	.298	.254
MEAN RADIUS	:	.883	.795	.739
MAX RADIUS	:	1.603	1.230	1.121
HORIZONTAL SPREAD	:	2.283	1.939	1.939
VERTICAL SPREAD	:	2.290	2.290	1.542
EXTREME SPREAD	:	2.771	2.389	1.984
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	