

C6611556

MODEL 700™ M24

Model **SAS**™

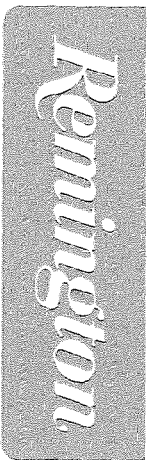
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.





MODEL 700™ H24



REG. U.S. PAT. & TM. OFF.

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

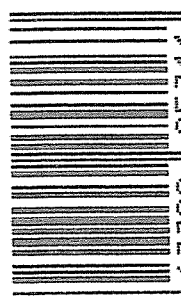
SERIAL NO.
C6611556

ORDER NO.
5716



5716 C6611556

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611556

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/19/91	K.S.
600	Proof		3/19/91	K.S.
607	Check Headspace		3/19/91	K.S.
610	Dis-assemble Gun		3/19/91	K.S.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		3/28/91	GL
617	Drill and Tap Sight Holes		APR 3 1991	RB
618	Polish Barrel		APR 3 1991	WB
620	Apply Coatings (Barrel Action)		4-10-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/91	KS
	C) Inspect Ejector Hole for Chamfer		4/24/91	KS
	D) Oil Firing Pin Ass'y		4/24/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		4/25/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/25/91	JK
	G) Safety Off Force	3	3	3			4/25/91	JK
	H) Trigger Pull Test & Retainability						4/25/91	JK
	I) Firing Pin Indent	1023	1023	10225			4/25/91	JK
	J) Assemble Stock						4/24/91	KS
	K) Assemble Swivel Studs						5-13-91	A
	L) Attach Front and Rear Sight Assemblies						4/24/91	KS
	M) Iron Sight Alignment						4/24/91	KS
	N) Detach Front & Rear Sights & place in numbered container						4/24/91	KS
	O) Attach Scope to Rifle						4/24/91	KS
	P) Detach & Attach Scope 20 Times						4/24/91	KS
640	Gallery Target & Test						4/29/91	KT
	A) Time						4/29/91	KT
	B) Malfunctions						4/29/91	KT
	C) Pierced Primers						4/29/91	KT
	D) Optical Clarity of Scope						4/29/91	KT
645	Inspect for Live Ammo						4/29/91	KT
655	Final Inspection							
	A) Headspace						5-13-91	A
	B) Trigger Pull	2.38	2.48	2.38	2.46	2.43	5/10/91	JK
	C) Function						5-13-91	A
660	Pack						6-18-91	N

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06611556

DATE 4/25/91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.44	2.48	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.36	2.45	2.50	2.48	
PULL #3	2.47	2.44	2.50	2.38	
PULL #4	2.35	2.46	2.53	2.46	
PULL #5	2.43	2.54	2.49	2.43	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.15		
PULL #2	3.29	3.50		
PULL #3	3.19	3.51		
PULL #4	3.22	3.39		
PULL #5	3.18	3.44		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.41		4.37
PULL #2	4.31	4.39		4.37
PULL #3	4.27	4.35		4.42
PULL #4	4.20	4.35		4.35
PULL #5	4.41	4.37		4.33
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611556
29 Apr 1991

CENTROIDAL DISTANCES

0 TO	1	.0635138
1 TO	2	.0820061
1 TO	3	.0955249
1 TO	4	.054626
1 TO	5	.0487955

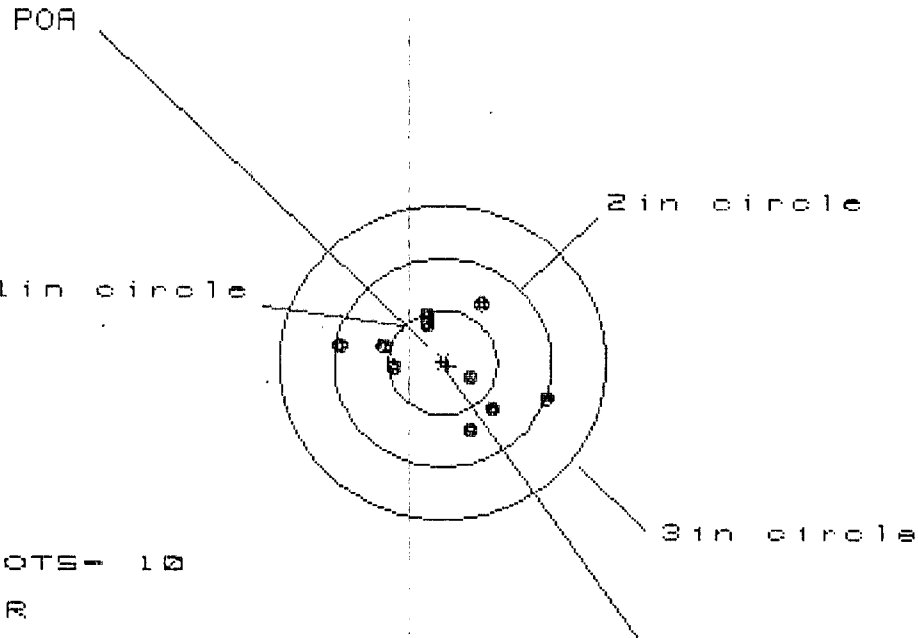
2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0826
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0364
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0902647
THE AMR FOR THIS RIFLE IS: .7006

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611556

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 4

2in = 10

3in = 10

HS= 1.900

VS= 1.162

GS= 1.976

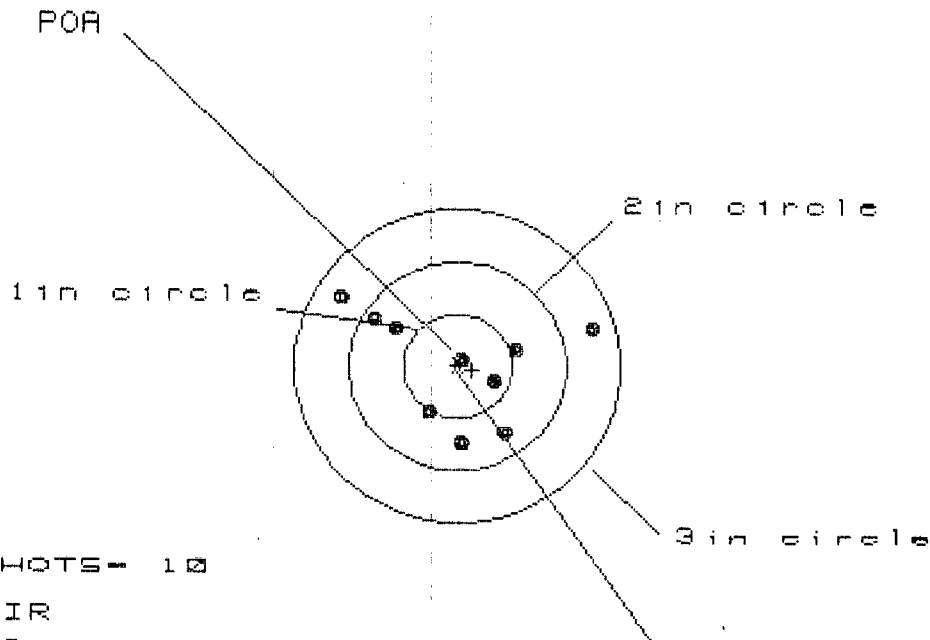
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.931	.575	.467
MINIMUM X	-.969	-.866	-.530
MAXIMUM Y	.531	.492	.511
MINIMUM Y	-.631	-.670	-.651
CENTROID X	-.053	-.156	-.048
CENTROID Y	.035	.074	.055
POA TO CENTROID in.	.063	.173	.073
MIN RADIUS	.298	.282	.303
MEAN RADIUS	.604	.547	.505
MAX RADIUS	.994	.879	.686
HORIZONTAL SPREAD	1.900	1.441	.997
VERTICAL SPREAD	1.162	1.162	1.162
EXTREME SPREAD	1.976	1.587	1.169
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	10		
NUMBER IN THREE INCH CIRCLE =	10		

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611556

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 2.309

VS= 1.371

GS= 2.328

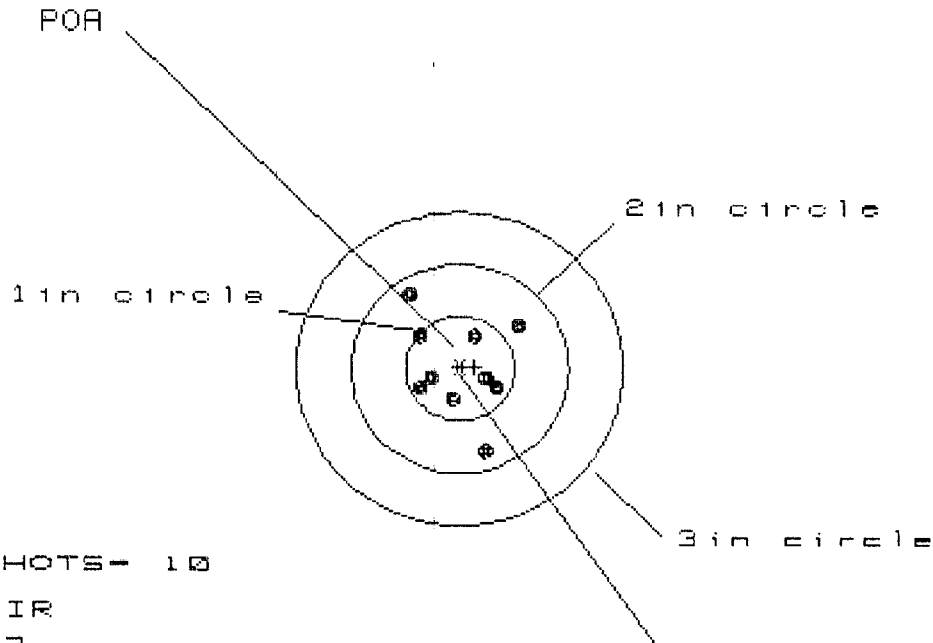
CENTROID #

PATTERN #	:	12	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.263	.680	.567
MINIMUM X	:	-1.046	-.906	-.693
MAXIMUM Y	:	.626	.663	.569
MINIMUM Y	:	-.745	-.708	-.625
CENTROID X	:	-.135	-.275	-.162
CENTROID Y	:	.034	-.003	-.086
POA TO CENTROID in.	:	.139	.275	.183
MIN RADIUS	:	.024	.158	.146
MEAN RADIUS	:	.710	.652	.571
MAX RADIUS	:	1.305	1.123	.897
HORIZONTAL SPREAD	:	2.309	1.586	1.260
VERTICAL SPREAD	:	1.371	1.371	1.194
EXTREME SPREAD	:	2.328	1.954	1.592
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811556

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 7

2in = 10

3in = 10

HS= .975

VS= 1.553

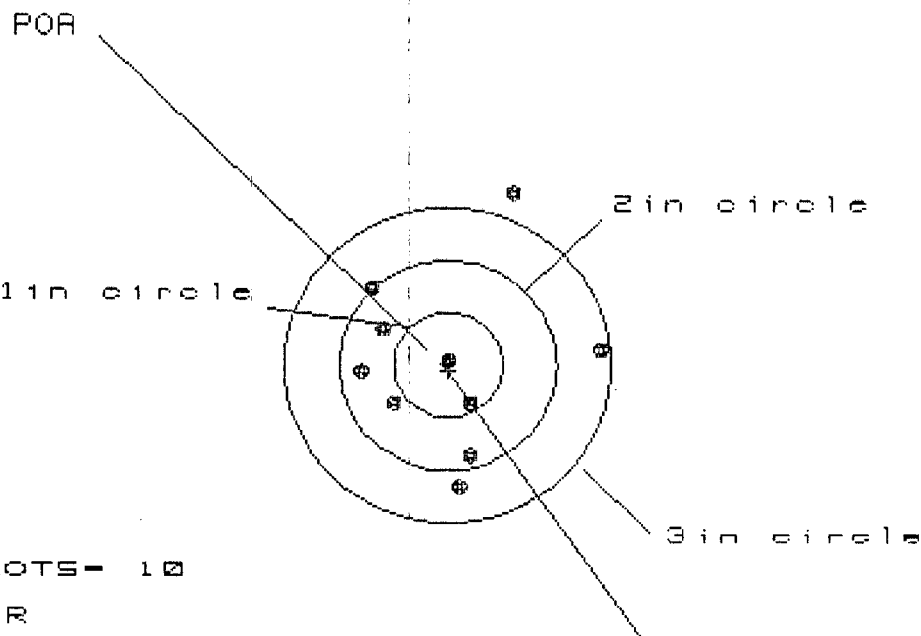
GS= 1.711

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.525	.555	.502
MINIMUM X	:	-.450	-.420	-.369
MAXIMUM Y	:	.733	.642	.419
MINIMUM Y	:	-.820	-.419	-.339
CENTROID X	:	-.135	-.165	-.112
CENTROID Y	:	-.014	.077	-.003
POA TO CENTROID in.	:	.136	.182	.112
MIN RADIUS	:	.230	.249	.215
MEAN RADIUS	:	.482	.441	.388
MAX RADIUS	:	.863	.767	.654
HORIZONTAL SPREAD	:	.975	.975	.871
VERTICAL SPREAD	:	1.553	1.061	.758
EXTREME SPREAD	:	1.711	1.245	1.088
NUMBER IN ONE INCH CIRCLE =			7	
NUMBER IN TWO INCH CIRCLE =			10	
NUMBER IN THREE INCH CIRCLE =			10	

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611556

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS = 2.207

VS = 2.840

GS = 2.886

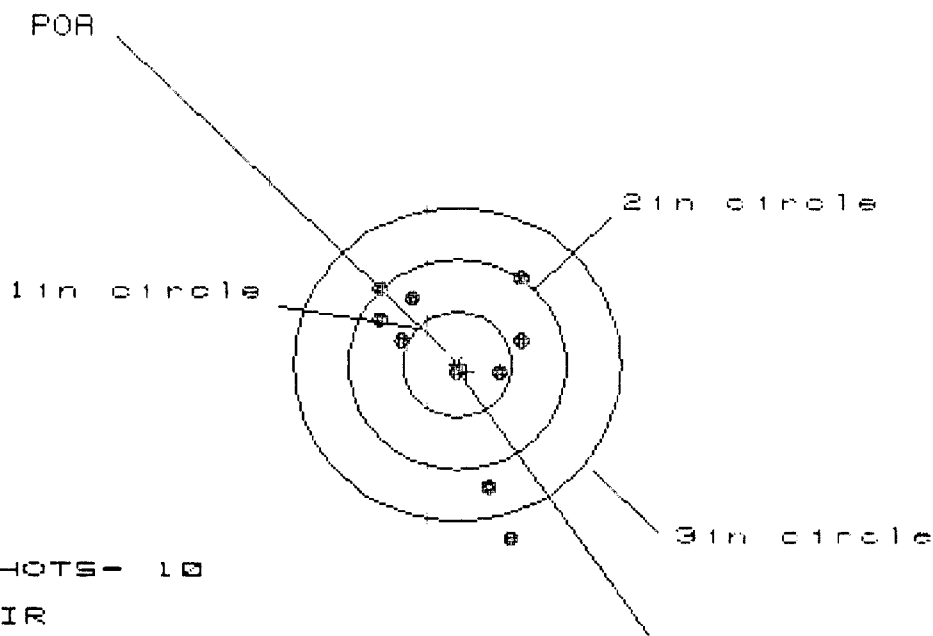
CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.417	1.489	.509
MINIMUM X	-.790	-.718	-.532
MAXIMUM Y	1.639	.879	.915
MINIMUM Y	-1.201	-1.019	-.982
CENTROID X	-.003	-.075	-.261
CENTROID Y	.057	-.125	-.161
POR TO CENTROID in.	.057	.146	.307
MIN RADIUS	.070	.264	.306
MEAN RADIUS	.885	.765	.654
MAX RADIUS	1.761	1.517	1.055
HORIZONTAL SPREAD	2.207	2.207	1.041
VERTICAL SPREAD	2.840	1.898	1.898
EXTREME SPREAD	2.886	2.215	2.074
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

29 Apr 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611556

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 7

3 in = 9

HS= 1.310

VS= 2.482

GS= 2.701

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.567	.623	.665
MINIMUM X	-.743	-.687	-.644
MAXIMUM Y	.791	.603	.429
MINIMUM Y	-1.691	-1.389	-.466
CENTROID X	-.087	-.143	-.185
CENTROID Y	.070	.258	.432
POA TO CENTROID in.	.112	.295	.470
MIN RADIUS	.068	.258	.385
MEAN RADIUS	.822	.697	.592
MAX RADIUS	1.767	1.430	.768
HORIZONTAL SPREAD	1.310	1.310	1.310
VERTICAL SPREAD	2.482	1.992	.895
EXTREME SPREAD	2.701	2.161	1.422
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 93-18930

INITIAL FPS	CUSTOMER ORDER NO.		ATTN: FRED MARTIN W/10X-M3A SCOPE/M-24 L/BOLT			
DATE RECEIVED 09/13/93	DATE OPENED 09/13/93	DATE CODE AL 3-91	SERIAL NUMBER C6611556	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO	
ACCESSORIES SLING STRAP W/STUDS W/SWIVELS HARD CASE SCOPE MNTS W/SCOPE BASE						

FROM:

SHIP TO:

COMMANDER USACML MPCEN & FM
ATZN-DLM-M (LUAllen)
BLDG. 350
FT MCCCELLAN

AL 36205

COMMANDER USACML MPCEN & FM
ATZN-DLM-M (LUAllen)
BLDG. 350
FT MCCCELLAN

AL

36205

CUST NO: 083408 C.D.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	--------------------------------	------------	-----------	------------

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Handle Broken OFF Bolt

PARTS

COMMENTS

Bolt Assy - 96005

REPAIRMAN RW	PROOF ✓	CLEAN	TEST ✓	TARGET	PATTERN
GALLERY TESTER RW	DATE 9/13/93	DATE	DATE 9/13/93	DATE	DATE

OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400078825

NMP COPY 2

M2400078826

Final Inspection

In: C6611556

DATE REC'D: 9/13/93

DATE RET'D:

EDITOR: 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: _____

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 93-10931

ATTN: FRED MARTIN W/10X-M3A SCOPE/M-24

INITIAL
FPS

CUSTOMER ORDER NO.

DATE RECEIVED
09/13/93

DATE OPENED
09/13/93

DATE CODE
CL 4-91

SERIAL NUMBER
C6611708

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES
SLING STRAP W/STUDS

W/SWIVELS
W/SCOPE MNTS & BASE

L/WOOD HARD CASE

FROM:

SHIP TO:

COMMANDER USACML MPCEN & FM
ATZN-DLM-M (LUAllen)
BLDG. 350
FT MCCLELLAN

AL 36205

COMMANDER USACML MPCEN & FM
ATZN-DLM-M (LUAllen)
BLDG. 350
FT MCCLELLAN

AL

36205

CUST NO: 083408 C.O.D

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

Cracked Stock

PARTS

COMMENTS

Repaired Stock

Bench Test Only

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

M2400078828

2795911

MAINTENANCE REQUEST				PAGE NO.		NO. OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)				
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG												
SECTION I - EQUIPMENT DATA												
CONTROL NUMBER		WORK ORDER NO. W0779		WESDC		ORG. PD 03		PD AUTHENTICATION <i>Peggy X. LuAllen</i>				
☐ Work Request ☐ MWO ☒ Warranty Claim		1A. ORGANIZATION DS/GS MAINTENANCE		8. LOCATION BLDG 350, FT MCCKELLAN, AL.				C. UNIT IDENT CODE WAK504				
2. SERIAL NO. C6611708		3. NOUN NOMENCLATURE RIFLE, 308 CA, Sniper		4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-01-240-2136				
7A. MAINTENANCE ACTIVITY		B. LEVEL F		8. UTILIZATION CODE ON		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		☐ 055 Inoperative		☐ 258 Overheating		
☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 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).												
CRACKED STOCK												
CONTRACT #DAAA09-92-C-0384												
B. REMARKS												
POC: Peggy Luallen 205-848-3033vv RETURN TO: Commander USACML & MPCEN: Fm AT2N-DLM-M (LuAllen) Bldg 350 FT Mcckellan, AL 36205-5000												
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							G. QTY.	
											H. PARTS COST	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
											\$	
				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												
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		22. Data Transcribed		
<i>P. LuAllen</i>												
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE				
3951												
28. DISPOSITION (Select One)												
☐ A To User		☐ D Evacuated										
☐ B To Stock		☐ E Cannibalization										
☐ C Salvaged												

Final Inspection

In: C6611708

DATE REC'D: 9/13/93

DATE RET'D:

EDITOR: 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

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Trigger

☒ SAFETY OPERATION☒ SET

Comments: