

06225507

MODEL 700TM M24

Model **S&S** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

Remington®

MODEL 700™ M24

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

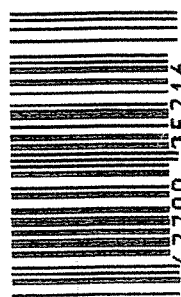
VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

DUPONT
REG. U.S. PAT. & T.M. OFF.

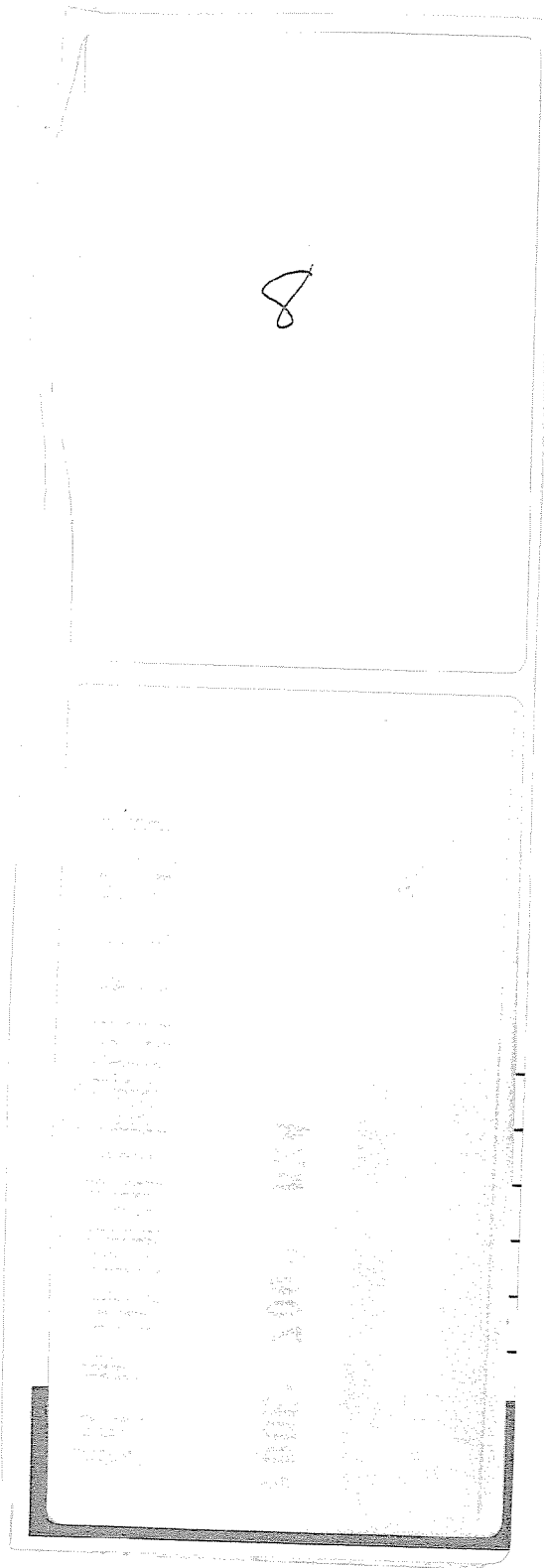
SERIAL NO.
C6225507

ORDER NO.
5716

UPC



0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225507

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	12 9 88		RW
600	Proof	12 9 88		RW
607	Check Headspace	12 9 88		RW
610	Dis-assemble Gun	12 9 88		RW
612	Magnaflux Barrel Action		12 22 88	PP
	Magnaflux Bolt		1-2-89	PP
615	Rollmark Caliber		13/2/88	M.P.C.
617	Drill and Tap Sight Holes	1 3 89		FB
618	Polish Barrel	12 2 88		WJT
620	Apply Coatings (Barrel Action)		1-17-89	TSA
	Apply Coating (Bolt)			
525	Final Assembly			
	A) Clean inside of Bolt Assembly		2/9/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/9/89	RW
	C) Inspect Ejector Hole for Chamfer		2/9/89	RW
	D) Oil Firing Pin Ass'y		2/9/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		14 Feb 89	QIS

op. #	BARBER - M24 0050260 OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	4	4			14 Feb 89	JS
	G) Safety Off Force	3	3	3			14 Feb 89	JS
	H) Trigger Pull Test & Retainability						14 Feb 89	JS
	I) Firing Pin Indent	.021	.021	.021			14 Feb 89	JS
	J) Assemble Stock						2/6/89	RW
	K) Assemble Swivel Studs						20 Feb 89	JS
	L) Attach Front and Rear Sight Assemblies						2/6/89	RW
	M) Iron Sight Alignment						2/6/89	RW
	N) Detach Front & Rear Sights & place in numbered container						2/6/89	RW
	O) Attach Scope to Rifle						17 Feb 89	JS
	P) Detach & Attach Scope 20 Times						17 Feb 89	JS
640	Gallery Target & Test	65R	89L				17 Feb 89	K
	A) Time						11	K
	B) Malfunctions			NONE			11	K
	C) Pierced Primers			NONE			11	K
	D) Optical Clarity of Scope			OK			11	K
645	Inspect for Live Ammo			NONE			17 Feb 89	K
655	Final Inspection							
	A) Headspace						20 Feb 89	JS
	B) Trigger Pull	2.49	2.42	2.40	2.42	2.44	20 Feb 89	JS
	C) Function						20 Feb 89	JS
660	Pack						22 Mar 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6225507

DATE 4/12/90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.45		2.26	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.50		2.20	
PULL #3	2.43	2.56		2.16	
PULL #4	2.40	2.24		2.21	
PULL #5	2.41	2.24		2.21	
TOTAL	12.16	11.99		11.04	
AVG.	2.432	2.398		2.208	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.40	3.45		
PULL #2	3.45	3.47		
PULL #3	3.42	3.42		
PULL #4	3.41	3.41		
PULL #5	3.47	3.45		
TOTAL	17.15	17.20		
AVG.	3.43	3.44		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.23		
PULL #2	4.35	4.23		
PULL #3	4.36	4.30		
PULL #4	4.33	4.25		
PULL #5	4.23	4.23		
TOTAL	21.45	21.24		
AVG.	4.29	4.248		

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # 06225507
 22 Feb 1989

CENTROIDAL DISTANCES

0 TO	1	1.04139
1 TO	2	1.13496
1 TO	3	.648014
1 TO	4	.954838
1 TO	5	.715045

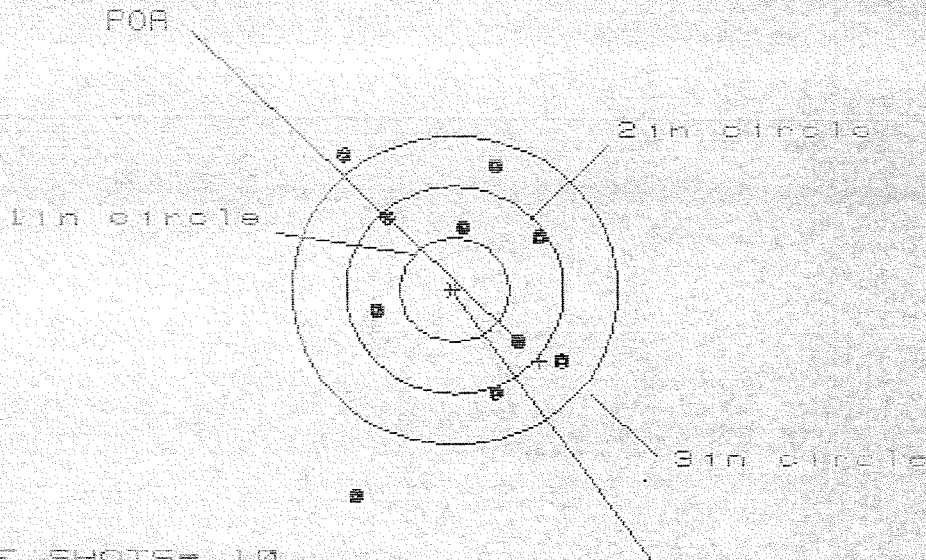
1
 $5\frac{3}{4}$ + <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.5656
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0444
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .56734
 THE AMR FOR THIS RIFLE IS: .9966

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225507

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 8

HS= 1.986

VS= 3.320

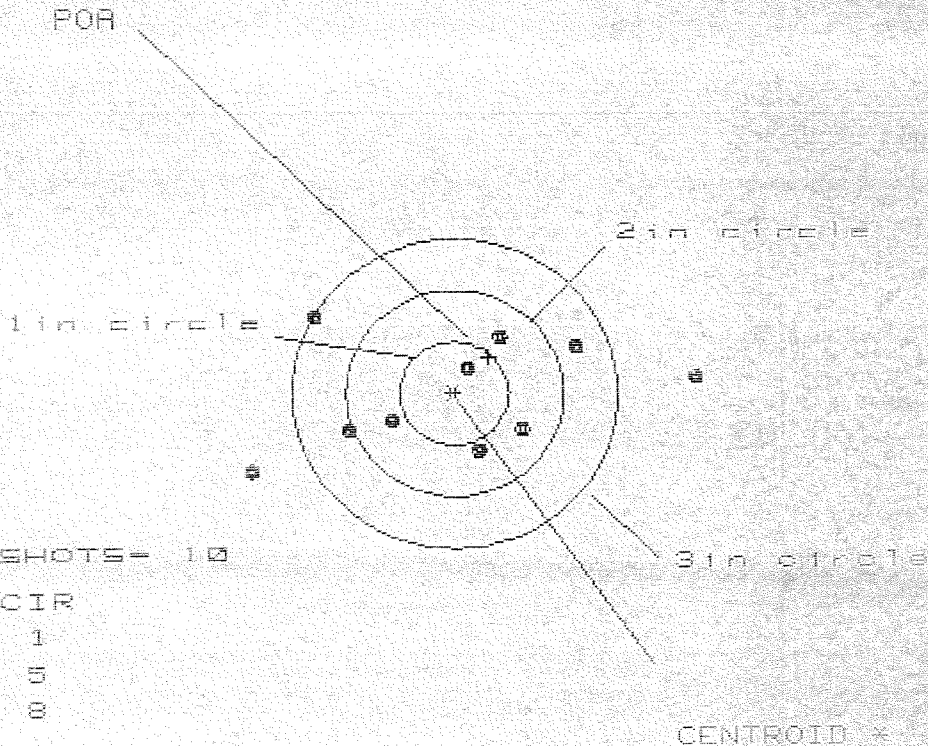
GS= 3.444

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.997	.893	.756
MINIMUM X	-.989	-1.093	-.958
MAXIMUM Y	1.301	1.077	1.004
MINIMUM Y	-2.019	-1.247	-1.113
CENTROID X	-.780	-.676	-.539
CENTROID Y	.690	.914	.780
POA TO CENTROID in.	1.041	1.137	.948
MIN RADIUS	.612	.385	.546
MEAN RADIUS	1.142	.983	.910
MAX RADIUS	2.237	1.535	1.122
HORIZONTAL SPREAD	1.986	1.986	1.714
VERTICAL SPREAD	3.320	2.324	2.197
EXTREME SPREAD	3.444	2.805	2.197
NUMBER IN ONE INCH CIRCLE	= 0		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 8		

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG225507

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 4.176

VS= 1.499

GS= 4.269

CENTROID *

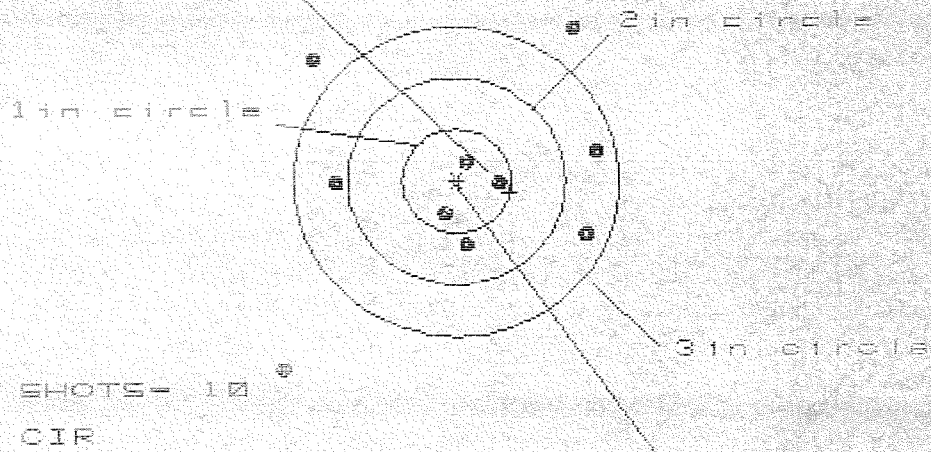
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.251	1.390	1.180
MINIMUM X	:	-1.925	-1.675	-1.258
MAXIMUM Y	:	.746	.761	.669
MINIMUM Y	:	-.753	-.738	-.594
CENTROID X	:	-.321	-.571	-.361
CENTROID Y	:	-.348	-.363	-.271
POR TO CENTROID in.	:	.474	.677	.452
MIN RADIUS	:	.310	.439	.274
MEAN RADIUS	:	1.110	.989	.850
MAX RADIUS	:	2.255	1.830	1.425
HORIZONTAL SPREAD	:	4.176	3.065	2.438
VERTICAL SPREAD	:	1.499	1.499	1.263
EXTREME SPREAD	:	4.269	3.303	2.453
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225507

CENTERFIRE PATTERNS # 3

POB



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 4

3 in = 7

HS= 2.828

VS= 3.293

GS= 4.238

CENTROID #

PATTERN # : 3

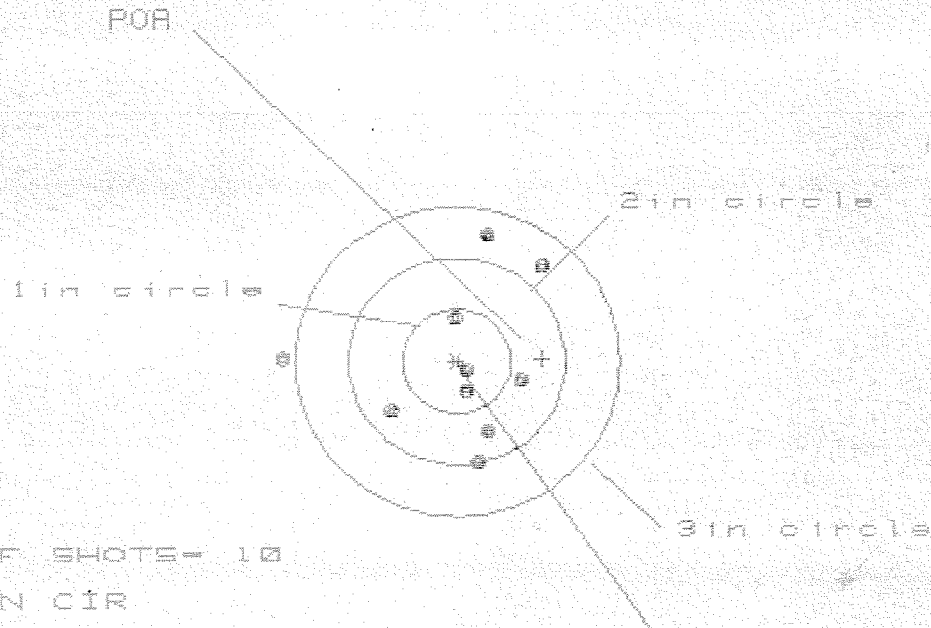
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.254	1.079	1.194
MINIMUM X	-1.574	-1.456	-1.341
MAXIMUM Y	1.502	1.303	1.170
MINIMUM Y	-1.791	-.832	-.669
CENTROID X	-.489	-.314	-.429
CENTROID Y	.111	.310	.147
POB TO CENTROID in.	.502	.441	.454
MIN RADIUS	.213	.060	.153
MEAN RADIUS	1.123	.970	.867
MAX RADIUS	2.384	1.770	1.779
HORIZONTAL SPREAD	2.828	2.535	2.535
VERTICAL SPREAD	3.293	2.135	1.839
EXTREME SPREAD	4.238	2.991	2.991
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	

22 Feb 1989

FILE:/PATTERNING/CENTERFIRE_PATT/CG225507

CENTERFIRE PATTERNS

5



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 7

3 in = 9

CENTROID #

HS= 2.409

VS= 2.179

GS= 2.593

PATTERN #

3

SHOTS (BEST OF)

10

9

8

MAXIMUM X

.810

.632

.643

MINIMUM X

-1.599

-.830

-.813

MAXIMUM Y

1.245

1.245

1.122

MINIMUM Y

-.934

-.934

-.778

CENTROID X

-.788

-.610

-.621

CENTROID Y

-.025

-.025

-.181

POA TO CENTROID in.

.788

.611

.647

MIN RADIUS

.083

.118

.147

MEAN RADIUS

.797

.694

.595

MAX RADIUS

1.599

1.248

1.293

HORIZONTAL SPREAD

2.409

1.462

1.462

VERTICAL SPREAD

2.179

2.179

1.900

EXTREME SPREAD

2.593

2.180

2.049

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

7

NUMBER IN THREE INCH CIRCLE =

9

BARBER - M24 0050268
RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-11028

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

C6225507

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

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

REC. ASSY.

B5

D2

WOOD

C1

D3

METAL

C2

MAIN FAULT

ARTS

COMMENTS

Barrel - 96003

Re-powder Coat Trigger Guard
Assy. Front + Rear Sight Bases
Re-zinc Scope Base, Survival
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0050268 50307

2170415

MAINTENANCE REQUEST				PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL																							
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG				1	1	CSGLD - 1047(R1)																							
SECTION I - EQUIPMENT DATA																													
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD		PD AUTHENTICATION																					
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION Dco 1/556A		B. LOCATION FT Campbell Ky 42223		C. UNIT IDENT CODE WH04D0																							
2. SERIAL NO. 06225507		3. NOUN NOMENCLATURE M-24 Rifle Ship 4762		4. LINE NO.		5. MODEL		6. NATIONAL STOCK NUMBER 1005-01-240-2136																					
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.		☐ 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). Weapon will not group																													
B. REMARKS F00 556 Pntorelli Br Arms Room (502) 746 3868 excessive rounds 10,000+																													
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.										13. Block 7. Enter the name of the support activity.																			
2. Enter the WESDC if the item is Materiel Condition Status Reportable.										14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L).																			
3. Enter the priority designator as determined from the urgency of need and force activity designator.										15. Block 8. Enter the utilization code.																			
4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08.										16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable.																			
5. Block 1A. Enter the name of the organization submitting the request.										17. Block 9B. Enter the equipment readiness code, if applicable.																			
6. Block 1B. Enter the unit submitting the request; units overseas enter APO only.										18. Block 9C. Enter the word "yes" if the item is a pacing item.																			
7. Block 1C. Enter the unit identification code of the unit in block 1A.										19. Block 10. Enter the hour reading, if applicable.																			
8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number.										20. Block 11. Enter the mileage from the odometer, if applicable.																			
9. Block 3. Enter the noun abbreviation of the item.										21. Block 12. Enter the total rounds fired, if applicable.																			
10. Block 4. Enter the item line number, if applicable.										22. Block 13. For turbine engines, enter the number of hot starts.																			
11. Block 5. Enter the model number.										23. Block 14. Enter a "✓" or "X" in the proper block.																			
12. Block 6. Enter the National Stock Number of the item listed in Block 3.										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		24. RECEIVED BY																											
JULIAN DATE		JULIAN DATE																											
6071																													

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG				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																																							
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION Dco 1/55/6A		B. LOCATION FT Campbell Ky 42223			C. UNIT IDENT CODE WH04D8																																								
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14. FAILURE DETECTED DURING (Select one - use ✓ or X) <table border="1"><tr><td>☐ A</td><td>Sch. Main.</td><td>☐ C</td><td>Test</td><td>☐ E</td><td>Storage</td><td>☐ G</td><td>Flight</td></tr><tr><td>☐ B</td><td>Handling</td><td>☐ D</td><td>Normal Op</td><td>☐ F</td><td>Inspection</td><td>☐ H</td><td>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 border="1"><tr><td>☐ 068</td><td>Inoperative</td><td>☐ 258</td><td>Overheating</td><td>☐ 790</td><td>Out of Adjustment</td></tr><tr><td>☐ 008</td><td>Noisy</td><td>☐ 387</td><td>Low Performance</td><td>☐</td><td>Other</td></tr></table>										☐ 068	Inoperative	☐ 258	Overheating	☐ 790	Out of Adjustment	☐ 008	Noisy	☐ 387	Low Performance	☐	Other
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SECTION II - WORK ACCOMPLISHED																																															
17A. REPAIR ORGANIZATION/ACTIVITY				C. UNIT IDENT. CODE				18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ✓ or X) <table border="1"><tr><td>☐ 1</td><td>TOE</td><td>☐ 2</td><td>TD</td><td>☐ 3</td><td>Contractor</td></tr></table>				☐ 1	TOE	☐ 2	TD	☐ 3	Contractor	19. AMS ACCT. CODE																													
☐ 1	TOE	☐ 2	TD	☐ 3	Contractor																																										
B. LOCATION																																															
20A. ACT. CODE		B. FAILURE CODE		C. COMPONENT/PART NOUN, SVC, OR MWO NO. (1) CB CODE (2) REF DESIGN. (3) MFR. CODE			D. MANHOURS (Hrs. & tenths)		E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE		G. QTY.		H. PARTS COST																																
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21. DELAY (Select One) <table border="1"><tr><td>☐ 1</td><td>Parts</td><td>☐ 2</td><td>Manpower</td><td>☐ 3</td><td>Facilities</td><td>☐ 4</td><td>Funds</td><td>☐ 5</td><td>Tools</td></tr></table>				☐ 1	Parts	☐ 2	Manpower	☐ 3	Facilities	☐ 4	Funds	☐ 5	Tools	I. TOTAL MANHOURS				J. TOTAL MANHOURS COST \$				K. TOTAL PARTS COST \$																									
☐ 1	Parts	☐ 2	Manpower	☐ 3	Facilities	☐ 4	Funds	☐ 5	Tools																																						
23. SUBMITTED BY [Signature]				24. RECEIVED BY [Signature]				25. WORK STARTED BY				26. INSPECTED BY				27. ACCEPTED BY				28. DISPOSITION (Select One) <table border="1"><tr><td>☐ A</td><td>To User</td><td>☐ D</td><td>Evacuated</td></tr><tr><td>☐ B</td><td>To Stock</td><td>☐ E</td><td>Cannibalization</td></tr><tr><td>☐ C</td><td>Salvaged</td><td></td><td></td></tr></table>				☐ A	To User	☐ D	Evacuated	☐ B	To Stock	☐ E	Cannibalization	☐ C	Salvaged														
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☐ C	Salvaged																																														
JULIAN DATE 60071				JULIAN DATE				JULIAN DATE				JULIAN DATE				JULIAN DATE																															

Final Inspection

Sn: C6225507

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:

Barrel

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225507

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 0050273 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		5/9/96	AP
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo		5/9/96	AP
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 # 06225507
12 Mar 1988

CENTROIDAL DISTANCES

0 TO	1	.459152
1 TO	2	.815029
1 TO	3	.040496
1 TO	4	.0246902
1 TO	5	.250731

15 2 <----POA

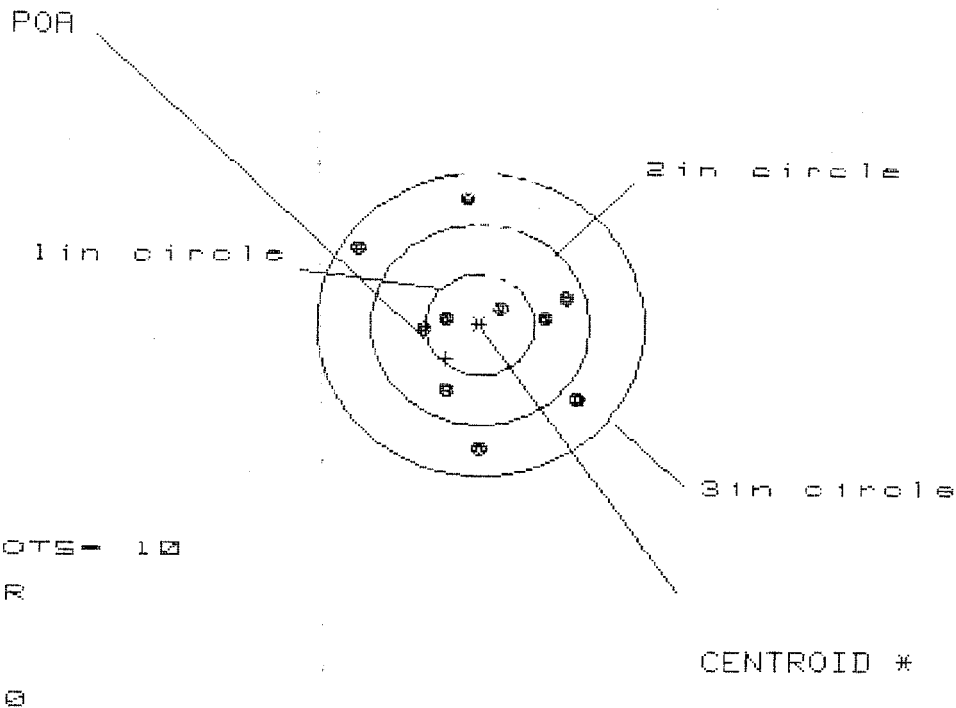
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .37
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1436
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .396889

THE AMR FOR THIS RIFLE IS: 1.006

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225507

CENTERFIRE PATTERNS # 1



HS= 2.053

VS= 2.526

GS= 2.561

PATTERN #	1	9	8
SHOTS (BEST OF)	1	9	8
MAXIMUM X	.924	.801	.769
MINIMUM X	-1.127	-.687	-.719
MAXIMUM Y	1.295	1.383	.541
MINIMUM Y	-1.231	-1.143	-.970
CENTROID X	.314	.439	.471
CENTROID Y	.335	.247	.074
POA TO CENTROID in.	.459	.504	.477
MIN RADIUS	.219	.246	.417
MEAN RADIUS	.841	.779	.710
MAX RADIUS	1.378	1.405	.984
HORIZONTAL SPREAD	2.053	1.488	1.488
VERTICAL SPREAD	2.526	2.526	1.511
EXTREME SPREAD	2.561	2.529	1.701
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8225587

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 7

HS = 2.529

VS = 2.952

GS = 3.078

PATTERN #

:

[5]

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

-1.113

-1.113

-.936

MINIMUM X

:

-1.416

-1.416

-.633

MAXIMUM Y

:

2.053

1.742

1.691

MINIMUM Y

:

-.899

-.671

-.722

CENTROID X

:

.662

.653

.830

CENTROID Y

:

-.402

-.630

-.579

POA TO CENTROID in.

:

.774

.907

1.012

MIN RADIUS

:

.335

.277

.102

MEAN RADIUS

:

1.017

.840

.745

MAX RADIUS

:

2.054

1.766

1.754

HORIZONTAL SPREAD

:

2.529

2.529

1.569

VERTICAL SPREAD

:

2.952

2.413

2.413

EXTREME SPREAD

:

3.078

2.538

2.419

NUMBER IN ONE INCH CIRCLE =

:

3

5

NUMBER IN TWO INCH CIRCLE =

:

5

7

NUMBER IN THREE INCH CIRCLE =

:

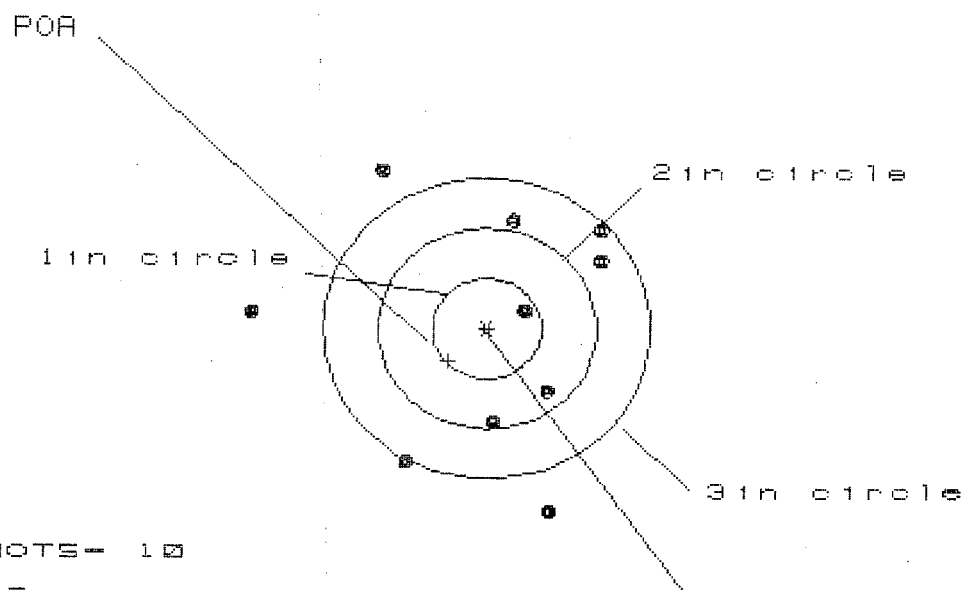
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11 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225587

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 1

2in = 3

3in = 6

HS= 3.272

VS= 3.364

GS= 3.712

PATTERN #

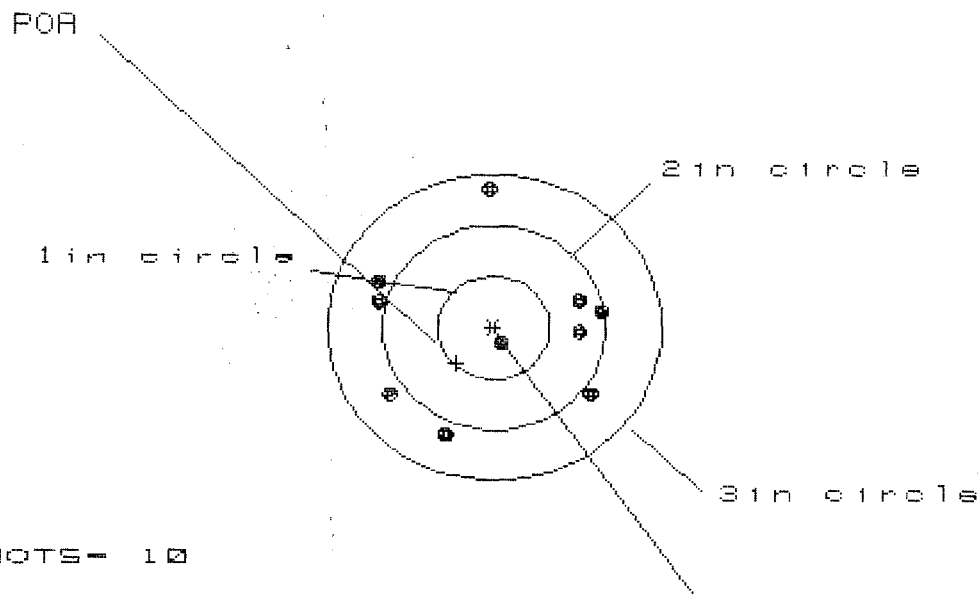
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SHOTS (BEST OF)	1	9	8
MAXIMUM X	0.943	0.885	
MINIMUM X	-1.220	-1.188	
MAXIMUM Y	1.587	1.365	
MINIMUM Y	-1.777	-1.515	
CENTROID X	.352	.595	.553
CENTROID Y	.321	.300	.522
POA TO CENTROID in.	.477	.667	.760
MIN RADIUS	.362	.191	.139
MEAN RADIUS	1.338	1.188	1.099
MAX RADIUS	2.195	2.008	1.809
HORIZONTAL SPREAD	3.272	2.073	2.073
VERTICAL SPREAD	3.364	3.364	2.880
EXTREME SPREAD	3.712	3.712	2.937
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	6		

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225507

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 10

HS= 1.997

VS= 2.405

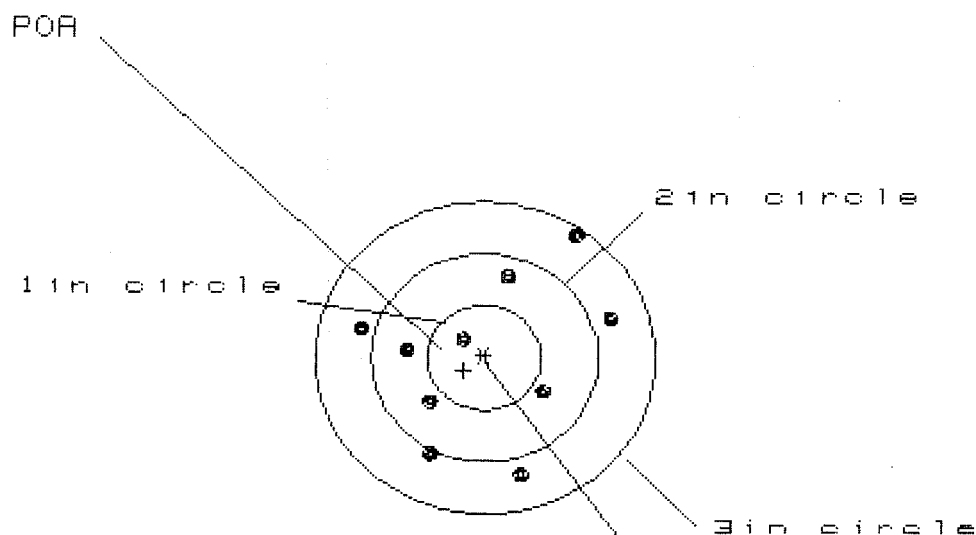
GS= 2.439

PATTERN #	4	9	8
SHOTS (BEST OF)			
MAXIMUM X	-0.1	.957	.829
MINIMUM X		.040	-1.168
MAXIMUM Y		.05	.491
MINIMUM Y		.999	-.821
CENTROID X		.336	.464
CENTROID Y	.344	.193	.115
POA TO CENTROID in.	.481	.388	.478
MIN RADIUS	.183	.088	.079
MEAN RADIUS	.953	.889	.827
MAX RADIUS	1.355	1.198	1.253
HORIZONTAL SPREAD	1.997	1.997	1.997
VERTICAL SPREAD	2.405	1.524	1.312
EXTREME SPREAD	2.439	2.139	2.041
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		10	

11 Mar 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225587

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.186

VS= 2.297

GS= 2.586

PATTERN #	:	10	8
SHOTS (BEST OF)	:	10	8
MAXIMUM X	:	.1126	.707
MINIMUM X	:	-1.060	7.818
MAXIMUM Y	:	.207	.937
MINIMUM Y	:	.094	-.894
CENTROID X	:	.103	-.057
CENTROID Y	:	.121	-.076
POA TO CENTROID in.	:	.220	.095
MIN RADIUS	:	.220	.322
MEAN RADIUS	:	.881	.714
MAX RADIUS	:	1.454	1.056
HORIZONTAL SPREAD	:	2.186	1.525
VERTICAL SPREAD	:	2.297	1.831
EXTREME SPREAD	:	2.586	1.887
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	10	