

C6225255

MODEL 700™ M24

Model 700 M24™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6775755

OP. #	OP. NAME	READINGS	DATE	INIT
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 and Tap Sight Holes			
618	Polish Barrel RB		8/24/89	WB
620	Apply Coatings (Barrel Action)		8/25/89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		9/6/89	J.U.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability						7/28/89	J.O.
	I) Firing Pin Indent							
	J) Assemble Stock						7/21/89	RW
	K) Assemble Swivel Studs						8/1/89	WB
	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						8/2/89	JS
	A) Headspace							
	B) Trigger Pull	2.10	2.38	2.38	2.44	2.43	8/22/89	JS
	C) Function						8/2/89	JS
660	Pack						8/2/89	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C6225255

DATE 28 July 89

TESTER J. A.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.17		2.41	2.10	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.09		2.46	2.38	
PULL #3	2.31		2.40	2.38	
PULL #4	2.34		2.51	2.44	
PULL #5	2.33		2.52	2.43	
TOTAL	11.24		12.30	11.43	
AVG.	2.248		2.46	2.346	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1				
PULL #2				
PULL #3				
PULL #4				
PULL #5				
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31			
PULL #2	4.06			
PULL #3	4.13			
PULL #4	4.12			
PULL #5	4.23			
TOTAL	20.85			
AVG.	4.17			

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # *C6225253*

OPERATION		DATE	INT
#	NAME		
575- 580	ASSEMBLY	<i>1/22</i>	<i>FB</i>
600	PROOF	<i>1/28/88</i>	<i>RUC</i>
615	MAGNAFLUX BARREL	<i>2/18/88</i>	<i>Pfe.</i>
	MAGNAFLUX BOLT	<i>5/13/88</i>	<i>Pfe.</i>
620	COATING	<i>8/11/88</i>	<i>JA</i>
625- 630	FINAL ASSEMBLY		
635	TEST		
640	TARGET		
	FIRING PIN INDENT		
660	PACK		

SCOPE #
1116

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225255

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	QUALITY AUDIT		
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		8/30/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/30/88	RW
	C) Inspect Ejector Hole for Chamfer		8/30/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625 cont.	D) Oil Firing Pin Ass'y		8/30/88	RW
	E) Adjust Trigger Pull to Min. Setting and Stake		30aug88	J.A. H.S.
	F) Safety on Force	5 3.5 5.5	30aug88	J.A. H.S.
	G) Safety off Force	4 3.5 3	30aug88	J.A. H.S.
	H) Trigger Pull Test & Retainabilty		30aug88	J.A. H.S.
	I) Firing Pin Indent	.0225 .023 .0225	30aug88	J.A. H.S.
	J) Assemble Stock		9/26/88	RW
	K) Assemble Swivel Studs		10-6-88	J.S.
	L) Attach Front & Rear Sight Assemblies		9/26/88	RW
	M) Iron Sight Alignment		9/26/88	RW
	N) Detach Front & Rear Sights & place in numbered container		9/26/88	RW
	O) Attach Scope to Rifle	ok	10/1/88	J.S.
	P) Detach & Attach Scope 20 times	ok	10/1/88	J.U.
640	Gallery Target & Test	492 106 L	10/4/88	W.B.
	A) Optical Clarity of Scope		10/4/88	W.B.
645	Inspect for Live Ammo		10/4/88	W.B.
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		10-21-88	J.S.

00299

5091

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C 6225255

DATE 30 Aug 88

TESTER J. d. + 88.8

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.63	2.67	2.82	2.13	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.54	2.39	2.01	
PULL #3	2.64	2.39	2.61	2.00	
PULL #4	2.75	2.53	2.51	2.04	
PULL #5	2.72	2.65	2.38	2.01	
TOTAL	13.19	12.78	12.71	10.19	
AVG.	2.638	2.556	2.542	2.03	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.10		
PULL #2	3.18	3.16		
PULL #3	3.01	2.85		
PULL #4	2.86	3.23		
PULL #5	3.08	2.86		
TOTAL	15.30	15.20		
AVG.	3.06	3.04		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.56		3.97
PULL #2	4.22	4.70		3.93
PULL #3	4.30	4.60		4.11
PULL #4	4.52	4.74		4.07
PULL #5	4.43	4.70		4.27
TOTAL	21.73	23.30		20.35
AVG.	4.346	4.66		4.07

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225255

CENTROIDAL DISTANCES

0 TO 1 .733128
1 TO 2 1.10305
1 TO 3 .288111
1 TO 4 .219986
1 TO 5 .874817

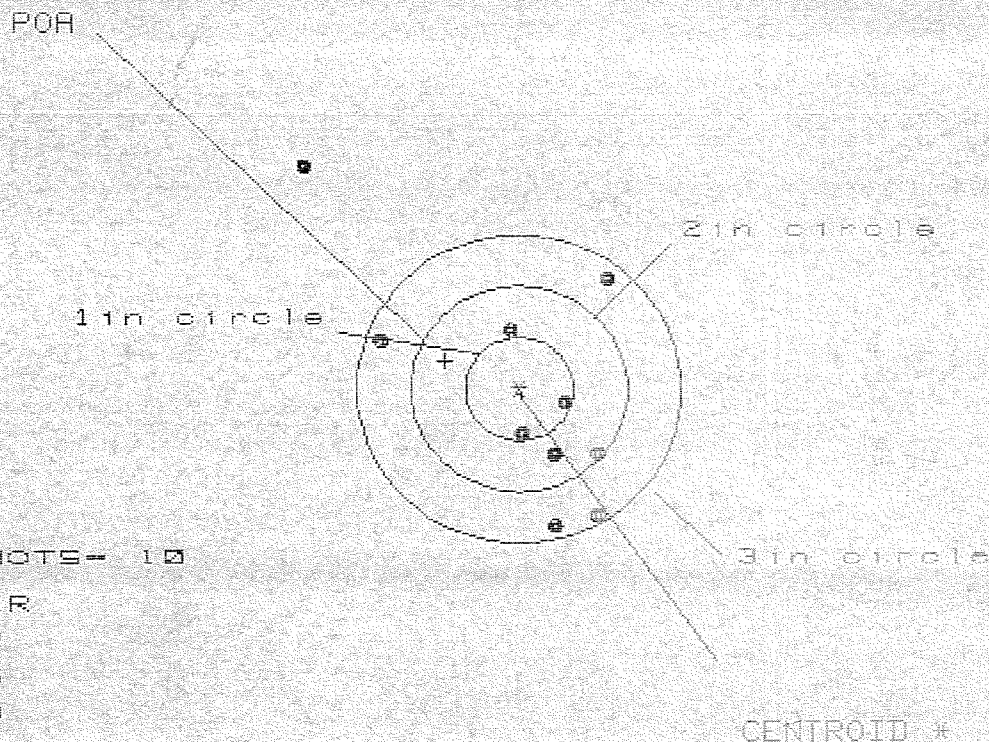
$\bar{x} = \frac{1}{n} \sum_{i=1}^n x_i$ ----- POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3908
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0228
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .391465
THE AMR FOR THIS RIFLE IS: 1.139

4 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225255.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.785

VS= 3.482

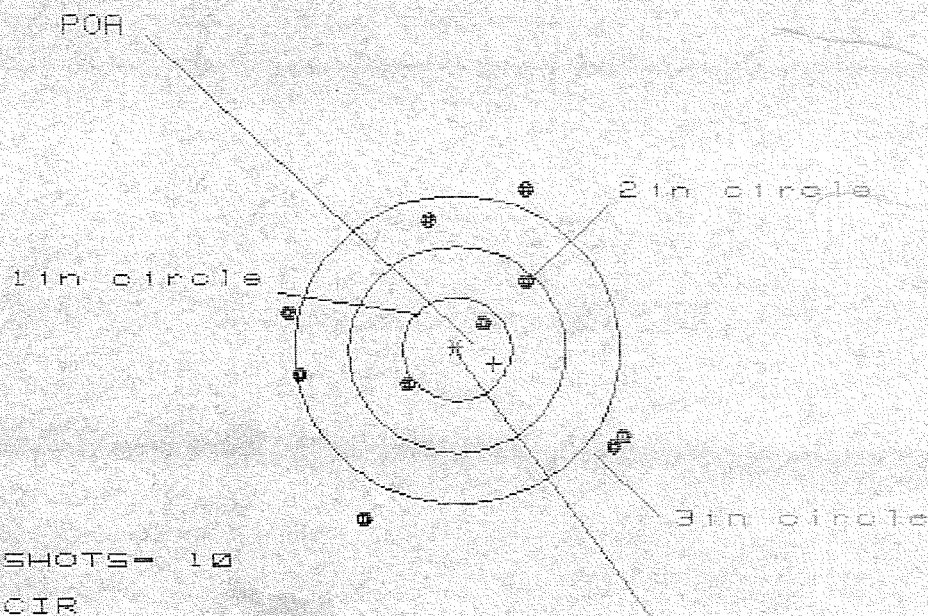
GS= 4.311

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.784	.561	.620
MINIMUM X	:	-2.001	-1.464	-1.405
MAXIMUM Y	:	2.154	1.319	1.197
MINIMUM Y	:	-1.328	-1.089	-1.211
CENTROID X	:	.680	.903	.844
CENTROID Y	:	-.274	-.513	-.391
POA TO CENTROID in.	:	.733	1.038	.930
MIN RADIUS	:	.425	.254	.286
MEAN RADIUS	:	1.150	.854	.844
MAX RADIUS	:	2.940	1.644	1.539
HORIZONTAL SPREAD	:	2.785	2.025	2.025
VERTICAL SPREAD	:	3.482	2.408	2.408
EXTREME SPREAD	:	4.311	2.589	2.454
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

4 Oct 1988

FILE: PATTERNING/CENTERFIRE_PATT/C6225255.1

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 3

3 in = 5

HS= 3.071

VS= 3.200

GS= 3.537

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.546	1.453	1.515
MINIMUM X	:	-1.526	-1.619	-1.436
MAXIMUM Y	:	1.538	1.353	1.223
MINIMUM Y	:	-1.662	-1.157	-1.287
CENTROID X	:	-.342	-.249	-.431
CENTROID Y	:	.141	.326	.456
POA TO CENTROID in.	:	.370	.410	.627
MIN RADIUS	:	.362	.176	.344
MEAN RADIUS	:	1.320	1.228	1.150
MAX RADIUS	:	1.859	1.787	1.987
HORIZONTAL SPREAD	:	3.071	3.071	2.951
VERTICAL SPREAD	:	3.200	2.510	2.510
EXTREME SPREAD	:	3.537	3.295	3.229
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	

4 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225255.1

CENTERFIRE PATTERNS # 3

POA

1in circle

2in circle

3in circle

CENTROID #

OF SHOTS- 10

IN CIR

1in = 2

2in = 2

3in = 8

HS= 2.697

VS= 3.623

GS= 3.674

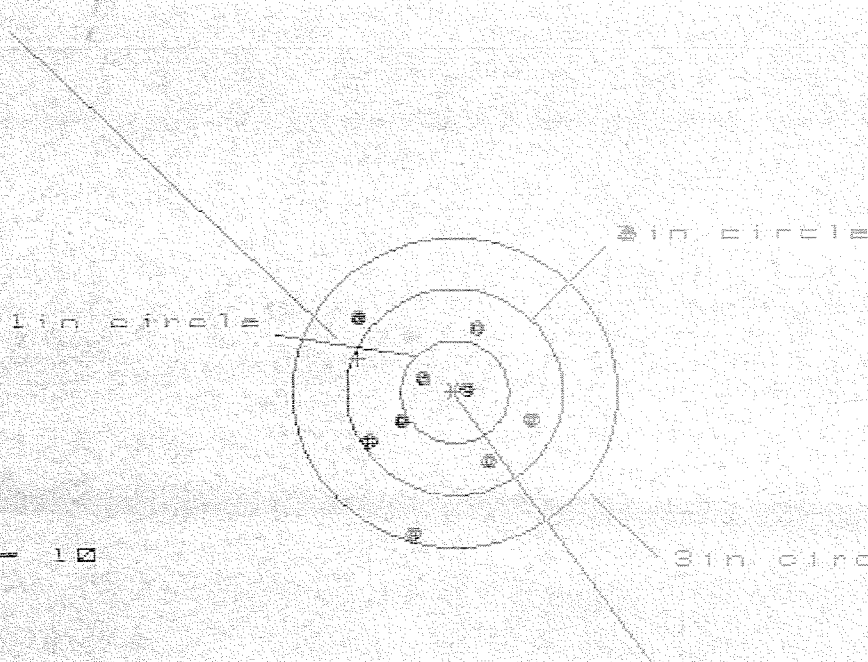
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.286	1.192	1.151
MINIMUM X	:	-1.411	-1.505	-1.546
MAXIMUM Y	:	1.581	1.355	1.269
MINIMUM Y	:	-2.042	-1.413	-1.244
CENTROID X	:	.672	.766	.807
CENTROID Y	:	.014	.240	.071
POA TO CENTROID in.	:	.673	.803	.810
MIN RADIUS	:	.190	.206	.053
MEAN RADIUS	:	1.236	1.120	1.054
MAX RADIUS	:	2.209	1.541	1.549
HORIZONTAL SPREAD	:	2.697	2.697	2.697
VERTICAL SPREAD	:	3.623	2.768	2.513
EXTREME SPREAD	:	3.674	2.903	2.791
NUMBER IN ONE INCH CIRCLE =	:	2		

4 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225255.J

CENTERFIRE PATTERNS # 4

POA



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 3.462

VS = 2.892

GS = 3.494

CENTROID *

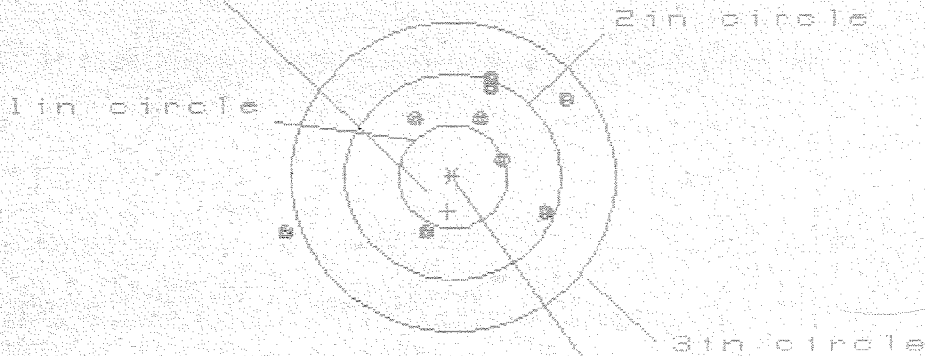
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.574	.896	.870
MINIMUM X	:	-.888	-.713	-.740
MAXIMUM Y	:	1.521	.880	.730
MINIMUM Y	:	-1.371	-1.202	-.611
CENTROID X	:	.893	.718	.745
CENTROID Y	:	-.329	-.498	-.348
POA TO CENTROID in.	:	.952	.874	.822
MIN RADIUS	:	.085	.298	.210
MEAN RADIUS	:	.884	.719	.643
MAX RADIUS	:	2.189	1.221	1.089
HORIZONTAL SPREAD	:	2.462	1.609	1.609
VERTICAL SPREAD	:	2.892	2.082	1.341
EXTREME SPREAD	:	3.494	2.141	1.864
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Oct 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225255.J

CENTERFIRE PATTERNS # 5

POA



* OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 2.505

VS= 3.465

GS= 4.009

CENTROID *

PATTERN #	1	5	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.077	.941	.732
MINIMUM X	-1.528	-1.664	-1.738
MAXIMUM Y	.961	.683	.580
MINIMUM Y	-2.504	-1.830	-1.916
CENTROID X	.051	.187	.395
CENTROID Y	.334	.612	.715
POA TO CENTROID in.	.337	.640	.818
MIN RADIUS	.476	.337	.215
MEAN RADIUS	1.104	.822	.635
MAX RADIUS	2.791	1.860	1.106
HORIZONTAL SPREAD	2.605	2.605	1.470
VERTICAL SPREAD	3.465	1.513	1.496
EXTREME SPREAD	4.009	2.922	1.880
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	6	
NUMBER IN THREE INCH CIRCLE	=	8	

RECEIVING AND ESTIMATING REPORT

COMMENTS

SNIPER M-24 W/10X LEUPOLD SCOPE

INITIAL JJM	CUSTOMER ORDER NO.						ORDER 90-22042	
DATE RECEIVED 08/08/90	DATE OPENED 08/16/90	DATE CODE	SERIAL NUMBER C6225255	MODEL AND GRADE 9999 7.65 NATO		R		
ACCESSORIES SLING STRAP W/STUDS			W/SWIVELS			HARD CASE		

FROM:

MAINTANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING GA 31905-5173

SHIP TO:

MAINTANCE DIVISION USAIC
ATTN ATZB-DL-MA-Q
BLDG 226
FORT BENNING GA
31905-5173

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
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REPAIR CHARGE	TAX	INSURANCE	UPS	PARCEL POST	TOTAL
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GUN CONDITION:

☐ NEW

☐ SLIGHTLY WORN

☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

MAIN FAULT

PARTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

RD6925 REV. 6/88

WITH GUN

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400011628

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 03		PD AUTHENTICATION <i>Swindman</i>			
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>Weapons Pool Br</i> <i>Maint Div, DOL</i>		B. LOCATION <i>Bldg 9106</i> <i>Ft. Benning Ga 31905</i>				C. UNIT IDENT CODE <i>W04255</i>			
2. SERIAL NO. <i>C6225255</i>		3. NOUN NOMENCLATURE <i>Rifle Sniper</i>		4. LINE NO. <i>R95387</i>		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>			
7A. MAINTENANCE ACTIVITY		B. LEVEL <i>H</i>		8. UTILIZATION CODE <i>Q</i>		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM	
14. FAILURE DETECTED DURING (Select one - use ☒ or X) ☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other						15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X) ☐ 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). <i>Paint Peeling off Barrel, Stock Fibers wearing through</i>											
B. REMARKS <i>Reconditioning Not Done - Rifle Checked & Repaired for Function Only - Remington Arms Co</i> <i>S. J. Hall</i>											
SECTION II - WORK ACCOMPLISHED											
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X) ☐ 1 TOE ☐ 2 TD ☐ 3 Contractor				19. AMS ACCT. CODE	
B. LOCATION											
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							
					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>Swindman</i>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One) ☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE			

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 92-13320

M-24 SNIPER W/LEUPOLD 10X ULTRA SCOPE

INITIAL
JJM

DATE RECEIVED 06/17/92	DATE OPENED 06/17/92	DATE CODE KI 5-88	SERIAL NUMBER C6225255	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SCOPE MNTS		SCOPE BASE		HARD CASE	

FROM:

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING GA 31905

SHIP TO:

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING GA 31905

CUST NO: 059697 CJO.DL

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

CLEAN/TEST

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REGISTERED MAIL

R 512 380 905

64 lbs 01.00 g
USPS 7-31-92

Base 42.70
5.50
848.20

TOTAL CHARGES \$ 48.200

REPAIR CHARGE

EXCISE

TAX

INSURANCE

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

REPLACE BARREL
REPAIR Scope Wind/Elev Sn 87-1116
REPLACE Iron Sight
REFINISH T GUARD
" BBL/Rea
REPAIR STOCK

PARTS

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

WITH GUN

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400011630

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				1	1				
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD 03		PD AUTHENTICATION <i>[Signature]</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>consolidated Equip Pool</i>		B. LOCATION <i>Ft. Benning, Ga 31905</i>		C. UNIT IDENT CODE <i>W001255</i>			
2. SERIAL NO. <i>C6225255</i>		3. NOUN NOMENCLATURE <i>Rifle Sniper</i>		4. LINE NO.		5. MODEL <i>M24</i>		6. NATIONAL STOCK NUMBER <i>1005-01-240-2136</i>	
7A. MAINTENANCE ACTIVITY <i>Remington</i>		B. LEVEL <i>H</i>		8. UTILIZATION CODE <i>Q</i>		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 ☐ 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). <i>SEE ATTACHED DA FORM 2404</i>									
B. REMARKS									
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					
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					.				\$
					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	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
28. DISPOSITION (Select One) ☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged									

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

NMP COPY 2

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400011631

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 92-13320

INITIAL CUSTOMER ORDER NO.

M-24 SNIPER W/LEUPOLD 10X ULTRA SCOPE

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

06/17/92

06/17/92

KI 5-88

C6225255

700 7.62

NATO

ACCESSORIES

SCOPE MNTS

SCOPE BASE

HARD CASE

FROM:

SHIP TO:

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING GA 31905

CONSOLIDATED EQUIP POOL
ATTN TERRY MAJORS
FT BENNING GA 31905

CUST NO: 059697 CLO.DL

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE

CLEAN/TEST

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

TRIGGER GROUP

BOLT ASSY.

BARREL ASSY.

REC. ASSY.

WOOD

METAL

MAIN FAULT

REPLACE BARREL
REPAIR Scope Wind/Elev Sn 87-1116
REPLACE Iron Sight
REFINISH T. GUARD
" BBL/Rea
REPAIR STOCK

PARTS

COMMENTS

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400011632

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 03		PD AUTHENTICATION <i>[Signature]</i>															
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION consolidated Equip Pool		B. LOCATION Ft. Benning, Ga 31905		C. UNIT IDENT CODE WOU1255																	
2. SERIAL NO. C6225255		3. NOUN NOMENCLATURE Rifle Sniper		4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136															
7A. MAINTENANCE ACTIVITY Remington		B. LEVEL H		8. UTILIZATION CODE Q		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) <table style="width:100%;"> <tr> <td>☐ A Sch. Main.</td> <td>☐ C Test</td> <td>☐ E Storage</td> <td>☐ G Flight</td> </tr> <tr> <td>☐ B Handling</td> <td>☒ D Normal Op</td> <td>☐ F Inspection</td> <td>☐ H Other</td> </tr> </table>					☐ A Sch. Main.	☐ C Test	☐ E Storage	☐ G Flight	☐ B Handling	☒ D Normal Op	☐ F Inspection	☐ H Other	15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X) <table style="width:100%;"> <tr> <td>☐ 068 Inoperative</td> <td>☐ 258 Overheating</td> <td>☐ 790 Out of Adjustment</td> </tr> <tr> <td>☐ 008 Noisy</td> <td>☒ 387 Low Performance</td> <td>☐ Other</td> </tr> </table>					☐ 068 Inoperative	☐ 258 Overheating	☐ 790 Out of Adjustment	☐ 008 Noisy	☒ 387 Low Performance	☐ Other
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17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)		19. AMS ACCT. CODE															
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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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									\$														
									\$														
					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																		
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JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE															
28. DISPOSITION (Select One)																							
☐ A To User					☐ D Evacuated																		
☐ B To Stock					☐ E Cannibalization																		
☐ C Salvaged																							

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

CONTROL COPY 3

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400011633

#5

1. ORGANIZATION		2. NOMENCLATURE AND MODEL			
D Co 2/29th Inf Regt (Sniper School)		762 mm M-24 Sniper Weapon System			
3. REGISTRATION/SERIAL/NSN		4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS
C6225 253				10,010	26 May '92
6. TYPE INSPECTION					
After Ops					
7. APPLICABLE REFERENCE					
TM NUMBER	TM DATE	TM NUMBER	TM DATE		
9-1005-306-10u/ch 1	June '79				
COLUMN a -- Enter TM item number.		COLUMN d -- Show corrective action for deficiency or shortcoming listed in Column c.			
COLUMN b -- Enter the applicable condition status symbol.		COLUMN e -- Individual ascertaining completed corrective action initial in this column.			
COLUMN c -- Enter deficiencies and shortcomings.					
STATUS SYMBOLS "X"—Indicates a deficiency in the equipment that places it in an inoperable status. CIRCLED "X"—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished. HORIZONTAL DASH ("—")—Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished. DIAGONAL ("/")—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable. LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL—Indicates that a completely satisfactory condition exists. FOR AIRCRAFT—Status symbols will be recorded in red.					
ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.					
8a. SIGNATURE (Person(s) performing inspection)		8b. TIME		8c. SIGNATURE (Maintenance Supervisor)	
SSG Pullitz					
Remetta Pullitz					
8d. TIME		8e. SIGNATURE (Inspector)		8f. TIME	
TM ITEM NO.	STATUS	DEFICIENCIES AND SHORTCOMINGS	CORRECTIVE ACTION	INITIAL WHEN CORRECTED	
a	b	c	d	e	
1	/	Sling @ leather adjustment straps			
1	X	Windage adjustment knob in-op on iron sights.			
8	X	Weapon loses zero while firing with the scope			

Replaces edition of 1 Jan 64, which will be used

L & S, Inc.
600 N.W. Meadow Drive
Beaverton, Oregon 97006-5934
Area Code 503-646-9171

L & S, Inc.
600 N.W. Meadow Drive
Beaverton, Oregon 97006-5934
Area Code 503-646-9171

SERVICE ORDER

NO. 155131

NO. 155131

CUSTOMER

DATE 6-26-92

SHIP TO same

REMINGTON ARMS
Hoefler Avenue
PO Box 179
Ilion, NY 13357

2 scopes

4M29282

DATE SHIPPED

☐ UPS
☐ PP INS
☐ APP INS

FREIGHT CHARGES

SHIPPING TERMS

CUSTOMER P.O. NO.

F.O.B. DESTINATION

DESCRIPTION **ULTRA 10x-M3A w/2 mount rings & 2 lens caps**

QUANTITY **1** SERIAL NUMBER **87 1116 (Mil dot)**

CHARGEABLE SERVICE

- ☐ REPLACE PARTS
 ☐ MAIN TUBE
 ☐ OTHER
- ☐ REPLACE OPTICAL LENSES
 ☐ EYEPIECE
 ☐ OBJECTIVE
 ☐ OTHER
- ☐ INSTALL NEW RETICLE
 ☐ DUPLEX
 ☐ CROSSHAIRS
 ☐ CPC
 ☐ POST & DUPLEX
 ☐ DOT
 ☐ OTHER

WARRANTY SERVICE NO CHARGE

- ☐ LOOSE PARTS ☒ POINT OF IMPACT CHANGES
- ☐ INTERNAL FOGGING ☐ INTERNAL PARTICLES IN FIELD
- ☐ RETICLE PROBLEMS ☐ COMPLETE INTERNAL REBUILD
- ☐ WARRANTY INSPECT ☐ IMAGE PROBLEM
- ☐ LIMITED ADJUSTMENT ☒ ADJUSTMENT PROBLEM
- ☒ OTHER

*changed windage & elevation adjustments
checked out 100% on Collimator after repair.*

JUL 16 1992

X

Check material with this packing list. All claims for shortage or damage must be made within ten days. Do not return merchandise without our consent. Handling charge made for returns not due to our error.

L&S - 315 (10/90)

PACKING LIST

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400011636

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C 6225255

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		7/9/92	RW
600	Proof		7/9/92	RW
607	Check Headspace		7/9/92	RW
610	Dis-assemble Gun		7/9/92	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes		7/9/92	RW
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	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		7-27-92	A
	A) Time		11	A
	B) Malfunctions		11	A
	C) Pierced Primers		11	A
	D) Optical Clarity of Scope		11	A
645	Inspect for Live Ammo		7-27-92	A
655	Final Inspection			
	A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225255
27 JUL 1992

CENTROIDAL DISTANCES

0 TO 1	.375181
1 TO 2	.716082
1 TO 3	.871639
1 TO 4	.632719
1 TO 5	.247164

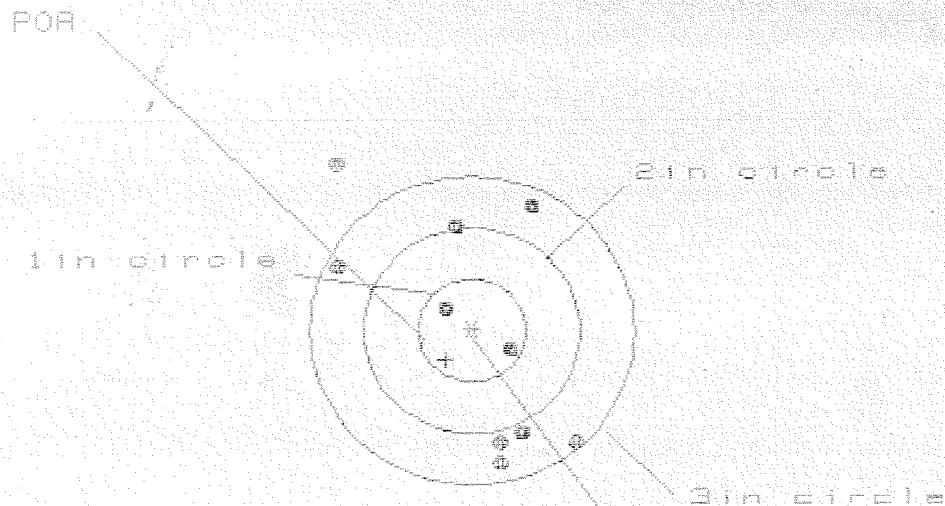
←---POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.002
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.129
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .129016
THE AMR FOR THIS RIFLE IS: 1.012

27 Jul 1992

FILE:/PATTERNING/CENTERFIRE_PATT/09225255

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 2

3in = 8

HS= 2.227

VS= 2.850

GS= 3.514

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.979	.840	.546
MINIMUM X	-1.248	-1.365	-1.260
MAXIMUM Y	1.609	1.393	1.277
MINIMUM Y	-1.241	-1.063	-1.179
CENTROID X	.244	.383	.278
CENTROID Y	.285	.107	.223
POA TO CENTROID in.	.375	.397	.356
MIN RADIUS	.305	.174	.314
MEAN RADIUS	1.147	1.015	.990
MAX RADIUS	2.036	1.577	1.428
HORIZONTAL SPREAD	2.227	2.205	1.806
VERTICAL SPREAD	2.050	2.456	2.456
EXTREME SPREAD	3.514	2.797	2.481
NUMBER IN ONE INCH CIRCLE =	2	2	2
NUMBER IN TWO INCH CIRCLE =	2	2	2
NUMBER IN THREE INCH CIRCLE =	8	9	8

27 Jul 1992

FILE: <PATTERNING/CENTERFIRE_PATT/06225255

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

* OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 2.539

VS= 2.697

GS= 2.855

PATTERN #

2

SHOTS (BEST OF)

10

9

8

MAXIMUM X

1.014

.967

.770

MINIMUM X

-1.525

-1.572

-.604

MAXIMUM Y

1.564

.919

.968

MINIMUM Y

-1.133

-.959

-.910

CENTROID X

-.029

.018

.214

CENTROID Y

-.377

-.551

-.600

POA TO CENTROID in.

.378

.551

.637

MIN RADIUS

.190

.060

.153

MEAN RADIUS

.855

.730

.607

MAX RADIUS

1.620

1.621

1.141

HORIZONTAL SPREAD

2.539

2.539

1.374

VERTICAL SPREAD

2.697

1.878

1.878

EXTREME SPREAD

2.855

2.650

2.071

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

NUMBER IN THREE INCH CIRCLE =

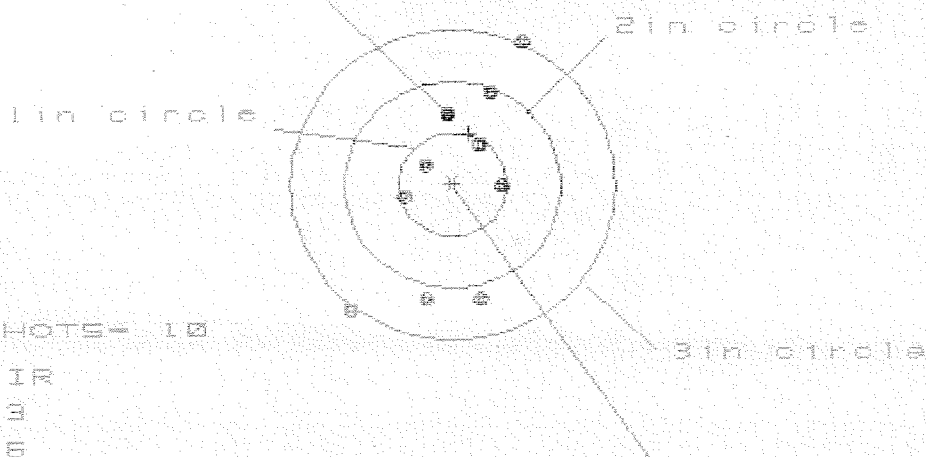
8

27 Jul 1992

FILE://PATTERNING/CENTERFIRE_PATT/08225255

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in = 3

2in = 6

3in = 8

HS= 1.500

VS= 2.583

GS= 3.038

CENTROID #

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X : .632

.524

.451

MINIMUM X : -.958

-.602

-.536

MAXIMUM Y : 1.373

1.238

.892

MINIMUM Y : -1.210

-1.257

-1.102

CENTROID X : -.151

-.043

-.109

CENTROID Y : -.492

-.357

-.512

POA TO CENTROID in. : .514

.360

.524

MIN RADIUS : .309

.303

.355

MEAN RADIUS : .875

.775

.714

MAX RADIUS : 1.550

1.345

1.124

HORIZONTAL SPREAD : 1.500

1.126

.987

VERTICAL SPREAD : 2.583

2.495

1.994

EXTREME SPREAD : 3.038

2.602

2.050

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

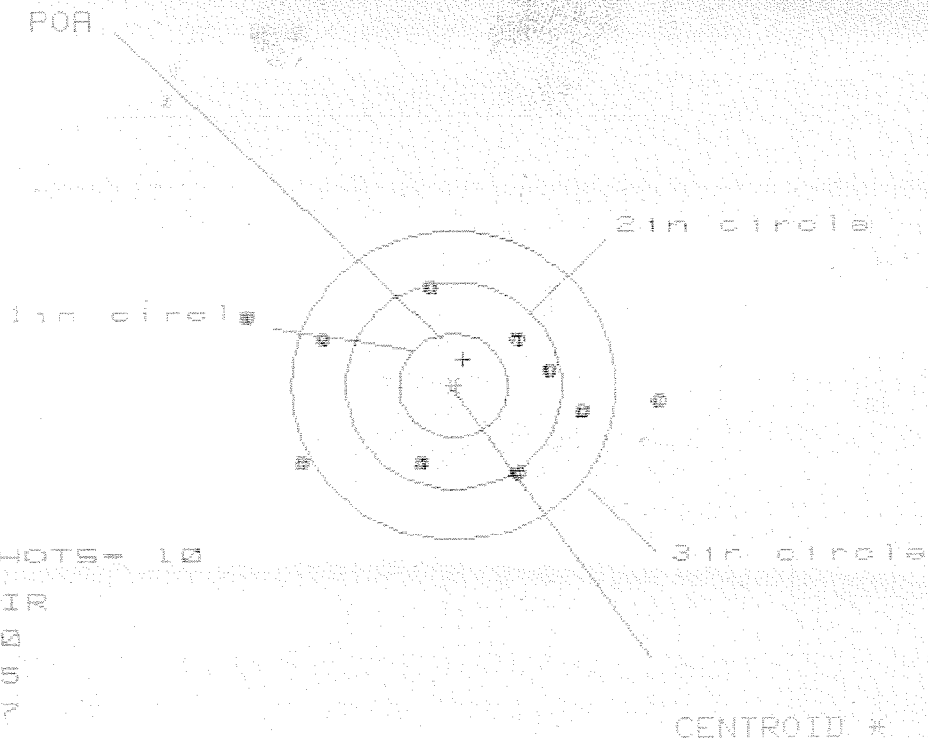
NUMBER IN THREE INCH CIRCLE =

8

27 Jul 1992

FILE:/PATTERNING/CENTERFIRE_PATT-CR23255

CENTERFIRE PATTERNS # 4



* OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 7

HS= 3.770

VS= 1.765

GS= 3.870

PATTERN # : 4

SHOTS (BEST OF) : 10
 MAXIMUM X : 1.845
 MINIMUM X : -1.925
 MAXIMUM Y : .960
 MINIMUM Y : -.805
 CENTROID X : -.089
 CENTROID Y : -.253
 POA TO CENTROID in. : .268
 MIN RADIUS : .746
 MEAN RADIUS : 1.246
 MAX RADIUS : 2.043
 HORIZONTAL SPREAD : 3.770
 VERTICAL SPREAD : 1.765
 EXTREME SPREAD : 3.870
 NUMBER IN ONE INCH CIRCLE =
 NUMBER IN TWO INCH CIRCLE =
 NUMBER IN THREE INCH CIRCLE =

9
 1.631
 -1.599
 1.036
 -.729
 .125
 -.329
 .352
 .657
 1.123
 1.730
 3.230
 1.765
 3.276
 0
 5
 7

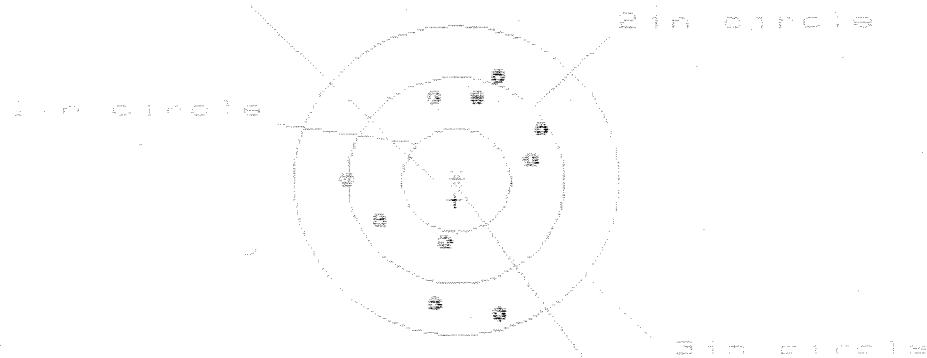
8
 1.204
 -1.395
 1.022
 -.743
 -.079
 -.315
 .325
 .768
 1.068
 1.550
 2.599
 1.765
 2.644
 0
 5
 7

27 Jul 1992

FILE:/PATTERNING/CENTERFIRE_PATT/00225255

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS- 10

= IN CIR

1 in = 0

2 in = 6

3 in = 10

CS= 1.000

CS= 2.000

CS= 2.000

CENTROID +

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.759	.904	.763
MINIMUM X	:	-1.000	-1.015	-1.005
MAXIMUM Y	:	.990	.849	.608
MINIMUM Y	:	-1.275	-1.285	-1.015
CENTROID X	:	.015	-.030	-.009
CENTROID Y	:	.192	.333	.494
FOR TO CENTROID IN.	:	.192	.335	.494
MIN RADIUS	:	.629	.690	.547
MEAN RADIUS	:	.937	.877	.797
MAX RADIUS	:	1.389	1.295	1.047
HORIZONTAL SPREAD	:	1.819	1.819	1.519
VERTICAL SPREAD	:	2.265	2.134	1.602
EXTREME SPREAD	:	2.265	2.214	1.891
NUMBER IN ONE INCH CIRCLE	:	4	0	
NUMBER IN TWO INCH CIRCLE	:	6	6	
NUMBER IN THREE INCH CIRCLE	:	10	10	

DOC. IDENT.		RI FROM		M & S		STOCK NUMBER										QUANTITY		DOCUMENT NUMBER										SUPPLEMENTARY ADDRESS										DISTRIBUTION		PROJECT		REC'D DEL DATE		ADVISE		UNIT PRICE							
A5A AWL		1005-01-243-2136		EA		00005										W33BQ9 2161-0113										CMBBAN MGA										03						5145.00											
SHIPPED FROM															SHIP TO															MARK FOR										PROJECT										TOTAL PRICE			
SUPPLY AND SERVICES DIVISION															REMINGTON ARMS CO INC																									#1										DOLLARS		CTS.	
WHS 224 490															ATTN: CUSTOM SHOP																																						
FT BENNING GA 31905															14 HOEFER AV																																						
A															ILLION NY 13357															CONTRACT # DAA21-87-G001																				25,725.00			
WAREHOUSE LOCATION					TYPE OF CARGO		UNIT PACK		UNIT WEIGHT		UNIT CUBE		UFC		NMFC		FREIGHT RATE		DOCUMENT DATE		MAT COND		QUANTITY																														
I					G		H		I		J		K		L		M		N		O		F		Q		R		S																								
SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED)															FREIGHT CLASSIFICATION NOMENCLATURE																																						
I															U RIFLE 7.62 MM M24 (SNIPER)																																						
															ITEM NOMENCLATURE																																						
W															X															Y																							
SELECTED BY AND DATE					TYPE OF CONTAINER(S)					TOTAL WEIGHT					RECEIVED BY AND DATE					INSPECTED BY AND DATE																																	
BT. 2164					BX Container					295					SN: C6349084																																						
PACKED BY AND DATE					NO OF CONTAINER(S)					TOTAL CUBE					WAREHOUSED BY AND DATE					WAREHOUSE LOCATION																																	
BT. 2164					5					32.5					C6225234																																						
															C6225255																																						
															C6225117																																						
															C6498748																																						
REMARKS:																																																					
SHIP: US REGISTERED																																																					
RETURN RECEIPT REQUESTED																																																					
AA															CC															DD										EE													
FIRST DESTINATION ADDRESS															DATE SHIPPED																																						
11															12															FF										GG													
13 TRANSPORTATION CHARGEABLE TO															14 BLADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)															15 RECEIVER'S DOCUMENT NUMBER																							

12 JUN 1992
ORIGINAL

U.S. Government Printing Office: 1989-244-058

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
 KINZER V. REMINGTON
 M2400011645

M2400011646

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 03	PD AUTHENTICATION	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION		B. LOCATION Ft. Benning GA. 31905		C. UNIT IDENT CODE	
2. SERIAL NO. C6225255		3. NOUN NOMENCLATURE RIFLE SNIPER		4. LINE NO. R95381 M24	5. MODEL	6. NATIONAL STOCK NUMBER 1005012402136	
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	
				☐ 06S Inoperative ☐ 00S Noisy		☐ 258 Overheating ☐ 387 Low Performance	
						☐ 790 Out of Adjustment ☒ Other	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). SEE ATTACHED DA2404							
B. REMARKS POC CPL ALLEN 706-544-7458							
SECTION II - WORK ACCOMPLISHED							
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)	
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
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE			
					I. TOTAL MANHOURS	J. TOTAL MANHOURS COST \$	K. TOTAL PARTS COST \$
21. DELAY (Select One)				22. Data Transcribed			
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools							
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY	
JULIAN DATE 950127		JULIAN DATE		JULIAN DATE		JULIAN DATE	
27. ACCEPTED BY				28. DISPOSITION (Select One)			
				☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged			

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

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

M-24

1116

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225255

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		3/1/95	Rw
600	Proof		3/1/95	Rw
607	Check Headspace		3/1/95	Rw
610	Dis-assemble Gun		3/1/95	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		3/18/95	Rw
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		3/18/95	Rw
	C) Inspect Ejector Hole for Chamfer		3/18/95	Rw
	D) Oil Firing Pin Ass'y		3/18/95	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		3/20/95 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		3/21/95 RW	
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		3/21/95 RW	
655	Final Inspection		3/22/95 RW	
	A) Headspace			
	B) Trigger Pull			
	C) Function		3/22/95 RW	
660	Pack			

Final Inspection

Sn: C6225255

DATE REC'D: 2/24/95

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☒ SETComments: Trigger Adjusted
Outside of Factory

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225255
28 Mar 1995

CENTROIDAL DISTANCES

0 TO 1	.421580
1 TO 2	.226883
1 TO 3	.724034
1 TO 4	.476422
1 TO 5	.628423

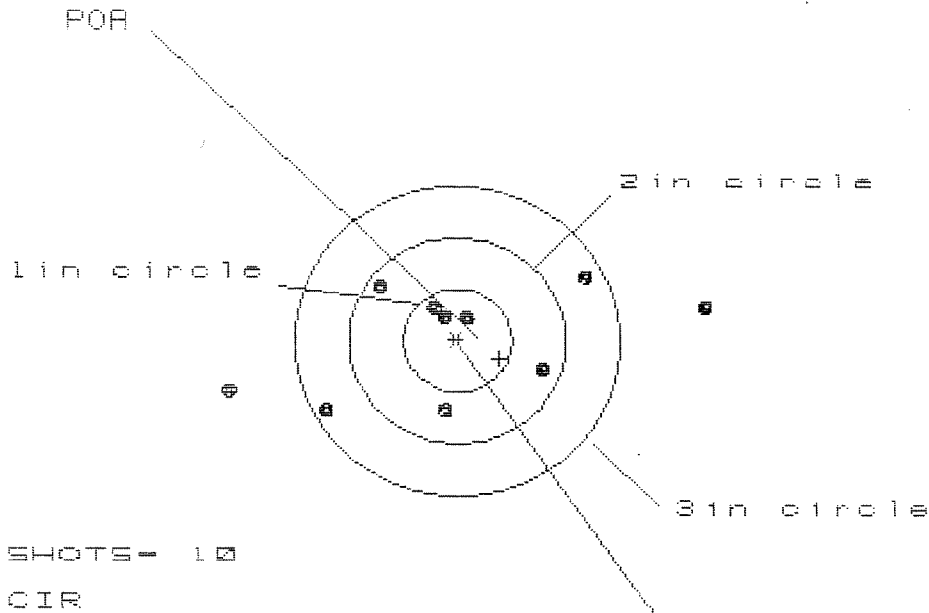
$\frac{12}{45}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1272
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0738
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .147059
THE AMR FOR THIS RIFLE IS: .9558

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/06225255

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 8

HS= 4.409

VS= 1.333

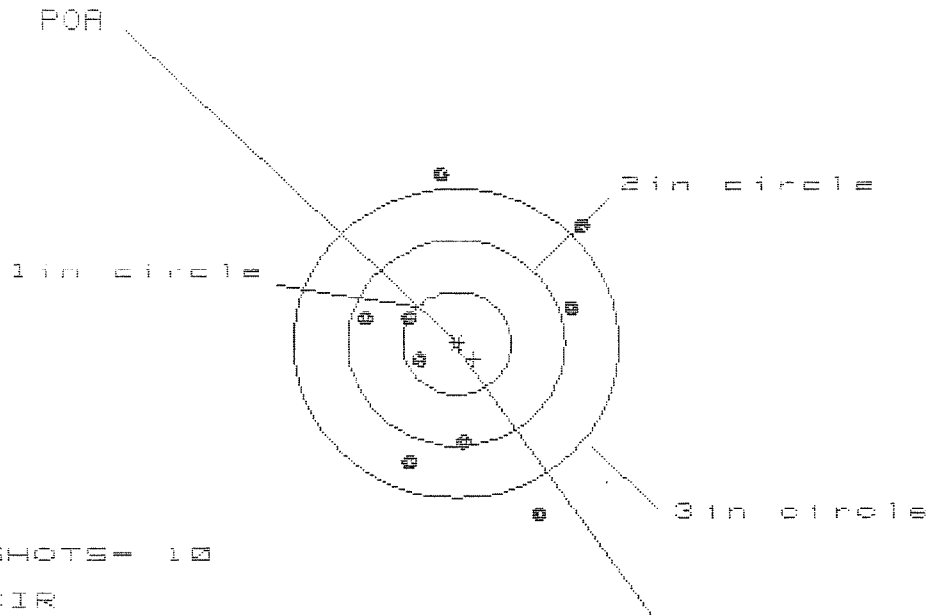
GS= 4.487

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.289	1.462	1.229
MINIMUM X	:	-2.120	-1.866	-1.156
MAXIMUM Y	:	.611	.648	.591
MINIMUM Y	:	-.722	-.685	-.742
CENTROID X	:	-.384	-.638	-.405
CENTROID Y	:	.174	.137	.194
POA TO CENTROID in.	:	.421	.652	.449
MIN RADIUS	:	.255	.320	.238
MEAN RADIUS	:	1.049	.911	.744
MAX RADIUS	:	2.313	1.922	1.374
HORIZONTAL SPREAD	:	4.409	3.328	2.385
VERTICAL SPREAD	:	1.333	1.333	1.333
EXTREME SPREAD	:	4.487	3.507	2.732
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			8	

28 Mar 1995

FILE:/PATTERNING/CENTERFIRE_PATT/C8225255

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.070

VS= 3.350

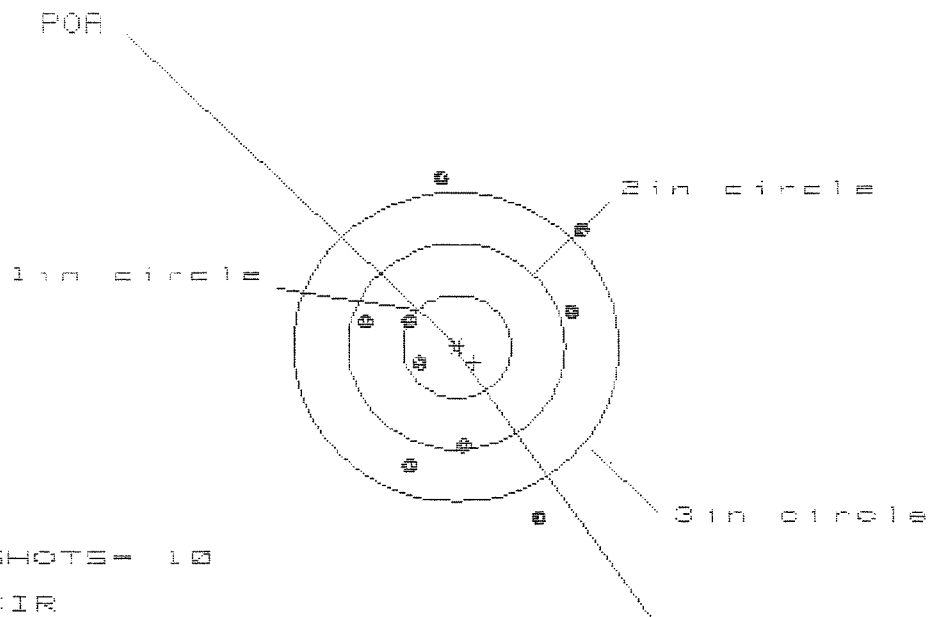
GS= 3.482

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.184	1.271	1.260
MINIMUM X	:	-.886	-.799	-.810
MAXIMUM Y	:	1.694	1.509	1.119
MINIMUM Y	:	-1.657	-1.346	-1.157
CENTROID X	:	-.158	-.245	-.234
CENTROID Y	:	.154	.339	.150
POA TO CENTROID in.	:	.221	.418	.278
MIN RADIUS	:	.381	.341	.312
MEAN RADIUS	:	1.118	1.018	.936
MAX RADIUS	:	1.829	1.575	1.685
HORIZONTAL SPREAD	:	2.070	2.070	2.070
VERTICAL SPREAD	:	3.350	2.855	2.276
EXTREME SPREAD	:	3.482	2.867	2.793
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

28 Mar 1995

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 7

HS= 2.070

VS= 3.350

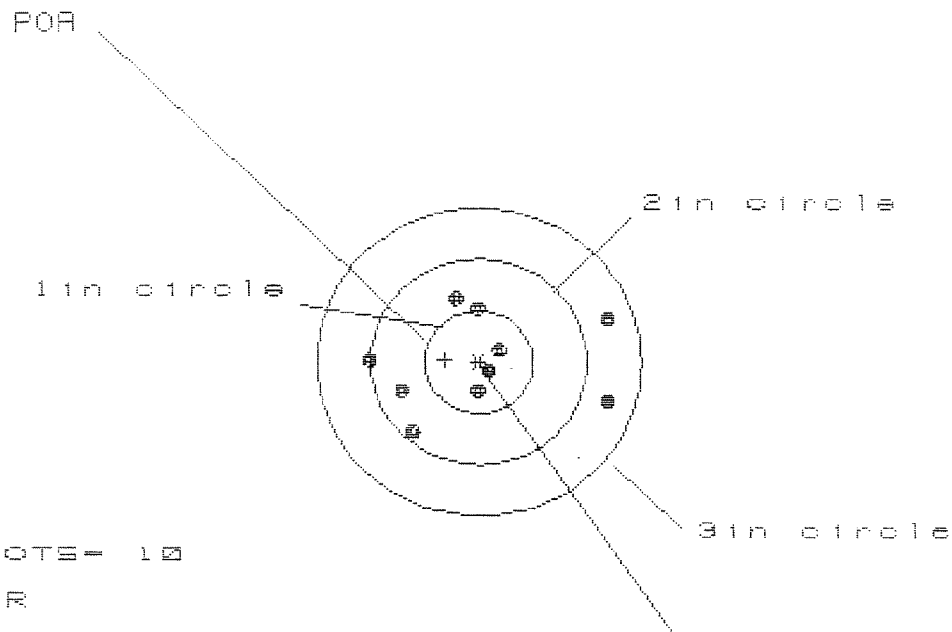
GS= 3.482

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.184	1.271	1.260
MINIMUM X	:	-.886	-.799	-.810
MAXIMUM Y	:	1.694	1.509	1.119
MINIMUM Y	:	-1.657	-1.346	-1.157
CENTROID X	:	-.158	-.245	-.234
CENTROID Y	:	.154	.339	.150
POA TO CENTROID in.	:	.221	.418	.278
MIN RADIUS	:	.381	.341	.312
MEAN RADIUS	:	1.118	1.018	.936
MAX RADIUS	:	1.829	1.575	1.685
HORIZONTAL SPREAD	:	2.070	2.070	2.070
VERTICAL SPREAD	:	3.350	2.855	2.276
EXTREME SPREAD	:	3.482	2.867	2.793
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

28 Mar 1995

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 2.245

VS= 1.283

CS= 2.291

CENTROID #

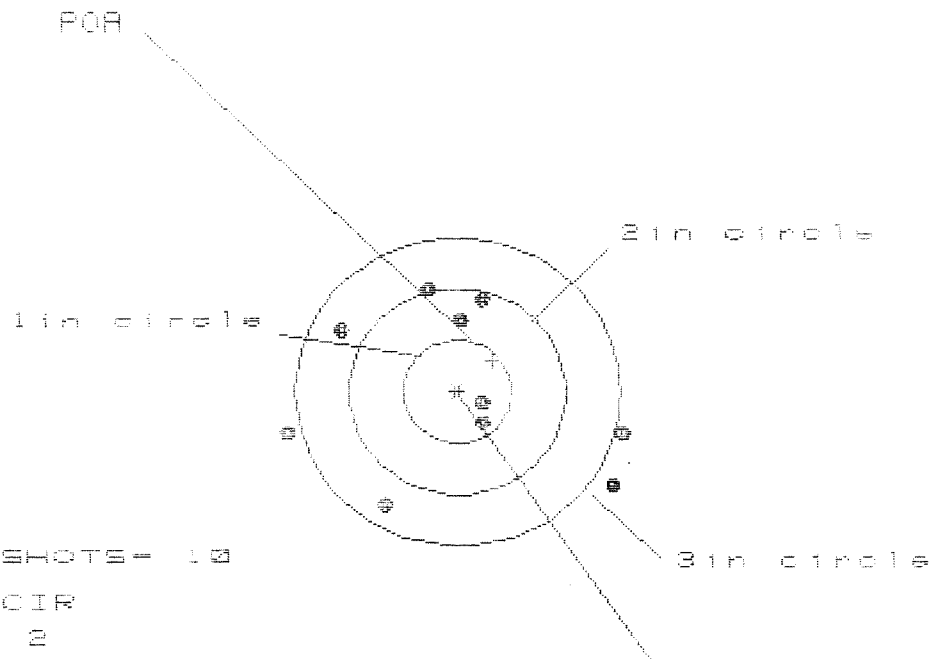
PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.188	1.272	.503
MINIMUM X	:	-1.057	-.925	-.766
MAXIMUM Y	:	.617	.668	.632
MINIMUM Y	:	-.665	-.615	-.651
CENTROID X	:	.313	.181	.022
CENTROID Y	:	-.022	-.073	-.037
POA TO CENTROID in.	:	.314	.195	.043
MIN RADIUS	:	.133	.227	.348
MEAN RADIUS	:	.698	.635	.562
MAX RADIUS	:	1.273	1.305	.766
HORIZONTAL SPREAD	:	2.245	2.197	1.269
VERTICAL SPREAD	:	1.283	1.283	1.283
EXTREME SPREAD	:	2.291	2.223	1.356
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	10		

26 Mar 1935

FILE:/PATTERNING/CENTERFIRE_PATT/C8225255

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN.CIR

1 in = 2

2 in = 4

3 in = 7

HS= 3.165

VS= 2.152

GS= 3.165

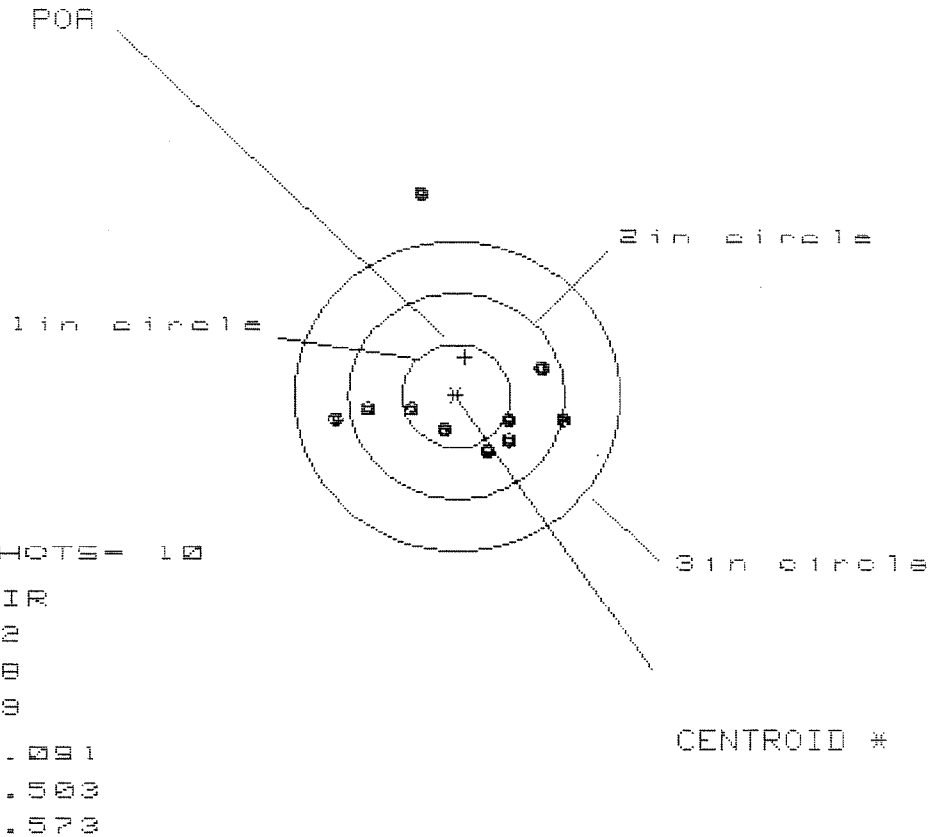
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.567	1.723	1.542
MINIMUM X	:	-1.598	-1.442	-1.123
MAXIMUM Y	:	1.623	.924	.864
MINIMUM Y	:	-1.129	-1.228	-1.288
CENTROID X	:	-.327	-.483	-.302
CENTROID Y	:	-.299	-.200	-.140
POA TO CENTROID in.	:	.443	.523	.333
MIN RADIUS	:	.271	.450	.329
MEAN RADIUS	:	1.080	1.015	.918
MAX RADIUS	:	1.662	1.796	1.644
HORIZONTAL SPREAD	:	3.165	3.165	2.666
VERTICAL SPREAD	:	2.152	2.152	2.152
EXTREME SPREAD	:	3.165	3.165	2.841
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

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CENTERFIRE PATTERNS # 5



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.937	.900	.751
MINIMUM X	:	-1.154	-1.191	-.997
MAXIMUM Y	:	1.935	.463	.467
MINIMUM Y	:	-.568	-.353	-.349
CENTROID X	:	-.080	-.043	.106
CENTROID Y	:	-.376	-.591	-.595
POA TO CENTROID in.	:	.384	.592	.605
MIN RADIUS	:	.317	.195	.304
MEAN RADIUS	:	.834	.653	.564
MAX RADIUS	:	1.964	1.192	1.000
HORIZONTAL SPREAD	:	2.091	2.091	1.748
VERTICAL SPREAD	:	2.503	.816	.816
EXTREME SPREAD	:	2.573	2.092	1.750
NUMBER IN ONE INCH CIRCLE =			2	
NUMBER IN TWO INCH CIRCLE =			8	
NUMBER IN THREE INCH CIRCLE =			9	