

06225118

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

88295

5091

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225118*

OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY <i>2</i>	<i>26</i>	<i>FB</i>
600	PROOF		<i>Ru</i>
615	MAGNAFLUX BARREL	<i>5/13/88</i>	<i>PJR</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>PJR</i>
620	COATING	<i>8/11/88</i>	<i>TSA</i>
625- 630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE #
1210

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225118

OP.#	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock			
600	Proof			
607	Check Headspace			
610	Dis-assemble gun			
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill & Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coatings (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/1/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/1/88	RW
	C) Inspect Ejector Hole for Chamfer		9/1/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		9/1/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		1 Sept 88	J.G. + J.S.
	F) Safety on Force	6 6 6	1 Sept 88	J.G. + J.S.
	G) Safety off Force	2.25 2.5 2.5	1 Sept 88	J.G. + J.S.
	H) Trigger Pull Test & Retainability		1 Sept 88	J.G. + J.S.
	I) Firing Pin Indent	0.225 0.225 0.23	1 Sept 88	J.G. + J.S.
	J) Assemble Stock		9/22/88	RW
	K) Assemble Swivel Studs		10-6-88	J.S.
	L) Attach Front & Rear Sight Assemblies		9/22/88	RW
	M) Iron Sight Alignment		9/22/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/22/88	RW
	O) Attach Scope to Rifle		10/3/88	RW
	P) Detach & Attach Scope 20 times		10/3/88	JY
640	Gallery Target & Test	56 R 99L	10/5/88	D/H
	A) Optical Clarity of Scope		10/5/88	JY
645	Inspect for Live Ammo		10/5/88	JY
655	Final Inspection			
	A) Headspace		10-6-88	J.S.
	B) Trigger Pull		10-6-88	J.S.
	C) Function		10-6-88	J.S.
660	Pack		10-20-88	J.S.

SWS TRIGGER PULL TEST

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

SERIAL NO. C6225118
DATE 1 Sept 88
TESTER J. A. + G. S.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.42	2.74	2.92	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.45	2.67	2.91	
PULL #3	2.42	2.50	2.71	2.84	
PULL #4	2.43	2.50	2.75	2.86	
PULL #5	2.37	2.56	2.71	2.90	
TOTAL	12.26	12.43	13.58	14.43	
AVG.	2.452	2.486	2.716	2.886	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.01	3.06		
PULL #2	3.04	3.10		
PULL #3	3.05	3.05		
PULL #4	3.08	3.10		
PULL #5	3.10	3.11		
TOTAL	15.28	15.42		
AVG.	3.056	3.084		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.27	4.31		4.47
PULL #2	4.31	4.39		4.59
PULL #3	4.36	4.40		4.66
PULL #4	4.39	4.44		4.52
PULL #5	4.51	4.43		4.49
TOTAL	21.84	21.97		22.73
AVG.	4.368	4.394		4.546

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225118

CENTROIDAL DISTANCES

0 TO	1	1.54504
1 TO	2	.81403
1 TO	3	1.38616
1 TO	4	1.71289
1 TO	5	.936755

5 3

1

2 +

<----POB

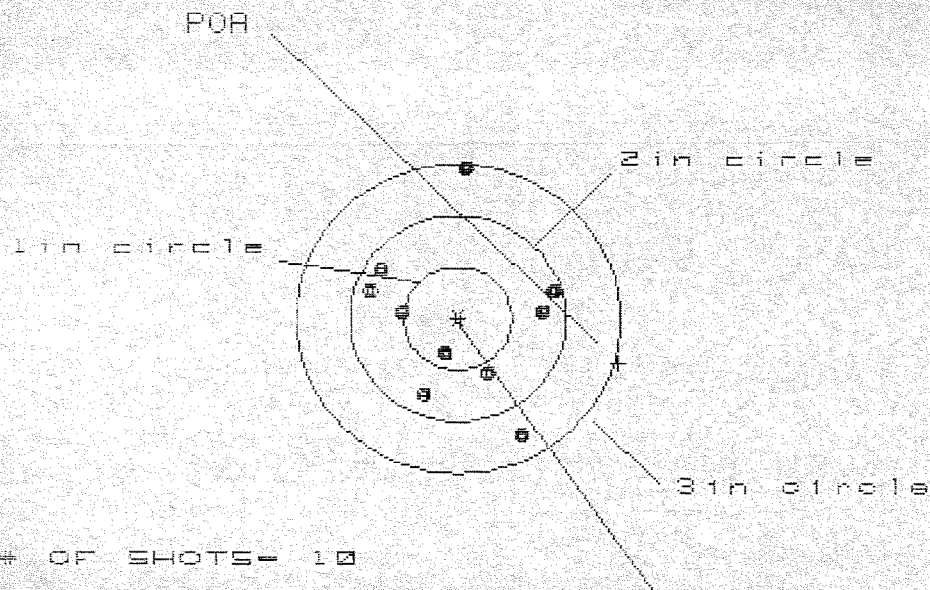
4

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.9694
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .397
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.04754
THE AMR FOR THIS RIFLE IS: .8328

6 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225118

CENTERFIRE PATTERNS # 1



OF SHOTS - 10

IN CIR

1 in = 2

2 in = 8

3 in = 9

HS = 1.680

VS = 2.636

GS = 2.683

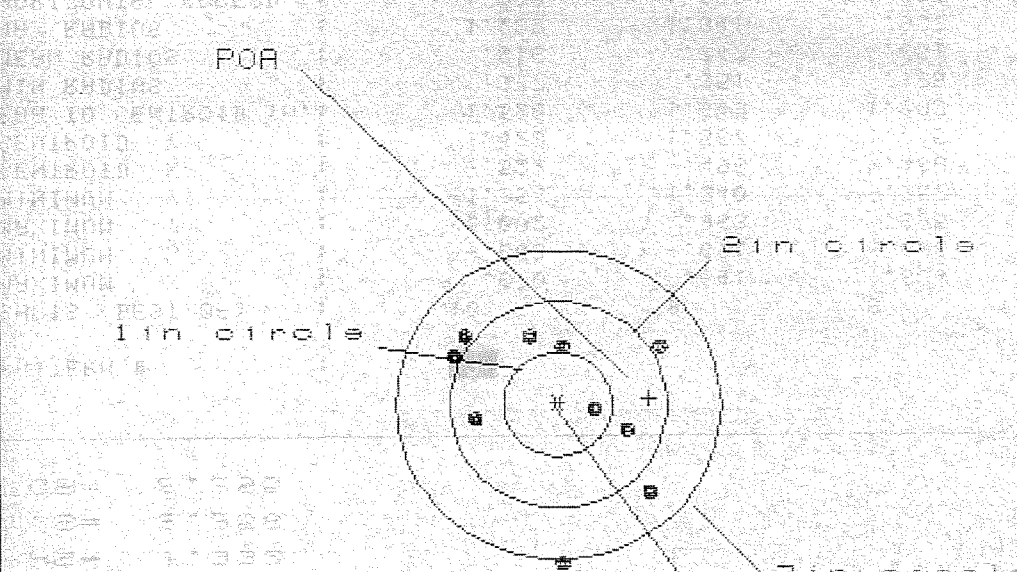
CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.837	.841	.908
MINIMUM X	:	-.843	-.839	-.772
MAXIMUM Y	:	1.517	.637	.518
MINIMUM Y	:	-1.119	-.951	-.673
CENTROID X	:	-1.484	-1.488	-1.555
CENTROID Y	:	.430	.262	.381
POA TO CENTROID in.	:	1.545	1.511	1.601
MIN RADIUS	:	.322	.166	.260
MEAN RADIUS	:	.826	.717	.674
MAX RADIUS	:	1.517	1.093	.950
HORIZONTAL SPREAD	:	1.680	1.680	1.680
VERTICAL SPREAD	:	2.636	1.588	1.191
EXTREME SPREAD	:	2.683	2.027	1.682
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	9		

ENTERED IN THREE INCH CIRCLES

DATE: 6 Oct 1988 FILE: /PATTERNING/CENTERFIRE_PATT/C6225118

ELITCH CENTERFIRE PATTERNS # 2



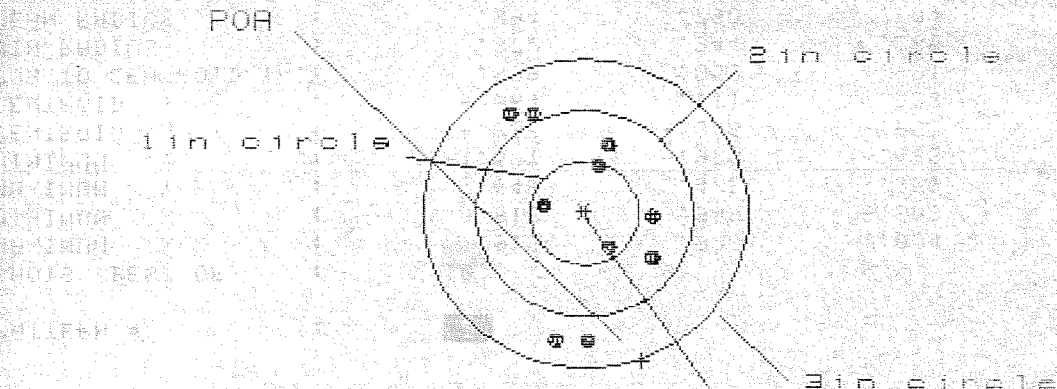
OF SHOTS- 10
IN CIR
1 in = 1
2 in = 5
3 in = 9
HS= 1.837
VS= 2.229
GS= 2.424

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.919	.928	1.034
MINIMUM X	-.918	-.909	-.803
MAXIMUM Y	.648	.473	.351
MINIMUM Y	-1.581	-.976	-.483
CENTROID X	-.837	-.846	-.952
CENTROID Y	-.064	.111	.233
POA TO CENTROID in.	.839	.853	.981
MIN RADIUS	.372	.344	.265
MEAN RADIUS	.894	.790	.704
MAX RADIUS	1.583	1.297	1.069
HORIZONTAL SPREAD	1.837	1.837	1.837
VERTICAL SPREAD	2.229	1.449	.834
EXTREME SPREAD	2.424	2.247	1.849
NUMBER IN ONE INCH CIRCLE	1		
NUMBER IN TWO INCH CIRCLE	5		
NUMBER IN THREE INCH CIRCLE	9		

FILE: C:\PATTERNING\CENTERFIRE_PATT\06225118

CENTERFIRE PATTERNS # 3

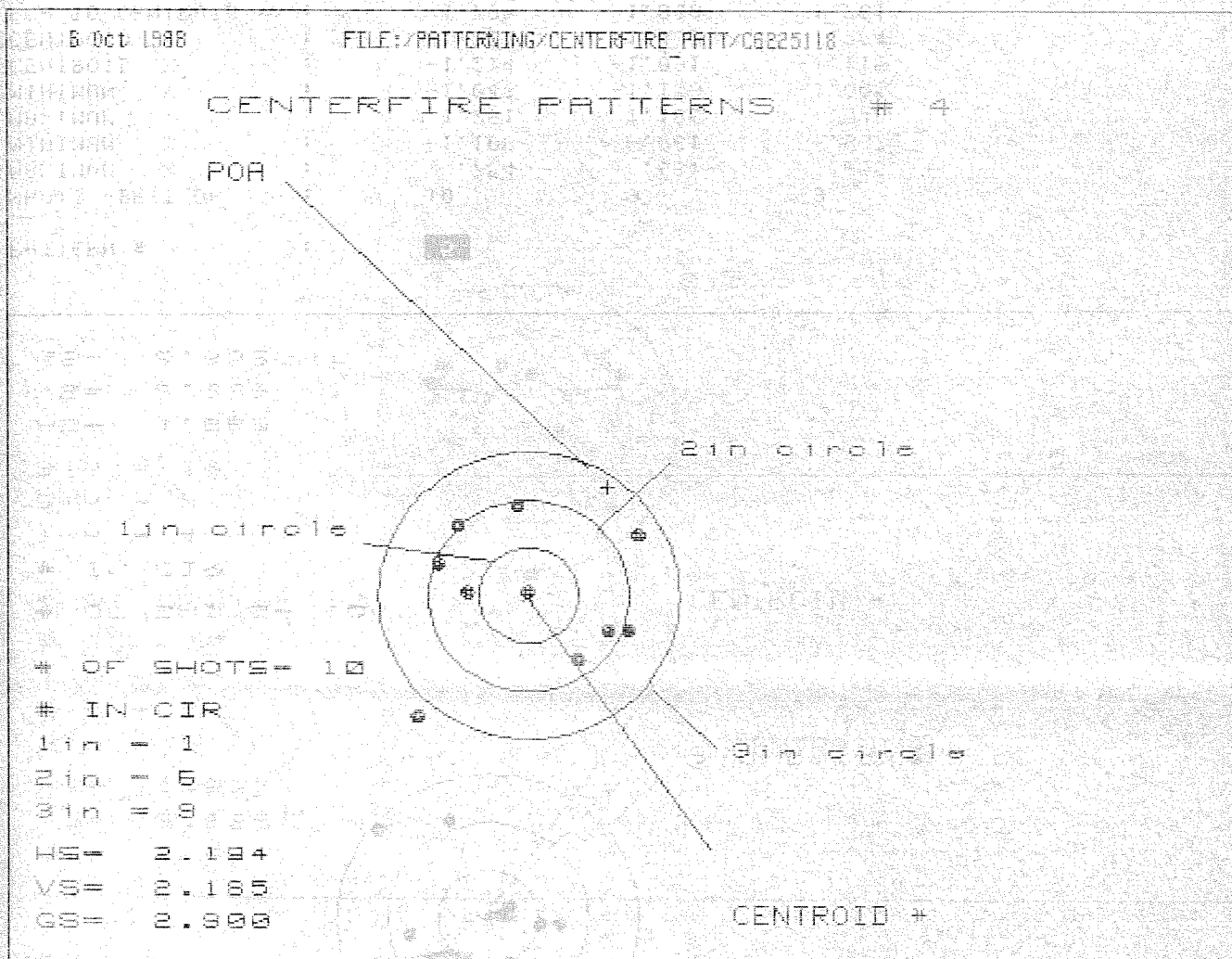


OF SHOTS = 10
 # IN CIR
 1in = 3
 2in = 6
 3in = 10
 HS = 1.332
 VS = 2.256
 GS = 2.295

CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.670	.641	.634
MINIMUM X	-.662	-.691	-.698
MAXIMUM Y	1.002	.863	.695
MINIMUM Y	-1.254	-1.340	-.757
CENTROID X	-.522	-.493	-.486
CENTROID Y	1.428	1.567	1.735
POA TO CENTROID in.	1.520	1.643	1.802
MIN RADIUS	.377	.351	.188
MEAN RADIUS	.816	.747	.651
MAX RADIUS	1.282	1.341	.987
HORIZONTAL SPREAD	1.332	1.332	1.332
VERTICAL SPREAD	2.256	2.203	1.452
EXTREME SPREAD	2.295	2.295	1.970
NUMBER IN ONE INCH CIRCLE	3	3	3
NUMBER IN TWO INCH CIRCLE	6	6	6
NUMBER IN THREE INCH CIRCLE	10	10	10

NUMBER IN ONE INCH CIRCLE = 1
 NUMBER IN TWO INCH CIRCLE = 6
 NUMBER IN THREE INCH CIRCLE = 9
 HORIZONTAL SPREAD = 2.194
 VERTICAL SPREAD = 2.185
 EXTREME SPREAD = 2.900
 MEAN RADIUS = .926
 MIN RADIUS = .089
 MAX RADIUS = 1.683



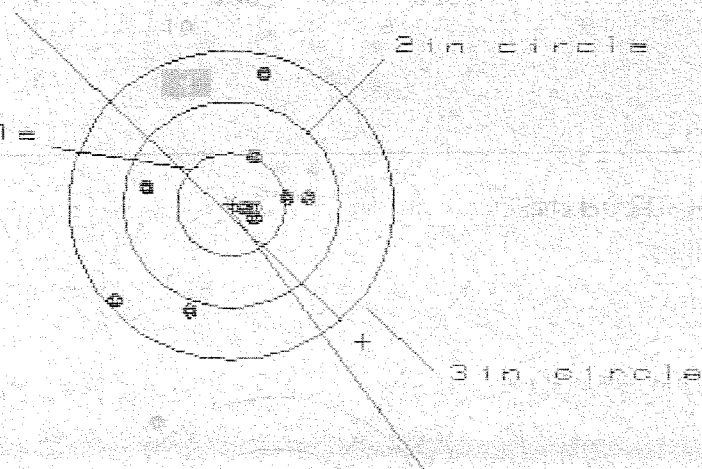
PATTERN # : 4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.100	.973	1.008
MINIMUM X	-1.094	-.994	-.872
MAXIMUM Y	.905	.763	.823
MINIMUM Y	-1.280	-.826	-.766
CENTROID X	-.790	-.669	-.791
CENTROID Y	-1.136	-.994	-1.054
POA TO CENTROID in.	1.384	1.198	1.318
MIN RADIUS	.089	.185	.075
MEAN RADIUS	.926	.849	.794
MAX RADIUS	1.683	1.088	1.094
HORIZONTAL SPREAD	2.194	1.973	1.880
VERTICAL SPREAD	2.185	1.589	1.589
EXTREME SPREAD	2.900	2.023	2.023
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

DATE: 10 OCT 1988
 TIME: 10:00
 FILE: /PATTERNING/CENTERFIRE_PATT/08225110
 PATTERN # 5
 POA
 10
 2 in circle
 1 in circle
 3 in circle
 # OF SHOTS - 10
 # IN CIR
 1 in = 4
 2 in = 7
 3 in = 10
 HS = 1.862
 VS = 2.339
 GS = 2.652

CENTERFIRE PATTERNS # 5

POA



OF SHOTS - 10

IN CIR

1 in = 4

2 in = 7

3 in = 10

HS = 1.862

VS = 2.339

GS = 2.652

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.754	.631	.655
MINIMUM X	:	-1.108	-.861	-.837
MAXIMUM Y	:	1.291	1.186	.548
MINIMUM Y	:	-1.048	-1.153	-1.005
CENTROID X	:	-1.214	-1.091	-1.115
CENTROID Y	:	1.327	1.432	1.284
POA TO CENTROID in.	:	1.799	1.800	1.701
MIN RADIUS	:	.892	.896	.859
MEAN RADIUS	:	.702	.581	.492
MAX RADIUS	:	1.457	1.275	1.132
HORIZONTAL SPREAD	:	1.862	1.492	1.492
VERTICAL SPREAD	:	2.339	2.339	1.553
EXTREME SPREAD	:	2.652	2.452	1.670
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	

RD-6947-Rev 3
PAYMENT:
Mastercard / Visa (circle one)
Card #:
Exp. Date:
Signature:

(PLEASE PRINT CLEARLY)
FIREARMS DELIVERED TO PLANT

RETURN:
☐ Clark Street Entrance
☒ Via US Mail or UPS

FILE Nº 011148

DATE 3/18/96

CUSTOMER NAME: Richard Strickland

REMINGTON EMPLOYEE:

ADDRESS: C-10 SFG (A)

YES ☐ NO ☒

CMR 445

EMPLOYEE # _____

ZIP: AP0 AE 09046

DEPT. # _____

PHONE: 011-49-7031-25650

FIREARM MODEL: 700

CHECK FOR AMMUNITION

GAUGE: 7.62

SERIAL # C622518

CONDITION:

WOOD GOOD FAIR POOR FANCY PLAIN

METAL GOOD FAIR POOR FANCY PLAIN

BARREL VT. RIB PLAIN DEER RSS

ACCESSORIES:

SCOPE: YES NO (BRAND NAME/POWER) _____

SLING: YES NO GUN CASE: YES NO (HARD-SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST: TOTAL MAINTENANCE

SIGNATURE: [Signature]
(Person delivering firearm to Plant)

DATE: 18 MAR 96

SIGNATURE: [Signature]
(Security Officer)

DATE: 3/18/96

SIGNATURE: [Signature]
(Firearm picked up by)

DATE: 3/18/96

Arm Service Copy

CONTRACT # DAAA21-87-C-0086

New Barrel
Stock

GUN SERIAL # C6225118

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/20/96	RW
600	Proof		3/20/96	RW
607	Check Headspace		3/20/96	RW
610	Dis-assemble Gun		3/20/96	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		3/30/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/30/96	RW
	C) Inspect Ejector Hole for Chamfer		3/30/96	RW
	D) Oil Firing Pin Ass'y		3/30/96	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		3/30/96	RW
	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		4/1/96	AP
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		4/1/96	AP
655	Final Inspection			
	A) Headspace		4/2/96	RW
	B) Trigger Pull			
	C) Function		4/2/96	RW
660	Pack			

Final Inspection

Sni: C6225118

DATE REC'D: 3/18/96

DATE RET'D:

AUDITOR: AW

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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225118
30 Jan 1900

CENTROIDAL DISTANCES

0 TO	1	1.40747
1 TO	2	.588058
1 TO	3	.814175
1 TO	4	.69515
1 TO	5	.873552

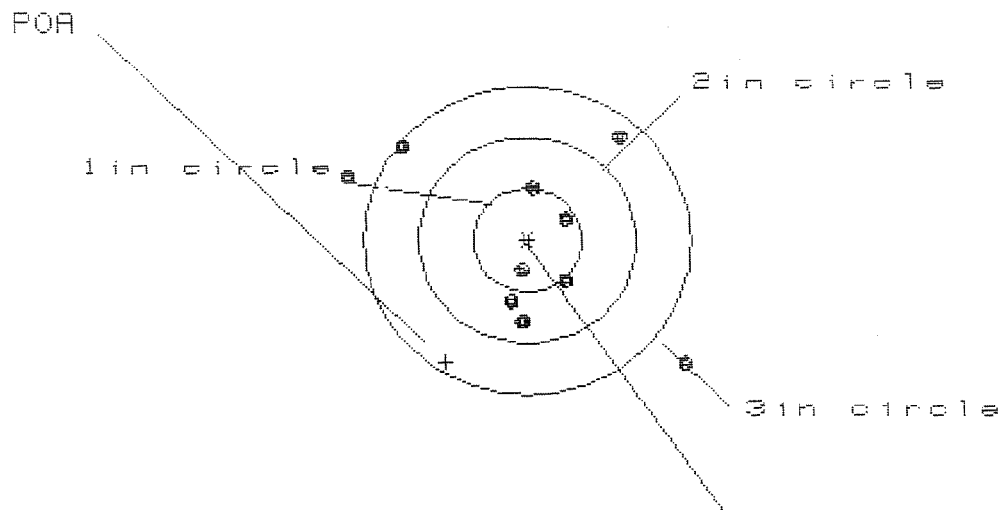
1
2
3
4
5
+-----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3472
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .764
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .839192
THE AMR FOR THIS RIFLE IS: 1.07

30 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225110

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.050

VS= 2.160

GS= 3.520

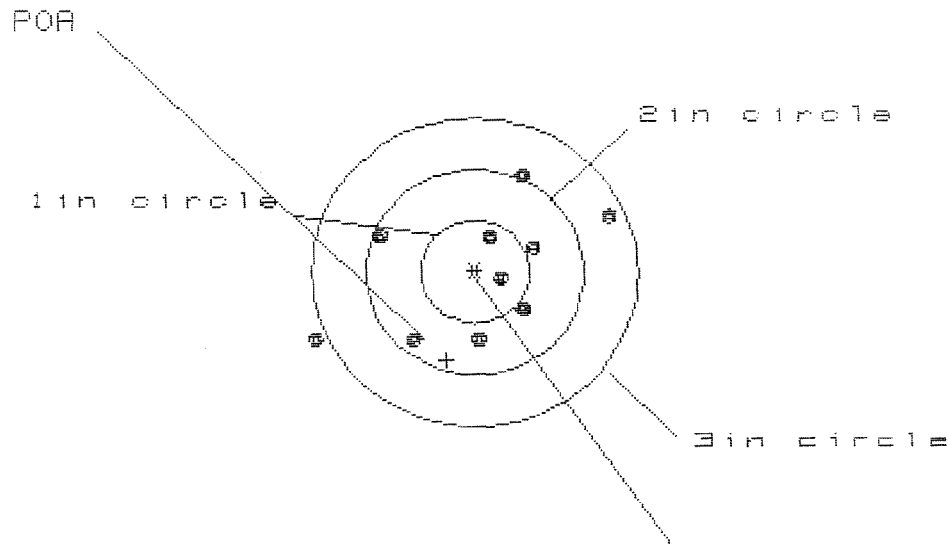
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.431	1.007	.824
MINIMUM X	:	-1.619	-1.460	-1.182
MAXIMUM Y	:	.981	.850	.906
MINIMUM Y	:	-1.179	-.901	-.845
CENTROID X	:	.750	.591	.774
CENTROID Y	:	1.191	1.322	1.266
POA TO CENTROID in.	:	1.408	1.448	1.484
MIN RADIUS	:	.299	.432	.377
MEAN RADIUS	:	.952	.876	.749
MAX RADIUS	:	1.854	1.527	1.434
HORIZONTAL SPREAD	:	3.050	2.467	2.006
VERTICAL SPREAD	:	2.160	1.751	1.751
EXTREME SPREAD	:	3.520	2.500	2.014
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

30 Jan 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C8225118

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 9

HS= 2.700

VS= 1.662

GS= 2.971

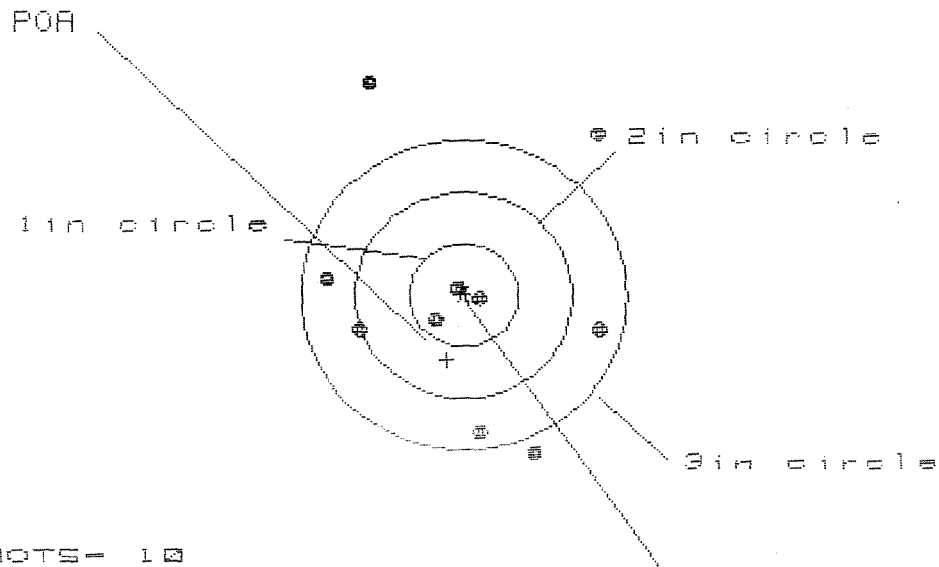
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.218	1.054	.549
MINIMUM X	:	-1.482	-1.057	-.926
MAXIMUM Y	:	.984	.909	.970
MINIMUM Y	:	-.678	-.739	-.678
CENTROID X	:	.266	.430	.299
CENTROID Y	:	.857	.932	.871
POA TO CENTROID in.	:	.897	1.027	.921
MIN RADIUS	:	.285	.180	.257
MEAN RADIUS	:	.831	.708	.662
MAX RADIUS	:	1.629	1.161	1.039
HORIZONTAL SPREAD	:	2.700	2.111	1.475
VERTICAL SPREAD	:	1.662	1.640	1.040
EXTREME SPREAD	:	2.971	2.185	1.910
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225118

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 7

HS= 2.524

VS= 3.588

GS= 3.890

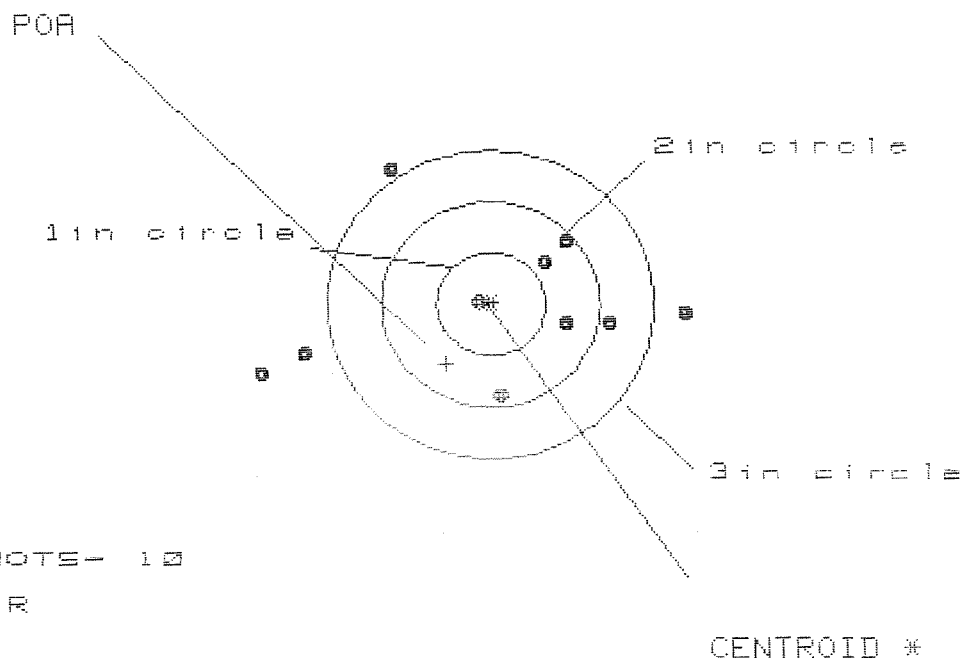
CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.254	1.158	1.382
MINIMUM X	:	-1.270	-1.366	-1.221
MAXIMUM Y	:	2.019	1.803	.654
MINIMUM Y	:	-1.569	-1.344	-1.119
CENTROID X	:	.159	.255	.110
CENTROID Y	:	.631	.406	.181
POA TO CENTROID in.	:	.650	.479	.212
MIN RADIUS	:	.086	.163	.336
MEAN RADIUS	:	1.148	1.031	.992
MAX RADIUS	:	2.198	2.143	1.385
HORIZONTAL SPREAD	:	2.524	2.524	2.523
VERTICAL SPREAD	:	3.588	3.147	1.773
EXTREME SPREAD	:	3.890	3.207	2.603
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			4	
NUMBER IN THREE INCH CIRCLE =			7	

30 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225118

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 6

HS= 3.894

VS= 2.245

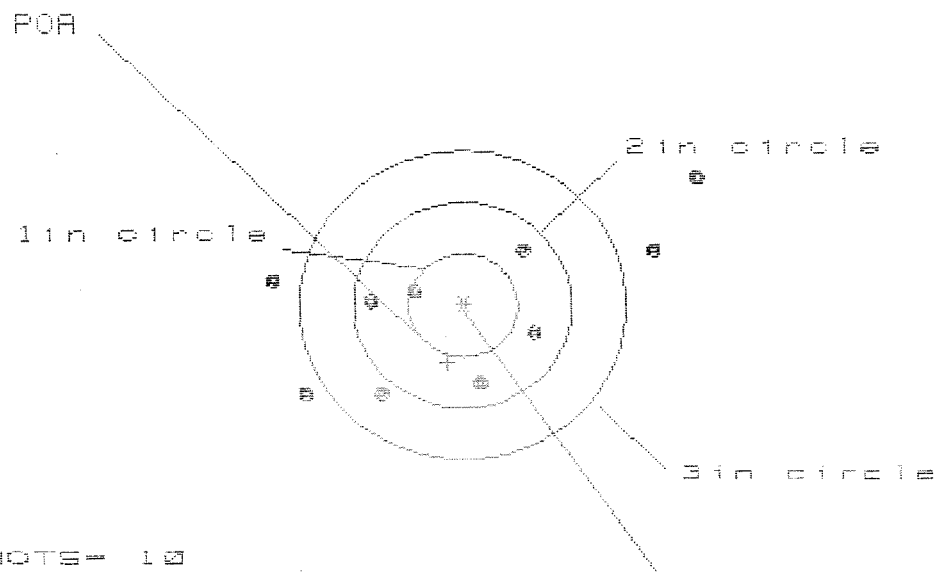
GS= 3.946

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.759	1.522	1.018
MINIMUM X	:	-2.135	-1.913	-1.723
MAXIMUM Y	:	1.331	1.256	1.241
MINIMUM Y	:	-.914	-.989	-1.004
CENTROID X	:	.413	.650	.460
CENTROID Y	:	.583	.658	.673
POA TO CENTROID in.	:	.714	.925	.815
MIN RADIUS	:	.120	.340	.153
MEAN RADIUS	:	1.181	1.014	.966
MAX RADIUS	:	2.241	1.990	1.813
HORIZONTAL SPREAD	:	3.894	3.435	2.741
VERTICAL SPREAD	:	2.245	2.245	2.245
EXTREME SPREAD	:	3.946	3.462	2.761
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

30 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225118

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 6

HS= 2.822

VS= 2.862

GS= 4.870

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.106	1.943	1.164
MINIMUM X	:	-1.716	-1.483	-1.240
MAXIMUM Y	:	1.200	.681	.763
MINIMUM Y	:	.602	.729	.847
CENTROID X	:	.148	-.086	-.329
CENTROID Y	:	.558	.425	.344
POA TO CENTROID in.	:	.577	.433	.476
MIN RADIUS	:	.444	.346	.383
MEAN RADIUS	:	1.236	1.065	.912
MAX RADIUS	:	2.423	2.049	1.328
HORIZONTAL SPREAD	:	3.822	3.426	2.404
VERTICAL SPREAD	:	2.862	1.410	1.410
EXTREME SPREAD	:	4.870	3.435	2.454
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		6	

MAINTENANCE REQUEST				PAGE () OF ()		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG									
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA				
1a. WORK ORDER NO. 01010101		b. CUSTOMER UNIT NAME G-10756(A)		c. PHONE NO. 432-349		3a. WORK ORDER NO (WON)		b. SHOP	c. PHONE NO.
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC W410910		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA									
5. ID		6. NSN 1005012402136				15. FAILURE DETECTED DURING (Select one - use / or X)			
7. TYPE MNT. REQ. CODE		8. MODEL REMINGTON B/A M24 SWS 7.62 SWS				☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☒ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other ☐ I Calibration			
9. NOUN M24 SWS 7.62 Rifle		16a. MILES/KILOMETERS (Enter or x)		b. HOURS		c. ROUNDS			
10a. ORG WON		b. EIC		d. LANDINGS		e. AUTO ROTATIONS		17. PROJ. CODE (If Assigned)	
11. SERIAL NUMBER 0162251118		b. QTY.		13. PD		19. IN WARRANTY? (Y or N) YES			
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.) Barrel Replaced Bolt Refurbished Trigger Adjusted Rear Stock ADS tighten		20. LEVEL OF WORK (Select one - use / or X)		21. BUMPER NO./TAIL NO.		22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N) N			
		☐ O Unit Level ☐ H Intermediate General Spt. ☐ I Special Repair Activity ☐ F Immediate Direct Spt. ☒ D Depot Remington N.Y.							
23. PD AUTHENTICATION SIGNATURE (Payroll Signature)									
PREPARATION INSTRUCTIONS									
SECTION I - Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maintenance is completed. Block 2b. Enter UIC of supporting SAMS-2 if work is requested while intransit and away from your support maintenance unit. Block 2c. Enter equipment utilization code under which Materiel Condition Status is reported. See SAMS Codes and Tables.					SECTION III (Continued) - Block 14. Leave blank. Block 15. Select one. Use a " / or x" to indicate when failure was detected. Block 16. Enter the accumulated usage data in block 16a through 16e, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. Leave blank (for DSU/GSU use). Block 19. Enter a "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Select one. Use a " / or x" to indicate the level of work to be performed on equipment submitted. See SAMS Codes and Tables. Block 21. Enter the bumper number or admin. number assigned for property control purposes to the equipment being submitted. Block 22. Leave blank (for DSU/GSU use). Block 23. Enter the payroll 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 maintenance.				
SECTION II - Leave blank. To be completed by the support maintenance DSU/GSU.					SECTION III - Block 5. Enter the Type Maintenance Request Code. See SAMS Codes and Tables. Block 6. Enter ID associated with block 7. See SAMS Codes and Tables. 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) assigned when item submitted is reportable for MCSR. Otherwise, leave blank. Block 10b. Enter EIC (left justify). Block 11. Enter serial number of item being submitted. Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from SAMS Codes and Tables.				
34a. SUBMITTED BY b. ORD DATE 916101514					35a. ACCEPTED BY b. ST c. ORD DATE d. MIL TIME				

Block 34a. Enter signature of submitter.
 Block 34b. Enter Ordinal Date submitted (YYDDD).
 Block 35a. Enter signature of person accepting the maintenance request.
 Block 35b. Enter the status.
 Block 35c. Enter Ordinal Date accepted (YYDDD).
 Block 35d. Enter Military Time.

DA FORM 5504, SEP 88

DA FORM 5504, APR 87 MAY BE USED

RECEIPT COPY 1

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400049502

MAINTENANCE REQUEST				PAGE <u>1</u> OF <u>1</u>		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047		CONTROL NUMBER		
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG										
SECTION I - CUSTOMER DATA					SECTION II - MAINTENANCE ACTIVITY DATA					
1a. WORK ORDER NO. <u>01010101</u>		b. CUSTOMER UNIT NAME <u>C-107526(A)</u>		c. PHONE NO. <u>4312-349</u>		3a. WORK ORDER NO (WON)		b. SHOP		
2. If Intransit Customer, enter data in Blocks 2a and 2b		2a. SAMS-2 UIC <u>W1410910</u>		b. UTILIZATION CODE		4a. UIC SUPPORT		b. SUPPORT UNIT NAME		
SECTION III - EQUIPMENT DATA										
5. ID		6. NSN <u>10050112410211361</u>				15. FAILURE DETECTED DURING (Select one - use / or X)				
7. TYPE MNT. REQ. CODE		8. MODEL <u>REMINGTON B1A</u> <u>M24 SWS 7.62 SWS</u>				☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☒ B Handling ☐ D Normal Op ☐ F Inspection ☐ H Other ☐ I Calibration				
9. NOUN <u>M24 SWS 7.62 Rifle</u>		10a. ORG WON		b. EIC		16a. MILES/KILOMETERS (Enter or X)		b. HOURS		
11. SERIAL NUMBER <u>016122151118</u>		b. QTY. <u>10101</u>		13. PD		17. PROJ. CODE (If Assigned)		18. ACCT. PROCESSING CODE		
24. Describe Deficiencies or Symptoms on the basis of Complete Checkout and Diagnostic Procedure in Equipment TM (Do not prescribe repairs.) <u>Barrel Replaced</u> <u>Rear Stock ADJ</u> <u>Bolt Refurbished</u> <u>tighten</u> <u>Trigger Adjusted</u>					19. IN WARRANTY? (Y or N) <u>YES</u> 20. LEVEL OF WORK (Select one - use / or X) ☐ O Unit Level ☐ H Intermediate General Spt. ☐ I Special Repair Activity ☐ F Immediate Direct Spt. ☒ D Depot <u>Remington N.Y</u>					
21. BUMPER NO./TAIL NO.					22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N) <u>N</u>					
23. PD AUTHENTICATION SIGNATURE (Payroll Signature)										
SECTION IV - REPORTABLE DATA										
25a. STA	b. ORD DATE	c. MIL TIME	a. STA	b. ORD DATE	c. MIL TIME	26. TECHNICAL REFERENCES				
SECTION V - TASK REQUIREMENTS DATA										
27a. FILE INPUT CD.	b. TASK NO.	c. ACT. RQD.	d. TASK DESCRIPTION			e. QTY. TO BE RPR	f. WORK CENTER	g. FAILURE CODE	h. MH RMN/PROJ	
SECTION VI - PART REQUIREMENTS										
28a. FILE INPUT CD.	b. TASK NO.	c. ID	d. RQD NSN OR PART NO.	e. SFX CD	f. QTY. REQUIRED	g. QTY. ISSUED	h. NM CS	i. FAILURE CODE	j. STORAGE LOCATION	k. NOUN/INIT.
SECTION VII - COMPLETION DATA										
29. QTY. RPR		30. QTY. CONDEMN.		31. QTY. NRTS		32. EVAC WON		33. EVAC UNIT NAME		
SECTION VIII - ACTION SIGNATURES										
34a. SUBMITTED BY		35a. ACCEPTED BY		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY		
<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		
b. ORD DATE	b. ST	c. ORD DATE	d. MIL TIME	b. ST	c. ORD DATE	d. MIL TIME	b. ST	c. ORD DATE	d. MIL TIME	
<u>916101514</u>										

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

R & E NUMBER			
SERIAL NUMBER		<i>C6225/18</i>	
LOG-IN DATE		<i>5-11-00</i>	
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	<i>5-15-00</i>	<i>RW</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL AND TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>5-22-00</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>5-22-00</i>	<i>RW</i>
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	<i>7-17-00</i>	<i>RW</i>
655	FINAL INSPECT	<i>7-25-00</i>	<i>RW</i>
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Final Inspection

S.N.:

DATE REC'D:

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:

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6225118
20 Jul 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1448
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0656
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .158967

THE AMR FOR THIS RIFLE IS: .9432

CENTROIDAL DISTANCES

0	TO	1	.0762168
1	TO	2	.33565
1	TO	3	.105603
1	TO	4	.462001
1	TO	5	.347282

34 ξ_4 <----POA

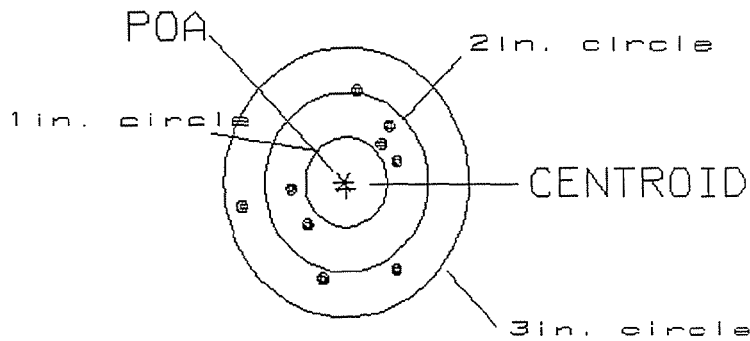
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .076
 MIN RADIUS : .639
 MEAN RADIUS : .871
 MAX RADIUS : 1.330
 CENTROID X : -.025
 CENTROID Y : .072

20 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225118

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 1.89

0

VS= 2.09

7

GS= 2.13

10

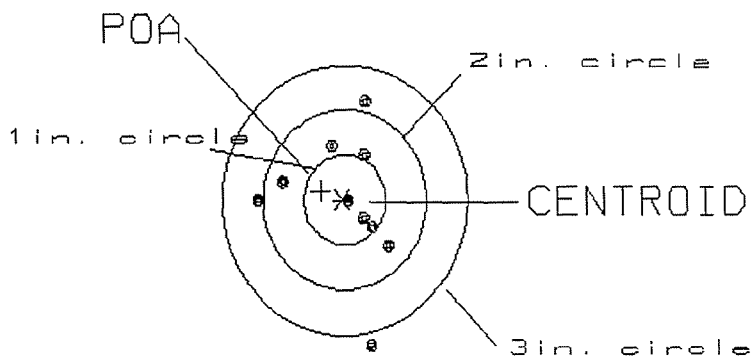
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .282
 MIN RADIUS : .082
 MEAN RADIUS : .749
 MAX RADIUS : 1.598
 CENTROID X : .265
 CENTROID Y : -.097

20 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225118

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.59
 US= 2.71
 GS= 2.71

3
 7
 9

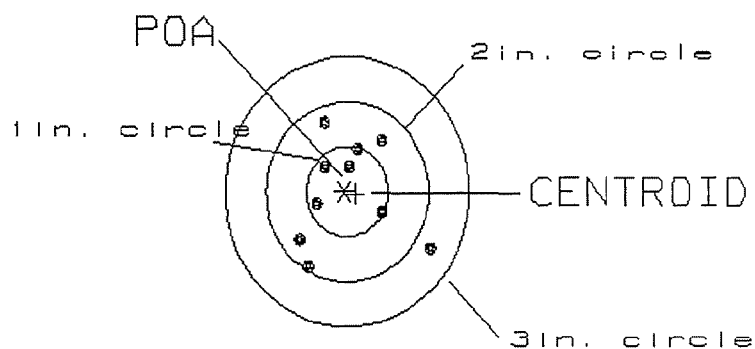
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .124
 MIN RADIUS : .269
 MEAN RADIUS : .663
 MAX RADIUS : 1.237
 CENTROID X : -.121
 CENTROID Y : .028

20 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225118

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.68
 VS= 1.57
 GS= 1.89

3
 9
 10

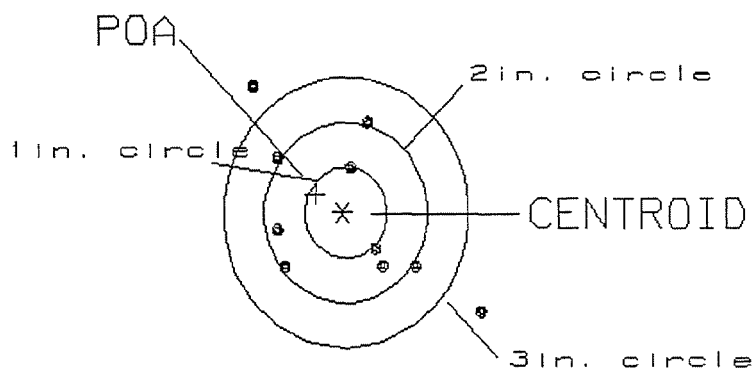
PATTERN #: ☐ 4 ☐

POA TO CENTROID: .401
 MIN RADIUS : .536
 MEAN RADIUS : 1.059
 MAX RADIUS : 1.987
 CENTROID X : .344
 CENTROID Y : -.206

20 Jul 2000

FILE: /Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225118

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.81
 VS= 2.45
 GS= 3.73

0
 5
 8

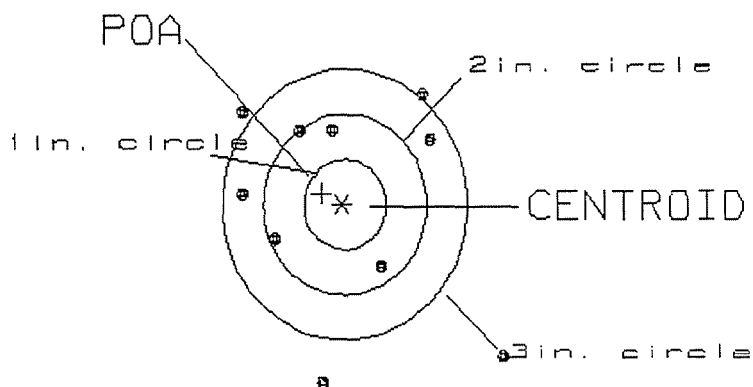
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .289
MIN RADIUS : .793
MEAN RADIUS : 1.374
MAX RADIUS : 2.536
CENTROID X : .261
CENTROID Y : -.125

20 Jul 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6225118

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.24

0

VS= 3.26

4

GS= 4.18

6

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: RE00131887

Serial: C6225118 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 7/30/2007 10:55:04 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: A CO 1/10SF BN A CO 1/10SF BN

Address 1: PANZER KASERNE PANZER KASERNE

Address 2: APO PO Box: APO PO Box:

City: WH09A0 WH09A0

State: AE Zip Code: 09107 Country: IT State: AE Zip Code: 09107 Country: IT

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
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/30/2007

12:51 PM

CAPS

NUM

INS

SCRL



4 Micro...

6 Inter...

RAC0179...

Part Sear...

Arms Ser...



12:51 PM

Serial Number: C6225118

Model: M24 SWS



RE00131887

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225118.___0
FILE DATE AND TIME: 09/27/2007 21:10

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.124
The Average Y Centroid of the Five Target Set:	-0.054
The Average Point of Impact of the Five Target Set:	0.135
The Average Mean Radius of the Five Target Set:	0.824
The Distance from POA to Centroid Target #1:	0.219
The Distance from Centroid Target #2 to Centroid Target #1:	0.353
The Distance from Centroid Target #3 to Centroid Target #1:	0.209
The Distance from Centroid Target #4 to Centroid Target #1:	0.149
The Distance from Centroid Target #5 to Centroid Target #1:	0.125

SERIAL NUMBER: C6225118. 0

TARGET NUMBER: 1

FILE DATE: 09/27/2007

FILE TIME: 21:10

POINT#	X	Y
1:	0.443	0.453
2:	0.734	0.783
3:	1.038	0.266
4:	1.528	0.040
5:	0.363	-0.738
6:	0.466	-0.639
7:	0.132	-0.492
8:	-0.507	-0.415
9:	-1.070	0.362
10:	-0.989	0.833

X CENTROID: 0.214

Y CENTROID: 0.045

POA TO CENTROID: 0.219

HORZ SPREAD: 2.598

VERT SPREAD: 1.571

GROUP SPREAD: 2.639

MIN RADIUS: 0.468

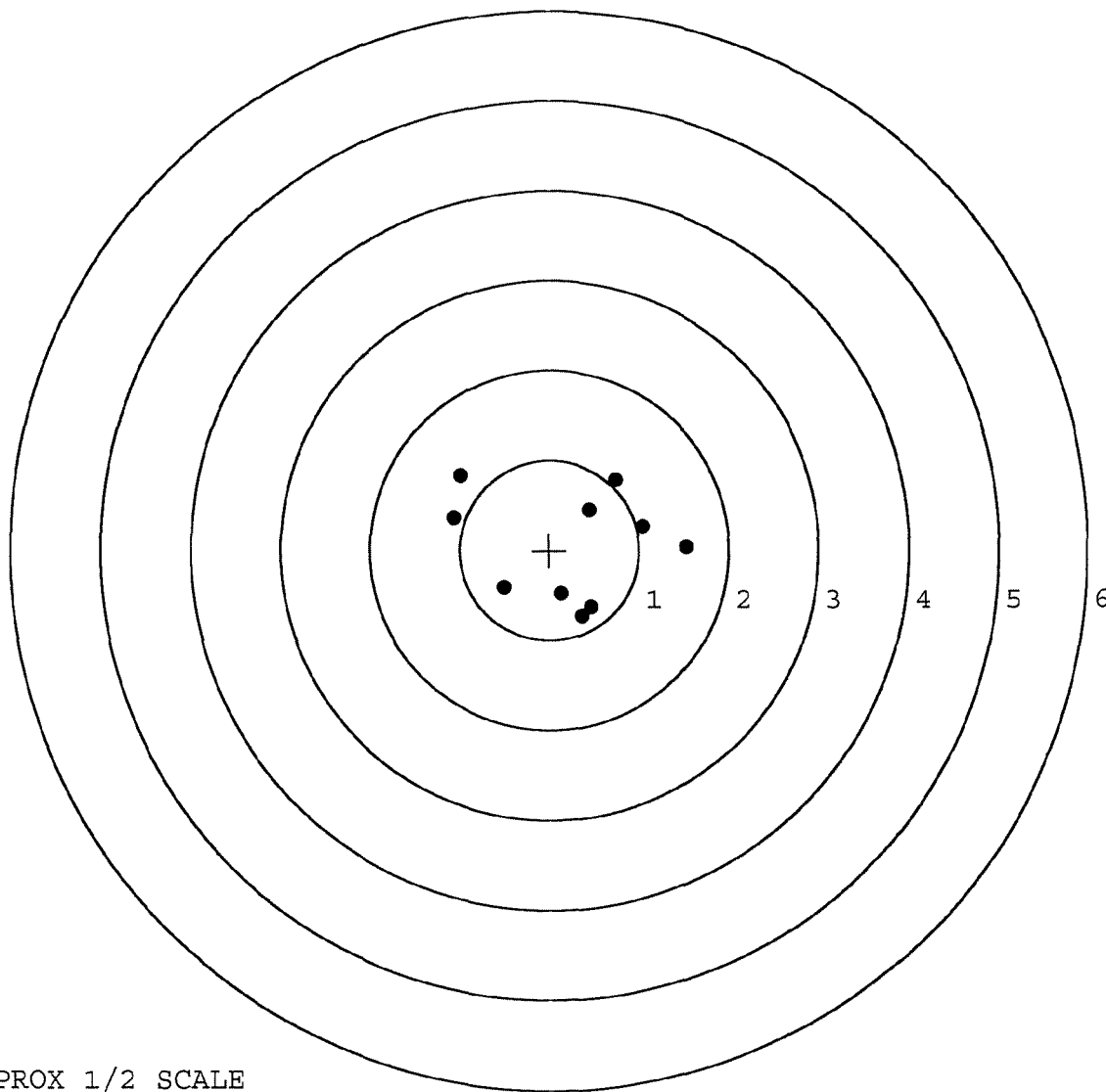
MAX RADIUS: 1.438

MEAN RADIUS: 0.922

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

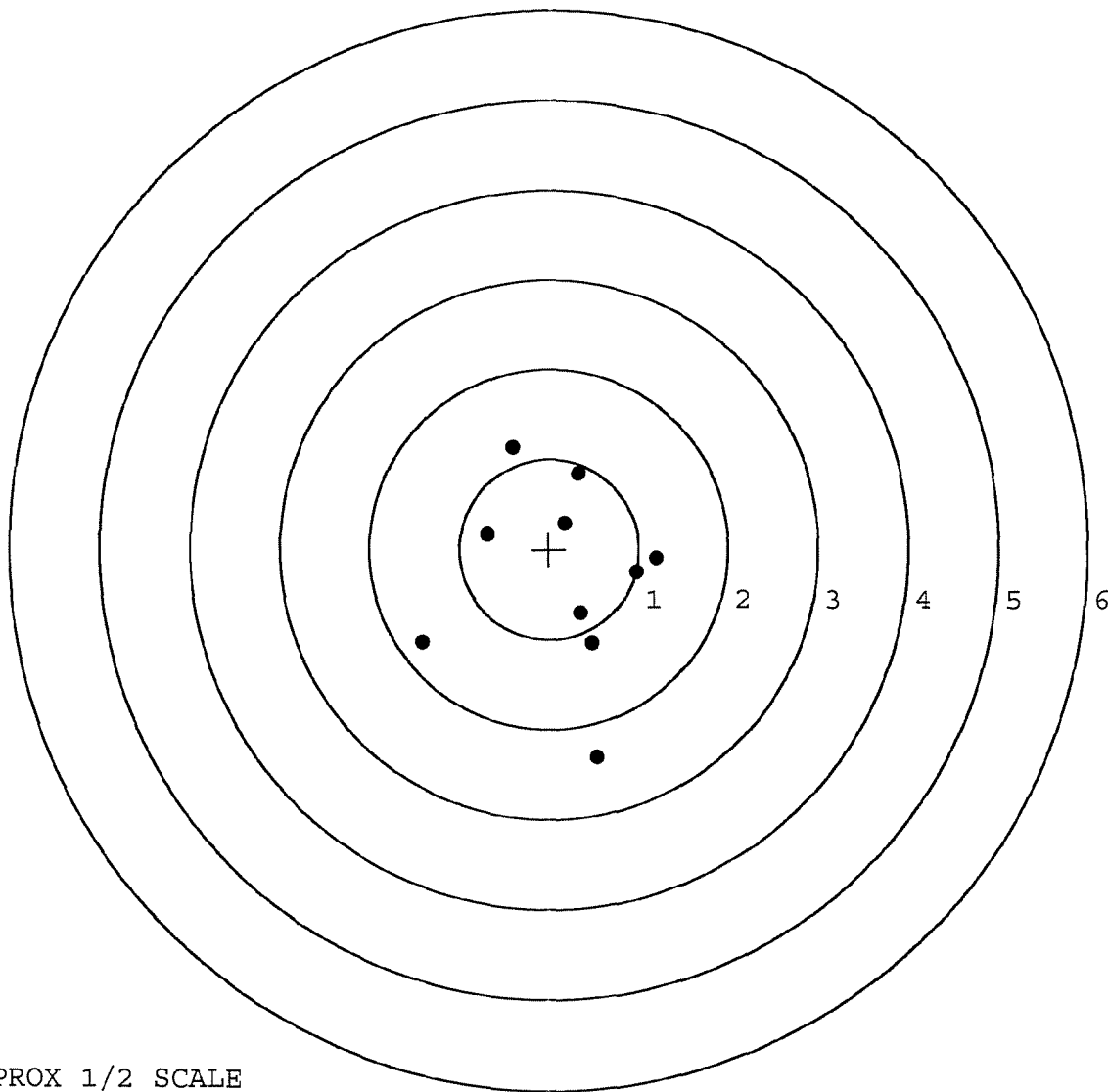


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225118. __0
TARGET NUMBER: 2
FILE DATE: 09/27/2007
FILE TIME: 21:10

X CENTROID: 0.153
Y CENTROID: -0.303
POA TO CENTROID: 0.339
HORZ SPREAD: 2.609
VERT SPREAD: 3.453
GROUP SPREAD: 3.584
MIN RADIUS: 0.456
MAX RADIUS: 2.055
MEAN RADIUS: 1.120
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7

POINT#	X	Y
1:	-0.413	1.133
2:	0.322	0.841
3:	0.170	0.292
4:	1.198	-0.096
5:	0.974	-0.248
6:	0.481	-1.041
7:	0.358	-0.710
8:	-1.411	-1.041
9:	-0.693	0.164
10:	0.546	-2.320

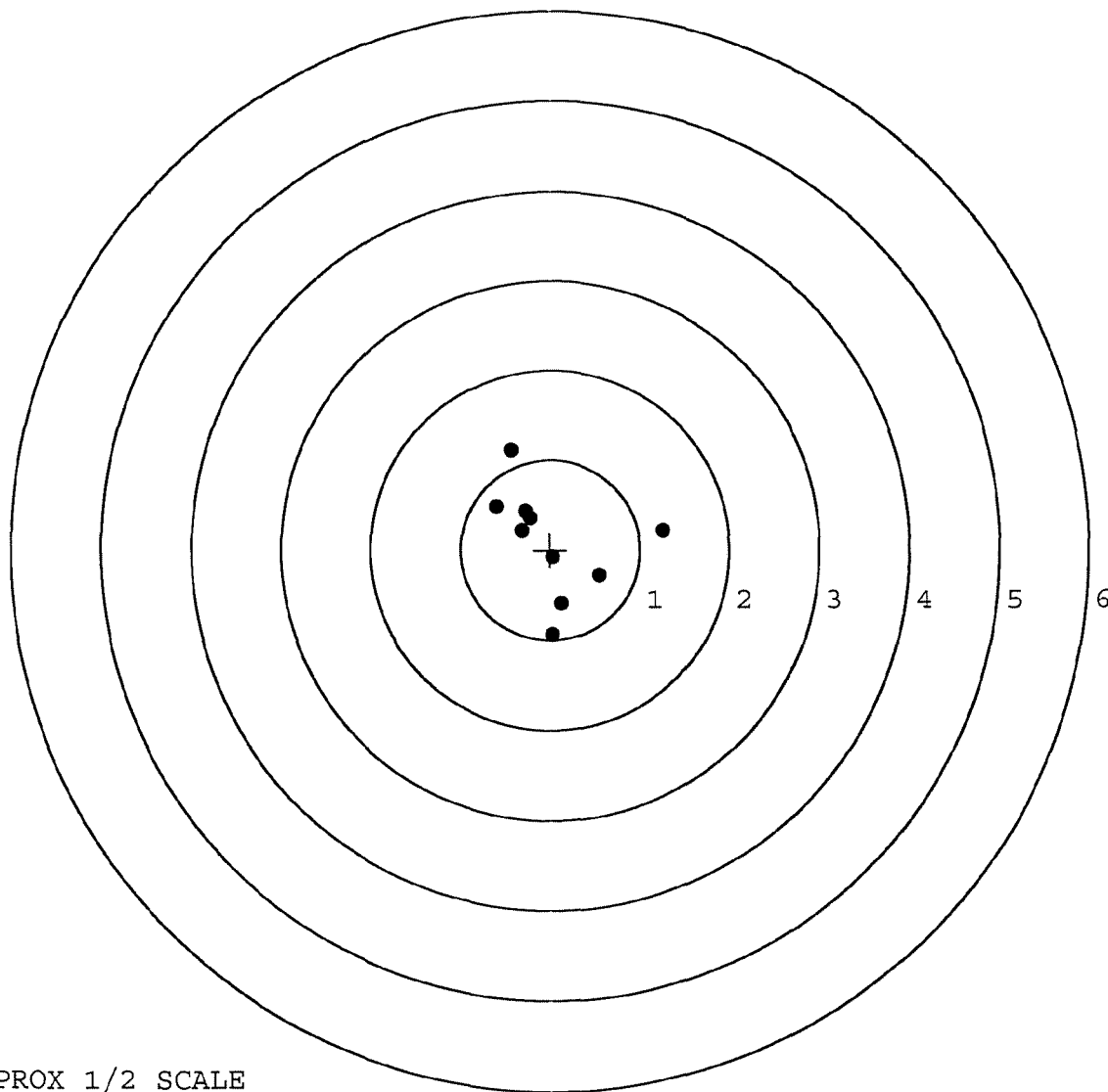


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225118. __0
TARGET NUMBER: 3
FILE DATE: 09/27/2007
FILE TIME: 21:10

POINT#	X	Y
1:	-0.604	0.485
2:	-0.283	0.427
3:	-0.322	0.217
4:	-0.440	1.109
5:	0.027	-0.085
6:	0.120	-0.604
7:	0.023	-0.949
8:	0.551	-0.285
9:	1.256	0.218
10:	-0.230	0.355

X CENTROID: 0.010
Y CENTROID: 0.089
POA TO CENTROID: 0.089
HORZ SPREAD: 1.860
VERT SPREAD: 2.058
GROUP SPREAD: 1.916
MIN RADIUS: 0.175
MAX RADIUS: 1.253
MEAN RADIUS: 0.683
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

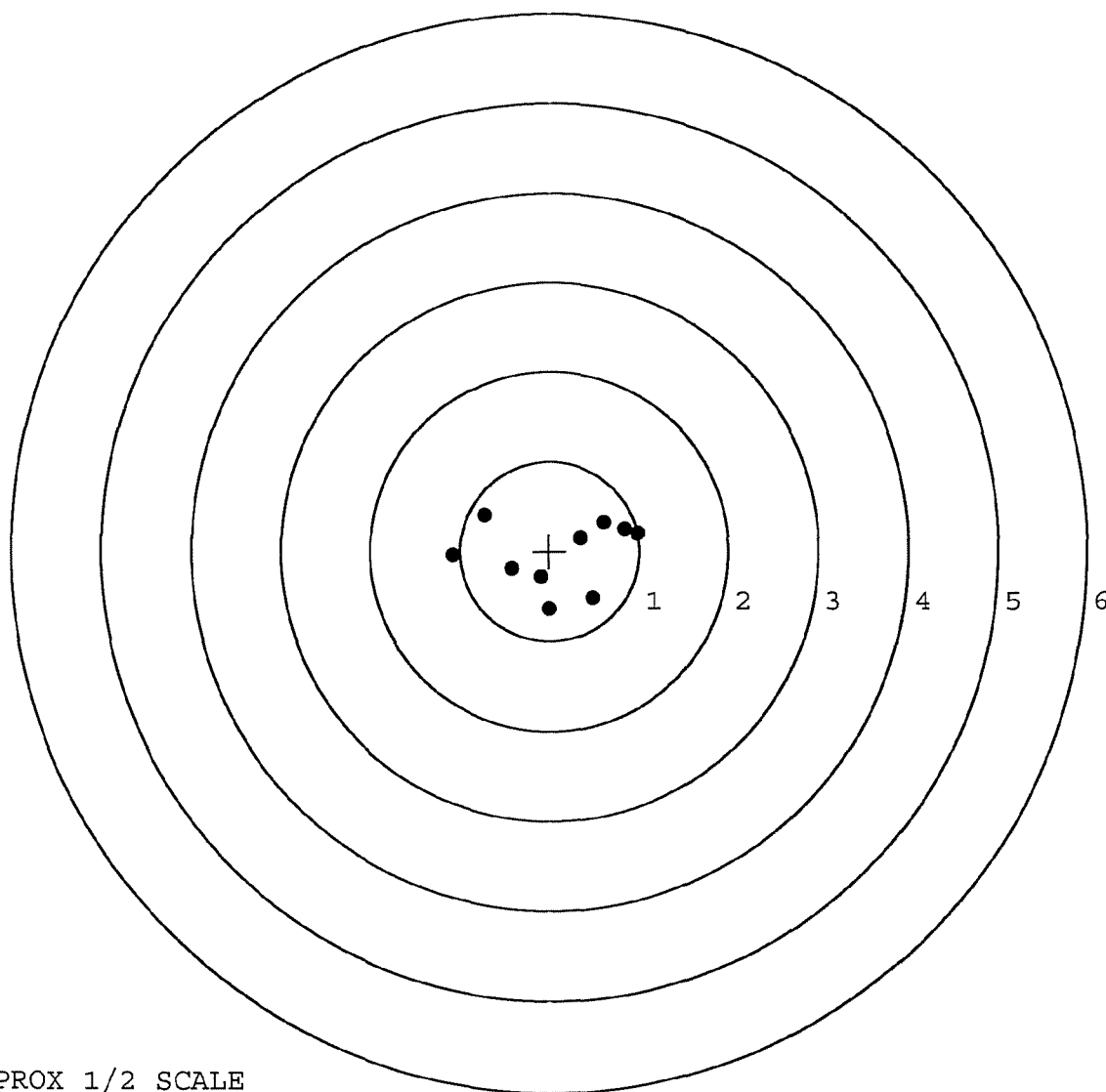


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225118. __0
TARGET NUMBER: 4
FILE DATE: 09/27/2007
FILE TIME: 21:10

POINT#	X	Y
1:	-0.733	0.401
2:	-1.080	-0.052
3:	-0.421	-0.197
4:	-0.099	-0.292
5:	-0.012	-0.649
6:	0.483	-0.523
7:	0.351	0.147
8:	0.601	0.324
9:	0.835	0.251
10:	0.983	0.203

X CENTROID: 0.091
Y CENTROID: -0.039
POA TO CENTROID: 0.099
HORZ SPREAD: 2.063
VERT SPREAD: 1.050
GROUP SPREAD: 2.079
MIN RADIUS: 0.317
MAX RADIUS: 1.171
MEAN RADIUS: 0.687
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225118. __ 0

TARGET NUMBER: 5

FILE DATE: 09/27/2007

FILE TIME: 21:10

X CENTROID: 0.152

Y CENTROID: -0.063

POA TO CENTROID: 0.164

HORZ SPREAD: 2.120

VERT SPREAD: 2.387

GROUP SPREAD: 2.389

MIN RADIUS: 0.156

MAX RADIUS: 1.258

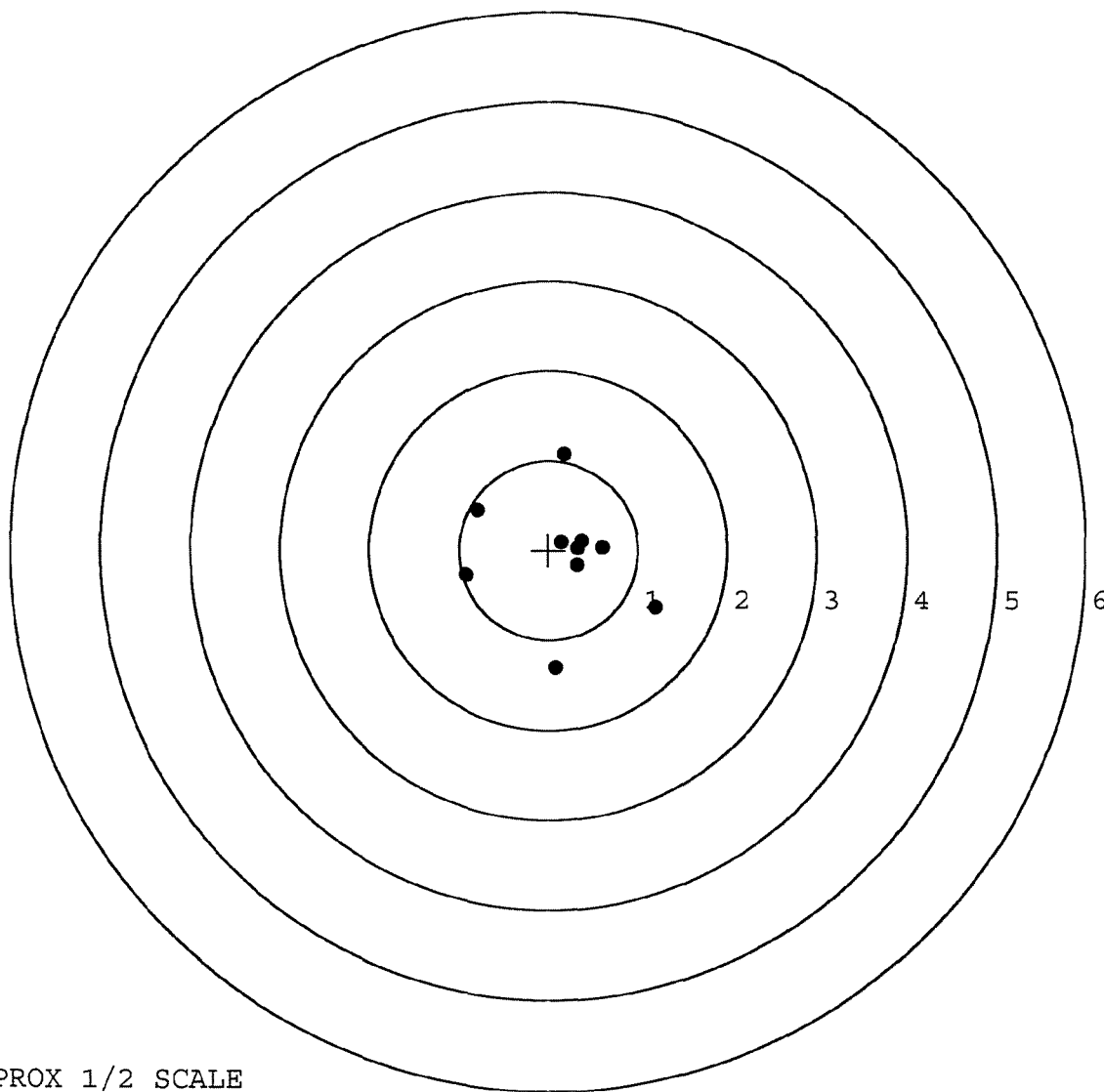
MEAN RADIUS: 0.707

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.178	1.068
2:	-0.795	0.452
3:	-0.923	-0.286
4:	0.144	0.093
5:	0.377	0.112
6:	0.601	0.036
7:	0.324	-0.172
8:	1.197	-0.642
9:	0.086	-1.319
10:	0.331	0.030



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 131887

SERIAL NUMBER C6225118

LOG-IN DATE 7-30-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-12-07	RTZ
505	RE-BARREL	9-14-07	RTZ
560	ASSEMBLE	9-14-07	RTZ
600	PROOF	9-14-07	mm
605	CHECK HEADSPACE	9-14-07	mm
610	DIS-ASSEMBLE GUN	9-17-07	TRW
612	MAGNAFLUX	9-18-07	TRW
510	DRILL AND TAP	9-17-07	TRW
615	ROLLMARK CALIBER	9-17-07	CW
618	ROTO-BLAST	9-18-07	JD
620	APPLY COATINGS	9-27-07	RTZ
625	FINAL ASSEMBLY	9-27-07	RTZ
640	FUNCTION TEST AND	9-27-07	mm
650	TARGET	9-27-07	mm
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-27-07	SD
	A) HEADSPACE	9-27-07	RTZ
	B) TRIGGER PULL	9-28-07	DA
680	F) SAFETY ON FORCE	9-28-07	DA
	G) SAFETY OFF FORCE	9-28-07	DA
	I) FIRING PIN INDENT	9-28-07	DA
690	PACK	10-4-07	

MAGNA - FLUX

SEP 18 2007

OPERATOR

PASS

FAIL

PASS

FAIL

N/A

+/- .5 LBS
MIN 2.50 LBS
MAX 4.0 LBS

2 LBS MIN
10 LBS MAX

2 LBS
MIN

.020