

C6498766

MODEL 700TM M24

Model **SMS**

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Cco 928

MAINTENANCE REQUEST				PAGE NO. 1	NO. OF PAGES 1	REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION X	
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION Dco 3/5		B. LOCATION Ft. Campbell Ky 42223			C. UNIT IDENT CODE WH0600		
2. SERIAL NO. C6498766		3. NOUN NOMENCLATURE 7.62mm Sniper Weapon M24		4. LINE NO.		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136	
7A. MAINTENANCE ACTIVITY Imo		B. LEVEL Ø		8. UTILIZATION CODE Ø		9A. MCSR ITEM		9B. ERC Ø	
						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. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☐ D Normal Op ☐ F Inspection ☒ H Other					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ Other				
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) 6.000 Rounds Fired									
B. REMARKS W524095345H246									
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 [Signature] JULIAN DATE		24. RECEIVED BY JULIAN DATE							

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

RECEIPT COPY 1

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400007336

Cco 928

MAINTENANCE REQUEST				PAGE NO. 1		NO OF PAGES 1		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 X							
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION Dco 3/5		B. LOCATION Ft. Campbell Ky 42223				C. UNIT IDENT CODE WH0600							
2. SERIAL NO. C6498766		3. NOUN NOMENCLATURE 7.62mm Sniper Weapons M24		4. LINE NO.		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136							
7A. MAINTENANCE ACTIVITY Imo		B. LEVEL 0		8. UTILIZATION CODE 0		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.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating		☐ 790 Out of Adjustment			
☐ B Handling		☐ D Normal Op		☐ F Inspection		☒ H Other		☐ 008 Noisy		☐ 387 Low Performance		☒ Other			
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). 6.00 Rnds Fired															
B. REMARKS W584095345H246															
SECTION II - WORK ACCOMPLISHED															
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT. CODE					
B. LOCATION						☐ 1 TOE ☐ 2 TD ☐ 3 Contractor									
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST					
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE											
					.					\$					
					.					\$					
					.					\$					
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					.					\$					
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					.					\$					
					.					\$					
					.					\$					
					.					\$					
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$		K. TOTAL PARTS COST \$							
21. DELAY (Select One)		☐ 1 Parts	☐ 2 Manpower	☐ 3 Facilities	☐ 4 Funds	☐ 5 Tools	22. Data Transcribed								
23. SUBMITTED BY <i>[Signature]</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)					
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged					

Final Inspection

S.N. C6498766

DATE REC'D: 12/04/95

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: _____

New Barrel
Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498766

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		12/21/95	RW
600	Proof		12/21/95	RW
607	Check Headspace		12/21/95	RW
610	Dis-assemble Gun		12/21/95	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		1/5/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/5/96	RW
	C) Inspect Ejector Hole for Chamfer		1/5/96	RW
	D) Oil Firing Pin Ass'y		1/5/96	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						1/5/96	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						1/8/96	RW
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope							
645	Inspect for Live Ammo						1/8/96	RW
655	Final Inspection							
	A) Headspace						1/10/96	RW
	B) Trigger Pull	2.73	2.81	2.65	2.75	2.80	1/10/96	RW
	C) Function						1/10/96	RW
660	Pack							

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498766
7 Jan 1980

C6498766

CENTROIDAL DISTANCES

0 TO	1	1.19718
1 TO	2	.309517
1 TO	3	.160883
1 TO	4	.827887
1 TO	5	.145248

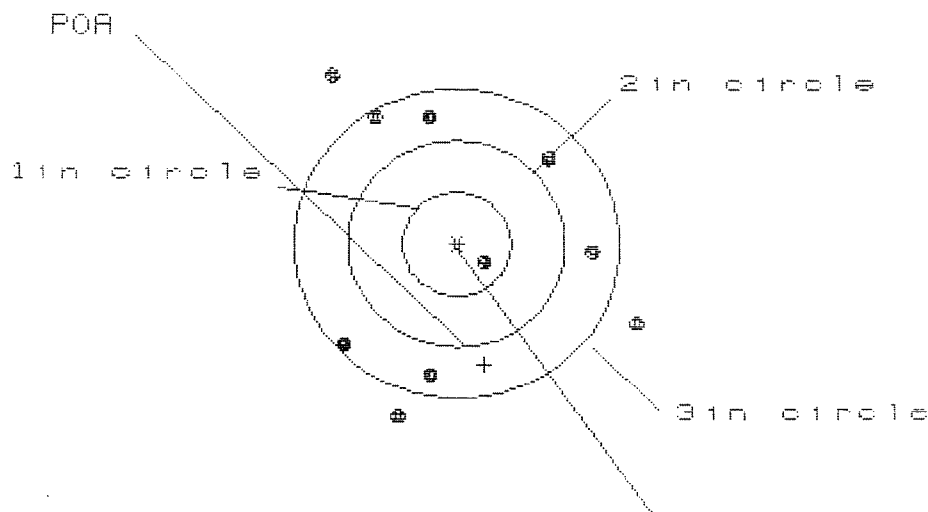
$\bar{x}$
+
+ -----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.077
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: 1.0406
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: 1.04344
THE AMR FOR THIS RIFLE IS: 1.077

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/0849B786

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 1

2in = 1

3in = 7

HS= 2.861

VS= 3.291

GS= 3.725

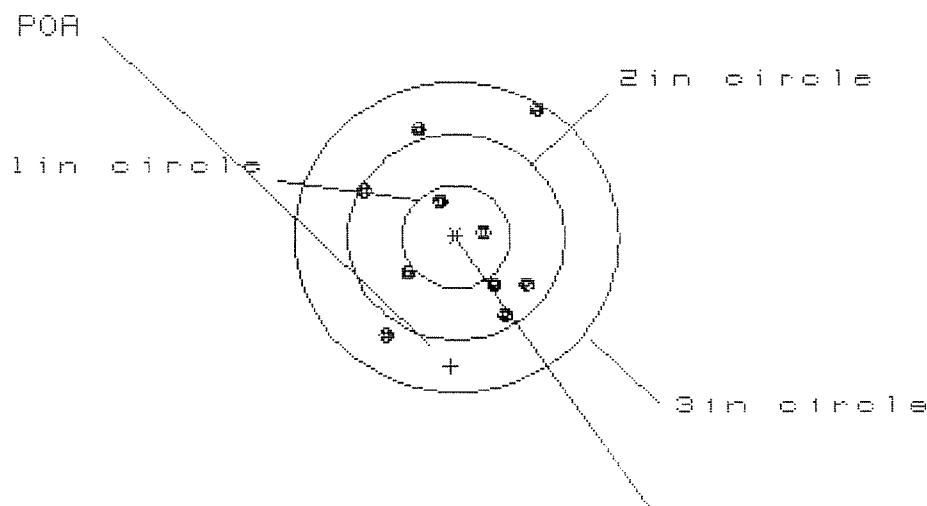
CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.682	1.551	1.289
MINIMUM X	-1.179	-1.155	-0.961
MAXIMUM Y	1.596	1.440	1.364
MINIMUM Y	-1.695	-1.518	-1.594
CENTROID X	-0.249	-0.118	-0.312
CENTROID Y	1.171	0.994	1.070
POA TO CENTROID in.	1.197	1.001	1.115
MIN RADIUS	0.329	0.163	0.359
MEAN RADIUS	1.376	1.278	1.241
MAX RADIUS	1.984	1.669	1.671
HORIZONTAL SPREAD	2.861	2.706	2.250
VERTICAL SPREAD	3.291	2.958	2.958
EXTREME SPREAD	3.725	3.177	2.978
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	1		
NUMBER IN THREE INCH CIRCLE =	7		

7 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/08498766

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 10

HS= 1.617

VS= 2.166

GS= 2.548

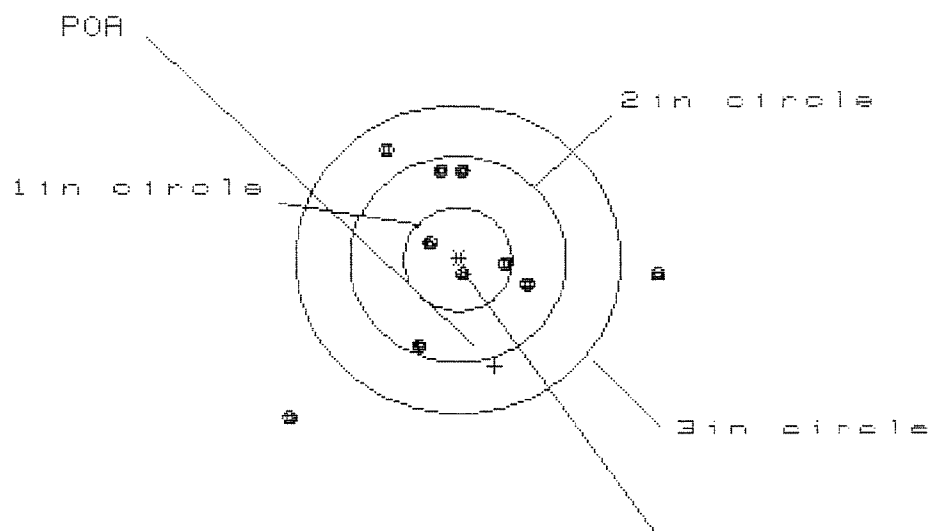
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.736	.766	.701
MINIMUM X	:	-.881	-.799	-.864
MAXIMUM Y	:	1.219	1.160	1.059
MINIMUM Y	:	-.947	-.812	-.689
CENTROID X	:	.050	-.032	.033
CENTROID Y	:	1.251	1.116	1.217
POA TO CENTROID in.	:	1.252	1.116	1.218
MIN RADIUS	:	.264	.375	.283
MEAN RADIUS	:	.805	.726	.687
MAX RADIUS	:	1.424	1.187	1.105
HORIZONTAL SPREAD	:	1.617	1.565	1.565
VERTICAL SPREAD	:	2.166	1.972	1.748
EXTREME SPREAD	:	2.548	1.991	1.899
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C849B7B6

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 2.338

VS= 2.567

GS= 3.606

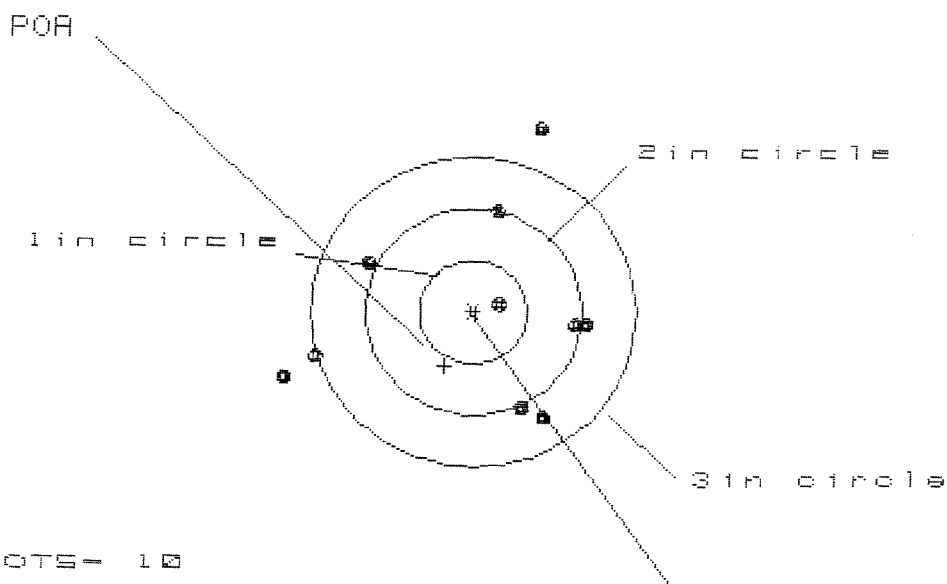
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.790	1.618	.707
MINIMUM X	:	-1.548	-.839	-.637
MAXIMUM Y	:	1.040	.871	.829
MINIMUM Y	:	-1.527	-1.043	-1.085
CENTROID X	:	-.338	-.166	-.368
CENTROID Y	:	1.037	1.206	1.248
POA TO CENTROID in.	:	1.090	1.218	1.301
MIN RADIUS	:	.126	.315	.287
MEAN RADIUS	:	.951	.808	.685
MAX RADIUS	:	2.174	1.652	1.124
HORIZONTAL SPREAD	:	3.338	2.457	1.344
VERTICAL SPREAD	:	2.567	1.914	1.914
EXTREME SPREAD	:	3.606	2.736	1.944
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			8	

7 Jan 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06498766

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 8

HS= 2.776

VS= 2.752

GS= 3.330

CENTROID #

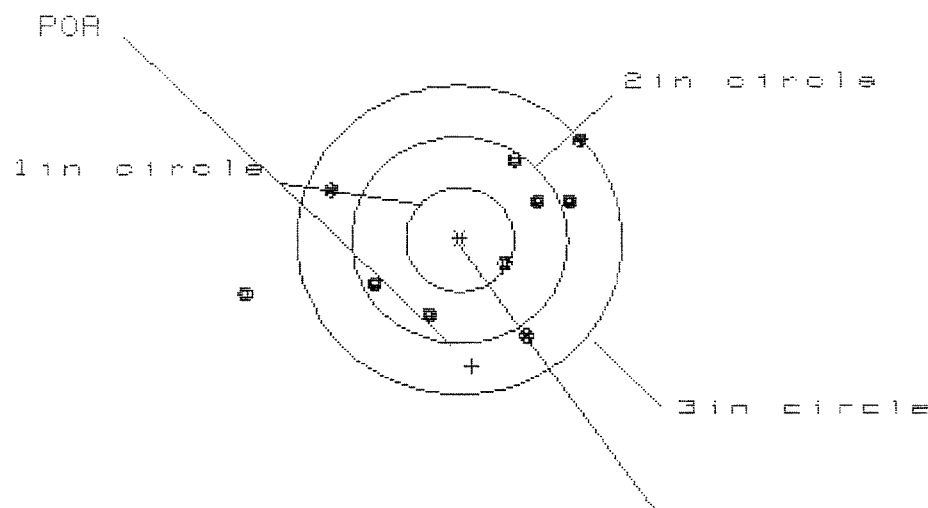
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.038	1.111	.903
MINIMUM X	:	-1.738	-1.665	-1.566
MAXIMUM Y	:	1.735	1.130	1.082
MINIMUM Y	:	-1.017	-.824	-.872
CENTROID X	:	.265	.192	.400
CENTROID Y	:	.522	.329	.377
POA TO CENTROID in.	:	.585	.381	.549
MIN RADIUS	:	.225	.390	.230
MEAN RADIUS	:	1.171	1.101	.971
MAX RADIUS	:	1.856	1.708	1.588
HORIZONTAL SPREAD	:	2.776	2.776	2.469
VERTICAL SPREAD	:	2.752	1.954	1.954
EXTREME SPREAD	:	3.330	2.814	2.487

NUMBER IN ONE INCH CIRCLE = 1
 NUMBER IN TWO INCH CIRCLE = 3
 NUMBER IN THREE INCH CIRCLE = 8

7 Jan 1900

FILE:/PATTERNING/CENTERFIRE_PATT/GS49B7B6

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 9

HS= 3.181

VS= 1.890

GS= 3.509

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.161	.937	.860
MINIMUM X	:	-2.020	-1.403	-1.286
MAXIMUM Y	:	.941	.881	.810
MINIMUM Y	:	-.949	-1.009	-.899
CENTROID X	:	-.113	.111	-.006
CENTROID Y	:	1.222	1.282	1.172
POB TO CENTROID in.	:	1.227	1.287	1.172
MIN RADIUS	:	.459	.341	.342
MEAN RADIUS	:	1.081	.924	.881
MAX RADIUS	:	2.091	1.464	1.390
HORIZONTAL SPREAD	:	3.181	2.340	2.146
VERTICAL SPREAD	:	1.890	1.890	1.709
EXTREME SPREAD	:	3.509	2.392	2.297
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

Remington®



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

MODEL 700™ M24

SERIAL NO.

C6498766

ORDER NO.

5716

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

01



5716 C6498766

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6498766

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 9	90	RW
600	Proof	5 9	90	RW
607	Check Headspace	5 9	90	RW
610	Dis-assemble Gun	5 9	90	RW
612	Magnaflux Barrel Action	5-15-90		KER
	Magnaflux Bolt	5-15-90		KER
615	Rollmark Caliber	5-15-90		CS
617	Drill and Tap Sight Holes		5/17/90	FB
618	Polish Barrel RB		5/17/90	WB
620	Apply Coatings (Barrel Action)		5-25-90	TD
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		5/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/25/90	RW
	C) Inspect Ejector Hole for Chamfer		5/25/90	RW
	D) Oil Firing Pin Ass'y		5/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/31/90	gc

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	3 ³ / ₄	3 ³ / ₄	3 ³ / ₄			5/31/90	WB
	G) Safety Off Force	2 ¹ / ₂	2 ¹ / ₂	2 ¹ / ₂			5/31/90	WB
	H) Trigger Pull Test & Retainability						5/31/90	HL
	I) Firing Pin Indent	.0235	.024	.024			5/31/90	WB
	J) Assemble Stock						6/17/90	RW
	K) Assemble Swivel Studs						6/15/90	HL
	L) Attach Front and Rear Sight Assemblies						6/7/90	RW
	M) Iron Sight Alignment						6/7/90	RW
	N) Detach Front & Rear Sights & place in numbered container						6/7/90	RW
	O) Attach Scope to Rifle						6/8/90	HL
	P) Detach & Attach Scope 20 Times						6/8/90	HL
640	Gallery Target & Test						6-9-90	DL
	A) Time						6-9-90	DL
	B) Malfunctions						6-9-90	DL
	C) Pierced Primers						6-9-90	DL
	D) Optical Clarity of Scope						6-9-90	DL
645	Inspect for Live Ammo						6-9-90	DL
655	Final Inspection							
	A) Headspace						6/15/90	HL
	B) Trigger Pull	267	267	266	269	267	6-14-90	HL
	C) Function						6/15/90	HL
660	Pack						6-20-90	DL

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 06498766

DATE 5/30/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.24	2.30	2.13	MIN. SETTING,
PULL #2	2.24	2.19	2.41	2.09	NO AVG. OF 5
PULL #3	2.18	2.30	2.26	2.13	READINGS ACCEPT-
PULL #4	2.22	2.25	2.30	2.03	ABLE LESS THAN 2#
PULL #5	2.13	2.27	2.34	2.67	
TOTAL	11.10	11.25	11.61		
AVG.	2.22	2.25	2.322		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.37	3.42		
PULL #2	3.38	3.43		
PULL #3	3.48	3.40		
PULL #4	3.50	3.49		
PULL #5	3.49	3.50		
TOTAL	17.36	17.24		
AVG.	3.472	3.448		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.33		4.15
PULL #2	4.39	4.38		4.14
PULL #3	4.32	4.19		4.45
PULL #4	4.25	4.20		4.17
PULL #5	4.19	4.16		4.36
TOTAL	21.54	21.26		21.27
AVG.	4.308	4.252		4.254

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6498766
11 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.774032
1 TO	2	.254484
1 TO	3	.281114
1 TO	4	.544464
1 TO	5	.44071

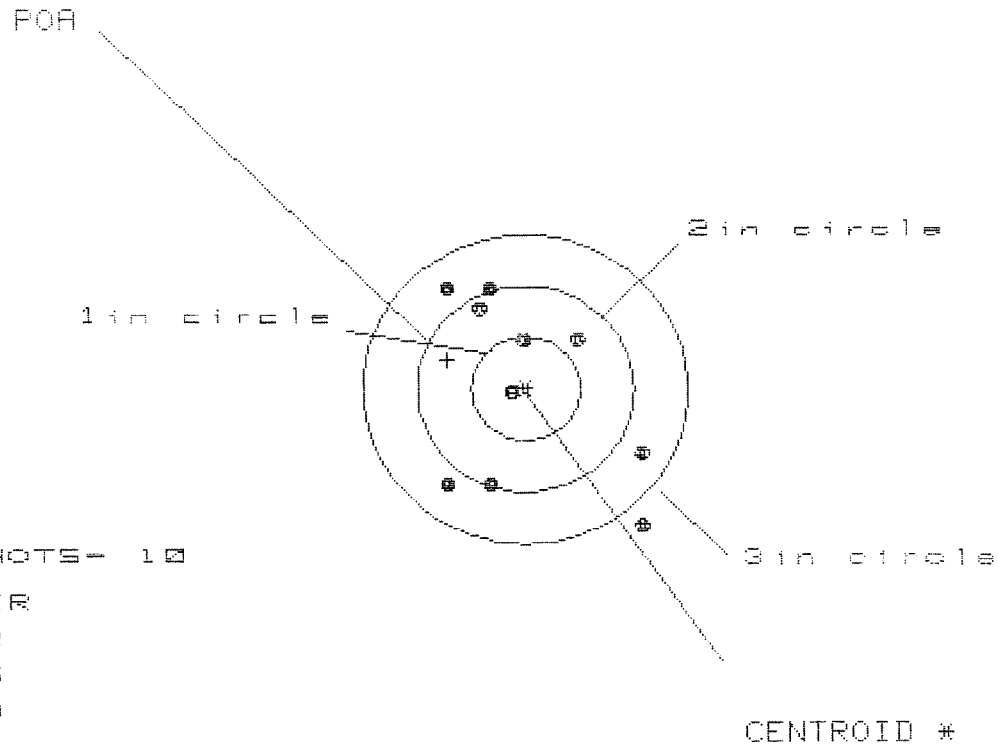
+4.5 $\frac{1}{5}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6962
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1946
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .722886
THE AMR FOR THIS RIFLE IS: .8942

5 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06438786

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.806

VS= 2.306

CS= 2.802

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.084	1.173	1.101
MINIMUM X	:	-.722	-.602	-.674
MAXIMUM Y	:	1.006	.861	.967
MINIMUM Y	:	-1.300	-1.077	-.971
CENTROID X	:	.722	.602	.674
CENTROID Y	:	-.279	-.134	-.240
POA TO CENTROID in.	:	.774	.617	.715
MIN RADIUS	:	.142	.202	.126
MEAN RADIUS	:	.955	.844	.823
MAX RADIUS	:	1.693	1.385	1.269
HORIZONTAL SPREAD	:	1.806	1.775	1.775
VERTICAL SPREAD	:	2.306	1.938	1.938
EXTREME SPREAD	:	2.902	2.360	2.130
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 1.706

VS= 2.844

GS= 3.163

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.010	.551	.478
MINIMUM X	:	-.696	-.584	-.648
MAXIMUM Y	:	1.278	1.104	.901
MINIMUM Y	:	-1.566	-1.620	-1.165
CENTROID X	:	.951	.839	.912
CENTROID Y	:	-.390	-.216	-.013
POA TO CENTROID in.	:	1.028	.866	.912
MIN RADIUS	:	.334	.330	.344
MEAN RADIUS	:	.983	.865	.740
MAX RADIUS	:	1.864	1.722	1.250
HORIZONTAL SPREAD	:	1.706	1.135	1.126
VERTICAL SPREAD	:	2.844	2.724	2.066
EXTREME SPREAD	:	3.163	2.790	2.211
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

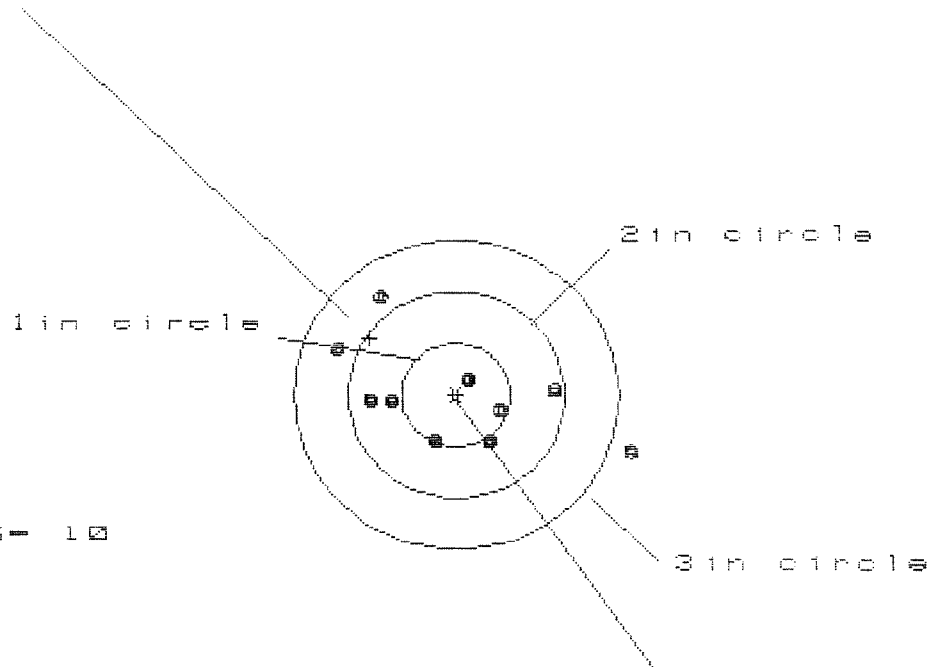
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CENTERFIRE PATTERNS

3

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

HS= 2.756

VS= 1.461

GS= 2.934

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.636	1.048	.931
MINIMUM X	:	-1.120	-.939	-.763
MAXIMUM Y	:	.952	.896	.951
MINIMUM Y	:	-.509	-.516	-.461
CENTROID X	:	.793	.612	.729
CENTROID Y	:	-.551	-.495	-.550
POA TO CENTROID in.	:	.966	.787	.913
MIN RADIUS	:	.158	.299	.208
MEAN RADIUS	:	.792	.694	.628
MAX RADIUS	:	1.713	1.048	1.125
HORIZONTAL SPREAD	:	2.756	1.987	1.694
VERTICAL SPREAD	:	1.461	1.412	1.412
EXTREME SPREAD	:	2.934	2.032	1.767
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

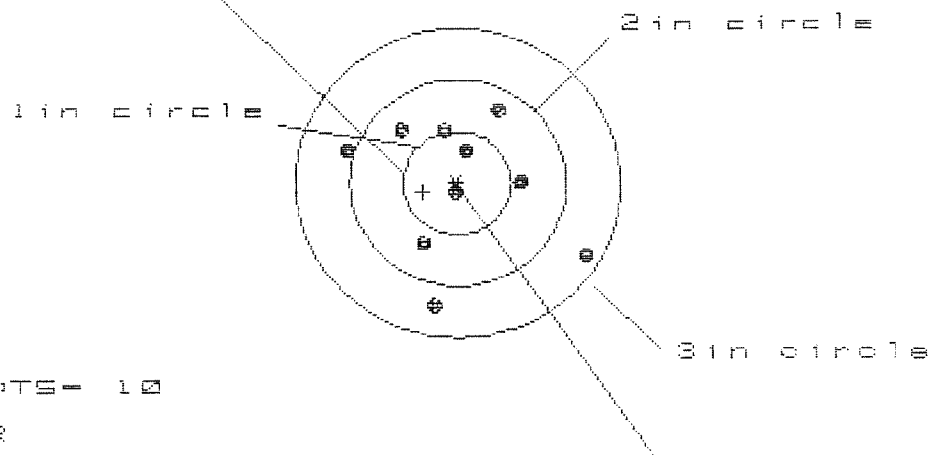
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CENTERFIRE PATTERNS

4

FOR



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.194

VS= 1.886

GS= 2.403

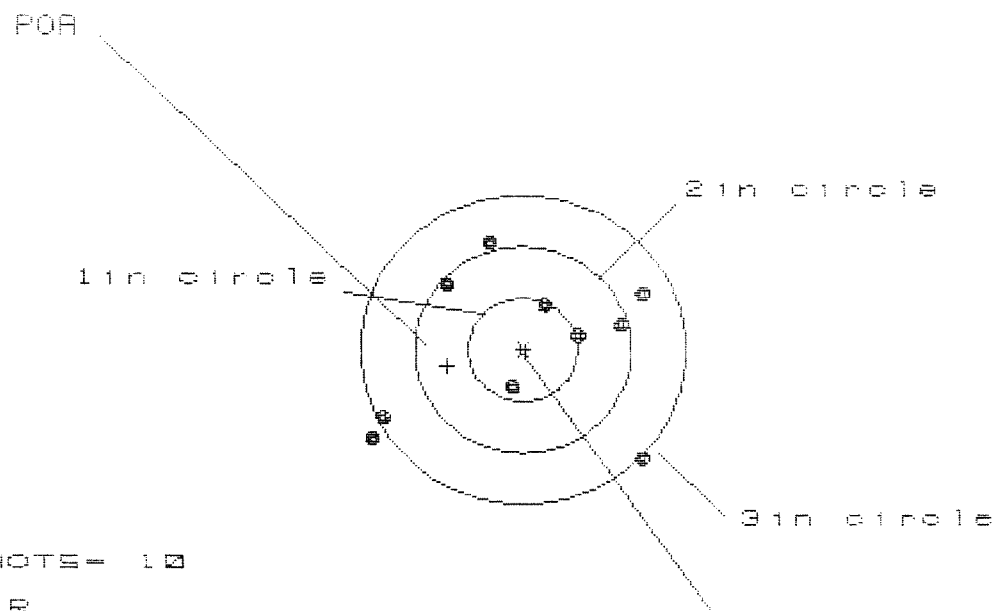
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.182	.675	.668
MINIMUM X	:	-1.012	-.881	-.887
MAXIMUM Y	:	.698	.622	.464
MINIMUM Y	:	-1.188	-1.264	-.788
CENTROID X	:	.318	.187	.194
CENTROID Y	:	.086	.162	.320
FOR TO CENTROID in.	:	.330	.247	.374
MIN RADIUS	:	.052	.200	.189
MEAN RADIUS	:	.726	.650	.543
MAX RADIUS	:	1.364	1.265	.890
HORIZONTAL SPREAD	:	2.194	1.556	1.556
VERTICAL SPREAD	:	1.886	1.886	1.252
EXTREME SPREAD	:	2.403	1.960	1.576
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

1st = 2.590

2nd = 2.070

3rd = 2.932

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.152	.992	1.104
MINIMUM X	:	-1.438	-1.428	-1.316
MAXIMUM Y	:	.995	.897	.750
MINIMUM Y	:	-1.075	-1.173	-1.872
CENTROID X	:	.697	.857	.745
CENTROID Y	:	.161	.259	.406
POA TO CENTROID in.	:	.716	.896	.849
MIN RADIUS	:	.394	.326	.290
MEAN RADIUS	:	1.015	.902	.819
MAX RADIUS	:	1.688	1.602	1.579
HORIZONTAL SPREAD	:	2.590	2.420	2.420
VERTICAL SPREAD	:	2.070	2.070	1.622
EXTREME SPREAD	:	2.932	2.666	2.666
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			8	