

C6498774

NS

TM

	
RECORDS CONTROL SCHEDULE	
RECORDS CATEGORY OR TITLE: [REDACTED]	
COPY "O" (OFFICIAL) ☐ "X" (EXTRA) ☒	
TOTAL RETENTION: [REDACTED]	
GS-11050 Rev. 8/78	

C6498774

NS

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

BARBER - M24 0007432
RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-12356

INITIAL
RLP

CUSTOMER ORDER NO.

W/SCOPE

Scope # 89-1400

DATE RECEIVED
06/07/99

DATE OPENED
06/09/99

DATE CODE

SERIAL NUMBER
C6498774

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

FROM:

TRANSPORTATION OFFICER
4525 CAMP HALE ROAD
FORT DRUM

NY 13602

SHIP TO:

TRANSPORTATION OFFICER
4525 CAMP HALE ROAD
FORT DRUM

NY
13602

CUST NO: 210736 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

BOLT ASSY.

B3

BARREL ASSY.

B4

REC. ASSY.

B5

D1

D2

E1

E2

E3

E4

E5

E6

WOOD

C1

C2

C3

C4

C5

C6

METAL

MAIN FAULT

PARTS

COMMENTS

Barrel - 96003

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0007432 M240007471

BARBER - M24 0007433

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6498774
17 Aug 1999

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .023
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0234
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .032811

THE AMR FOR THIS RIFLE IS: 1.001

CENTROIDAL DISTANCES

Ø TO	1	.303898
1 TO	2	.388388
1 TO	3	.552414
1 TO	4	.361411
1 TO	5	.558519

$$\begin{array}{c} 3 \\ 4 \end{array} + \begin{array}{c} 2 \\ 5 \\ 1 \end{array} \leftarrow \text{POA}$$

BARBER - M24 0007434

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .379

MIN RADIUS : .550

MEAN RADIUS : 1.192

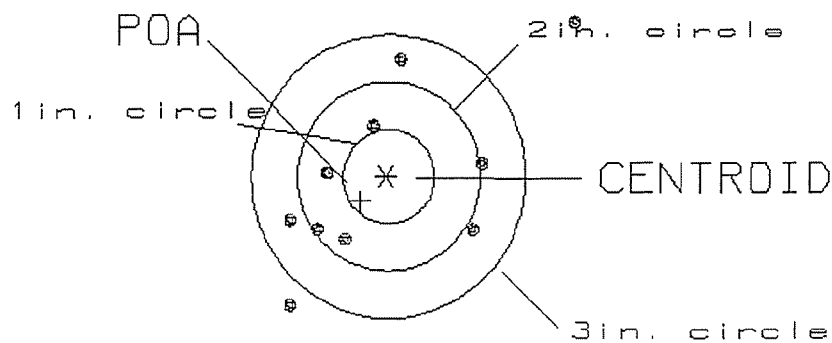
MAX RADIUS : 2.660

CENTROID X : .275

CENTROID Y : .261

17 Aug 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498774

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 3.15

0

VS= 3.01

4

GS= 4.33

6

BARBER - M24 0007435

REMINGTON CENTERFIRE ACCURACY TEST

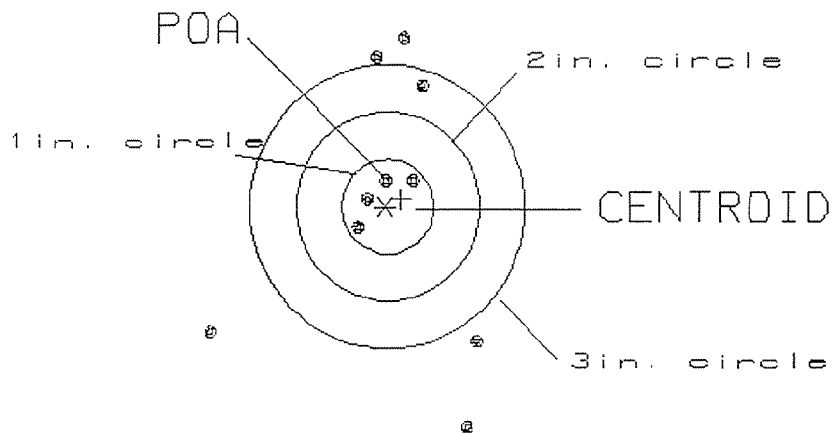
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 2

POA TO CENTROID: .195
MIN RADIUS : .245
MEAN RADIUS : 1.248
MAX RADIUS : 2.425
CENTROID X : -.178
CENTROID Y : -.080

17 Aug 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498774

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 2.95
VS= 4.03
GS= 4.07

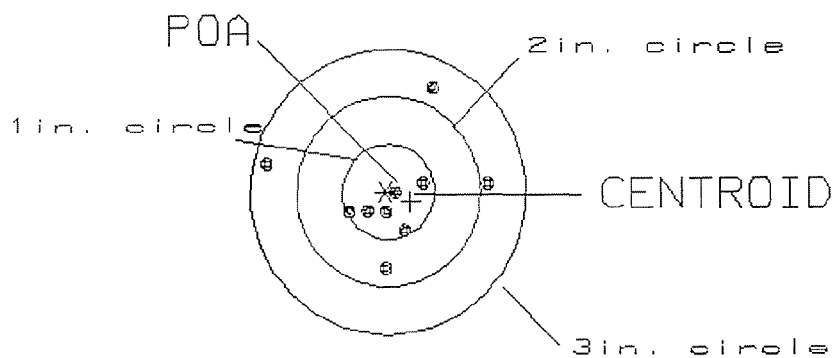
4
4
5

PATTERN #: 3
 POA TO CENTROID: .294
 MIN RADIUS : .047
 MEAN RADIUS : .629
 MAX RADIUS : 1.365
 CENTROID X : -.275
 CENTROID Y : .104

17 Aug 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498774

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.37

6

VS= 1.91

7

GS= 2.38

10

BARBER - M24 0007437

REMINGTON CENTERFIRE ACCURACY TEST

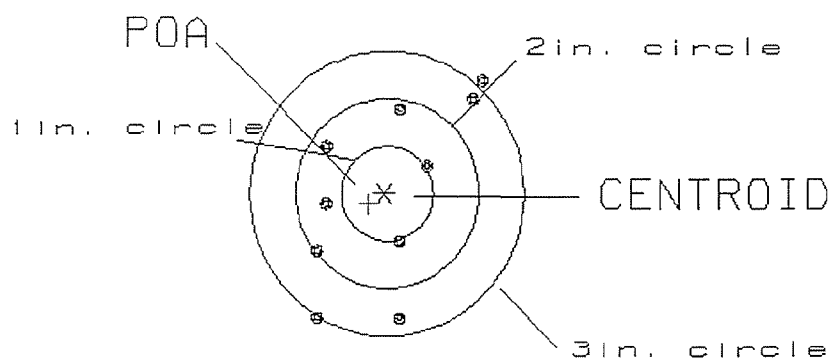
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .200
MIN RADIUS : .489
MEAN RADIUS : 1.007
MAX RADIUS : 1.568
CENTROID X : .168
CENTROID Y : .109

17 Aug 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498774

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 1.80
VS= 2.52
GS= 3.10

1
6
3

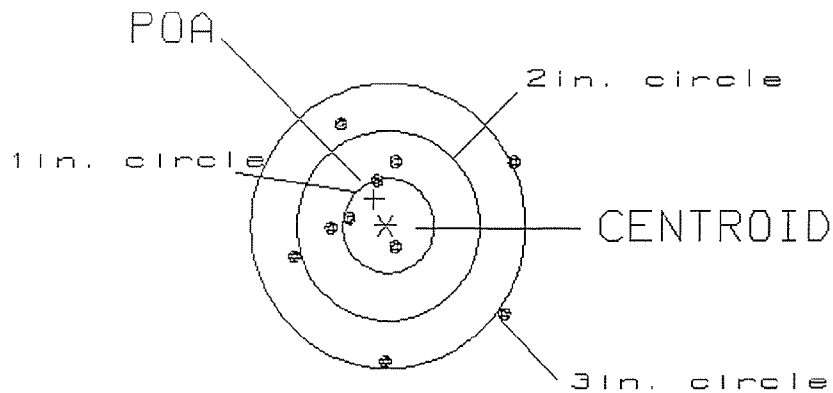
PATTERN #: 5

POA TO CENTROID: .304
MIN RADIUS : .280
MEAN RADIUS : .931
MAX RADIUS : 1.572
CENTROID X : .125
CENTROID Y : -.277

17 Aug 1999

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6498774

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.41

3

VS= 2.43

5

GS= 2.68

8

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6498774

LOG IN DATE: 6/7/99		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	6-10-99	RW
560 A	RE-BARREL AT CUSTOM SHOP	6-17-99	RW
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	6-21-99	RW
605	CHECK HEADSPACE	6-21-99	RW
610	DIS-ASSEMBLE		
612	MAGNAFLUX	6-21-99	
615	ROLLMARK CALIBER	6-21-99	RW
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	8-17-99	RW
655	FINAL INSPECT	8-18-99	RW
660	PACK		

QAR INSPECTION

SHIP DATE

LEUPOLD & STEVENS, INC.MAILING: PO BOX 688
BEAVERTON OR 97075-0688
(503) 646-9171SHIPPING: 14400 NW GREENBRIER PARKWAY
BEAVERTON OR 97006-5934
FAX (503) 526-1455

TELEX 15-1227

MAIL REMITTANCE IN U.S.
FUNDS TO:**LEUPOLD & STEVENS, INC.**
PO BOX 4985
BEAVERTON OR 97076-4985 USA**B** REMINGTON ARMS CO., INC.
I Attn:
L 14 HOEFLER AVE.
L ILION NY 13357**S** REMINGTON ARMS CO., INC.
H Attn:
I 14 HOEFLER AVE.
P ILION NY 13357**T**
O**T**
O

Invoice No. 0181494	Date 07/09/99	Type of Service WARRANTY	Via
1 ea ULTRA M3A-10X S/N# 891400 Complaints/Requests WARRANTY- INSPECTION Service Activity: REBUILT/REWORKED ADJUSTMENTS			Charge SHIPPING & HANDLING AMOUNT DUE NO CHG

For Customer Use Only:

Charge/Debit Card Payment: ☐ Visa ☐ Master Card Card # _____

Expiration Date: _____ Signature: _____

VALUE FOR CUSTOMS PURPOSES ONLY \$ _____ THESE COMMODITIES ARE EXITING THE U.S.A. UNDER GENERAL LICENSE _____
"THESE COMMODITIES LICENSED BY THE UNITED STATES FOR ULTIMATE DESTINATION USA DIVERSION CONTRARY TO
UNITED STATES LAW PROHIBITED."EXPORTER/MANUFACTURER: LEUPOLD & STEVENS INC.
PLACE: BEAVERTON, OREGON USA

ECCN: 0A987

SIGNATURE: _____
NAME: _____ EXPORT/INVOICING SPECIALIST

I.D. 93-0372974

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-11044

INITIAL CUSTOMER ORDER NO.

M-24 SNIPER W/BI-POD

JJM

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

04/24/96

04/24/96

KP 5-95

C6498774

700 7.62

NATO

ACCESSORIES

SCOPE BASE

FROM:

SHIP TO:

DEPT OF THE ARMY
DIRECTOR OF LOGISTICS
3 NASH BLVD.
FORT DRUM
NY 13602

DEPT OF THE ARMY
DIRECTOR OF LOGISTICS
3 NASH BLVD.
FORT DRUM
NY 13602

CUST NO: 101483 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

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

Stock is cracked by Rear Grip

W52 #096 125 H543

PARTS

COMMENTS

Stock - 96018

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 0007441

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

DEPARTMENT OF THE ARMY
DIR OF LOGISTICS
3 NASH BLVD
FORT DRUM NY 13602-5095

OFFICIAL BUSINESS

REMINGTON ARMS CO
14 HOEFLER AVE
ILION, NY 13357

MAINTENANCE REQUEST For use of this form, see PAM 738-750; the proponent agency is DCSLOG				PAGE NO.	NO. OF PAGES	REQUIREMENT CONTROL SYMBOL	CONTROL NUMBER
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER W.H.N.K.T.O		1b. CUSTOMER UNIT NAME HHC 3-14 INF		1c. PHONE NO. 2-7942		3a. WORK ORDER NUMBER (WON)	
2a. IF INTRANSIT CUSTOMER, ENTER DATA IN BLOCKS 2b. AND 2c.		2b. SAMS-2 UIC		2c. UTILIZATION CODE		3b. SHOT 3c. PHONE NO.	
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE	6. ID	7. NSN 1005012402136		15. FAILURE DETECTED DURING (Select one - use / or X) ☒ A Scheduled Maintenance ☐ B Handling ☐ C Test ☐ D Normal Op ☐ E Storage ☐ F Inspection ☐ G Flight ☐ H Calibration			
8. MODEL M-24				16a. MILES/KILOMETERS (enter / or X) MI / KM			
9. NOUN 7.62 mm SNIPER WEAPON SYSTEM				16b. HOURS			
10a. ORG WON		10b. EIC		16c. ROUNDS		17. PROJECT CODE (if assigned)	
11. SERIAL NUMBER C6498774		12. QTY 1		13. PD		18. ACCOUNT PROCESSING CODE	
14. Malfunction description (for DSU/GSU use)				19. IN WARRANTY? (enter Y or N)			
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) STOCK HAS CRACK AT REAR GRIP				20. LEVEL OF WORK (Select one - use / or X) ☐ O Unit Level ☐ H Intermediate ☐ I General Spt ☐ J Special Repair Activity ☐ F Direct Spt ☐ D Depot			
24a. REMARKS				21. BUMPER NO./TAIL NO.			
				22. REIMBURSABLE CUSTOMER? (if Intransit Customer, enter Y or N)			
				23. PD AUTHENTICATING SIGNATURE (Payroll Signature)			
PREPARATION INSTRUCTIONS FOR THIS PAGE Put in Box							
SECTION I (1) Block 1a. Enter UIC of submitting organization. (2) Block 1b. Enter name of submitting organization. (3) Block 1c. Enter number to be called when maintenance is completed. (4) Block 2b. Enter UIC of supporting SAMS-2 if work is requested while in-transit and away from your support maintenance unit. (5) Block 2c. Enter equipment utilization code under which Materiel Condition Status is reported. See SAMS Codes and Tables.				SECTION III (cont'd) (11) Block 14. Leave Blank. (12) Block 15. Select one. Use a / or X to indicate when failure was detected. (13) Block 16. Enter the accumulated usage data in block 16a through 16c, when equipment is subject to usage reporting. (14) Block 17. Enter the project code if one has been assigned. If not, leave blank. (15) Block 18. Leave blank (for DSU/GSU use.) (16) Block 19. Enter a "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. (17) Block 20. Select one. Use a / or X to indicate the level of work to be performed on equipment submitted. See SAMS Codes and Tables. (18) Block 21. Enter the bumper number or admin number assigned for property control purposes to the equipment being submitted. (19) Block 22. Leave blank (for DSU/GSU use.) (20) Block 23. Enter the payroll signature of the CO or the CO's designated representative when the priority designator is 01 - 10. For priority designators 11 - 15, leave blank. (21) Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maintenance. (22) Block 24a. Self-explanatory.			
SECTION II Leave blank. To be completed by the support maintenance DSU/GSU.							
SECTION III (1) Block 5. Enter the Type Maintenance Request Code. See SAMS Codes and Tables. (2) Block 6. Enter ID associated with block 7. See SAMS Codes and Tables. (3) Block 7. Enter the NSN or stock number of the item being submitted. (4) Block 8. Enter model of item being submitted. (5) Block 9. Enter noun/nomenclature of item being submitted. (6) Block 10a. Enter Work Order Number (WON) assigned when item submitted is reportable for MCSR. Otherwise, leave blank. (7) Block 10b. Enter EIC (left justify). (8) Block 11. Enter serial number of item being submitted. (9) Block 12. Enter the quantity of items being submitted. (10) Block 13. Enter the maintenance priority designator determined from SAMS Codes and Tables.				Block 34a. Enter signature of submitter. Block 34b. Enter Ordinal Date submitted (YYDDDD). Block 35a. Enter signature of person accepting the maintenance request. Block 35b. Enter the status. Block 35c. Enter Ordinal Date accepted (YYDDDD). Block 35d. Enter Military Time.			
34a. ACCEPTED BY		35a. ORD DATE		35b. MIL TIME			

DA FORM 5504, JUN 93

EDITION OF SEP 88 IS OBSOLETE

RECEIPT COPY 1

☆U.S. GPO 1993-338-646

MAINTENANCE REQUEST For use of this form, see PAM 738-750, the proponent agency is DCSLOG				PAGE NO.	NO. OF PAGES	REQUIREMENT CONTROL SYMBOL	CONTROL NUMBER
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER W.H.N.K.T.O		1b. CUSTOMER UNIT NAME HHC 3-4 INF		1c. PHONE NO. 2-7942		Ja. WORK ORDER NUMBER (WON)	
2a. IF INTRANSIT CUSTOMER, ENTER DATA IN BLOCKS 2b. AND 2c.		2b. SAMS-2 UIC		2c. UTILIZATION CODE		Jb. SHOP	
						Jc. PHONE NO.	
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE		6. ID		7. NSN 1,0,0,5,0,1,2,4,0,2,1,3,6			
8. MODEL M-24		15. FAILURE DETECTED DURING (Select one - use / or X) ☒ A Scheduled Maintenance Handling ☐ B Handling ☐ C Test ☐ D Normal Op ☐ E Storage ☐ F Inspection ☐ G Flight ☐ H Other Calibration					
9. NOUN 7.62 mm SNIPER WEAPON SYSTEM		10a. ORG WON		10b. EIC		15a. MILES/KILOMETERS (enter / or X) ☐ MI ☐ KM	
11. SERIAL NUMBER C,649,8,7,7,4		12. QTY 401		13. PD		16b. HOURS	
14. Malfunction description (for DSU/GSU use)				16c. ROUNDS			
				16d. LANDINGS		16e. AUTO-ROTATIONS	
				17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	
				19. IN WARRANTY? (enter Y or N)		20. LEVEL OF WORK (Select one - use / or X) ☐ O Unit Level ☐ I Intermediate ☐ F Direct Spc ☐ J Special Repair Activity	
				21. BUMPER NO./TAIL NO.		22. REIMBURSABLE CUSTOMER? (if Intransit Customer, enter Y or N)	
				23. PD AUTHENTICATING SIGNATURE (Payroll Signature)			
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs) STOCK HAS CRACK AT REAR GRIP							
24a. REMARKS							

Stock

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498 774

OP. #	OP. NAME	READINGS	DATE	INITIAL
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			
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. # BARBER - M24 0007451	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				4/25/96	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					
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clarity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection					
	A) Headspace				4/25/96	RW
	B) Trigger Pull				4/25/96	RW
	C) Function				4/25/96	RW
660	Pack					

Final Inspection

Sn: C6498774

DATE REC'D: 4/24/96

DATE RET'D:

AUDITOR: MW

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:

Remington
MODEL 700TM M24

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

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

SERIAL NO.
C6498774

ORDER NO.
5716

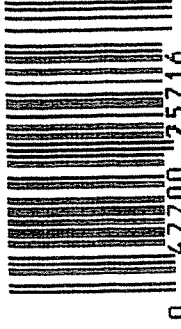
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

Q1



5716 C6498774

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6498774

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	5 9 90		RW
600	Proof	5 9 90		RW
607	Check Headspace	5 9 90		RW
610	Dis-assemble Gun	5 9 90		RW
612	Magnaflux Barrel Action	5-15-90		KER
	Magnaflux Bolt	5-15-90		KER
615	Rollmark Caliber	5-15-90		GS
617	Drill and Tap Sight Holes		5/17/90	LB
618	Polish Barrel RB		5/17/90	WB
620	Apply Coatings (Barrel Action)		5-25-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/25/90	RW
	C) Inspect Ejector Hole for Chamfer		5/25/90	RW
	D) Oil Firing Pin Ass'y		5/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6-4-90	JM

BARBER - M24 0007455								
op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	4	4	4	6-5-90	SH		
	G) Safety Off Force	2	2	2	6-5-90	SH		
	H) Trigger Pull Test & Retainability				6-4-90	SH		
	I) Firing Pin Indent	.023	.024	.024	6-5-90	SH		
	J) Assemble Stock				6/5/90	RW		
	K) Assemble Swivel Studs				6-8-90	GB		
	L) Attach Front and Rear Sight Assemblies				6/5/90	RW		
	M) Iron Sight Alignment				6/5/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				6/5/90	RW		
	O) Attach Scope to Rifle				6/5/90	WB		
	P) Detach & Attach Scope 20 Times				6/5/90	WB		
640	Gallery Target & Test				6-5-90	DH		
	A) Time				6-5-90	DH		
	B) Malfunctions				6-5-90	DH		
	C) Pierced Primers				6-5-90	DH		
	D) Optical Clarity of Scope				6-5-90	DH		
645	Inspect for Live Ammo				6-5-90	DH		
655	Final Inspection							
	A) Headspace				6-8-90	GB		
	B) Trigger Pull	219	222	224	229	226	6-8-90	GB
	C) Function						6-8-90	GB
660	Pack						6-19-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 06498774

DATE 6-4-80

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.08	2.45	2.19	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.13	2.40	2.22	
PULL #3	2.14	2.13	2.35	2.24	
PULL #4	2.24	2.46	2.47	2.29	
PULL #5	2.15	2.49	2.40	2.26	
TOTAL	11.03	11.29	12.07		
AVG.	2.206	2.258	2.414		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.37		
PULL #2	3.39	3.53		
PULL #3	3.36	3.41		
PULL #4	3.45	3.47		
PULL #5	3.32	3.24		
TOTAL	16.95	17.02		
AVG.	3.39	3.404		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.21		4.28
PULL #2	4.22	4.18		4.20
PULL #3	4.20	4.20		4.21
PULL #4	4.18	4.12		4.17
PULL #5	4.21	4.18		4.21
TOTAL	21.16	20.89		21.07
AVG.	4.232	4.178		4.214

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06498774
6 Jun 1990

CENTROIDAL DISTANCES

0 TO	1	.026
1 TO	2	.10448
1 TO	3	.196644
1 TO	4	.283805
1 TO	5	.242405

$\frac{4}{5}$ <----POA

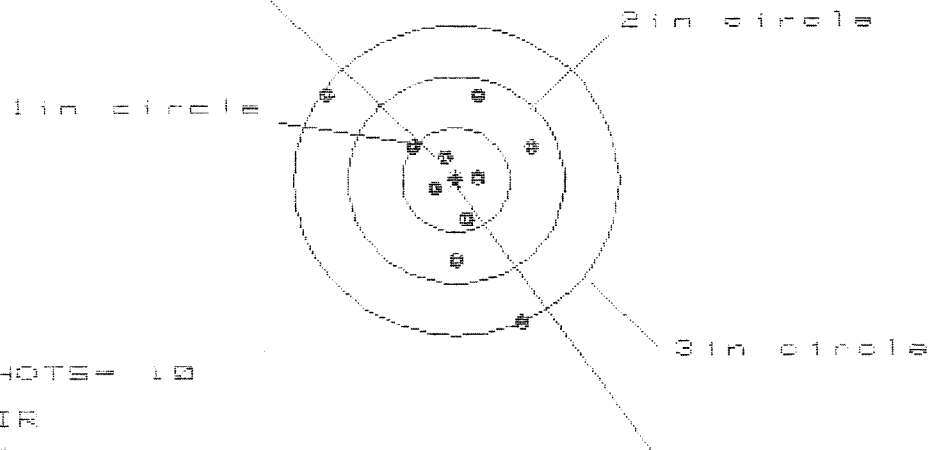
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0182
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0094
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0204841
THE AMR FOR THIS RIFLE IS: .7758

6 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/CG49B774

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS= 10

IN CIR

1in = 4

2in = 8

3in = 9

HS= 1.948

VS= 2.228

GS= 2.881

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.717	.580	.639
MINIMUM X	-1.232	-.562	-.503
MAXIMUM Y	.868	.891	.733
MINIMUM Y	-1.360	-1.264	-.851
CENTROID X	.000	.137	.078
CENTROID Y	-.026	-.122	.036
FOR TO CENTROID in.	.026	.184	.086
MIN RADIUS	.185	.182	.157
MEAN RADIUS	.702	.617	.498
MAX RADIUS	1.507	1.350	.856
HORIZONTAL SPREAD	1.948	1.142	1.142
VERTICAL SPREAD	2.228	2.155	1.584
EXTREME SPREAD	2.891	2.192	1.600
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	9		

6 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/0649B774

CENTERFIRE PATTERNS # 2

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS = 10

IN CIR

1in = 4

2in = 8

3in = 10

HS = 1.716

VS = 2.259

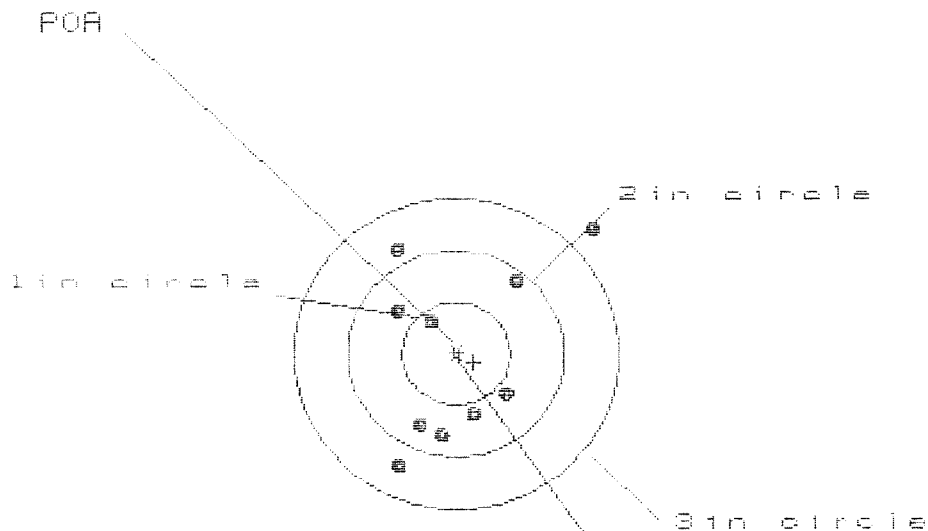
GS = 2.260

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.624	.637	.502
MINIMUM X	:	-1.092	-1.079	-.403
MAXIMUM Y	:	.874	.720	.756
MINIMUM Y	:	-1.385	-.612	-.576
CENTROID X	:	-.010	-.023	.112
CENTROID Y	:	-.130	.024	-.012
POA TO CENTROID in.	:	.130	.033	.112
MIN RADIUS	:	.299	.352	.402
MEAN RADIUS	:	.691	.604	.528
MAX RADIUS	:	1.390	1.118	.759
HORIZONTAL SPREAD	:	1.716	1.716	.905
VERTICAL SPREAD	:	2.259	1.332	1.332
EXTREME SPREAD	:	2.260	1.737	1.337
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

6 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6498774

CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 9

HS = 1.005

VS = 2.336

ES = 2.893

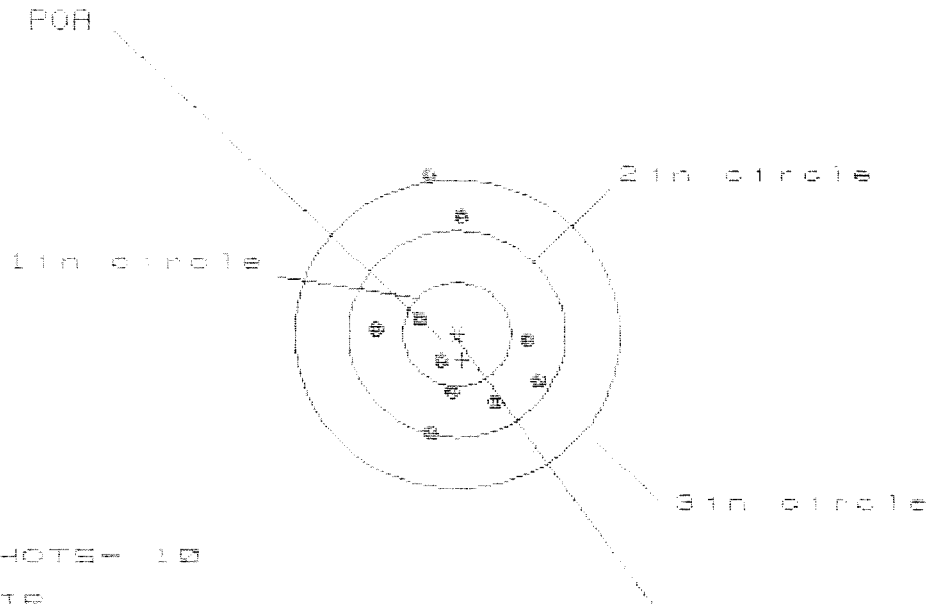
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.219	.674	.630
MINIMUM X	:	-.586	-.451	-.495
MAXIMUM Y	:	1.230	1.128	1.007
MINIMUM Y	:	-1.106	-.969	-.740
CENTROID X	:	-.163	-.298	-.254
CENTROID Y	:	.084	-.053	.068
FOR TO CENTROID in.	:	.183	.303	.263
MIN RADIUS	:	.378	.426	.334
MEAN RADIUS	:	.882	.759	.725
MAX RADIUS	:	1.732	1.188	1.090
HORIZONTAL SPREAD	:	1.805	1.125	1.125
VERTICAL SPREAD	:	2.336	2.097	1.747
EXTREME SPREAD	:	2.893	2.104	1.781
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Jun 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08498774

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 1.552

VS= 2.526

GS= 2.526

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.782	.759	.760
MINIMUM X	:	-.770	-.793	-.792
MAXIMUM Y	:	1.568	1.370	.514
MINIMUM Y	:	-.958	-.784	-.613
CENTROID X	:	-.052	-.029	-.030
CENTROID Y	:	.253	.079	-.092
POA TO CENTROID in.	:	.259	.085	.097
MIN RADIUS	:	.346	.239	.215
MEAN RADIUS	:	.806	.681	.560
MAX RADIUS	:	1.581	1.370	.879
HORIZONTAL SPREAD	:	1.552	1.552	1.552
VERTICAL SPREAD	:	2.526	2.154	1.127
EXTREME SPREAD	:	2.526	2.167	1.619
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

6 Jun 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06498774

CENTERFIRE PATTERNS

5

POA

1in circle

2in circle

3in circle

CENTROID +

OF SHOTS= 10

IN CIR

1in = 1

2in = 8

3in = 10

HS= 1.762

VS= 1.649

GS= 2.058

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.846	.776	.865
MINIMUM X	-.916	-.986	-.889
MAXIMUM Y	.858	.737	.677
MINIMUM Y	-.791	-.695	-.755
CENTROID X	.134	.204	.107
CENTROID Y	-.228	-.324	-.254
POA TO CENTROID in.	.265	.383	.285
MIN RADIUS	.405	.451	.368
MEAN RADIUS	.798	.757	.734
MAX RADIUS	1.067	.997	.893
HORIZONTAL SPREAD	1.762	1.762	1.754
VERTICAL SPREAD	1.649	1.432	1.432
EXTREME SPREAD	2.058	1.905	1.754
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

DA FORM 2404
1 APR 79

Replaces edition of 1 Jan 64, which will be used

Final Inspection

In: C6498774

DATE REC'D: 6/09/94

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: _____

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 06498774

DATE 6/23/94

TESTER Rw

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.66	2.85	2.86	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.65	2.57	2.97	2.92	
PULL #3	2.58	2.81	2.71	2.90	
PULL #4	2.58	2.84	2.95	2.81	
PULL #5	2.58	2.70	2.90	2.85	
TOTAL	12.94	13.58		14.34	
AVG.	2.59	2.72		2.87	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.19	3.17		
PULL #2	3.30	3.13		
PULL #3	3.29	3.13		
PULL #4	3.28	3.20		
PULL #5	3.24	3.17		
TOTAL	16.30	15.80		
AVG.	3.26	3.16		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.14		4.16
PULL #2	4.19	4.06		4.11
PULL #3	4.20	4.00		4.08
PULL #4	4.19	4.08		4.14
PULL #5	4.22	4.08		4.20
TOTAL	21.03	20.36		
AVG.	4.21	4.07		

RECEIPT AND ESTIMATING REPORT

COMMENTS

ORDER
R 95-14754

INITIAL CUSTOMER ORDER NO.

JJM

M-24 SNIPER

DATE RECEIVED

05/15/95

DATE OPENED

05/15/95

DATE CODE

KK 5-90

SERIAL NUMBER

C6498774

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

HARD CASE

FROM:

TRANSPORTATION OFFICER
BLDG. T-191
COR OSWEGO AVE & FIRST ST WEST
FORT DRUM NY 13602

SHIP TO:

TRANSPORTATION OFFICER
BLDG. T-191
COR OSWEGO AVE & FIRST ST WEST
FORT DRUM NY 13602

CUST NO: 098433 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.	New	E4 Barrel		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

Customer Requested New Barrel

PARTS

COMMENTS

Barrel - 96003

Repowder Coat Trigger Guard
Assy. Front & Rear Sight Bases
Reticle - Scope Base & Swivel
Studs

W52409 5T37 H227

REPAIRMAN

RW

PROOF

L

CLEAN

L

TEST

L

TARGET

L

PATTERN

GALLERY TESTER

RW

DATE

5/30/95

DATE

6/3/95

DATE

6/5/95

DATE

6/5/95

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0607488 07507

MAINTENANCE REQUEST				PAGE NO. <u>1</u>		NO. OF PAGES <u>1</u>		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		PD AUTHENTICATION															
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <u>HHC 2-14TH INB</u>		B. LOCATION <u>FT DRUM, N.Y. 13602</u>				C. UNIT IDENT CODE <u>WALUTO</u>															
2. SERIAL NO. <u>C6498774</u>		3. NOUN NOMENCLATURE <u>M24 SNIPER RIFLE</u>		4. LINE NO.		5. MODEL <u>m24</u>		6. NATIONAL STOCK NUMBER <u>1005-01-240-2136</u>															
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 ☐ 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) <u>OVER 5000 ROUNDS FIRED</u>																							
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.												13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 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																	

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.		WESDC	ORG. PD	PD AUTHENTICATION	
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>HHC 2-14th INB.</i>		B. LOCATION <i>FLTD Rm, N.Y. 13602</i>		C. UNIT IDENT CODE <i>WALVTO</i>	
2. SERIAL NO. <i>C 6498774</i>		3. NOUN NOMENCLATURE <i>M24 SNIPER RIFLE</i>		4. LINE NO.	5. MODEL <i>M24</i>	6. NATIONAL STOCK NUMBER <i>1005-01-240-3136</i>	
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 ☐ 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>OVER 5000 ROUNDS FIRED</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.	
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE				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	
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									

Final Inspection

Sn: C6498774

DATE REC'D: 5/15/95

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:

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL #

C6498774

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		5/30/95	RW
600	Proof		5/30/95	RW
607	Check Headspace		5/30/95	RW
610	Dis-assemble Gun		5/30/95	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			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		6/3/95	RW
	C) Inspect Ejector Hole for Chamfer		6/3/95	RW
	D) Oil Firing Pin Ass'y		6/3/95	RW
	E) Adjust Trigger Pull to Min Setting and Stake		6/3/95	RW

op. #	BARBER - M24 0007473 OP. NAME	READINGS	C 6498774	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			6/5/95	RW
	A) Time				
	B) Malfunctions				
	C) Pierced Primers				
	D) Optical Clarity of Scope				
645	Inspect for Live Ammo			6/5/95	RW
655	Final Inspection				
	A) Headspace			6/9/95	RW
	B) Trigger Pull				
	C) Function			6/9/95	RW
660	Pack				

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.		WESDC		ORG. PD		PD AUTHENTICATION		
☐ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <i>HHC 2-14 7044</i>		B. LOCATION <i>ST. DRUMMOND, SAU2</i>			C. UNIT IDENT CODE <i>NAWTO</i>			
2. SERIAL NO. <i>64418724</i>		3. NOUN NOMENCLATURE <i>024 10000 0191</i>		4. LINE NO. <i>024</i>		5. MODEL		6. NATIONAL STOCK NUMBER <i>105 01-240 3136</i>		
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 ☐ 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>Over 5000 hrs. & 1000</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		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					

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06498774
11 Jul 1995

CENTROIDAL DISTANCES

0 TO	1	.140186
1 TO	2	.282237
1 TO	3	.579900
1 TO	4	.217341
1 TO	5	.34892

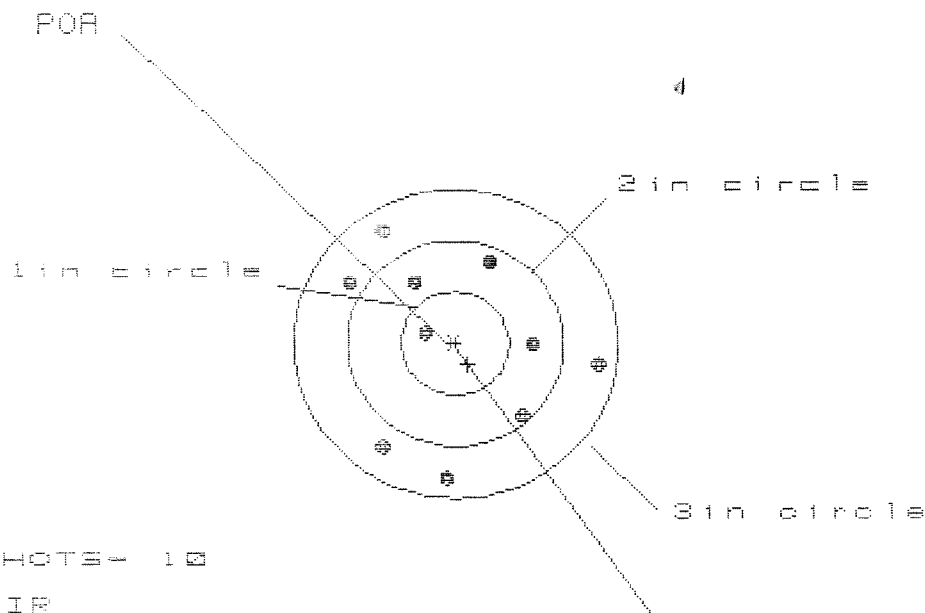
2
3 4 (----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0846
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0228
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0076185
THE AMR FOR THIS RIFLE IS: 1.064

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FILE:/PATTERNING/CENTERFIRE_PATT/08498774

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS = 2.264

VS = 2.386

GS = 2.463

CENTROID #

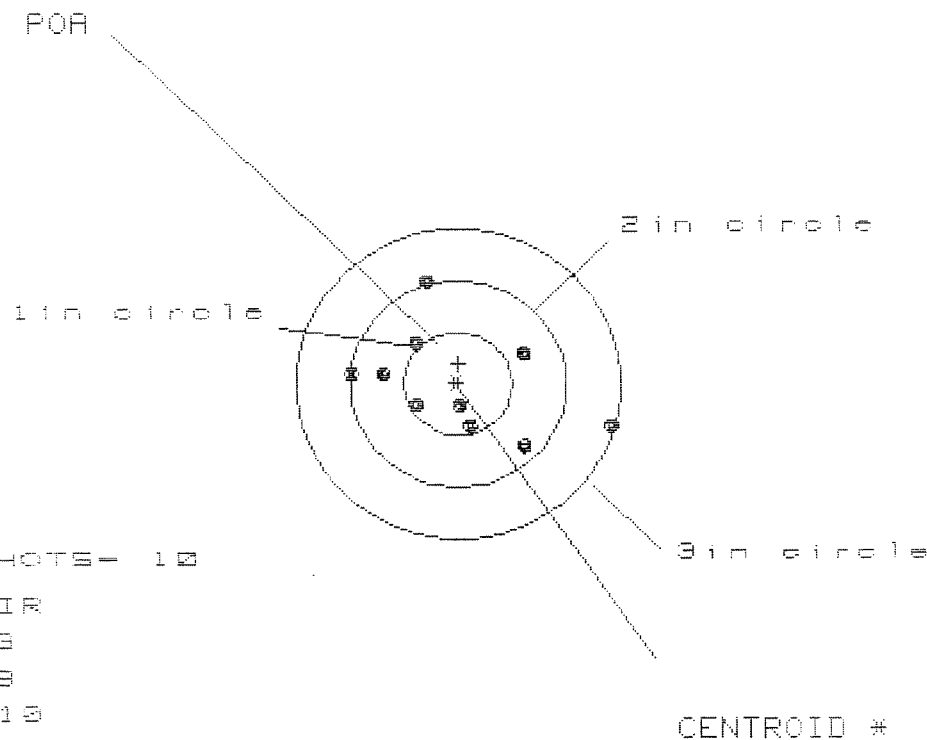
PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.333	.912	.921
MINIMUM X	-.931	-.783	-.774
MAXIMUM Y	1.062	1.040	.872
MINIMUM Y	-1.325	-1.346	-1.183
CENTROID X	-.121	-.269	-.278
CENTROID Y	.202	.224	.392
POA TO CENTROID in.	.236	.350	.480
MIN RADIUS	.308	.172	.129
MEAN RADIUS	.976	.916	.828
MAX RADIUS	1.346	1.347	1.282
HORIZONTAL SPREAD	2.264	1.695	1.695
VERTICAL SPREAD	2.386	2.386	2.055
EXTREME SPREAD	2.463	2.463	2.135
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

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CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 2.422

VS = 1.657

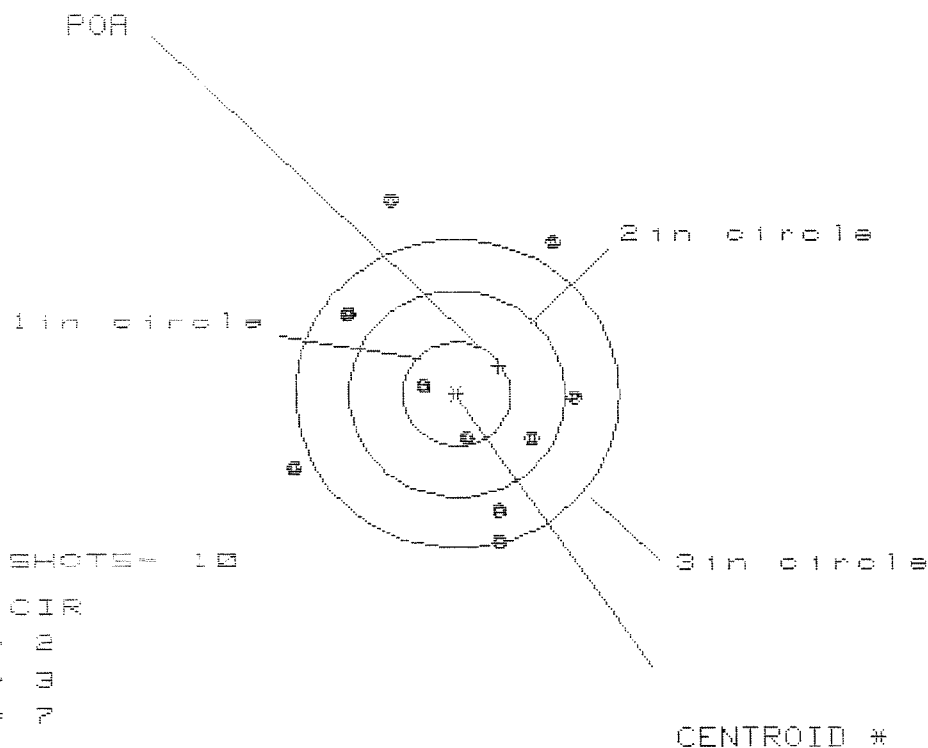
GS = 2.472

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.449	.804	.783
MINIMUM X	-.973	-.812	-.833
MAXIMUM Y	1.022	.981	.426
MINIMUM Y	-.635	-.676	-.553
CENTROID X	-.010	-.171	-.150
CENTROID Y	-.195	-.154	-.277
POA TO CENTROID in.	.195	.230	.315
MIN RADIUS	.221	.318	.212
MEAN RADIUS	.750	.646	.585
MAX RADIUS	1.496	1.050	.959
HORIZONTAL SPREAD	2.422	1.616	1.616
VERTICAL SPREAD	1.657	1.657	.980
EXTREME SPREAD	2.472	1.920	1.785
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS = 10

IN CIR

1in = 2

2in = 3

3in = 7

HS = 2.504

VS = 3.329

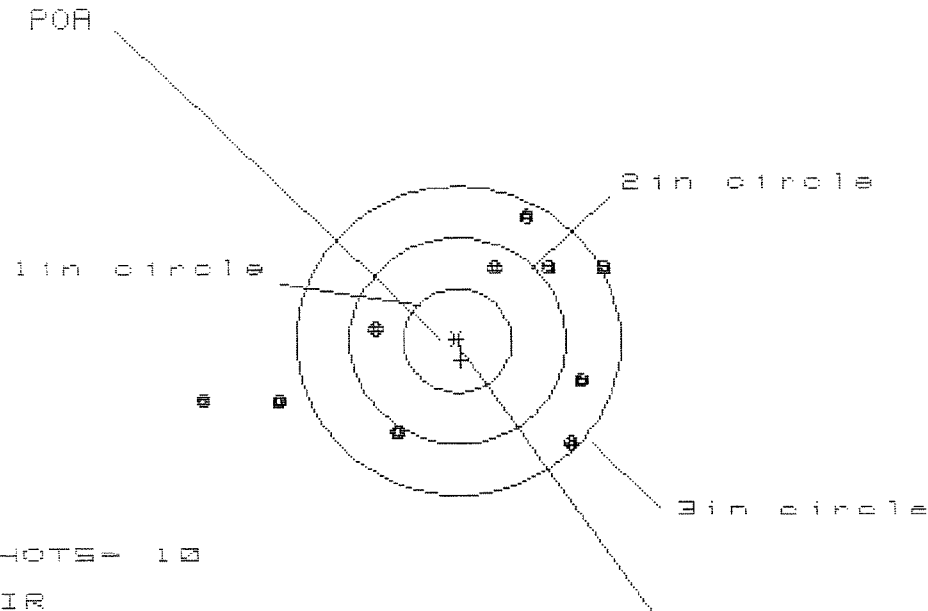
GS = 3.483

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.117	1.044	1.143
MINIMUM X	-1.487	-1.560	-1.460
MAXIMUM Y	1.900	1.648	1.154
MINIMUM Y	-1.429	-1.218	-1.012
CENTROID X	-.391	-.318	-.417
CENTROID Y	-.276	-.487	-.693
POA TO CENTROID in.	.478	.582	.809
MIN RADIUS	.313	.236	.079
MEAN RADIUS	1.200	1.069	.944
MAX RADIUS	2.010	1.830	1.543
HORIZONTAL SPREAD	2.604	2.604	2.604
VERTICAL SPREAD	3.329	2.866	2.166
EXTREME SPREAD	3.483	3.218	2.706
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	3		
NUMBER IN THREE INCH CIRCLE =	7		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 2

3 in = 8

HS= 3.644

VS= 2.114

GS= 3.859

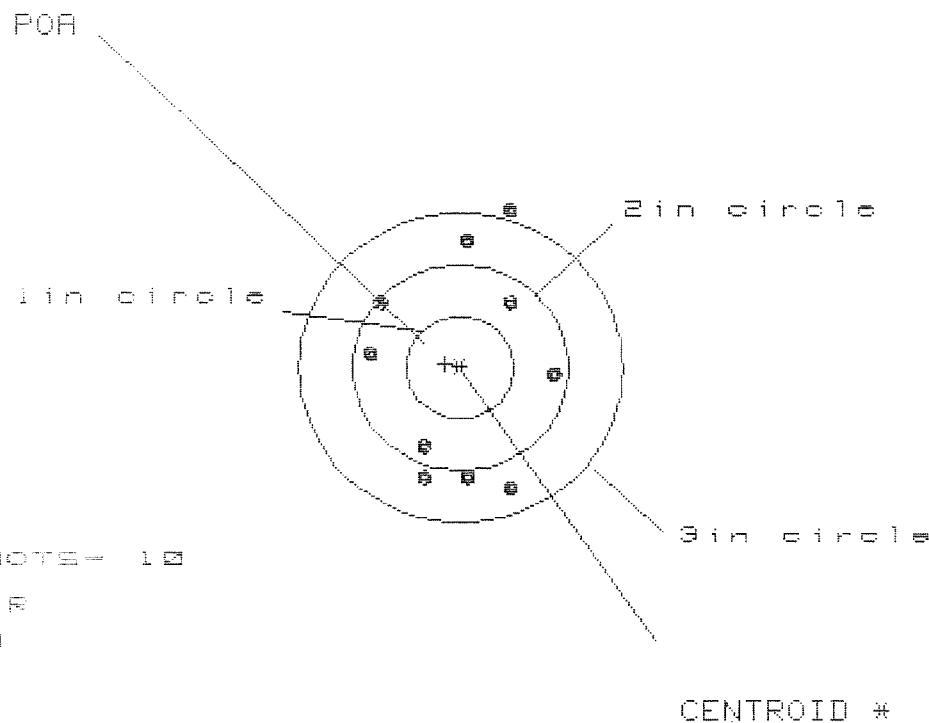
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.293	1.032	.794
MINIMUM X	-2.351	-1.900	-1.272
MAXIMUM Y	1.171	1.105	1.018
MINIMUM Y	-.943	-1.009	-1.096
CENTROID X	-.037	.224	.461
CENTROID Y	.189	.255	.342
POA TO CENTROID in.	.192	.339	.574
MIN RADIUS	.788	.688	.601
MEAN RADIUS	1.334	1.166	1.004
MAX RADIUS	2.425	2.025	1.487
HORIZONTAL SPREAD	3.644	2.932	2.066
VERTICAL SPREAD	2.114	2.114	2.114
EXTREME SPREAD	3.859	3.210	2.424
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 0

2 in = 4

3 in = 8

HS = 1.759

VS = 2.717

CS = 2.717

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.879	.926	.936
MINIMUM X	-.880	-.833	-.773
MAXIMUM Y	1.521	1.367	1.238
MINIMUM Y	-1.196	-1.027	-1.017
CENTROID X	.136	.089	.029
CENTROID Y	-.034	-.203	-.074
POA TO CENTROID in.	.140	.221	.080
MIN RADIUS	.799	.627	.721
MEAN RADIUS	1.060	.981	.959
MAX RADIUS	1.577	1.371	1.251
HORIZONTAL SPREAD	1.759	1.759	1.759
VERTICAL SPREAD	2.717	2.394	2.255
EXTREME SPREAD	2.717	2.422	2.293
NUMBER IN ONE INCH CIRCLE =	0		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	9		