C659647

MODEL 700™ M24

Model SWS™

Action

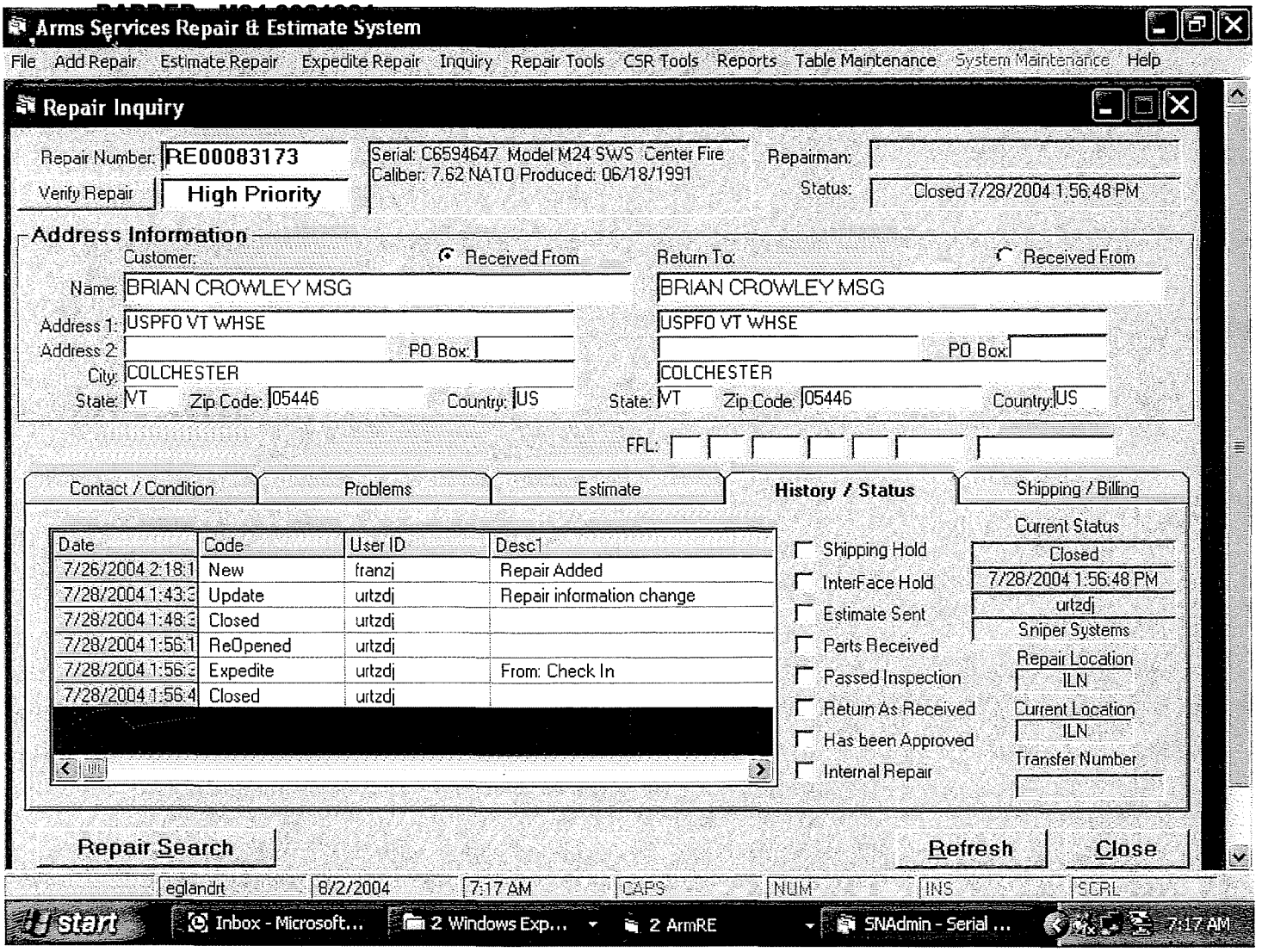
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®


Arms Services Repair & Estimate System
File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help
Repair Inquiry
Repair Number: RE00083173
Verify Repair
High Priority
Serial: C6594647 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/18/1991
Repairman:
Status: Closed 7/28/2004 1:56:48 PM
Address Information
Customer:
Received From
Name: BRIAN CROWLEY MSG
Address 1: USPFO VT WHSE
Address 2:
PO Box:
City: COLCHESTER
State: VT Zip Code: 05446 Country: US
Return To:
Received From
BRIAN CROWLEY MSG
USPFO VT WHSE
PO Box:
COLCHESTER
State: VT Zip Code: 05446 Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Date
Code
User ID
Desc1
7/26/2004 2:18:1
New
franzj
Repair Added
7/28/2004 1:43:3
Update
urtzdj
Repair information change
7/28/2004 1:48:3
Closed
urtzdj
7/28/2004 1:56:1
ReOpened
urtzdj
7/28/2004 1:56:3
Expedite
urtzdj
From: Check In
7/28/2004 1:56:4
Closed
urtzdj
Shipping Hold
InterFace Hold
Estimate Sent
Parts Received
Passed Inspection
Return As Received
Has been Approved
Internal Repair
Current Status
Closed
7/28/2004 1:56:48 PM
urtzdj
Sniper Systems
Repair Location
ILN
Current Location
ILN
Transfer Number
Repair Search
Refresh
Close
eglandrt
8/2/2004
7:17 AM
CAPS
NUM
INS
SCRL
start
Inbox - Microsoft...
2 Windows Exp...
2 ArmRE
SNAdmin - Serial ...
7:17 AM

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 7-23-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.37	2.71		2.47	
PULL #2	2.41	2.62		2.51	
PULL #3	2.86	2.29		2.37	
PULL #4	2.71	2.55		2.41	
PULL #5	2.73	2.56		2.44	
TOTAL	13.08	12.73		12.20	
AVERAGE	2.61	2.54		2.44	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.16		
PULL #2	3.42	3.43		
PULL #3	3.23	3.51		
PULL #4	3.11	3.33		
PULL #5	3.12	3.33		
TOTAL	16.31	16.76		
AVERAGE	3.26	3.35		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.20	4.18		4.05
PULL #2	4.27	4.29		3.95
PULL #3	4.46	4.15		4.47
PULL #4	4.10	4.19		4.46
PULL #5	4.29	4.19		4.33
TOTAL	21.32	21.00		21.26
AVERAGE	4.26	4.20		4.25

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6594647.__0
FILE DATE AND TIME: 08/18/2004 06:30

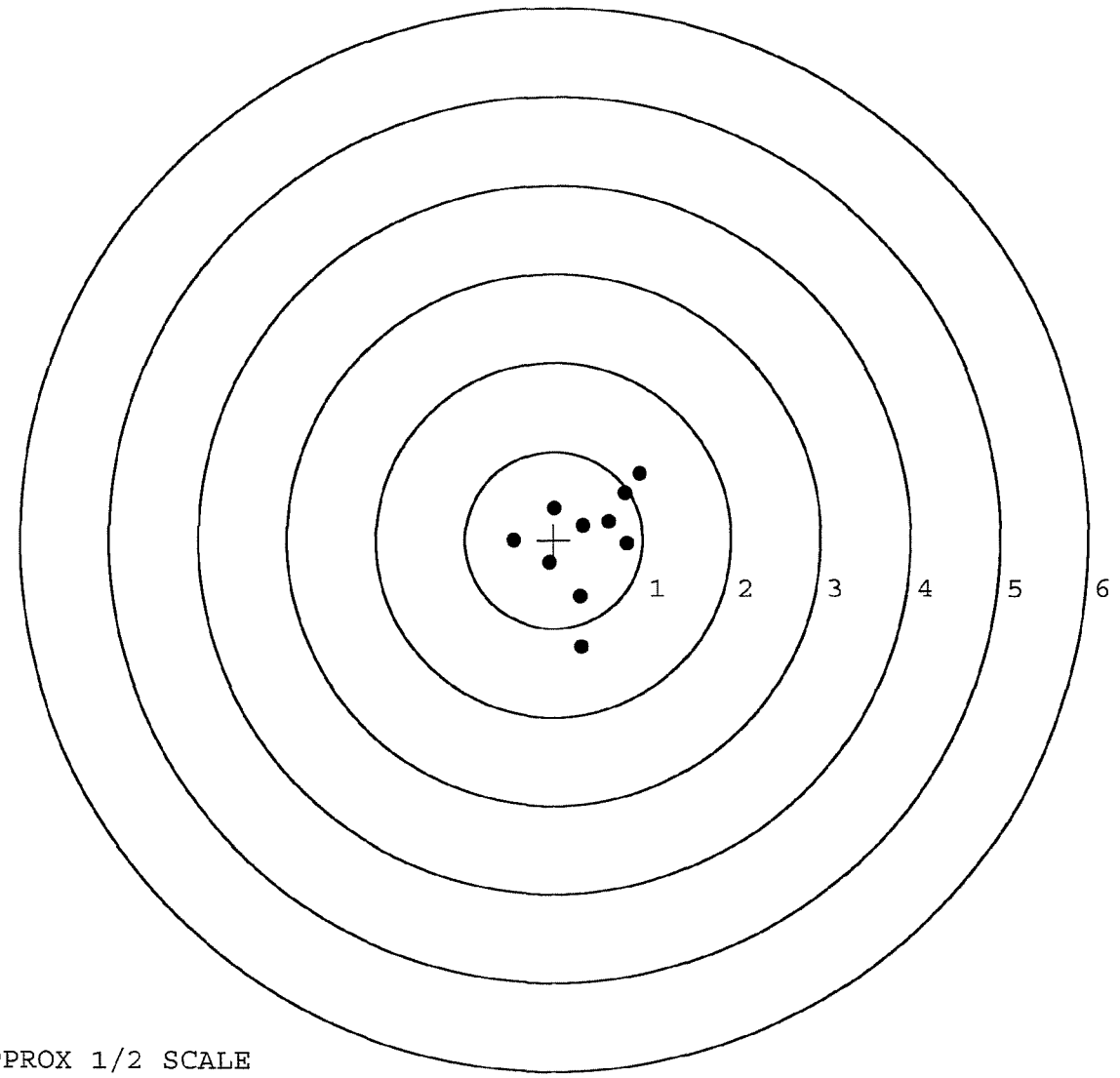
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.080
The Average Y Centroid of the Five Target Set:	0.052
The Average Point of Impact of the Five Target Set:	0.095
The Average Mean Radius of the Five Target Set:	0.674
The Distance from POA to Centroid Target #1:	0.364
The Distance from Centroid Target #2 to Centroid Target #1:	0.316
The Distance from Centroid Target #3 to Centroid Target #1:	0.285
The Distance from Centroid Target #4 to Centroid Target #1:	0.529
The Distance from Centroid Target #5 to Centroid Target #1:	0.339

SERIAL NUMBER: C6594647.__0
TARGET NUMBER: 1
FILE DATE: 08/18/2004
FILE TIME: 06:30

X CENTROID:	0.364
Y CENTROID:	-0.015
POA TO CENTROID:	0.364
HORZ SPREAD:	1.414
VERT SPREAD:	1.967
GROUP SPREAD:	2.072
MIN RADIUS:	0.186
MAX RADIUS:	1.202
MEAN RADIUS:	0.631
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.310	-1.216
2:	0.294	-0.644
3:	-0.047	-0.257
4:	-0.452	-0.013
5:	0.004	0.365
6:	0.323	0.166
7:	0.962	0.751
8:	0.825	-0.042
9:	0.797	0.529
10:	0.620	0.210

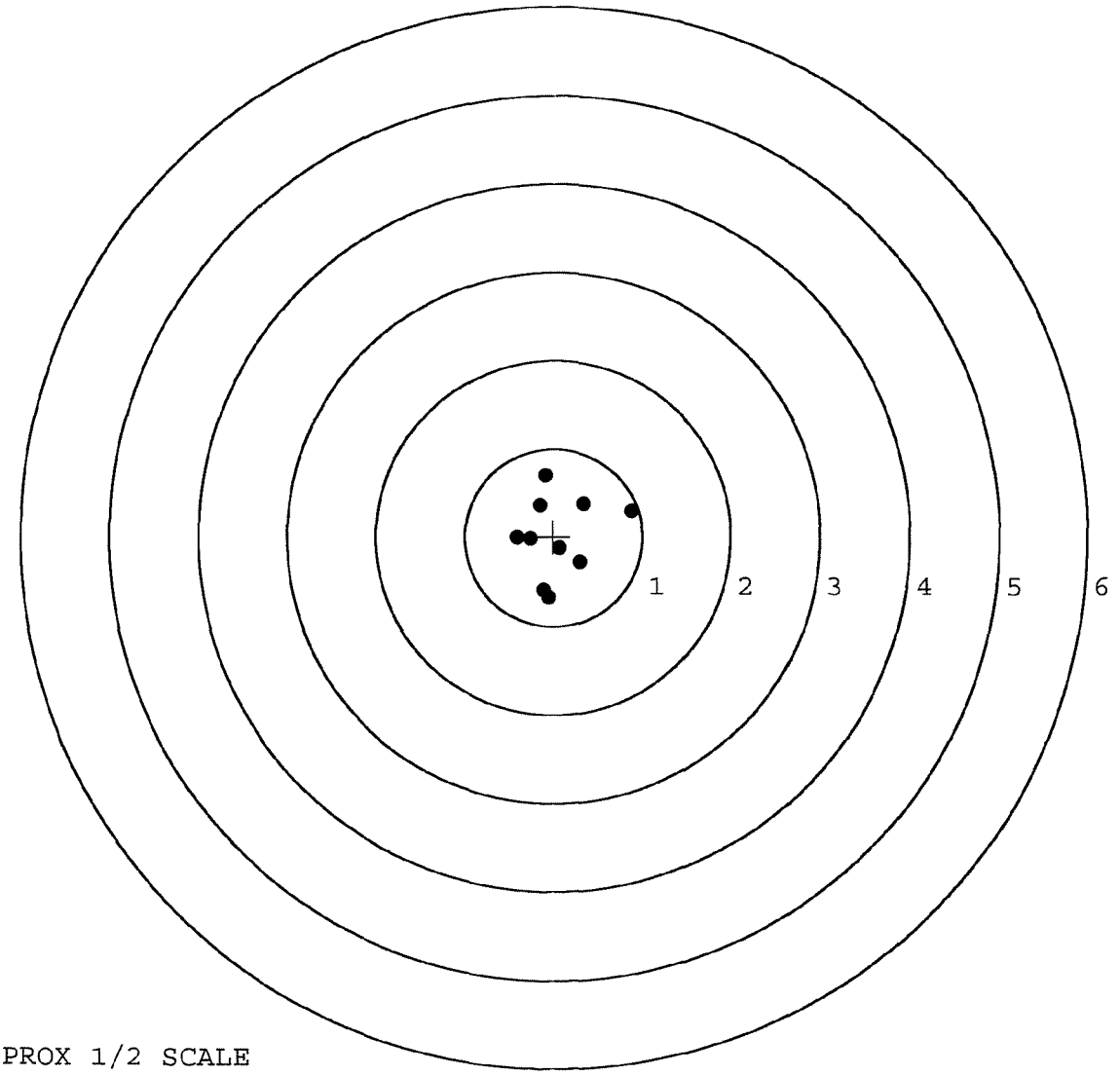


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594647.__0
TARGET NUMBER: 2
FILE DATE: 08/18/2004
FILE TIME: 06:30

X CENTROID:	0.048
Y CENTROID:	-0.001
POA TO CENTROID:	0.048
HORZ SPREAD:	1.286
VERT SPREAD:	1.385
GROUP SPREAD:	1.348
MIN RADIUS:	0.131
MAX RADIUS:	0.877
MEAN RADIUS:	0.507
# IN 1 IN DIAMETER:	6
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.875	0.290
2:	0.340	0.376
3:	-0.096	0.699
4:	-0.158	0.358
5:	-0.411	-0.013
6:	-0.266	-0.024
7:	-0.055	-0.686
8:	-0.115	-0.601
9:	0.294	-0.280
10:	0.068	-0.131

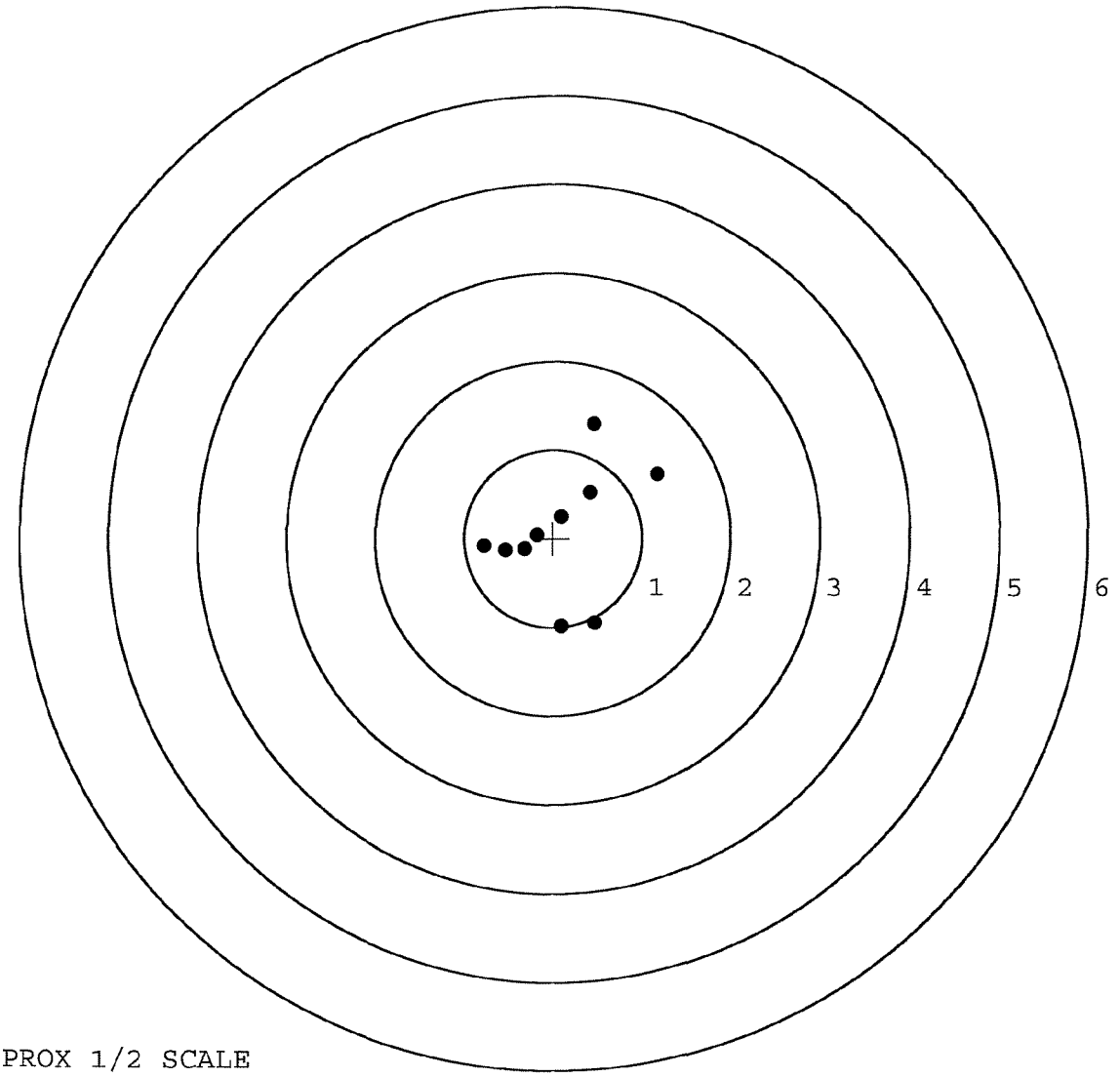


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594647.__0
TARGET NUMBER: 3
FILE DATE: 08/18/2004
FILE TIME: 06:30

X CENTROID:	0.087
Y CENTROID:	0.051
POA TO CENTROID:	0.101
HORZ SPREAD:	1.943
VERT SPREAD:	2.287
GROUP SPREAD:	2.315
MIN RADIUS:	0.194
MAX RADIUS:	1.295
MEAN RADIUS:	0.769
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.469	-0.957
2:	0.097	-0.996
3:	1.167	0.726
4:	0.458	1.291
5:	-0.776	-0.093
6:	0.407	0.514
7:	0.091	0.245
8:	-0.539	-0.139
9:	-0.322	-0.124
10:	-0.184	0.040

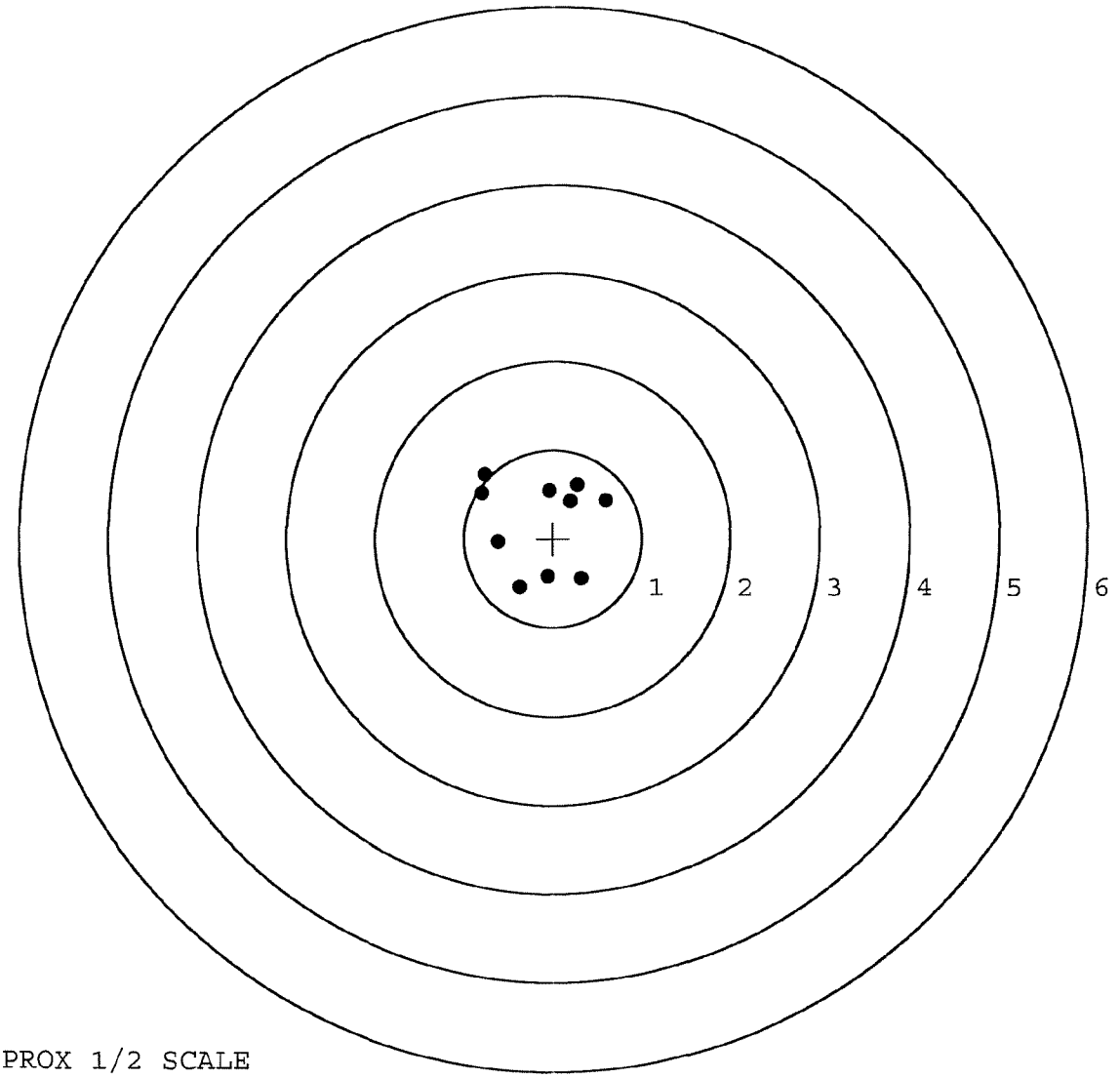


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594647.__0
TARGET NUMBER: 4
FILE DATE: 08/18/2004
FILE TIME: 06:30

X CENTROID:	-0.129
Y CENTROID:	0.178
POA TO CENTROID:	0.220
HORZ SPREAD:	1.385
VERT SPREAD:	1.279
GROUP SPREAD:	1.602
MIN RADIUS:	0.376
MAX RADIUS:	0.838
MEAN RADIUS:	0.640
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

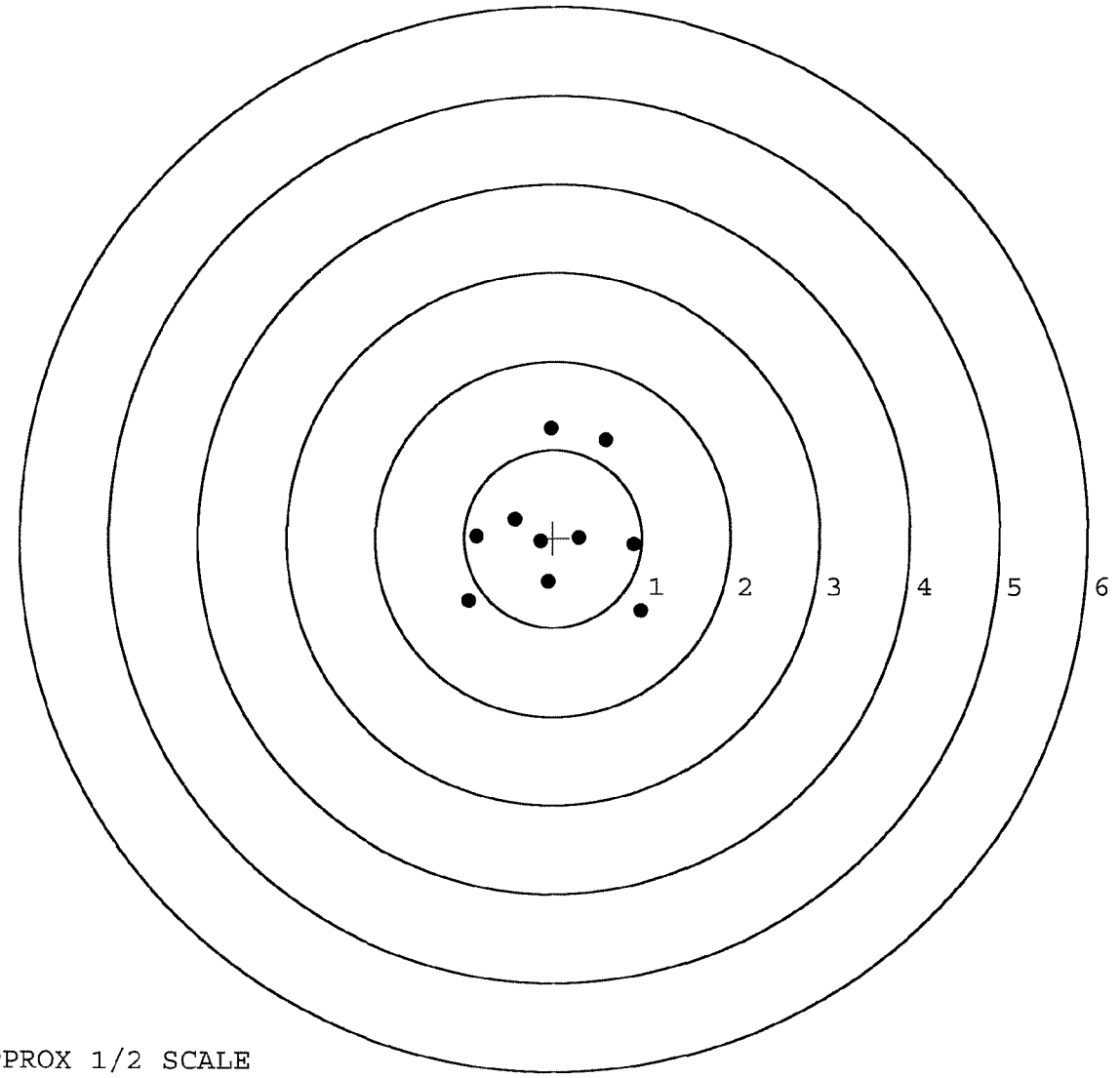
POINT#	X	Y
1:	0.591	0.428
2:	0.193	0.425
3:	-0.050	0.546
4:	-0.794	0.515
5:	-0.616	-0.035
6:	-0.377	-0.551
7:	-0.066	-0.431
8:	0.320	-0.454
9:	0.269	0.611
10:	-0.761	0.728



TARGET APPROX 1/2 SCALE

SERIAL NUMBER:	C6594647.__0
TARGET NUMBER:	5
FILE DATE:	08/18/2004
FILE TIME:	06:30
X CENTROID:	0.030
Y CENTROID:	0.045
POA TO CENTROID:	0.054
HORZ SPREAD:	1.938
VERT SPREAD:	2.068
GROUP SPREAD:	2.307
MIN RADIUS:	0.192
MAX RADIUS:	1.295
MEAN RADIUS:	0.822
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.593	1.107
2:	-0.033	1.244
3:	0.907	-0.079
4:	0.990	-0.824
5:	-0.055	-0.500
6:	0.290	0.004
7:	-0.948	-0.710
8:	-0.864	0.026
9:	-0.436	0.218
10:	-0.144	-0.036



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	83173		
SERIAL NUMBER	CC6594647		
LOG-IN DATE	7-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	8-9-04	RTL
560 A	RE-BARREL	8-9-04	RTL
B	DRILL AND TAP		
575	ASSEMBLE	8-10-04	RTL
600	PROOF	8-10-04	RTL
605	CHECK HEADSPACE	8-10-04	RTL
610	DIS-ASSEMBLE GUN	8-10-04	RTL
612	MAGNAFLUX	—	—
615	ROLLMARK CALIBER	8/11/04	[illegible]
618	ROTO-BLAST	8/12/04	DG
620	APPLY COATINGS	8/12	[illegible]
625 A	FINAL ASSEMBLY	8-16-04	[illegible]
B	TRIGGER PULL TEST	8-23-04	RTL
C	SAFETY "ON" FORCE	8-23-04	RTL
D	SAFETY "OFF" FORCE	8-23-04	RTL
E	FIRING PIN INDENT		
640	TARGET	8-18-04	AC
655	FINAL INSPECT	8-23-04	
660	PACK	8-30-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA - FLUX
INSPECTED
AUG 11 2004
OPERATOR

RECEIVING AND ESTIMATE REPORT BARBER M24 0021030

COMMENTS

ORDER R 97-00570

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
01/09/97	01/09/97	AL 3-91	C6594647		700 7.62 NATO

ACCESSORIES SCOPE BASE HARD CASE W/STUDS

FROM:

USPFO VT
BLDG 3 CP JOHNSON
DODAAC-W81KBL
COLCHESTER VT 05446

SHIP TO:

USPFO VT
BLDG 3 CP JOHNSON
DODAAC-W81KBL
COLCHESTER VT
05446

CUST NO:159136 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

PARTS W5220997009 #242

Rear Guard Screw 96015

COMMENTS

Repaired Cracked Stock 96018

Bench Check

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW					
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

OFFICE COPY

RD6925 REV. 11/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0021031

Remington

Return Address

STOCK NUMBER: 1005-01-240-2136	UNIT OF ISSUE / QUANTITY: 1EA	DOCUMENT NUMBER: W18G70 6362-3000
SHIP FROM: USPFO VT Bldg #3, Cp Johnson Colchester, VT 05446 DODAAC - W81KBL	SHIP TO: Remmington Arms Co. Inc. Attn: Fabricate Product Dept. 14 Hoefler Ave. Ilion, N.Y. 13357-1816 BOA # DAA09-92-C-0834	

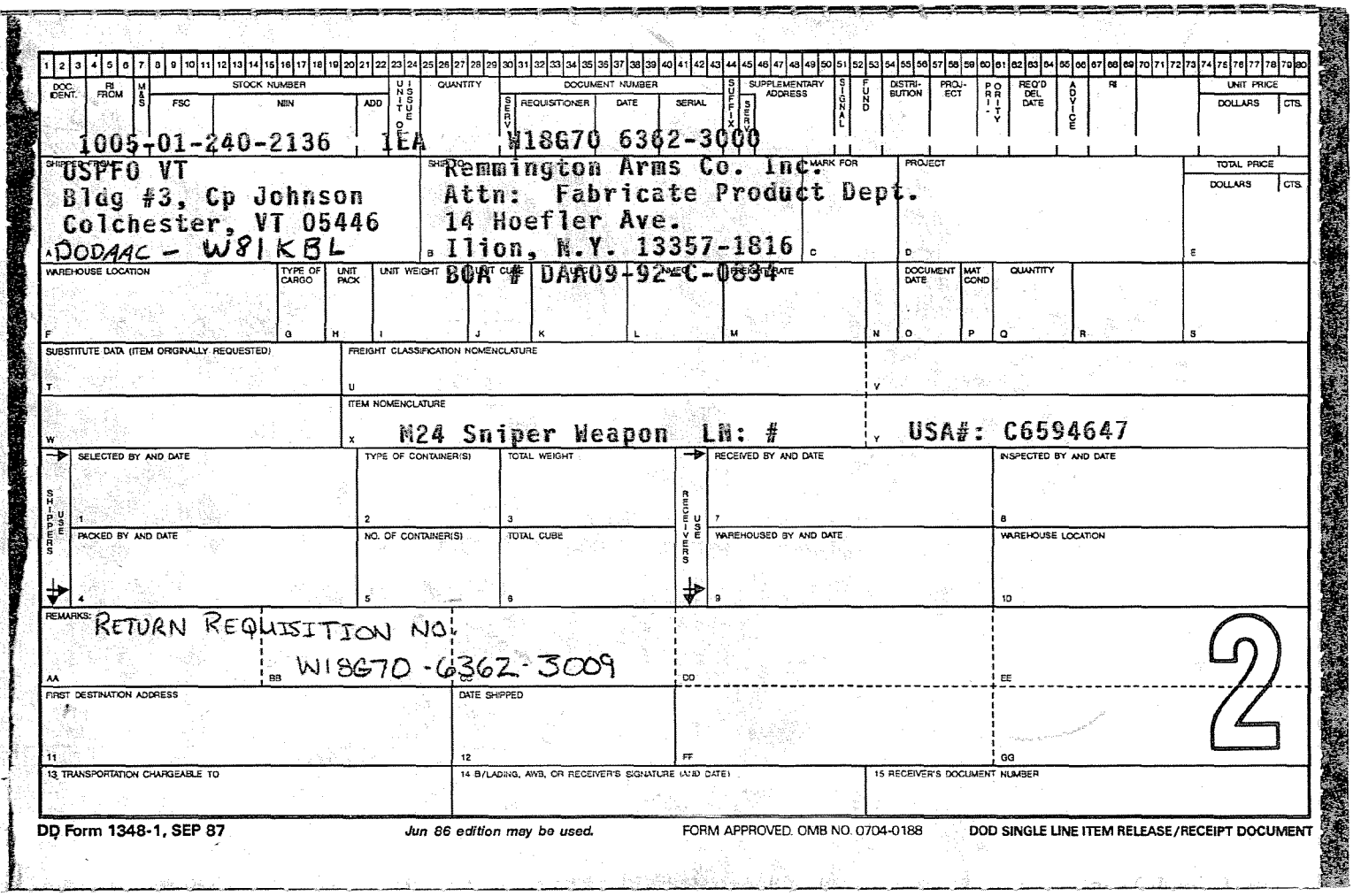
ITEM NOMENCLATURE: M24 Sniper Weapon LN: # USA#: C6594647

REMARKS: RETURN REQUISITION NO. W18G70-6362-3009

DD Form 1348-1, SEP 87 — Jun 86 edition may be used. — FORM APPROVED OMB NO. 0704-0188 — DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

*U.S.GPO:1990-0-549-506/82015

BARBER - M24 0021070
M24 0021069



DOC. IDENT.	RI FROM	M&S	STOCK NUMBER: FSC / NIIN	ADD	U/I	QUANTITY	DOCUMENT NUMBER: SERV	REQUISITIONER	DATE	SERIAL	SUFFIX	SUPPLEMENTARY ADDRESS	SIGNAL	FUND	DISTRIBUTION	PROJECT	PRIORITY	REQ'D DEL DATE	ADVICE	RI		UNIT PRICE: DOLLARS / CTS.
			1005-01-240-2136		EA	1	W	18G70	6362	3000												

SHIP TO / MARK FOR: USPFO VT
Bldg #3, Cp Johnson
Colchester, VT 05446
DODAAC - W81KBL

SHIPPED FROM: Remmington Arms Co. Inc.
Attn: Fabricate Product Dept.
14 Hoefler Ave.
Ilion, N.Y. 13357-1816
BOA # DAAA09-92-C-0034

PROJECT

TOTAL PRICE: DOLLARS / CTS.

WAREHOUSE LOCATION	TYPE OF CARGO	UNIT PACK	UNIT WEIGHT	UNIT CUBE	NET EXPLOSIVE WEIGHT	DOCUMENT DATE	MAT COND	QUANTITY
F	G	H	I	J	K L M	N	O	P Q R S

SUBSTITUTE DATA (ITEM ORIGINALLY REQUESTED) T

FREIGHT CLASSIFICATION NOMENCLATURE U

V

W

ITEM NOMENCLATURE X: M24 Sniper Weapon LN: #

Y: USA#: C6594647

SHIPPER USE

SELECTED BY AND DATE	TYPE OF CONTAINER(S)	TOTAL WEIGHT
1	2	3
PACKED BY AND DATE	NO. OF CONTAINER(S)	TOTAL CUBE
4	5	6

RECEIVER USE

RECEIVED BY AND DATE	INSPECTED BY AND DATE
7	8
WAREHOUSED BY AND DATE	WAREHOUSE LOCATION
9	10

REMARKS: RETURN REQUISITION NO: W18G70-6362-3009

AA BB CC DD EE

2

FIRST DESTINATION ADDRESS	DATE SHIPPED		
11	12	FF	GG

13 TRANSPORTATION CHARGEABLE TO	14 B/LADING, AWB, OR RECEIVER'S SIGNATURE (AND DATE)	15 RECEIVER'S DOCUMENT NUMBER

DD Form 1348-1, SEP 87 *Jun 86 edition may be used.* FORM APPROVED. OMB NO. 0704-0188 DOD SINGLE LINE ITEM RELEASE/RECEIPT DOCUMENT

★U.S.GPO:1993-0-349-506/82015

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION	2. NOMENCLATURE AND MODEL
MWS / CSMS VT	M-24 SNIPER RIFLE

3. REGISTRATION/SERIAL/NSN	4a. MILES	4b. HOURS	4c. ROUNDS FIRED	4d. HOT STARTS	5. DATE	6. TYPE INSPECTION
C65 94467			600 (+)		7 Nov 96	Condition Check

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005-306-10	JUN 89		

COLUMN a — Enter TM item number.

COLUMN b — Enter the applicable condition status symbol.

COLUMN c — Enter deficiencies and shortcomings.

COLUMN d — Show corrective action for deficiency or shortcoming listed in Column c.

COLUMN e — Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X"—Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X"—Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)"—Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)"—Indicates a materiel defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL-Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT-Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE (Person(s) performing inspection)	8b. TIME	9a. SIGNATURE (Maintenance Supervisor)	9b. TIME	10. MANHOURS REQUIRED
[signature]				

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
		1005-01-240-2136		
		1 each		
	X	Stock Cracked Near	Factory Repair	
		rear triggerguard		
	X	Rear Bedding Screw	Factory Repair	
		Bent		
		Note From CSMS to Unit:		
		Make Sure to write on 2407 that Rear		
		Bedding (Triggerguard) Screw is bent, this was		
		a hard fault to determine and they might		
		miss fixing it!		

DA FORM 2404 1 APR 79 — Replaces edition of 1 Jan 64, which will be used

TM ITEM NO. *a*	STATUS *b*	DEFICIENCIES AND SHORTCOMINGS *c*	CORRECTIVE ACTION *d*	INITIAL WHEN CORRECTED *e*

GPO : 1991 O - 301-856 (40140)

"UTES"

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

1c CUSTOMER	1b. CUSTOMER UNIT NAME	1c. PHONE NO.
W15 1A 1A	MWS	899-7253

ENTER DATA IN BLOCKS 2a AND 2c	2b. SAMS-2 UIC	2c. UTILIZATION CODE
INTRANSIT CUSTOMER	W18 1B 1F 10 14	07

SECTION II - MAINTENANCE ACTIVITY DATA

3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO.
W15 13 A7 A 60 1849	B	238

4a. UIC SUPPORT	4b. SUPPORT UNIT NAME
W1V 53 97	CSMS-VT

SECTION III - EQUIPMENT DATA

E MNT	6. ID	7. NSN
DE 01	A	11 10 10 15 10 11 12 14 10 12 11 13 16 1

DDEI: M24 7.62 MM

ION: SNIPER WEAPONS SYSTEM

RG WON	10b. EIC
W15 1A 1A 11 16 10 10 12 19 13	

RIAL NUMBER	12. QTY	13. PID
15 19 14 16 14 17 1/1/1/1/1/1/1/	0 0 0 1 1	0 B

alfunction description (for DSU/GSU use)

ESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND NOSTIC PROCEDURE IN EQUIPMENT TM *(Do not prescribe repairs)*

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 Other; J Calibration

16a. MILES/KILOMETERS (enter ✓ or X) MI KM	16b. HOURS	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)
Y	Q Unit Level; F Direct Spt; H Intermediate General Spt; D Depot; I Special Repair Activity

21. BUMPER NO./TAIL NO.	22. REIMBURSABLE CUSTOMER? (If Intransit Customer, enter Y or N)
	N

23. PID AUTHENTICATING SIGNATURE
(Payroll Signature) Shup 9 S— SGT FOR: CW2 WOLCOTT, E.

REMARKS
NEED TO SEND TO REMINGTON ARMS CO. FOR REPAIR
WEAPON W/ BOLT + CASE ONLY - STOCK CRACKED. REAR BEDDOWG SCREW BENT
BOLT OPERATION IS NOT SMOOTH/ MAGAZINE FOLLOWER WILL NOT COME ALL THE WAY UP/
Point of Contact - Vermont Army National Guard Sgt. MATT JERRY
802-654-0238

SECTION V - TASK REQUIREMENTS DATA

LE D	27b. TASK NO.	27c. ACT RQD	27d. TASK DESCRIPTION	27e. QTY TO BE RPR	27f. WORK CENTER	27g. FAILURE CODE	27h. MH RNM/PROJ
	B101	F	SNIPER WEAPON M24	1	ARMT	070	2.0

SECTION VI - PART REQUIREMENTS

LE D	28b. TASK NO.	28c ID	28d. RQD NSN OR PART NUMBER	28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NM CS	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. NOUN/ INITIALS

SECTION VII - COMPLETION DATA

RPR	30. QTY CONDEMN	31. QTY NRTS	32. EVAC WON	33. EVAC UNIT NAME

SECTION VIII - ACTION SIGNATURES

MITTED BY	35a. ACCEPTED BY	36a. WORK STARTED BY	37a. INSPECTED BY	38a. PICKED UP BY
Shup 9 S—	D. Barber			

D. DATE	35b STA	35c. ORD DATE	35d. MIL TIME	36b STA	36c. ORD DATE	36d. MIL TIME	37b STA	37c. ORD DATE	37d. MIL TIME	38b STA	38c. ORD DATE	38d. MIL TIME
03 53	X	96354	1410									

FORM 5504, JUN 93 EDITION OF SEP 88 IS OBSOLETE COPY 2

SWS TRIGGER PULL TEST

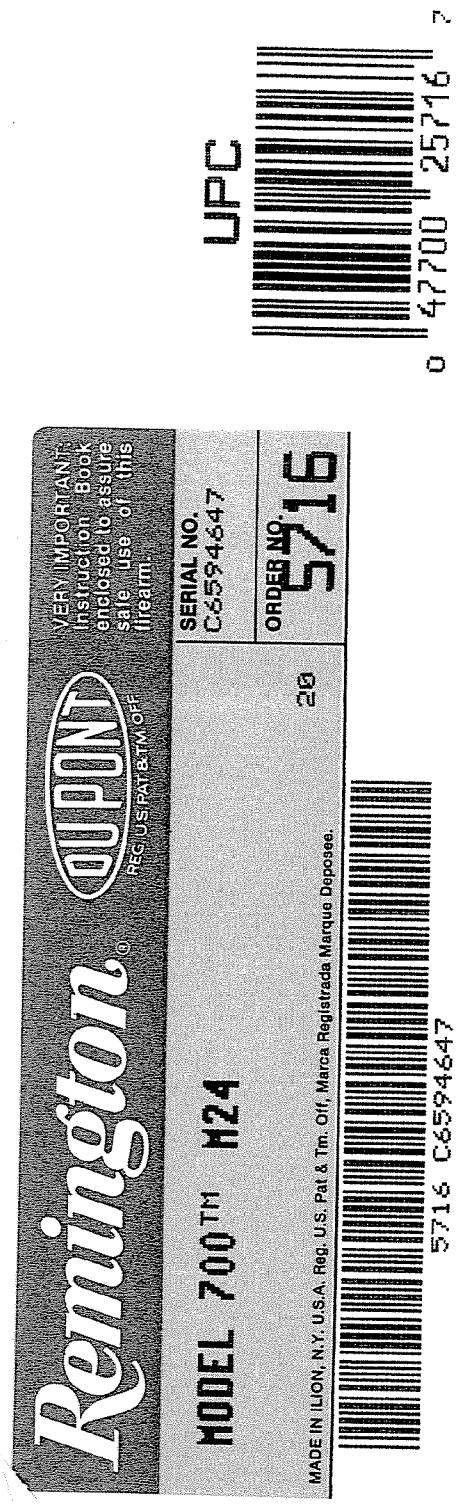
AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. C-6594641
DATE 5-13-91
TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.44	2.52	2.50	2.40	MIN. SETTING,
PULL #2	2.58	2.38	2.54	2.60	NO AVG. OF 5
PULL #3	2.42	2.54	2.53	2.57	READINGS ACCEPT-
PULL #4	2.43	2.54	2.51	2.69	ABLE LESS THAN 2#
PULL #5	2.45	2.59	2.58	2.65	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.42	3.37		
PULL #2	3.37	3.36		
PULL #3	3.35	3.43		
PULL #4	3.43	3.42		
PULL #5	3.34	3.35		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.54	4.59		4.55
PULL #2	4.50	4.47		4.53
PULL #3	4.57	4.37		4.52
PULL #4	4.60	4.37		4.50
PULL #5	4.49	4.49		4.56
TOTAL				
AVG.				


Remington
DUPONT
REG. U.S. PAT. & T.M. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TM M24
SERIAL NO. C6594647
ORDER NO. 5716
20
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off., Marca Registrada Marque Deposee.
5716 C6594647
UPC
0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594647
15 May 1991

CENTROIDAL DISTANCES

0	TO	1	.273383
1	TO	2	.275572
1	TO	3	.458495
1	TO	4	.088732
1	TO	5	.264322

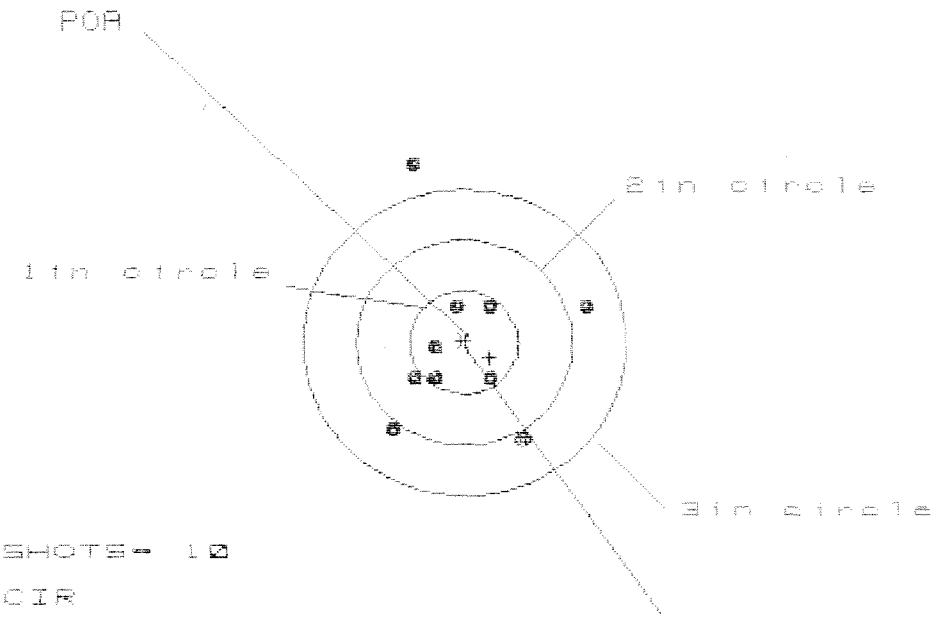
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0466
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1406
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .148121

THE AMR FOR THIS RIFLE IS: .7788

15 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C0594647

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

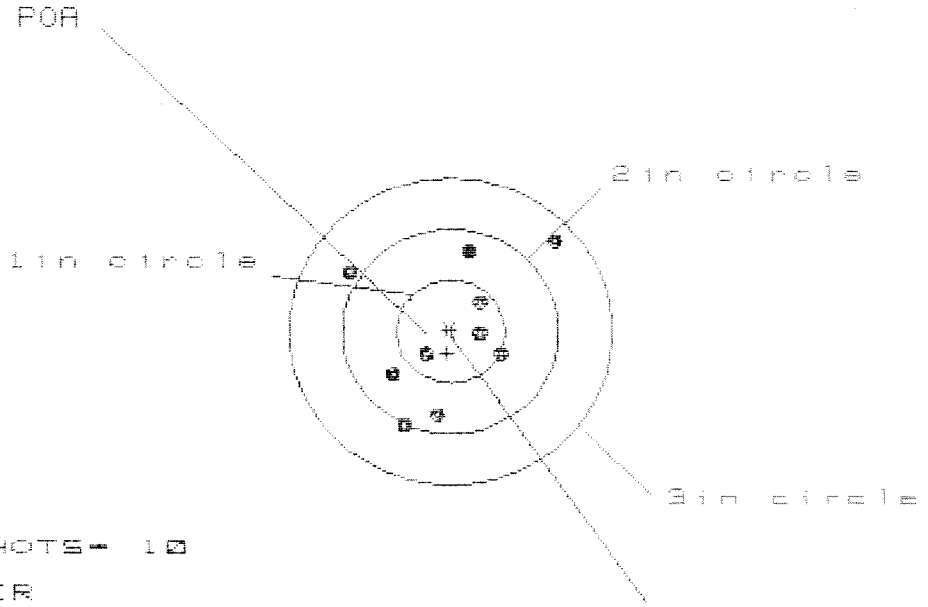
# IN CIR
1in = 5
2in = 6
3in = 9

HS= 1.752
VS= 2.661
GS= 2.854

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.101	1.049	.635
MINIMUM X	:	-.651	-.703	-.572
MAXIMUM Y	:	1.752	.598	.663
MINIMUM Y	:	-.909	-.714	-.639
CENTROID X	:	-.233	-.181	-.312
CENTROID Y	:	.143	-.052	-.127
POA TO CENTROID in.	:	.273	.188	.336
MIN RADIUS	:	.268	.253	.188
MEAN RADIUS	:	.762	.625	.525
MAX RADIUS	:	1.815	1.207	.901
HORIZONTAL SPREAD	:	1.752	1.752	1.207
VERTICAL SPREAD	:	2.661	1.312	1.302
EXTREME SPREAD	:	2.854	2.121	1.426
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 May (99) FILE:/PATTERNING/CENTERFIRE_PATT/C0594647

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 4
2in = 7
3in = 10

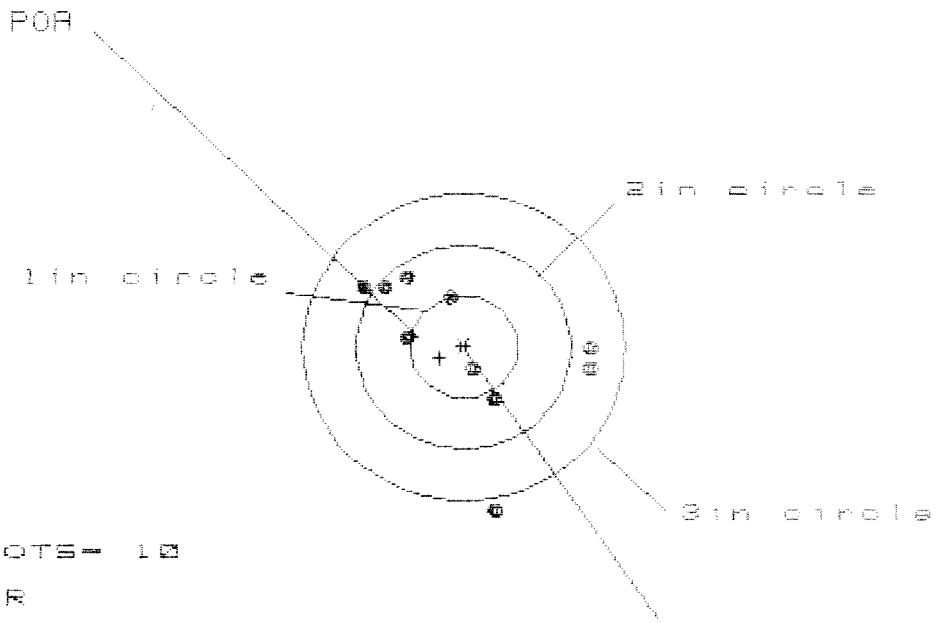
HS= 1.948
VS= 1.777
GS= 2.273

PATTERN # : 2

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.995	.554	.449
MINIMUM X	:	-.953	-.842	-.528
MAXIMUM Y	:	.842	.905	.986
MINIMUM Y	:	-.935	-.841	-.760
CENTROID X	:	.033	-.077	.028
CENTROID Y	:	.215	.121	.040
POA TO CENTROID in.	:	.217	.144	.049
MIN RADIUS	:	.314	.189	.272
MEAN RADIUS	:	.728	.655	.590
MAX RADIUS	:	1.304	1.063	1.010
HORIZONTAL SPREAD	:	1.948	1.396	.977
VERTICAL SPREAD	:	1.777	1.746	1.746
EXTREME SPREAD	:	2.273	1.859	1.859
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

15 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C8534647

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

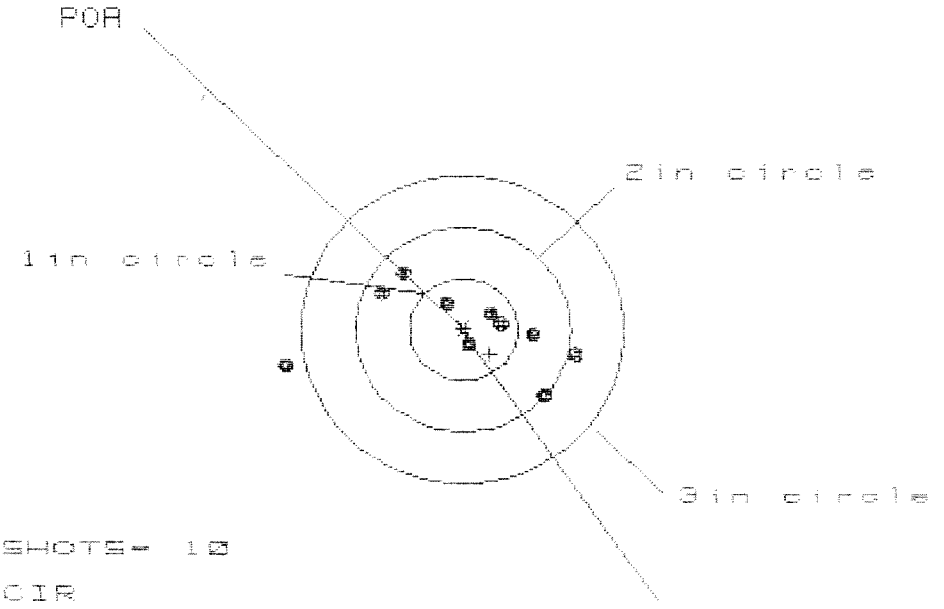
# IN CIR
1in = 1
2in = 6
3in = 9

HS= 2.161
VS= 2.364
GS= 2.492

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.195	1.221	1.374
MINIMUM X	:	-.966	-.940	-.787
MAXIMUM Y	:	.730	.549	.504
MINIMUM Y	:	-1.634	-.642	-.687
CENTROID X	:	.224	.198	.045
CENTROID Y	:	.106	.287	.332
POA TO CENTROID in.	:	.248	.349	.335
MIN RADIUS	:	.264	.364	.292
MEAN RADIUS	:	.892	.793	.698
MAX RADIUS	:	1.651	1.269	1.388
HORIZONTAL SPREAD	:	2.161	2.161	2.161
VERTICAL SPREAD	:	2.364	1.191	1.191
EXTREME SPREAD	:	2.492	2.276	2.223
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6534647

CENTERFIRE PATTERNS # 4



\# OF SHOTS= 10

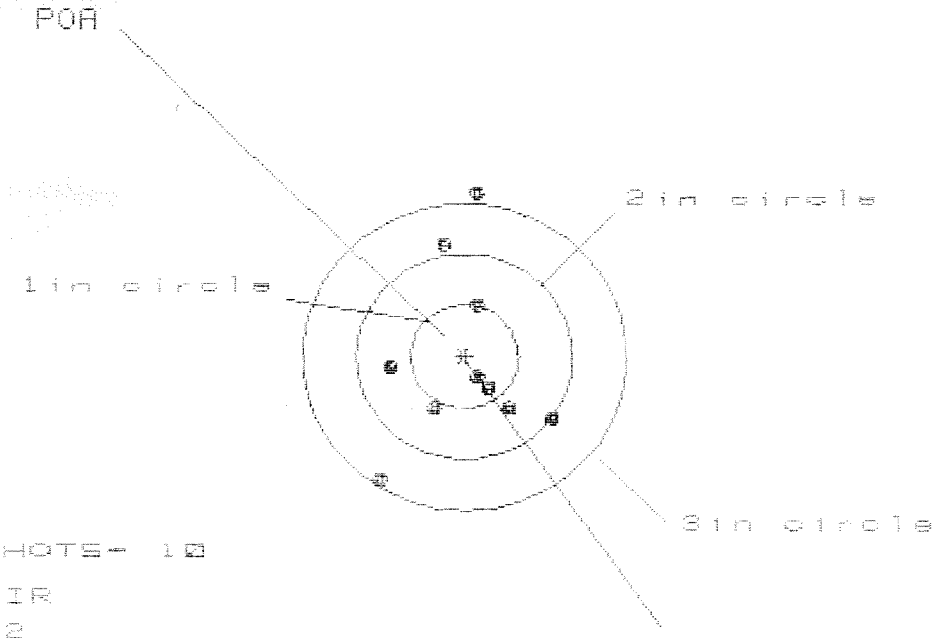
\# IN CIR
1in = 4
2in = 8
3in = 9

HS= 2.679
VS= 1.286
GS= 2.681

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.058	.877	.631
MINIMUM X	:	-1.621	-.933	-.823
MAXIMUM Y	:	.607	.571	.540
MINIMUM Y	:	-.679	-.715	-.746
CENTROID X	:	-.245	-.065	-.175
CENTROID Y	:	.241	.277	.308
POA TO CENTROID in.	:	.344	.285	.354
MIN RADIUS	:	.148	.103	.151
MEAN RADIUS	:	.703	.556	.518
MAX RADIUS	:	1.654	.983	.977
HORIZONTAL SPREAD	:	2.679	1.810	1.454
VERTICAL SPREAD	:	1.286	1.286	1.286
EXTREME SPREAD	:	2.681	1.894	1.796
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

15 May 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C0534647

CENTERFIRE PATTERNS # 5



# OF SHOTS= 10
# IN CIR
1in = 2
2in = 7
3in = 9
HS= 1.557
VS= 2.784
GS= 2.920

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.782	.793	.698
MINIMUM X	:	-.775	-.764	-.724
MAXIMUM Y	:	1.622	1.303	1.180
MINIMUM Y	:	-1.162	-.981	-.510
CENTROID X	:	-.012	-.023	.072
CENTROID Y	:	-.002	-.183	-.060
POA TO CENTROID in.	:	.012	.184	.094
MIN RADIUS	:	.212	.134	.121
MEAN RADIUS	:	.809	.680	.609
MAX RADIUS	:	1.626	1.313	1.208
HORIZONTAL SPREAD	:	1.557	1.557	1.422
VERTICAL SPREAD	:	2.784	2.284	1.690
EXTREME SPREAD	:	2.920	2.362	1.941
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6594647

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25	91	RW
600	Proof	3 25	91	RW
607	Check Headspace	3 25	91	RW
610	Dis-assemble Gun	3 25	91	RW
612	Magnaflux Barrel Action	3 28	91	KR
	Magnaflux Bolt	3 28	91	4
615	Rollmark Caliber	3 28	91	GS
617	Drill and Tap Sight Holes	APR	3 1991	LB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-11-91	
	Apply Coating (Bolt)			
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		5-13-91	JH

op. #	BARBER M24 0021045	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5/13/91	wb
	G) Safety Off Force	2½	2½	2½			5/13/91	wb
	H) Trigger Pull Test & Retainability						5-13-91	
	I) Firing Pin Indent	.021	.021	.021			5/13/91	wb
	J) Assemble Stock						5/14/91	RW
	K) Assemble Swivel Studs						5-20-91	
	L) Attach Front and Rear Sight Assemblies						5/14/91	RW
	M) Iron Sight Alignment						5/14/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/14/91	RW
	O) Attach Scope to Rifle						5/14/91	RW
	P) Detach & Attach Scope 20 Times						5/14/91	RW
640	Gallery Target & Test						5-15-91	DH
	A) Time						5-15-91	DH
	B) Malfunctions						5-15-91	DH
	C) Pierced Primers						5-15-91	DH
	D) Optical Clearity of Scope						5-15-91	DH
645	Inspect for Live Ammo						5-15-91	DH
655	Final Inspection A) Headspace						5-20-91	
	B) Trigger Pull	2.40	2.60	2.51	2.69	2.65	5-20-91	
	C) Function						5-20-91	
660	Pack						6-17-91	