

C6225210

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225210

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	89	RW
612	Magnaflux Barrel Action		1-27-89	RW
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber			
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	TSX
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/15/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/15/89	RW
	C) Inspect Ejector Hole for Chamfer		2/15/89	RW
	D) Oil Firing Pin Ass'y		2/15/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		16 Feb 89	JSB

op. #	BARBER, M24 0010667 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	4	4			17/1/89	JS
	G) Safety Off Force	4	4	4			17/1/89	JS
	H) Trigger Pull Test & Retainability						16/1/89	JS
	I) Firing Pin Indent	.0225	.022	.023			17/1/89	JS
	J) Assemble Stock						2/20/89	RW
	K) Assemble Swivel Studs						22/1/89	JS
	L) Attach Front and Rear Sight Assemblies						2/20/89	RW
	M) Iron Sight Alignment						2/20/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/20/89	RW
	O) Attach Scope to Rifle						20/1/89	JS
	P) Detach & Attach Scope 20 Times						20/1/89	JS
640	Gallery Target & Test	60 R	90 L				2/21/89	DH
	A) Time						2/21/89	DH
	B) Malfunctions						2/21/89	DH
	C) Pierced Primers						2/21/89	DH
	D) Optical Clarity of Scope						2/21/89	DH
645	Inspect for Live Ammo						2/21/89	DH
655	Final Inspection A) Headspace						22/1/89	JS
	B) Trigger Pull	2.24	2.27	2.32	2.29	2.29	22/1/89	JS
	C) Function						22/1/89	JS
660	Pack						22/1/89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225210

DATE 4/4/90

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.38	2.30	2.34	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.25	2.23	
PULL #3	2.37	2.36	2.42	
PULL #4	2.16	2.26	2.36	
PULL #5	2.32	2.24	2.30	
TOTAL	11.55	11.41	11.65	
AVG.	2.31	2.28	2.33	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.11	3.16	
PULL #2	3.11	3.19	
PULL #3	3.21	3.27	
PULL #4	3.21	3.24	
PULL #5	3.19	3.19	
TOTAL	15.83	16.05	
AVG.	3.16	3.21	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.22		
PULL #2	4.35	4.28		
PULL #3	4.34	4.26		
PULL #4	4.38	4.30		
PULL #5	4.41	4.32		
TOTAL	21.85	21.38		
AVG.	4.37	4.27		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225210
22 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	.488083
1 TO	2	.317404
1 TO	3	.541724
1 TO	4	.276384
1 TO	5	.409004

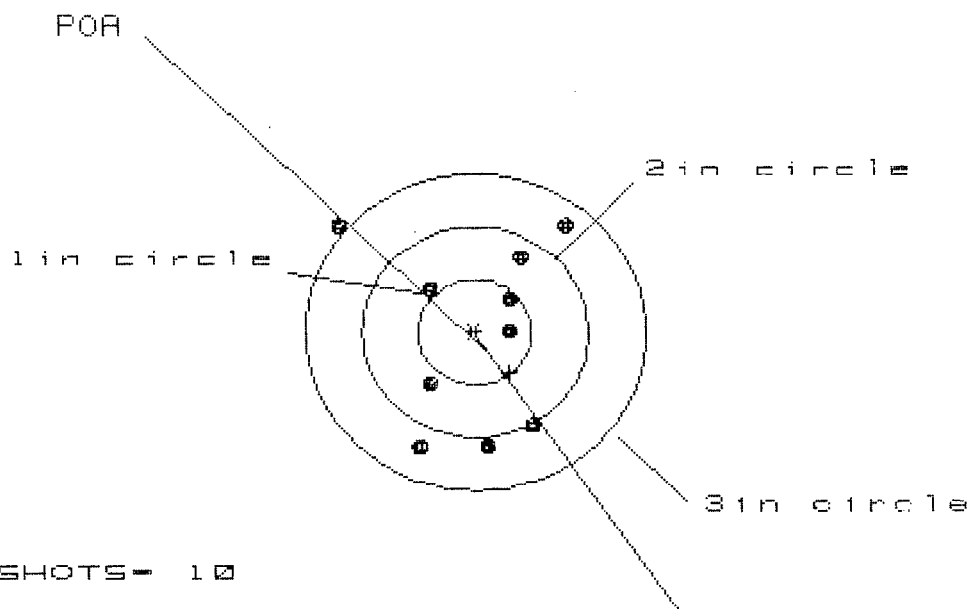
3
21.5 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.3248
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3606
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .405312
THE AMR FOR THIS RIFLE IS: .8682

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225210

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 5

3 in - 9

HS= 1.988

VS= 2.067

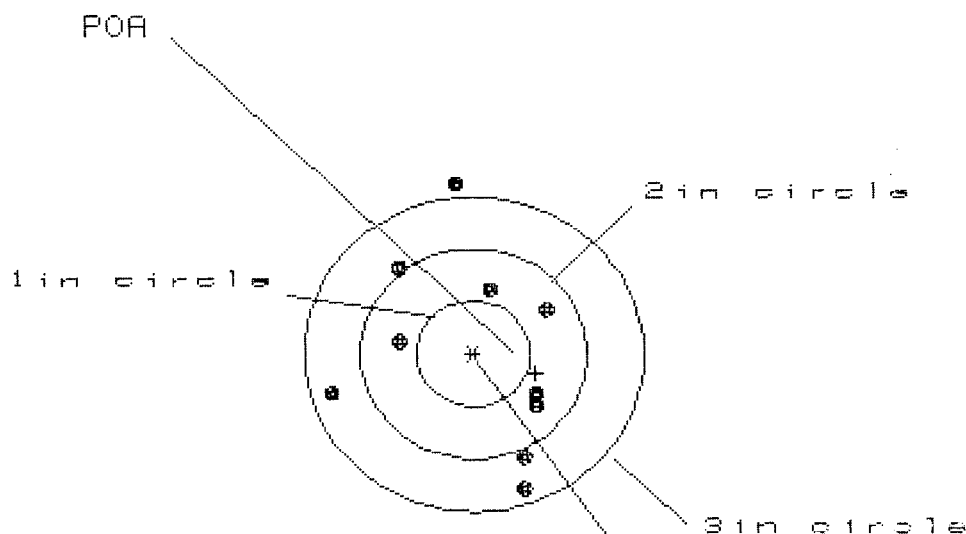
GS= 2.564

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.785	.651	.476
MINIMUM X	:	-1.203	-.615	-.533
MAXIMUM Y	:	1.013	1.125	.968
MINIMUM Y	:	-1.054	-.942	-.801
CENTROID X	:	-.300	-.166	-.248
CENTROID Y	:	.385	.273	.132
POA TO CENTROID in.	:	.488	.320	.281
MIN RADIUS	:	.298	.204	.359
MEAN RADIUS	:	.887	.796	.733
MAX RADIUS	:	1.570	1.300	1.033
HORIZONTAL SPREAD	:	1.988	1.266	1.009
VERTICAL SPREAD	:	2.067	2.067	1.769
EXTREME SPREAD	:	2.564	2.424	1.982
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225210

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 5

3 in - 9

HS- 1.9000

VS= 2.827

GS= 2.883

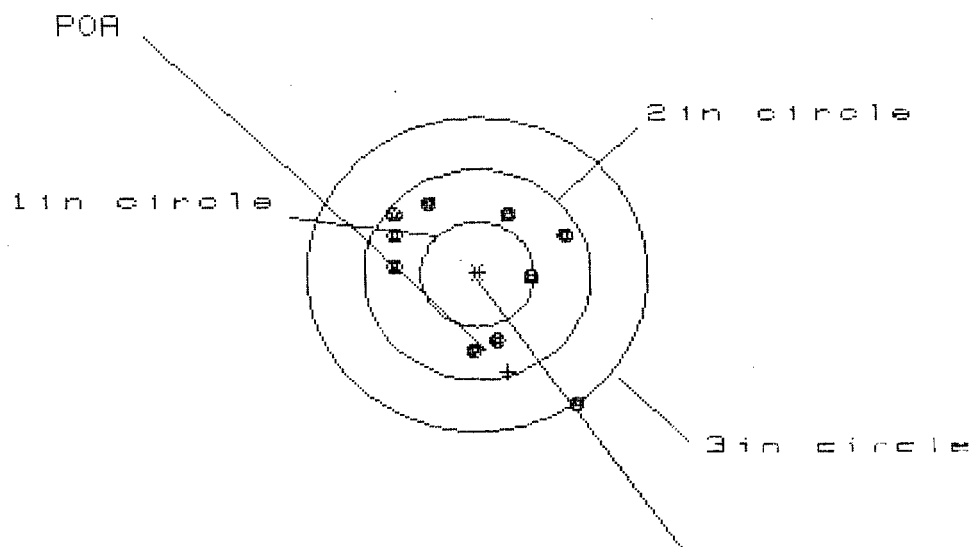
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.689	.671	.720
MINIMUM X	:	-1.211	-1.229	-1.180
MAXIMUM Y	:	1.569	.951	.815
MINIMUM Y	:	-1.258	-1.083	-.982
CENTROID X	:	-.544	-.526	-.575
CENTROID Y	:	.182	.007	.143
POA TO CENTROID in.	:	.574	.526	.593
MIN RADIUS	:	.640	.568	.649
MEAN RADIUS	:	.981	.904	.866
MAX RADIUS	:	1.578	1.247	1.231
HORIZONTAL SPREAD	:	1.900	1.900	1.900
VERTICAL SPREAD	:	2.827	2.034	1.797
EXTREME SPREAD	:	2.883	2.302	2.104
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225210

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 9

3 in = 10

HS= 1.593

VS= 1.911

GS= 2.341

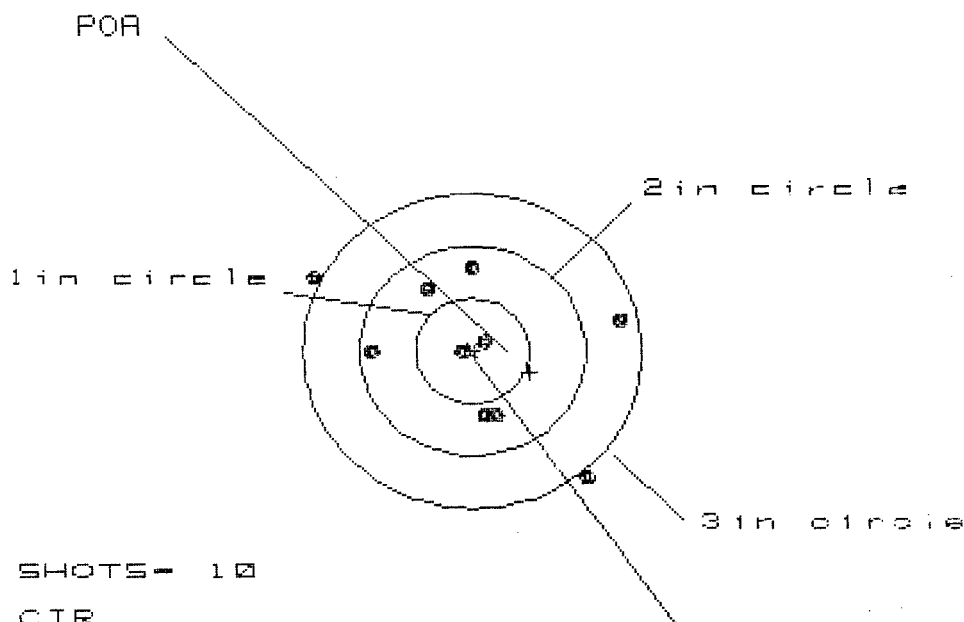
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.866	.825	.750
MINIMUM X	:	-.727	-.631	-.706
MAXIMUM Y	:	.699	.564	.615
MINIMUM Y	:	-1.212	-.888	-.837
CENTROID X	:	-.272	-.368	-.293
CENTROID Y	:	.926	1.061	1.010
POA TO CENTROID in.	:	.965	1.123	1.052
MIN RADIUS	:	.496	.553	.524
MEAN RADIUS	:	.809	.715	.711
MAX RADIUS	:	1.489	.894	.838
HORIZONTAL SPREAD	:	1.593	1.456	1.456
VERTICAL SPREAD	:	1.911	1.452	1.452
EXTREME SPREAD	:	2.341	1.525	1.525
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225210

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 7

3 in - 8

HS= 2.719

VS= 2.000

GS= 3.138

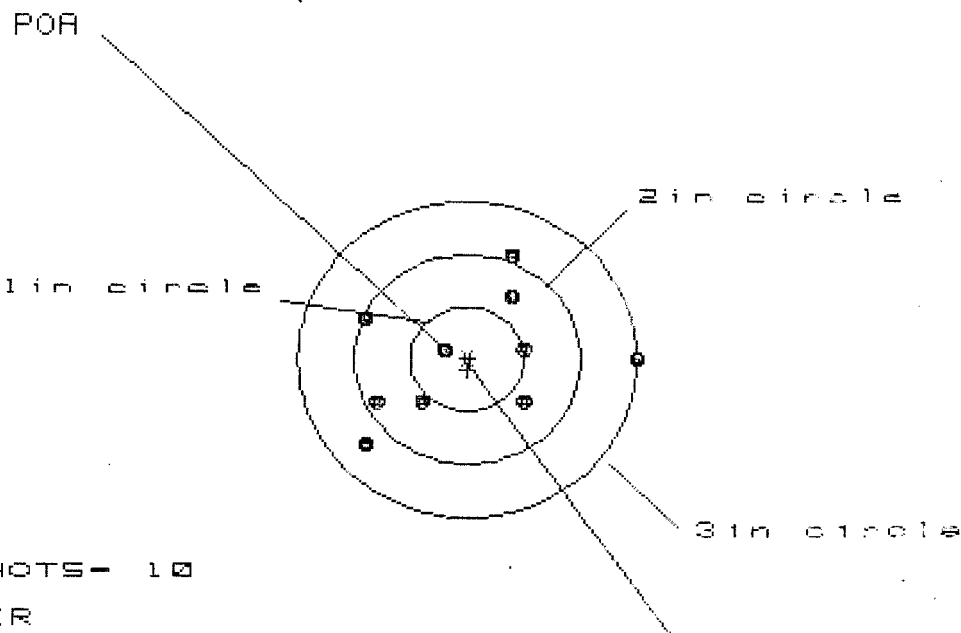
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.281	1.121	1.232
MINIMUM X	:	-1.438	-1.000	-.897
MAXIMUM Y	:	.827	.908	.771
MINIMUM Y	:	-1.181	-1.100	-.687
CENTROID X	:	-.508	-.348	-.459
CENTROID Y	:	.203	.122	.259
POA TO CENTROID in.	:	.547	.369	.527
MIN RADIUS	:	.098	.215	.085
MEAN RADIUS	:	.838	.766	.649
MAX RADIUS	:	1.613	1.416	1.249
HORIZONTAL SPREAD	:	2.719	2.129	2.129
VERTICAL SPREAD	:	2.000	2.000	1.458
EXTREME SPREAD	:	3.138	2.260	2.149
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225210

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in - 1

2 in - 7

3 in = 9

HS= 2.418

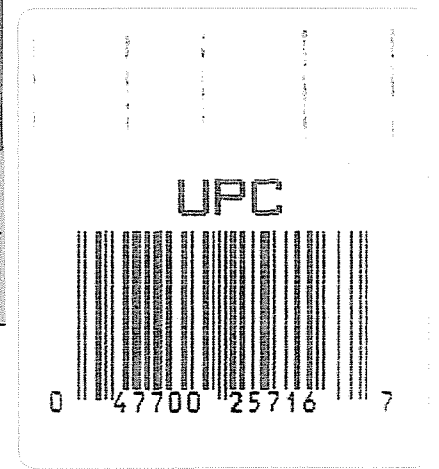
VS= 1.773

GS= 2.555

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.515	.696	.604
MINIMUM X	:	-.903	-.735	-.827
MAXIMUM Y	:	.945	.946	.842
MINIMUM Y	:	-.828	-.827	-.547
CENTROID X	:	.000	-.168	-.076
CENTROID Y	:	.107	.106	.210
POA TO CENTROID in.	:	.107	.199	.223
MIN RADIUS	:	.244	.088	.170
MEAN RADIUS	:	.826	.726	.681
MAX RADIUS	:	1.515	1.106	.947
HORIZONTAL SPREAD	:	2.418	1.431	1.431
VERTICAL SPREAD	:	1.773	1.773	1.389
EXTREME SPREAD	:	2.555	2.174	1.755
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington.		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700 TM H24		SERIAL NO. C6225210	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			



BARBER - M24 0010676 RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-11031

INITIAL CUSTOMER ORDER NO.

JJM

M-24 SNIPER

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

04/23/96

04/24/96

C6225210

700 7.62

NATO

ACCESSORIES

HARD CASE

FROM:

SHIP TO:

U S ARMY
D CO 1/5 SFG (A)
FT CAMPBELL

KY 42223

U S ARMY
D CO 1/5 SFG (A)
FT CAMPBELL

KY
42223

CUST NO: 142073 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

☐ NEW

☐ LIGHTLY WORN

☐ WORN

☐ VERY WORN

☐ UNREPAIRABLE

☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

W52 #096134#245

PARTS

COMMENTS

Barrel - 96003

Repowder Coat Trigger Guard
ASSY FRONT & Rear Sight
Bases
Re Zinc - Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

RW

4/29/96

5/8/96

5/8/96

5/8/96

OFFICE COPY

RD9925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0010676 10715

MAINTENANCE REQUEST				PAGE NO.		NO. OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG											
SECTION I - EQUIPMENT DATA											
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD		PD AUTHENTICATION		
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Dec 15 6th</i>			B. LOCATION <i>Ft Campbell Ky 42223</i>			C. UNIT IDENT CODE <i>W 34805</i> <i>0044108</i>			
2. SERIAL NO. <i>06225210</i>		3. NOUN NOMENCLATURE <i>M24 Sniper Rifle 1.624</i>			4. LINE NO.		5. MODEL		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>		
7A. MAINTENANCE ACTIVITY		B. LEVEL	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS		11. MILES	12. ROUNDS	13. STARTS
14. FAILURE DETECTED DURING (Select one - use ✓ or X)						15. FIRST INDICATION OF TROUBLE (Select one - use ✓ or X)					
☐ A Sch. Main. ☐ B Handling		☐ C Test ☐ D Normal Op		☐ E Storage ☐ F Inspection		☐ G Flight ☐ H Other		☐ 068 Inoperative ☐ 008 Noisy		☐ 258 Overheating ☐ 387 Low Performance	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). <i>Weapon will not Group</i>											
B. REMARKS <i>Excessive Rounds fired 19000+</i>											
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)											
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3.						13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.					
23. SUBMITTED BY <i>[Signature]</i>				24. RECEIVED BY							
JULIAN DATE <i>6071</i>				JULIAN DATE							

Final Inspection

Sn: C6225210

DATE REC'D: 4/24/96

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:

CONTRACT # DAAA21-87-C-0086

Barrel

GUN SERIAL #

C6225210

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		4/29/96	RW
600	Proof		4/29/96	RW
607	Check Headspace		4/29/96	RW
610	Dis-assemble Gun		4/29/96	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		5/8/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/8/96	RW
	C) Inspect Ejector Hole for Chamfer		5/8/96	RW
	D) Oil Firing Pin Ass'y		5/8/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0010681	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		5/8/96	PA
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		5/8/96	PA
655	Final Inspection			
	A) Headspace		5/11/96	RW
	B) Trigger Pull		5/11/96	RW
	C) Function		5/11/96	RW
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225210
11 Mar 1900

CENTROIDAL DISTANCES

0 TO	1	.434108
1 TO	2	.469282
1 TO	3	.31637
1 TO	4	.240626
1 TO	5	.251454

POA



THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .318626
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .318626
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .318626
THE AMR FOR THIS RIFLE IS: 1.081

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225210

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 2

2 in - 4

3 in - 8

HS- 2.288

VS- 2.988

GS- 3.242

CENTROID #

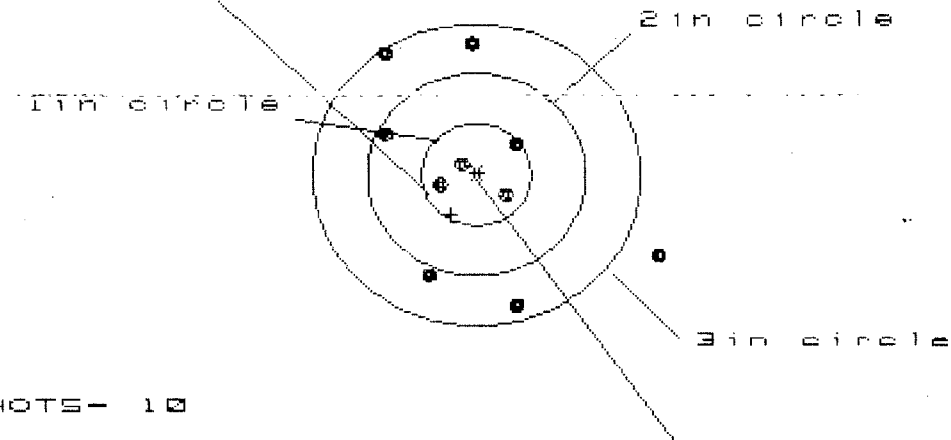
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.109	1.011	1.044
MINIMUM X	-1.179	-1.277	-1.244
MAXIMUM Y	1.576	1.420	1.149
MINIMUM Y	-1.412	-1.401	1.224
CENTROID X	.433	.531	.497
CENTROID Y	-.031	-.117	-.052
POA TO CENTROID in.	.434	.500	.500
MIN RADIUS	.461	.412	.412
MEAN RADIUS	1.138	1.000	1.000
MAX RADIUS	1.668	1.514	1.514
HORIZONTAL SPREAD	2.288	2.288	2.288
VERTICAL SPREAD	2.988	2.988	2.988
EXTREME SPREAD	3.242	3.064	2.906
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	8		

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225210

CENTERFIRE PATTERNS # 2

POA



OF SHOTS- 10

IN CIR

1in - 4

2in - 5

3in - 9

HS- 2.549

VS- 2.642

GS- 3.217

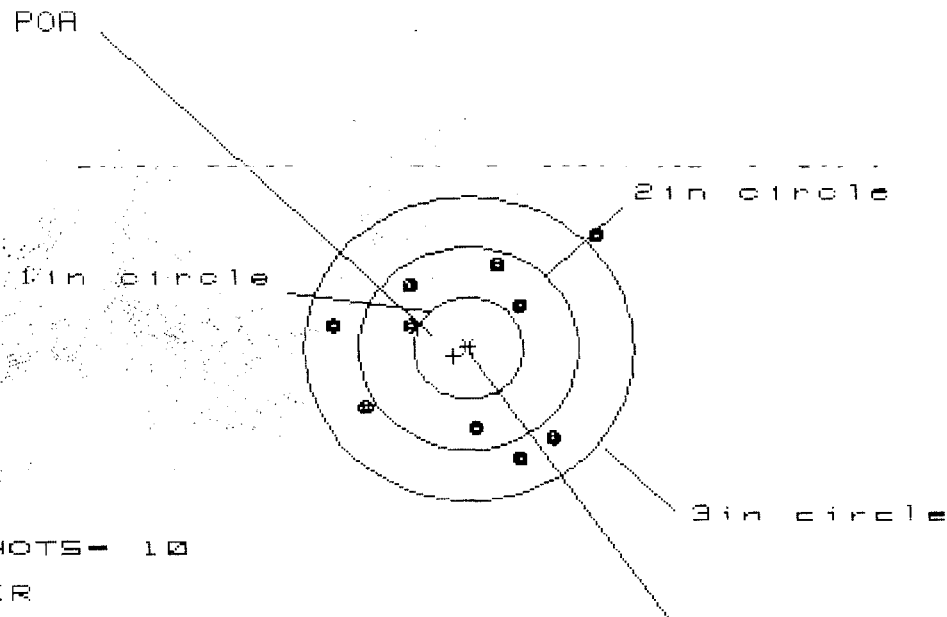
CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.687	.596	.519
MINIMUM X	:	-.862	-.674	-.751
MAXIMUM Y	:	1.345	1.252	1.390
MINIMUM Y	:	-1.297	-1.390	-1.252
CENTROID X	:	.234	.046	.123
CENTROID Y	:	.394	.487	.349
POA TO CENTROID in.	:	.458	.490	.370
MIN RADIUS	:	.123	.091	.119
MEAN RADIUS	:	.942	.911	.755
MAX RADIUS	:	1.885	1.511	1.391
HORIZONTAL SPREAD	:	2.549	1.511	1.270
VERTICAL SPREAD	:	2.642	2.642	2.642
EXTREME SPREAD	:	3.217	2.683	2.683
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

11 Mar 1988

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 0

2in = 5

3in = 9

HS = 2.380

VS = 2.160

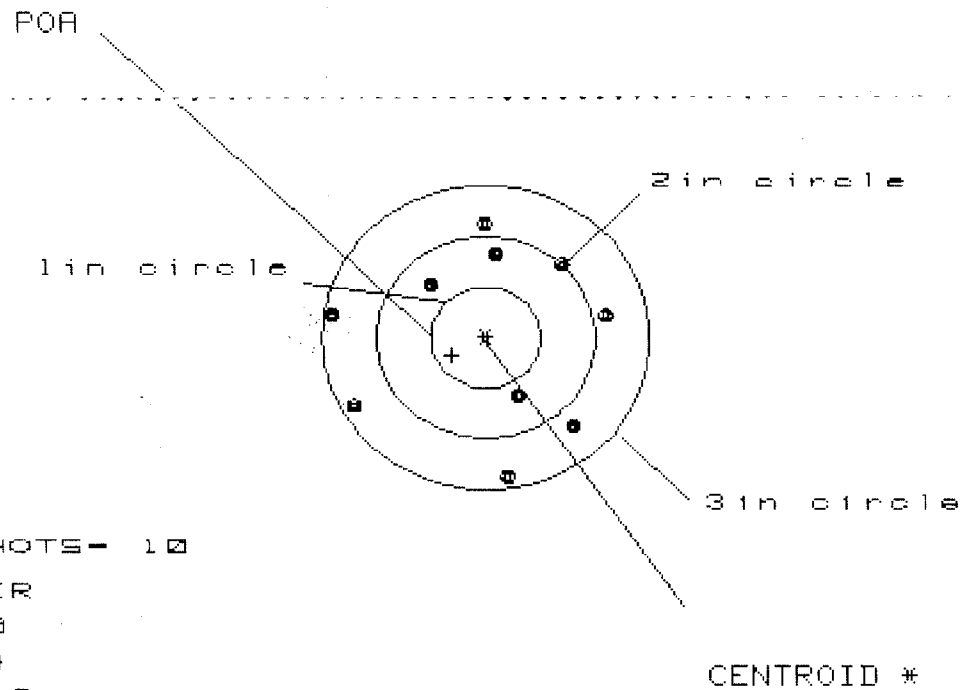
GS = 2.717

PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	1.175
MINIMUM X	-1.205
MAXIMUM Y	1.081
MINIMUM Y	-1.079
CENTROID X	.136
CENTROID Y	.078
POA TO CENTROID in.	.157
MIN RADIUS	.556
MEAN RADIUS	1.003
MAX RADIUS	1.597
HORIZONTAL SPREAD	2.380
VERTICAL SPREAD	2.160
EXTREME SPREAD	2.717
NUMBER IN ONE INCH CIRCLE =	0
NUMBER IN TWO INCH CIRCLE =	5
NUMBER IN THREE INCH CIRCLE =	9

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CENTERFIRE PATTERNS # 4



OF SHOTS - 10

IN CIR

1in - 1

2in - 4

3in - 10

HS - 2.528

VS - 2.534

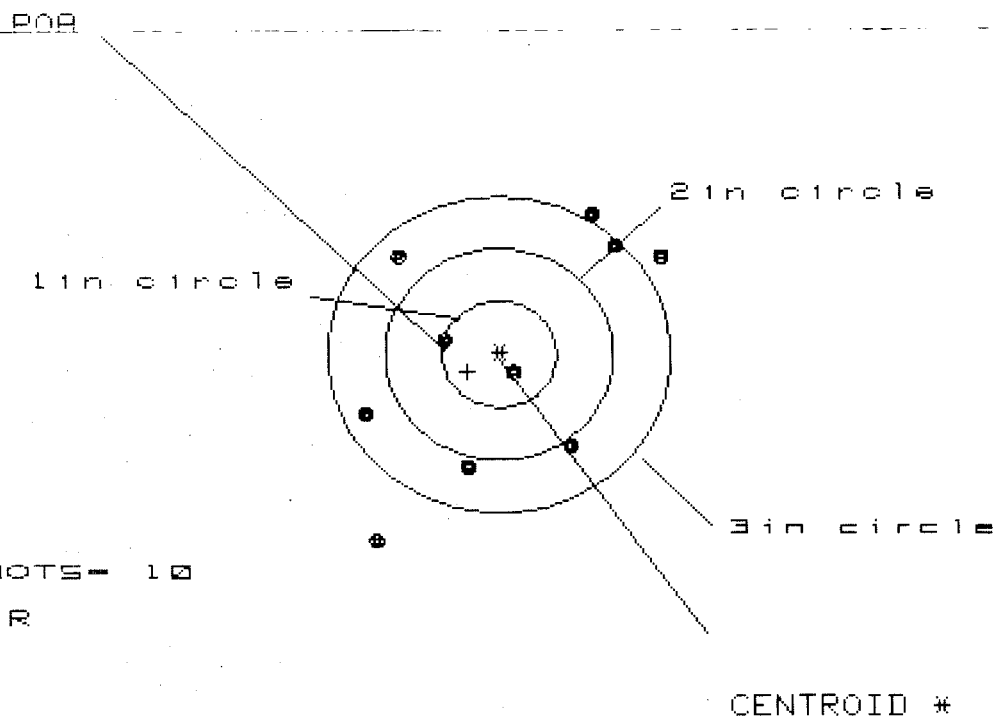
GS - 2.547

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.091	.931	.941
MINIMUM X	:	-1.437	-1.328	-1.318
MAXIMUM Y	:	1.149	1.170	.999
MINIMUM Y	:	-1.385	-1.364	-1.072
CENTROID X	:	.307	.467	.457
CENTROID Y	:	.174	.153	.324
POA TO CENTROID in.	:	.353	.491	.560
MIN RADIUS	:	.646	.577	.696
MEAN RADIUS	:	1.084	1.	.960
MAX RADIUS	:	1.449	1	.570
HORIZONTAL SPREAD	:	2.528		.59
VERTICAL SPREAD	:	2.534		.71
EXTREME SPREAD	:	2.547		.127
NUMBER IN ONE INCH CIRCLE	=			
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

11 Mar 1968

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 2

3 in = 7

RS = 2.673

VS = 3.095

GS = 3.710

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.467	1.347	1.024
MINIMUM X	-1.206	-1.326	-1.157
MAXIMUM Y	1.350	1.157	1.252
MINIMUM Y	-1.745	-1.240	-1.145
CENTROID X	.278	.398	.229
CENTROID Y	.167	.360	.265
POA TO CENTROID in.	.324	.537	.351
MIN RADIUS	.189	.291	.297
MEAN RADIUS	1.236	1.171	.877
MAX RADIUS	2.052	1.549	.520
HORIZONTAL SPREAD	2.673	2.471	2.182
VERTICAL SPREAD	3.095	2.437	2.197
EXTREME SPREAD	3.710	2.893	2.813
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =			
NUMBER IN THREE INCH CIRCLE =		7	