

C6225595

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington
©

Remington ®		 REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6225595	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.		ORDER NO. 5716	

20



5716 C6225595

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225595

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	12 9 88	9 88	RW
600	Proof	12 9 88	9 88	RW
607	Check Headspace	12 9 88	9 88	RW
610	Dis-assemble Gun	12 9 88	9 88	RW
612	Magnaflux Barrel Action		12 22 88	RW
	Magnaflux Bolt		1-3-89	RW
615	Rollmark Caliber		12/22/88	MBC
617	Drill and Tap Sight Holes	12 2 88	12 2 88	FB
618	Polish Barrel	12 2 88	12 2 88	W/T
620	Apply Coatings (Barrel Action)		1-16-89	JA
	Apply Coating (Bolt)		1-16-89	JA
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/1/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/1/89	RW
	C) Inspect Ejector Hole for Chamfer		2/1/89	RW
	D) Oil Firing Pin Ass'y		2/1/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-30-89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			3 Feb 89	JS
	G) Safety Off Force	3	3	3			3 Feb 89	JS
	H) Trigger Pull Test & Retainability						1 Feb 89	JS
	I) Firing Pin Indent	.0215	.0215	.0215			3 Feb 89	JS
	J) Assemble Stock						2/8/89	RW
	K) Assemble Swivel Studs						10 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/8/89	RW
	M) Iron Sight Alignment						2/8/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/8/89	RW
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times						9 Feb 89	JS
640	Gallery Target & Test	47R		10GL			2/9/89	A
	A) Time						"	A
	B) Malfunctions			NONE			"	A
	C) Pierced Primers			NONE			"	A
	D) Optical Clarity of Scope			OK			2/9/89	AC
645	Inspect for Live Ammo			NONE			2/9/89	AC
655	Final Inspection							
	A) Headspace						10 Feb 89	JS
	B) Trigger Pull	2.34	2.25	2.29	2.27	2.19	10 Feb 89	JS
	C) Function						10 Feb 89	JS
660	Pack						22 Mar 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. 66225595

DATE 3/27/90

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.29	2.24	2.19	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.22	2.13	
PULL #3	2.29	2.16	2.23	
PULL #4	2.22	2.13	2.22	
PULL #5	2.24	2.10	2.26	
TOTAL	11.29	10.85	110.3	
AVG.	2.25	2.17	2.2	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.16	3.21	
PULL #2	3.18	3.27	
PULL #3	3.11	3.26	
PULL #4	3.14	3.18	
PULL #5	3.18	3.22	
TOTAL	15.67	16.14	
AVG.	3.13	3.22	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.26		
PULL #2	4.19	4.23		
PULL #3	4.20	4.23		
PULL #4	4.14	4.04		
PULL #5	4.22	4.15		
TOTAL	21.01	20.91		
AVG.	4.20	4.18		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225595
13 Feb 1989

CENTROIDAL DISTANCES

0 TO 1	.738664
1 TO 2	.534083
1 TO 3	.475386
1 TO 4	.705065
1 TO 5	.583001

 <----POA

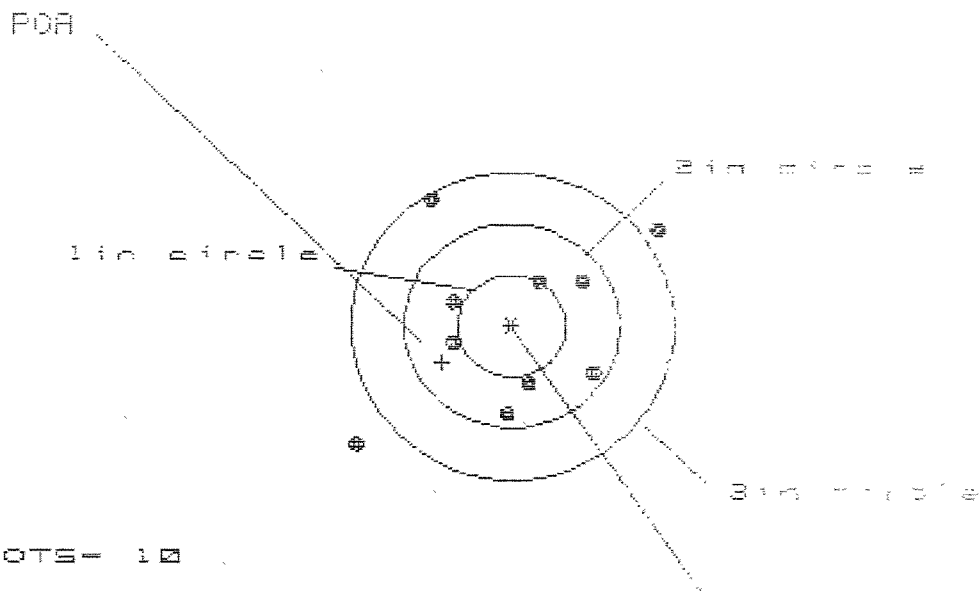
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3396
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0232
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0402

THE AMR FOR THIS RIFLE IS: .9356

18 Feb 1985

FILE:/PATTERNING/CENTERFIRE_PATT/C9225585

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 7

3 in = 3

HS = 2.846

VS = 2.402

GS = 3.572

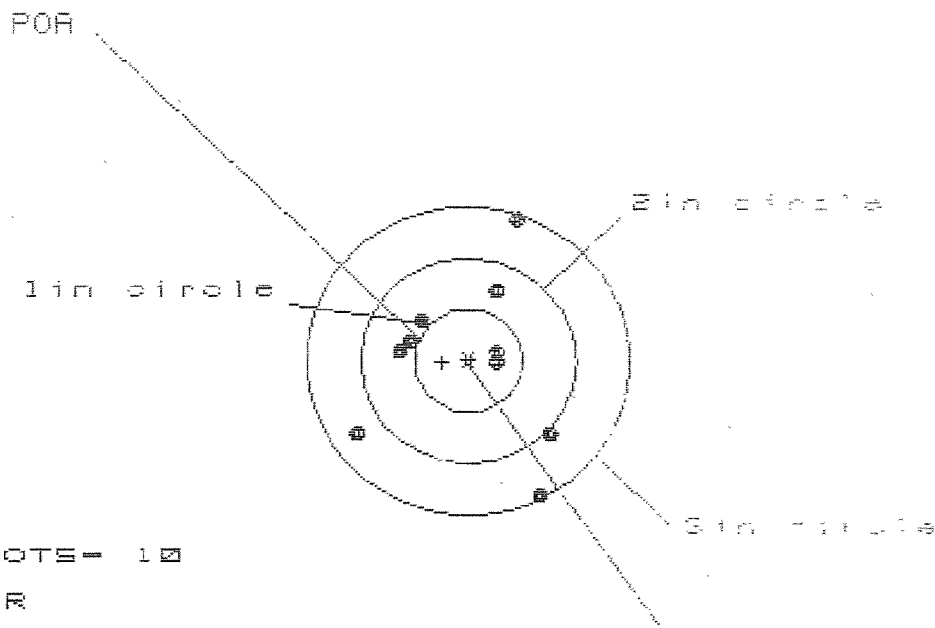
CEN-PATT: R

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.352	1.186	.771
MINIMUM X	-1.494	-.873	-.725
MAXIMUM Y	1.212	1.080	1.184
MINIMUM Y	-1.190	-.994	-.890
CENTROID X	.645	.811	.663
CENTROID Y	.360	.492	.309
POA TO CENTROID in.	.739	.949	.768
MIN RADIUS	.516	.318	.484
MEAN RADIUS	.982	.867	.781
MAX RADIUS	1.910	1.451	1.389
HORIZONTAL SPREAD	2.846	2.059	1.896
VERTICAL SPREAD	2.402	2.074	2.074
EXTREME SPREAD	3.572	2.278	2.265
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	3		

18 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225585

CENTERFIRE PATTERNS # 2



OF SHOTS= 10
IN CIR
1 in = 2
2 in = 6
3 in = 10
HS= 1.811
VS= 2.673
GS= 2.688

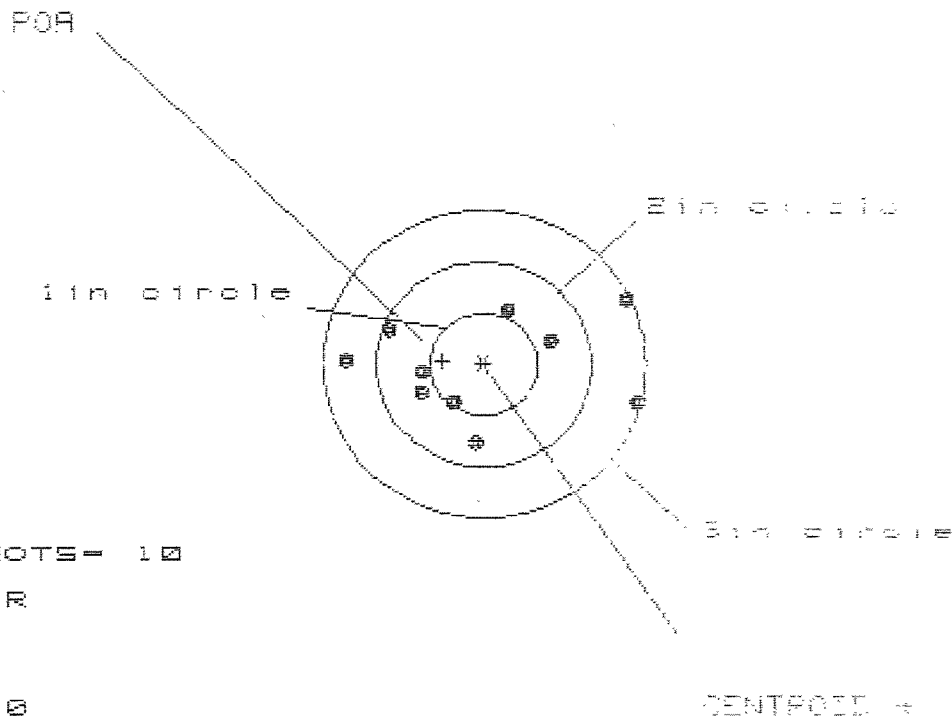
CENTERFIRE

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.759	.808	.892
MINIMUM X	:	-1.052	-1.003	-.919
MAXIMUM Y	:	1.390	.820	.679
MINIMUM Y	:	-1.283	-1.128	-.743
CENTROID X	:	.239	.190	.106
CENTROID Y	:	.013	-.142	-.031
POA TO CENTROID in.	:	.239	.237	.105
MIN RADIUS	:	.264	.327	.394
MEAN RADIUS	:	.830	.775	.675
MAX RADIUS	:	1.457	1.314	1.182
HORIZONTAL SPREAD	:	1.811	1.811	1.811
VERTICAL SPREAD	:	2.673	1.948	1.422
EXTREME SPREAD	:	2.688	1.985	1.949
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225525

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS= 2.625

VS= 1.377

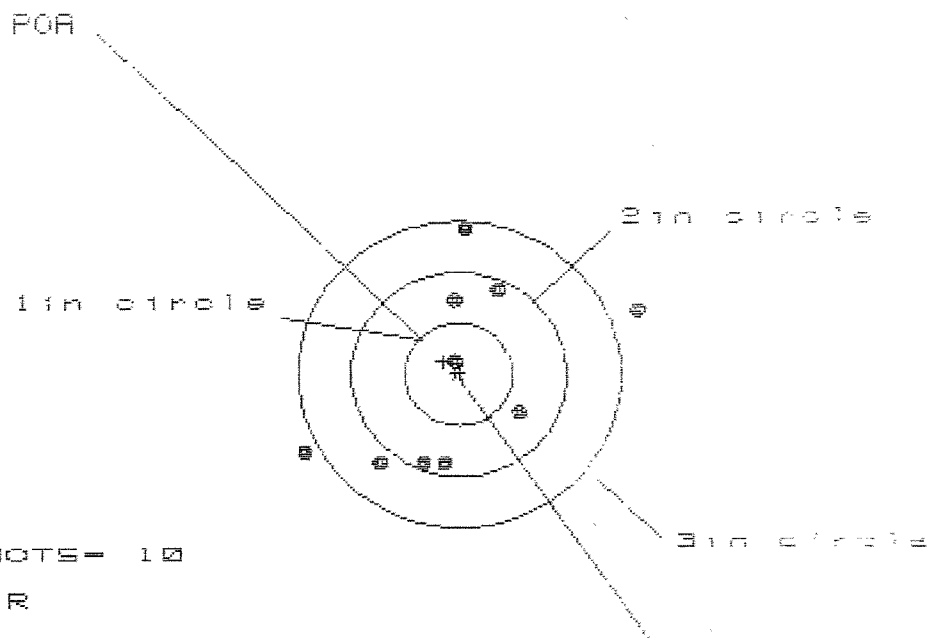
GS= 2.662

PATTERN #	3	3	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.379	1.526	.931
MINIMUM X	-1.246	-1.099	-.908
MAXIMUM Y	.622	.600	.544
MINIMUM Y	-.755	-.686	-.722
CENTROID X	.379	.232	.042
CENTROID Y	-.034	-.103	-.067
POA TO CENTROID in.	.380	.254	.079
MIN RADIUS	.445	.314	.288
MEAN RADIUS	.876	.773	.635
MAX RADIUS	1.459	1.554	1.022
HORIZONTAL SPREAD	2.625	2.625	1.899
VERTICAL SPREAD	1.377	1.286	1.286
EXTREME SPREAD	2.662	2.662	1.904
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225585

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1in = 1

2in = 6

3in = 8

HS= 3.121

VS= 2.297

GS= 3.422

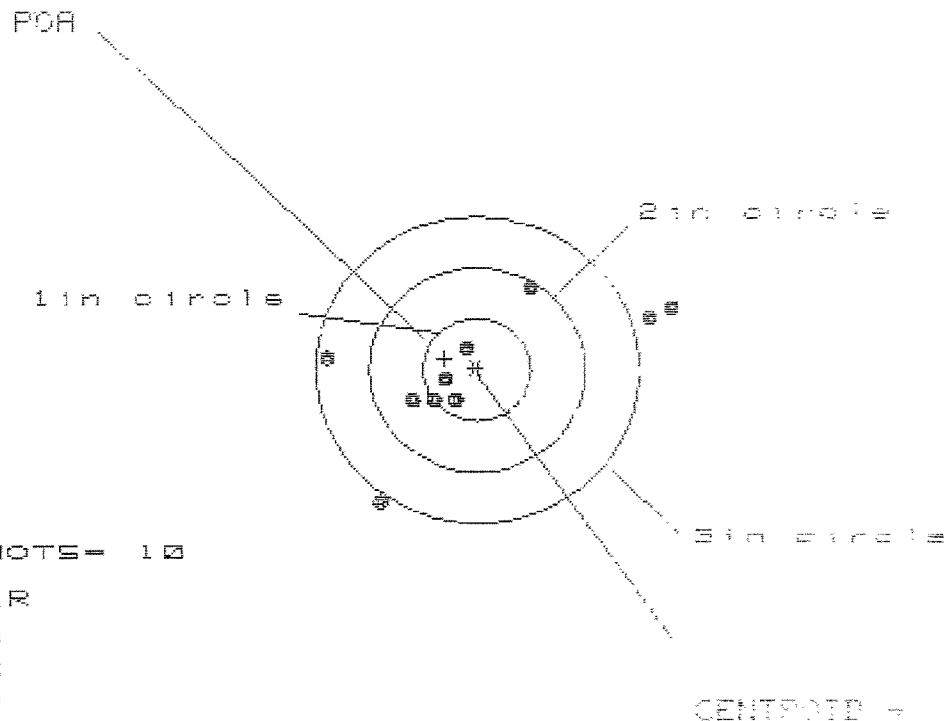
CENTROID -

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.699	.767	.613
MINIMUM X	:	-1.422	-1.233	-.720
MAXIMUM Y	:	1.425	1.496	1.409
MINIMUM Y	:	-.872	-.801	-.888
CENTROID X	:	.139	-.050	.104
CENTROID Y	:	-.131	-.202	-.115
FOR TO CENTROID in.	:	.191	.208	.155
MIN RADIUS	:	.154	.290	.141
MEAN RADIUS	:	1.029	.945	.857
MAX RADIUS	:	1.815	1.515	1.411
HORIZONTAL SPREAD	:	3.121	2.000	1.373
VERTICAL SPREAD	:	2.297	2.297	2.297
EXTREME SPREAD	:	3.422	2.638	2.427
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

18 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C0823585

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 7

HS= 3.190

VS= 2.106

GS= 3.260

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.754	1.809	.968
MINIMUM X	-1.436	-1.242	-1.015
MAXIMUM Y	.810	.882	.956
MINIMUM Y	-1.296	-1.224	-1.150
CENTROID X	.296	.102	-.125
CENTROID Y	-.107	-.179	-.253
POA TO CENTROID in.	.315	.206	.292
MIN RADIUS	.184	.146	.098
MEAN RADIUS	.961	.791	.582
MAX RADIUS	1.871	1.904	1.360
HORIZONTAL SPREAD	3.190	3.051	1.983
VERTICAL SPREAD	2.106	2.106	2.106
EXTREME SPREAD	3.260	3.078	2.533
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	7		

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R7)
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER WH04CGO	1b. CUSTOMER UNIT NAME CY5 SFG-A	1c. PHONE NO 798-7590	3a. WORK ORDER NUMBER (WOM)		3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/TDA		2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT		4b. SUPPORT UNIT NAME
SECTION III - EQUIPMENT DATA						
5. TYPE MNT REQ CODE	6. ID	7. NSN 112015701124021316		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751		
8. MODEL M24		9. NOUN 7.62 MM SNIPER SYSTEM		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K H R
10a. ORG WON/DOC NO		10b. EIC				
11. SERIAL NUMBER CG 225595		12. QTY	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)				20. ADMIN NO		
				21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		
				22. LEVEL OF WORK		
				23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)						
25. REMARKS BARRel need replaced shot out						
PREPARATION INSTRUCTIONS FOR THIS PAGE						
SECTION I Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.				SECTION III (Cont'd) Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the 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 maint. Block 25. Self-explanatory.		
SECTION II Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.						
SECTION III Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. 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 (WOM)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.						
34a. SUBMITTED BY		35a. ACCEPTED BY		35c. DATE		
34b. DATE		35b. STATUS		35d. TIME		
				Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.		

M2400052117

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

97-15760

INITIAL CUSTOMER ORDER NO.

JLM

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
09/15/97	09/16/97		C6225595		700 7.62 NATO
ACCESSORIES SCOPE BASE HARD CASE W/STUDS W/BI-POD					

FROM:

SHIP TO:

TRANSPORTATION OFFICER
ATTN AFZB-DL-TO-BLDG 873
FT CAMPBELL KY 42223

TRANSPORTATION OFFICER
ATTN AFZB-DL-TO-BLDG 873
FT CAMPBELL KY
42223

REPRINT CUST NO: 087942 C.O.D.

ACCOUNT NUMBER	ACCOUNT NUMBER NO	WRITE	PROV. DATE	ESTIMATED	PA
		☐			UPS
GUN CONDITION					REPAIR CHARGE
☐ NEW					EXCISE
☐ LIGHTLY WORN					TAX
☐ WORN					INSURANCE
☐ VERY WORN					UPS
☐ UNREPAIRABLE					PARCEL POST
☐ MARRED					TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
------------------	------	----------	--------	----------	-----	---------

CYCLE

TRIGGER GROUP

BOLT ASSY.

BARREL ASSY.

REC. ASSY.

WOOD

METAL

MAIN FAULT

PARTS

COMMENTS

Barrel - 96003

Repowder Coat Trigger Guard
ASSY, Front & Rear Sight Bases
ReZinc - Scope Base & Silver
Studs

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	✓	✓	✓	✓	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
A	9/19/97	11/10/97	11/14/97	11/14/97	

OFFICE COPY

PODCE REP. 107

21 DAY TURN - AROUND

*New
Barrel*

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6225595

LOG IN DATE: / /		DATE	INT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>9/19/97</i>	<i>Rw</i>
605	CHECK HEADSPACE	<i>9/19/97</i>	<i>Rw</i>
610	DIS-ASSEMBLE		
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>11/14/97</i>	<i>KT</i>
655	FINAL INSPECT	<i>11/14/97</i>	<i>Rw</i>
660	PACK		
QAR INSPECTION		SHIP DATE	

Final Inspection

Sn: C6225595

DATE REC'D: 9/15/97

DATE RET'D:

AUDITOR: FM

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☒ Slings 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 # C6225595
11 Nov 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .182
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1408
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .230106

THE AMR FOR THIS RIFLE IS: 1.262

CENTROIDAL DISTANCES

0 TO	1	.324755
1 TO	2	.694173
1 TO	3	.729784
1 TO	4	.715157
1 TO	5	.724241

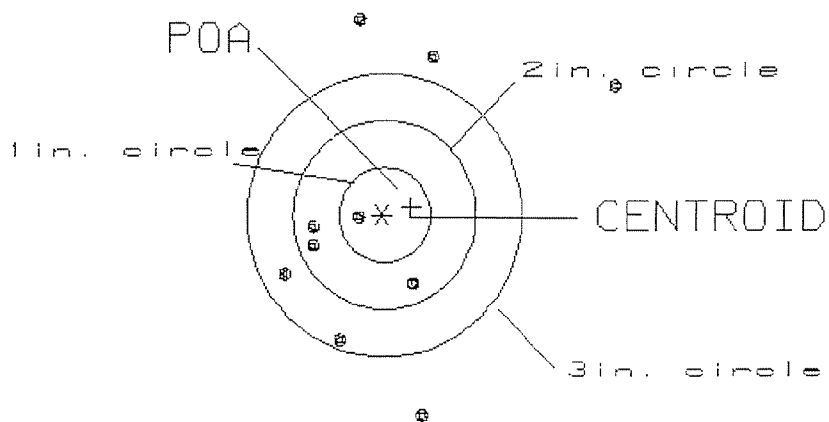
1 + 2
3 <----POA
5
4

PATTERN #: 1
 POA TO CENTROID: .325
 MIN RADIUS : .309
 MEAN RADIUS : 1.421
 MAX RADIUS : 2.846
 CENTROID X : -.315
 CENTROID Y : -.079

11 Nov 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225595

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.52
 VS= 4.28
 GS= 4.34

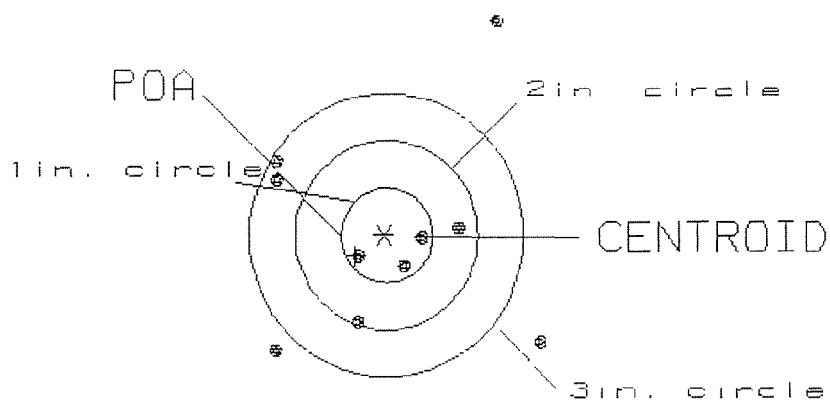
1
 4
 6

PATTERN #: 2
 PCA TO CENTROID: .362
 MIN RADIUS : .381
 MEAN RADIUS : 1.204
 MAX RADIUS : 2.557
 CENTROID X : .311
 CENTROID Y : .221

11 Nov 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225595

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.93

3

VS= 3.50

5

GS= 4.27

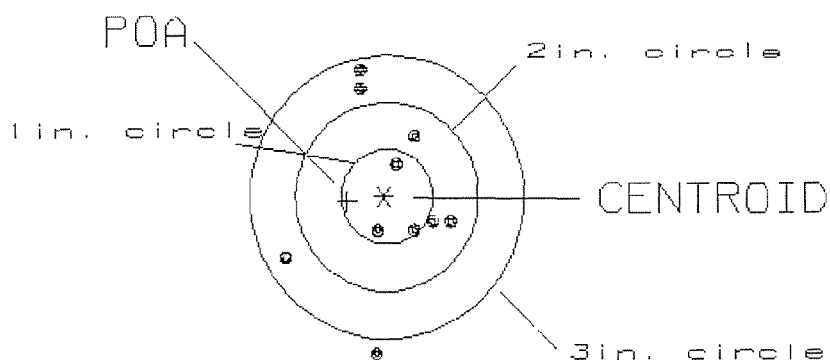
7

PATTERN #: 1 3 1
 POA TO CENTROID: .406
 MIN RADIUS : .345
 MEAN RADIUS : .866
 MAX RADIUS : 1.636
 CENTROID X : .402
 CENTROID Y : .057

11 Nov 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225595

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 1.77

3

VS= 3.00

6

GS= 3.01

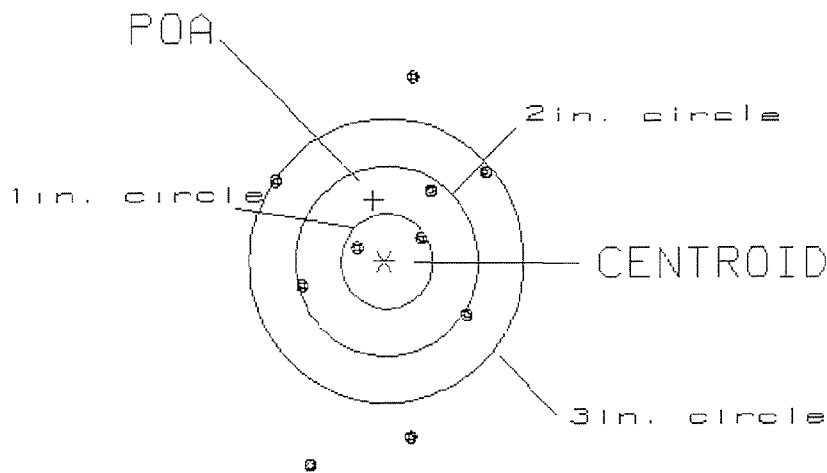
9

PATTERN #: 4
 POA TO CENTROID: .654
 MIN RADIUS : .323
 MEAN RADIUS : 1.273
 MAX RADIUS : 2.339
 CENTROID X : .126
 CENTROID Y : -.642

11 Nov 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225595

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.28
 VS= 4.15
 GS= 4.28

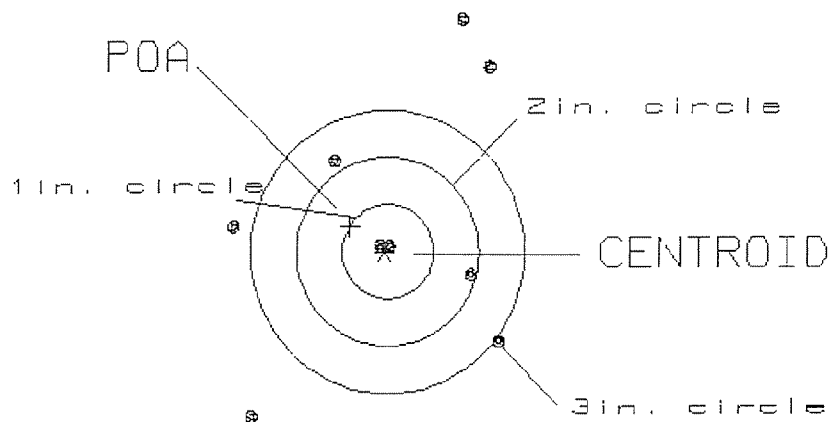
2
 4
 7

PATTERN #: 15
 POA TO CENTROID: .465
 MIN RADIUS : .042
 MEAN RADIUS : 1.544
 MAX RADIUS : 2.914
 CENTROID X : .386
 CENTROID Y : -.261

11 Nov 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6225595

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.86

2

VS= 5.35

3

GS= 5.45

5