C661676

MODEL 700™ M24

Model SWS™

Action

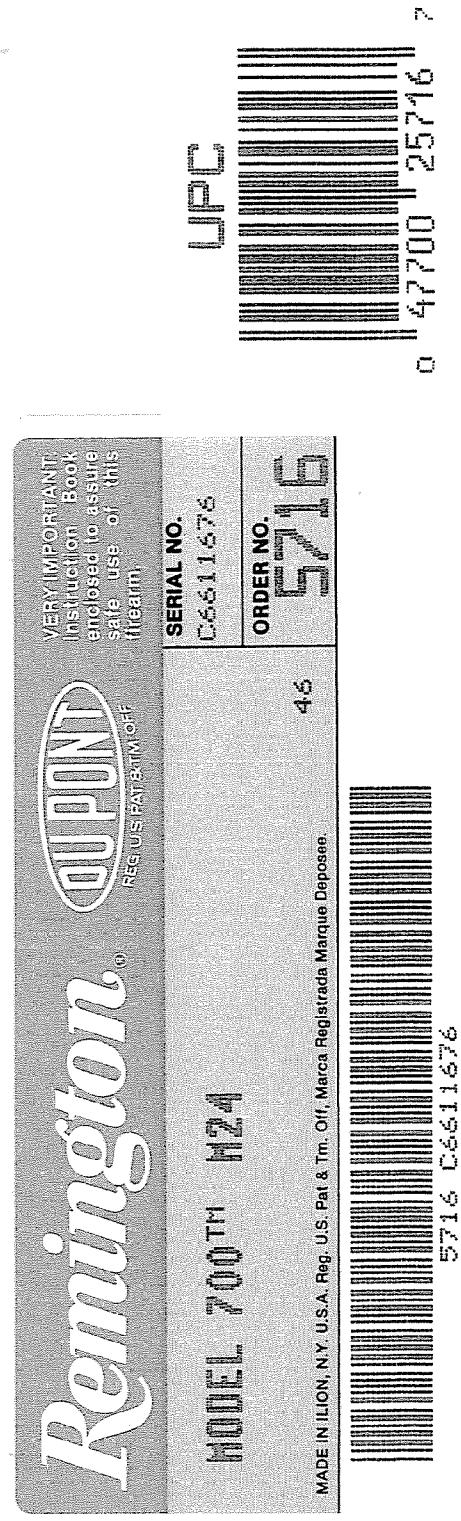
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
SERIAL NO.
C6611676
MODEL 700TM M24
ORDER NO.
46
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6611676
UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611676

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 28	91	RW
600	Proof	3 28	91	RW
607	Check Headspace	3 28	91	RW
610	Dis-assemble Gun	3 28	91	RW
612	Magnaflux Barrel Action	APR	2 1991	KR
	Magnaflux Bolt	APR	2 1991	4
615	Rollmark Caliber	APR	2 1991	DS
617	Drill and Tap Sight Holes	APR	5 1991	EB
618	Polish Barrel	APR	5 1991	WB
620	Apply Coatings (Barrel Action)		4-9-91	JA
	Apply Coating (Bolt)		4	JA
625	Final Assembly A) Clean inside of Bolt Assembly		4/16/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5/2/91	DH

op. #	OPR. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	6			5-2-91	DH
	G) Safety Off Force	5	4	5			5-2-91	DH
	H) Trigger Pull Test & Retainability						5/2/91	RW
	I) Firing Pin Indent	.020	.021	.021			5-2-91	DH
	J) Assemble Stock						5/3/91	RW
	K) Assemble Swivel Studs						5-10-91	AC
	L) Attach Front and Rear Sight Assemblies						5/3/91	RW
	M) Iron Sight Alignment						5/3/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/3/91	RW
	O) Attach Scope to Rifle						5/3/91	RW
	P) Detach & Attach Scope 20 Times						5/3/91	RW
640	Gallery Target & Test						5-3-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clearity of Scope						"	AF
645	Inspect for Live Ammo						5-3-91	AF
655	Final Inspection A) Headspace						5-10-91	AC
	B) Trigger Pull	2.26	2.24	2.26	2.31	2.31	5/9/91	
	C) Function						5-10-91	AC
660	Pack						6-17-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C 66167
DATE 5/2/91
TESTER RL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.30	2.28	2.26	MIN. SETTING,
PULL #2	2.33	2.32	2.31	2.24	NO AVG. OF 5
PULL #3	2.32	2.30	2.30	2.26	READINGS ACCEPT-
PULL #4	2.10	2.36	2.38	2.31	ABLE LESS THAN 2#
PULL #5	2.27	2.34	2.35	2.31	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.57	3.29		
PULL #2	3.32	3.36		
PULL #3	3.32	3.36		
PULL #4	3.30	3.41		
PULL #5	3.29	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.33	4.29		4.40
PULL #2	4.36	4.16		4.39
PULL #3	4.36	4.35		4.35
PULL #4	4.31	4.43		4.39
PULL #5	4.44	4.30		4.42
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611676
3 May 1991

CENTROIDAL DISTANCES

0	TO	1	.277795
1	TO	2	.239477
1	TO	3	.271649
1	TO	4	.360472
1	TO	5	.206886

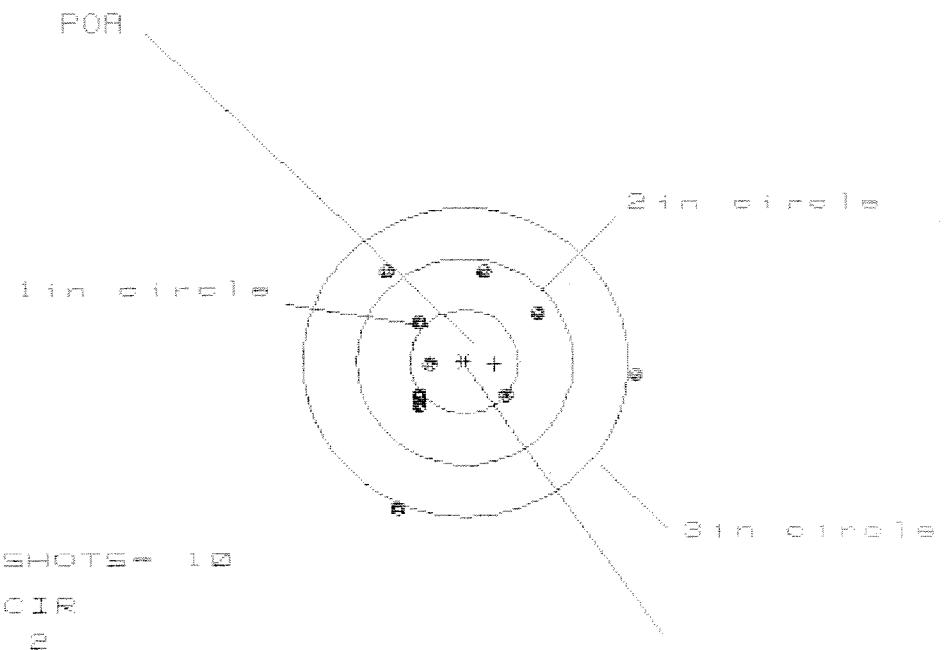
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0696
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0092
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0702054

THE AMR FOR THIS RIFLE IS: .9214

3 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611676

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

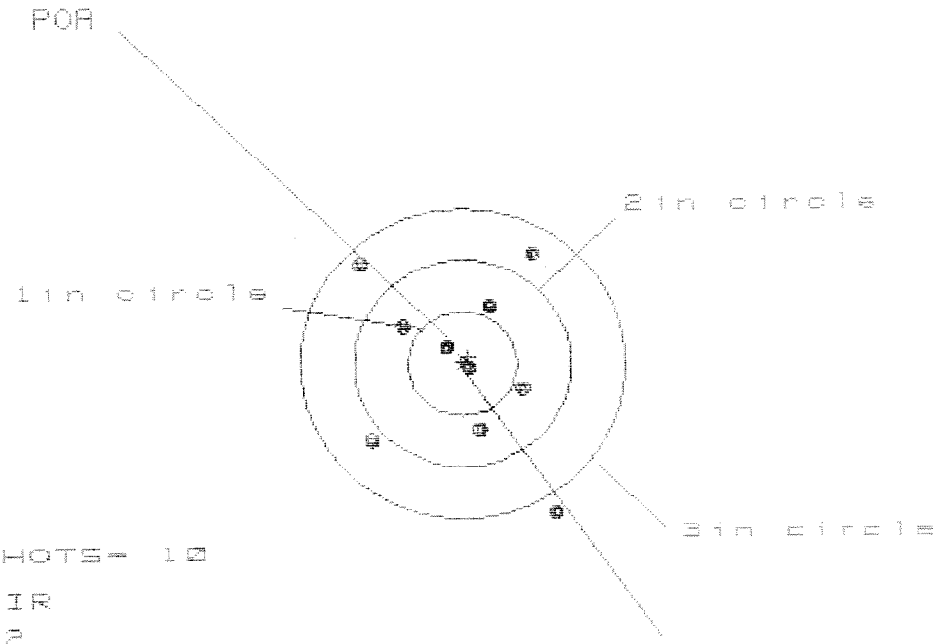
# IN CIR
1in = 2
2in = 7
3in = 8

HS= 2.355
VS= 2.381
GS= 2.578

PATTERN #	:	[redacted]		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.615	.869	.818
MINIMUM X	:	-.740	-.561	-.612
MAXIMUM Y	:	.927	.914	.731
MINIMUM Y	:	-1.454	-1.467	-.639
CENTROID X	:	-.277	-.456	-.405
CENTROID Y	:	.021	.034	.217
POA TO CENTROID in.	:	.278	.458	.460
MIN RADIUS	:	.337	.171	.321
MEAN RADIUS	:	.865	.743	.657
MAX RADIUS	:	1.619	1.523	.950
HORIZONTAL SPREAD	:	2.355	1.430	1.430
VERTICAL SPREAD	:	2.381	2.381	1.370
EXTREME SPREAD	:	2.578	2.500	1.702
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

3 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6811676

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

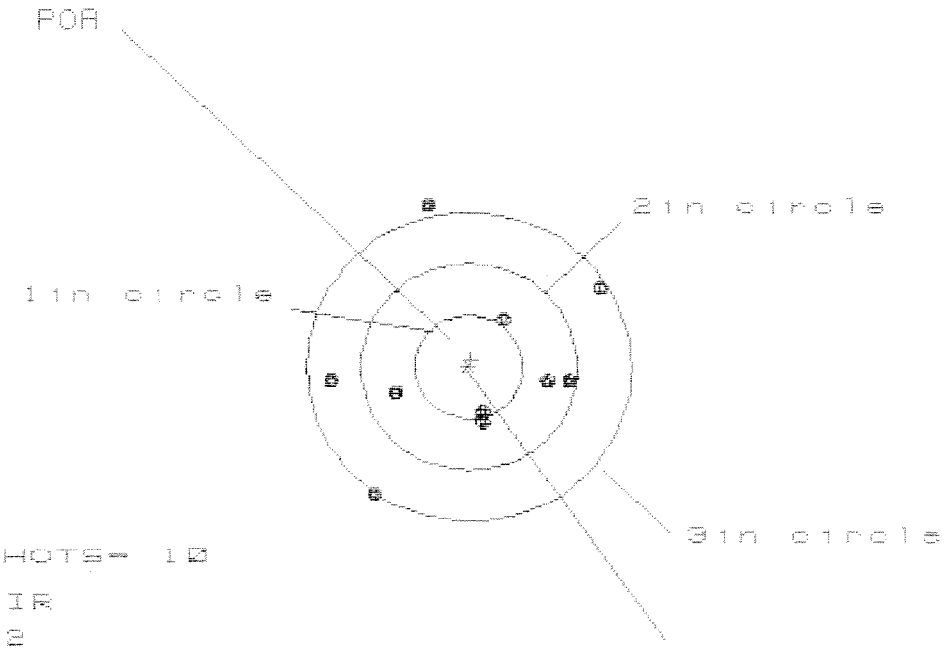
# IN CIR
1in = 2
2in = 6
3in = 8

HS= 1.787
VS= 2.486
GS= 2.961

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.848	.777	.672
MINIMUM X	:	-.939	-.845	-.845
MAXIMUM Y	:	1.086	.930	1.030
MINIMUM Y	:	-1.401	-.862	-.762
CENTROID X	:	-.052	-.146	-.041
CENTROID Y	:	-.061	.094	-.006
POA TO CENTROID in.	:	.081	.174	.041
MIN RADIUS	:	.076	.092	.131
MEAN RADIUS	:	.817	.720	.651
MAX RADIUS	:	1.637	1.212	1.230
HORIZONTAL SPREAD	:	1.787	1.622	1.517
VERTICAL SPREAD	:	2.486	1.792	1.792
EXTREME SPREAD	:	2.961	2.348	2.348
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

3 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6611678

CENTERFIRE PATTERNS # 3



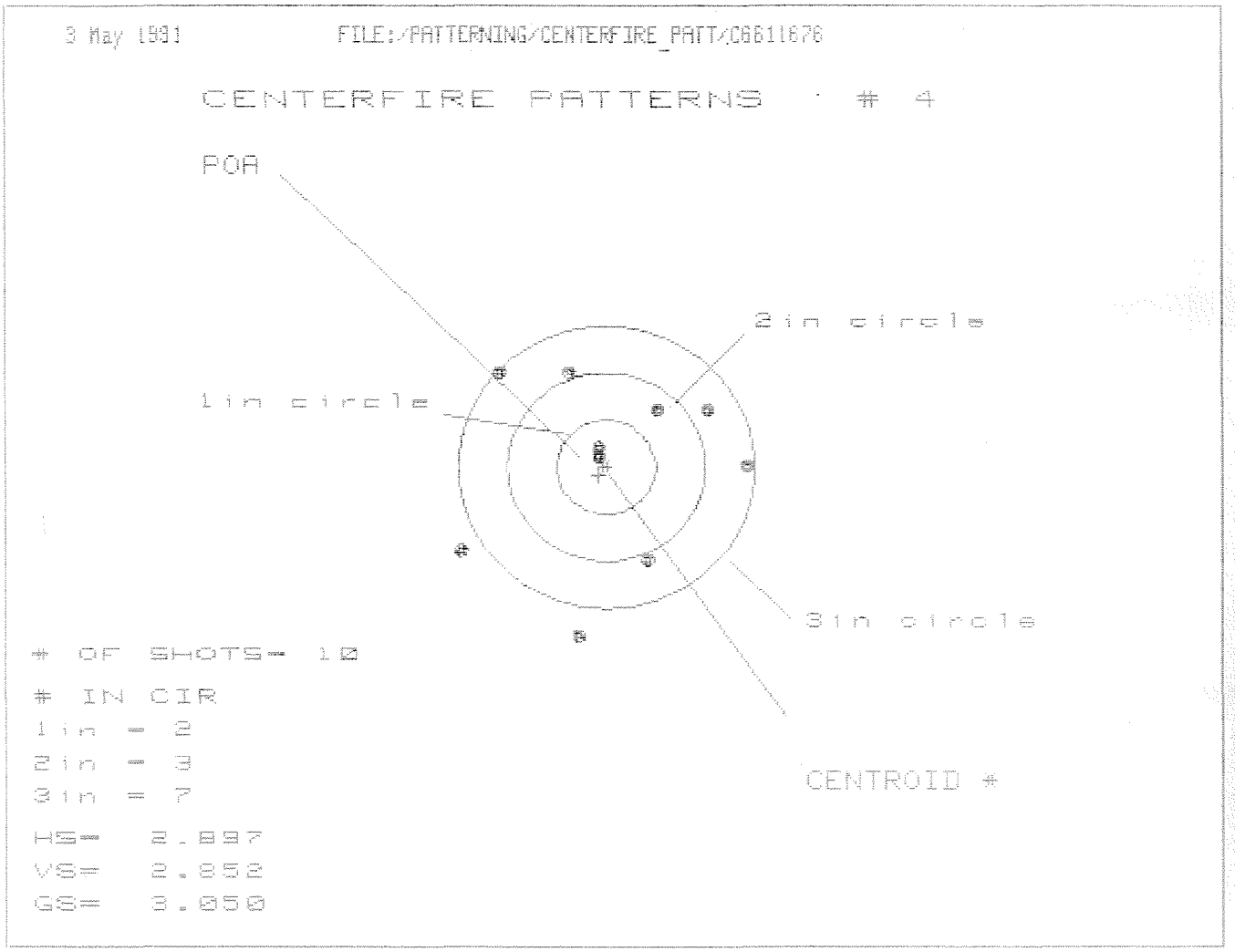
OF SHOTS= 10

# IN CIR
1in = 2
2in = 6
3in = 8

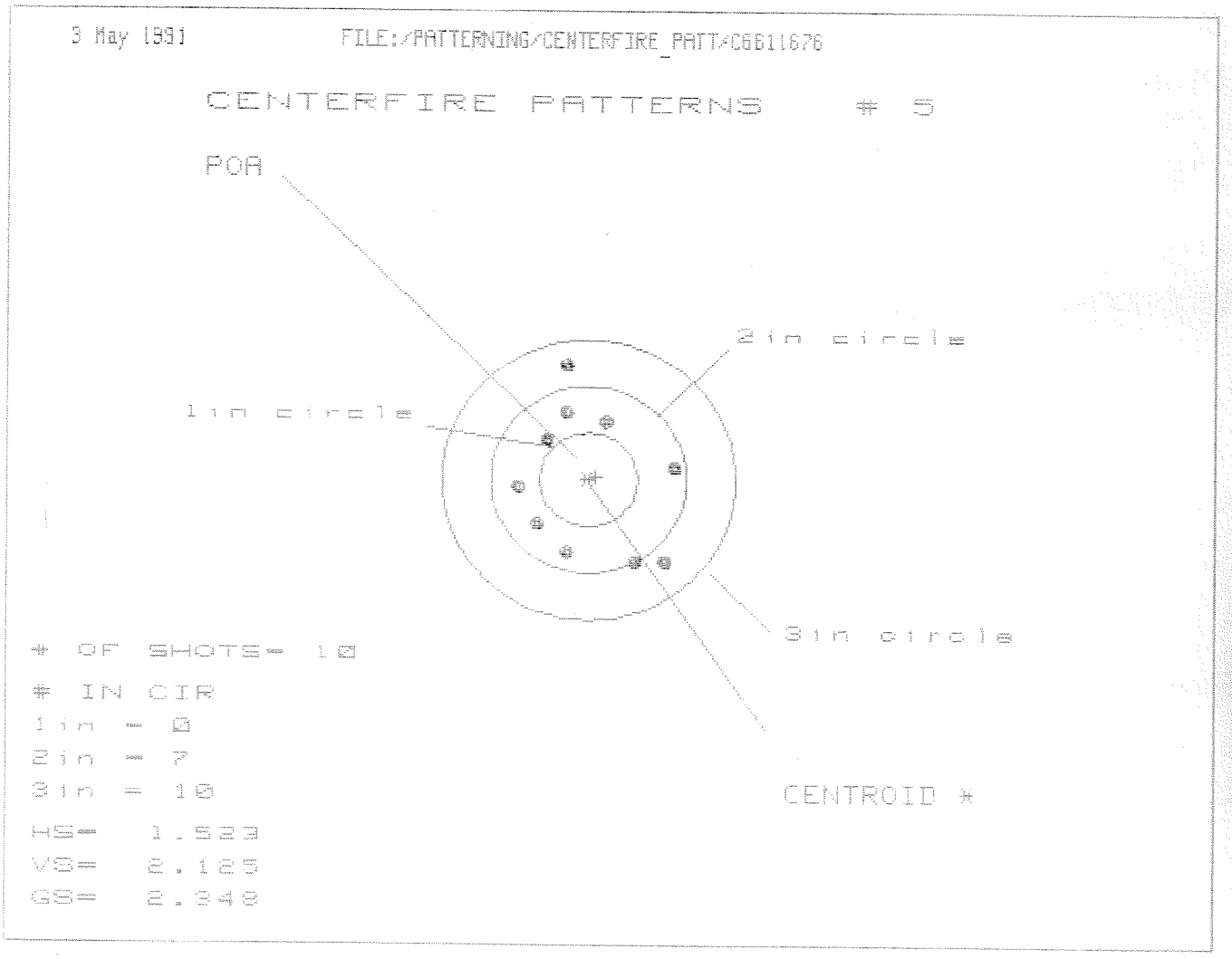
HS= 2.547
VS= 2.806
CS= 2.933

PATTERN # : 3

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.240	1.196	1.076
MINIMUM X	:	-1.306	-1.351	-1.471
MAXIMUM Y	:	1.555	.908	.773
MINIMUM Y	:	-1.251	-1.078	-.449
CENTROID X	:	-.020	.024	.144
CENTROID Y	:	-.067	-.240	-.105
POA TO CENTROID in.	:	.070	.241	.179
MIN RADIUS	:	.398	.220	.352
MEAN RADIUS	:	.975	.868	.792
MAX RADIUS	:	1.606	1.501	1.476
HORIZONTAL SPREAD	:	2.547	2.547	2.547
VERTICAL SPREAD	:	2.806	1.986	1.222
EXTREME SPREAD	:	2.933	2.933	2.700
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.395	1.366	1.175
MINIMUM X	:	-1.502	-1.531	-1.315
MAXIMUM Y	:	1.055	.855	.715
MINIMUM Y	:	-1.797	-1.160	-1.300
CENTROID X	:	.077	.106	.297
CENTROID Y	:	.089	.289	.429
POA TO CENTROID in.	:	.118	.307	.522
MIN RADIUS	:	.140	.068	.270
MEAN RADIUS	:	1.100	.971	.854
MAX RADIUS	:	1.815	1.897	1.497
HORIZONTAL SPREAD	:	2.897	2.897	2.490
VERTICAL SPREAD	:	2.852	2.015	2.015
EXTREME SPREAD	:	3.050	3.050	2.691
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.841	.814	.906
MINIMUM X	:	-.682	-.709	-.617
MAXIMUM Y	:	1.225	.863	.767
MINIMUM Y	:	-.900	-.764	-.852
CENTROID X	:	-.076	-.049	-.141
CENTROID Y	:	-.028	-.164	-.068
POA TO CENTROID in.	:	.081	.171	.156
MIN RADIUS	:	.588	.659	.578
MEAN RADIUS	:	.850	.805	.753
MAX RADIUS	:	1.248	1.058	1.027
HORIZONTAL SPREAD	:	1.523	1.523	1.523
VERTICAL SPREAD	:	2.125	1.627	1.619
EXTREME SPREAD	:	2.348	1.913	1.787
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

RECEIVING AND ESTIMATING REPORT

COMMENTS: ATTN: FRED MARTIN M-24

ORDER: R 94-03639

INITIAL	CUSTOMER ORDER NO.
FPS	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
08/15/94	08/15/94	CL 4-91	C6611676		700 7.62 NATO

ACCESSORIES: W/STUDS HARD CASE SCOPE BASE W/SWIVELS

FROM:

US ARMY ARDEC
ATTN JOHN BUCH BLDG 91
PO #94V0672
PICATINNY ARSENAL NJ 07806

SHIP TO:

US ARMY ARDEC
ATTN JOHN BUCH BLDG 91
PO #94V0672
PICATINNY ARSENAL NJ 07806

CUST NO:087399 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE	PROM. DATE	ESTIMATED	VIA
		☐			R467200367

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: Weapon will Not Eject Rounds

PARTS

COMMENTS: Could find no problem with [redacted] Extracting or Ejecting Rounds.

W52H094548#326

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW		✓	✓		
GALLERY TESTER	**DATE**	**DATE**	**DATE**	**DATE**	**DATE**
RW		9/15/94	9/15/94		

OFFICE COPY

RD6925 REV. 1/94

MAINTENANCE REQUEST

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

PAGE NO	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL
1	1	CSGLD - 1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NO.	WESDC	ORG. PD	PD AUTHENTICATION
		4W	07	Richard A Berthiaume

☒ Work Request ☐ MWO ☐ Warranty Claim	1A. ORGANIZATION	B. LOCATION	C. UNIT IDENT CODE
	CO B 3/172nd INF (MIN)	BREWER,ME 04412-1739	WW49B0

2. SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER
06611676	RIFLE 7.62mm	R95387	M24	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
DEPOT	D	7	Y	A					

14. FAILURE DETECTED DURING *(Select one - use ✓ or X)*

[ ] A Sch. Main.	[ ] C Test	[ ] E Storage	[ ] G Flight
[ ] B Handling	[X] D Normal Op	[ ] F Inspection	[ ] H Other

15. FIRST INDICATION OF TROUBLE *(Select one - use ✓ or X)*

[ ] 066 Inoperative	[ ] 258 Overheating	[ ] 790 Out of Adjustment
[ ] 008 Noisy	[X] 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 EJECT ROUNDS

WEAPON SHIPPED WITH AIR DROP CASE

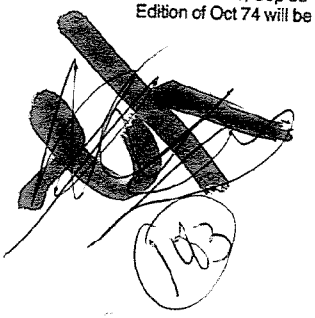
UNIT TELEPHONE # (207) 989-7450 POC at THIS UNIT IS SFC JARED SMITH

B. REMARKS

PREPARATION INSTRUCTIONS *(Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)*

1. Place a " ✓ " or an "X" in the box for the type of action required.
2. Enter the WESDC if the item is Materiel Condition Status Reportable.
3. Enter the priority designator as determined from the urgency of need and force activity designator.
4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08.
5. *Block 1A.* Enter the name of the organization submitting the request.
6. *Block 1B.* Enter the unit submitting the request; units overseas enter APO only.
7. *Block 1C.* Enter the unit identification code of the unit in block 1A.
8. *Block 2.* Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number.
9. *Block 3.* Enter the noun abbreviation of the item.
10. *Block 4.* Enter the item line number, if applicable.
11. *Block 5.* Enter the model number.
12. *Block 6.* Enter the National Stock Number of the item listed in Block 3.

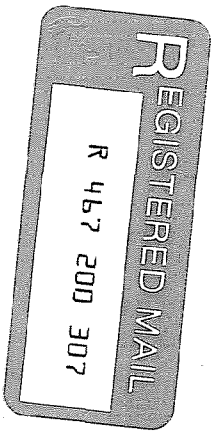
DA Label 18-1, Sep 83
Edition of Oct 74 will be used until exhausted.



DEPARTMENT OF THE ARMY
FROM:
U.S.ARMY/ARDEC
PICATINNY ARSENAL,N.J.07806
OFFICIAL BUSINESS
DR-DAR-PSL-MAS
PSL-SA 1568

TO-
REMINGTON ARMS COMPANY INC.
14 HOEFLER AVE
ILION,NY.13357
ATTN:FRED MARTIN
W15BW9-4221-8001XXX

REGISTERED MAIL



23. SUBMITTED BY	24. RECEIVED BY
R Berthiaume	
JULIAN DATE	JULIAN DATE
4214	

DA FORM 2407, AUG 88 — EDITION OF MAY 81 MAY BE USED — RECEIPT COPY 1

MAINTENANCE REQUEST

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

PAGE NO.	NO. OF PAGES	REQUIREMENTS CONTROL SYMBOL
1	1	CSGLD - 1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER	WORK ORDER NO.	WESDC	ORG. PD	PD AUTHENTICATION
		4AN	07	Roland R Berthiaume

- [x] Work Request
- [ ] MWO
- [ ] Warranty Claim

1A. ORGANIZATION	B. LOCATION	C. UNIT IDENT CODE
CO B 3/172nd INF (MTN)	BIRMER, ME 04412-1735	WA49E0

2. SERIAL NO.	3. NOUN NOMENCLATURE	4. LINE NO.	5. MODEL	6. NATIONAL STOCK NUMBER
C6611676	RIFLE 7.62mm	R95387	M24	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
DEPOT	D	7	Y	A					

14. FAILURE DETECTED DURING *(Select one - use ✓ or X)*

- [ ] A Sch. Main.
- [ ] B Handling
- [ ] C Test
- [x] D Normal Op
- [ ] E Storage
- [ ] F Inspection
- [ ] G Flight
- [ ] H Other

15. FIRST INDICATION OF TROUBLE *(Select one - use ✓ or X)*

- [ ] 068 Inoperative
- [ ] 008 Noisy
- [ ] 258 Overheating
- [x] 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).*

WEAPON WILL NOT EJECT ROUNDS

WEAPON SHIPPED WITH AIR DROP CASE

UNIT TELEPHONE # (907) 989-7450 POC at THIS UNIT IS SFC JARED SMITH

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. (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
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$
					.				$

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	24. RECEIVED BY	25. WORK STARTED BY	26. INSPECTED BY	27. ACCEPTED BY
R Berthiaume				
JULIAN DATE 4214	JULIAN DATE	JULIAN DATE	JULIAN DATE	JULIAN DATE

28. DISPOSITION *(Select One)*

- [ ] A To User
- [ ] B To Stock
- [ ] C Salvaged
- [ ] D Evacuated
- [ ] E Cannibalization

DA FORM 2407, AUG 88 EDITION OF MAY 81 MAY BE USED CONTROL COPY 3