

G-636 0870
Raphae
C-622-5670

C6360870 (New)

~~C6225070~~

[illegible]

RE00085926

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360870.___0
FILE DATE AND TIME: 11/09/2004 08:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.090
The Average Y Centroid of the Five Target Set:	-0.020
The Average Point of Impact of the Five Target Set:	0.092
The Average Mean Radius of the Five Target Set:	0.915
The Distance from POA to Centroid Target #1:	0.138
The Distance from Centroid Target #2 to Centroid Target #1:	0.083
The Distance from Centroid Target #3 to Centroid Target #1:	0.201
The Distance from Centroid Target #4 to Centroid Target #1:	0.209
The Distance from Centroid Target #5 to Centroid Target #1:	0.188

BARBER - M24 0084171

SERIAL NUMBER: G6360870. __0

TARGET NUMBER: 1

FILE DATE: 11/09/2004

FILE TIME: 08:00

POINT#	X	Y
1:	0.579	0.498
2:	0.261	0.151
3:	0.003	0.427
4:	-0.667	0.130
5:	-1.144	0.217
6:	-1.033	0.666
7:	0.010	-0.442
8:	1.451	-0.944
9:	-0.433	-1.074
10:	2.248	-0.169

X CENTROID: 0.128

Y CENTROID: -0.054

POA TO CENTROID: 0.138

HORZ SPREAD: 3.392

VERT SPREAD: 1.740

GROUP SPREAD: 3.414

MIN RADIUS: 0.245

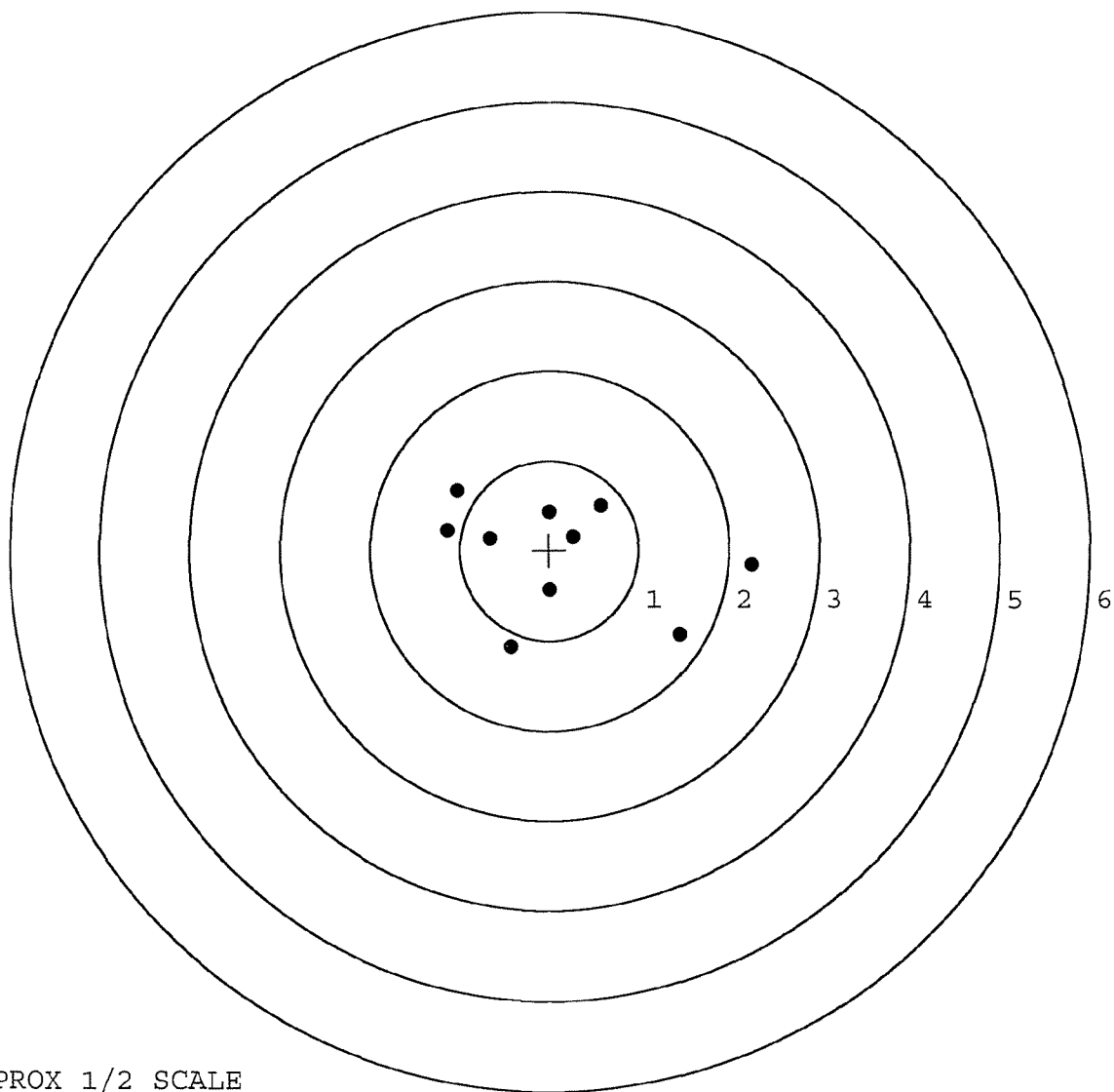
MAX RADIUS: 2.124

MEAN RADIUS: 1.022

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

BARBER - M24 0084172

SERIAL NUMBER: G6360870. 0

TARGET NUMBER: 2

FILE DATE: 11/09/2004

FILE TIME: 08:00

X CENTROID: 0.124

Y CENTROID: 0.029

POA TO CENTROID: 0.127

HORZ SPREAD: 3.373

VERT SPREAD: 1.626

GROUP SPREAD: 3.637

MIN RADIUS: 0.318

MAX RADIUS: 1.877

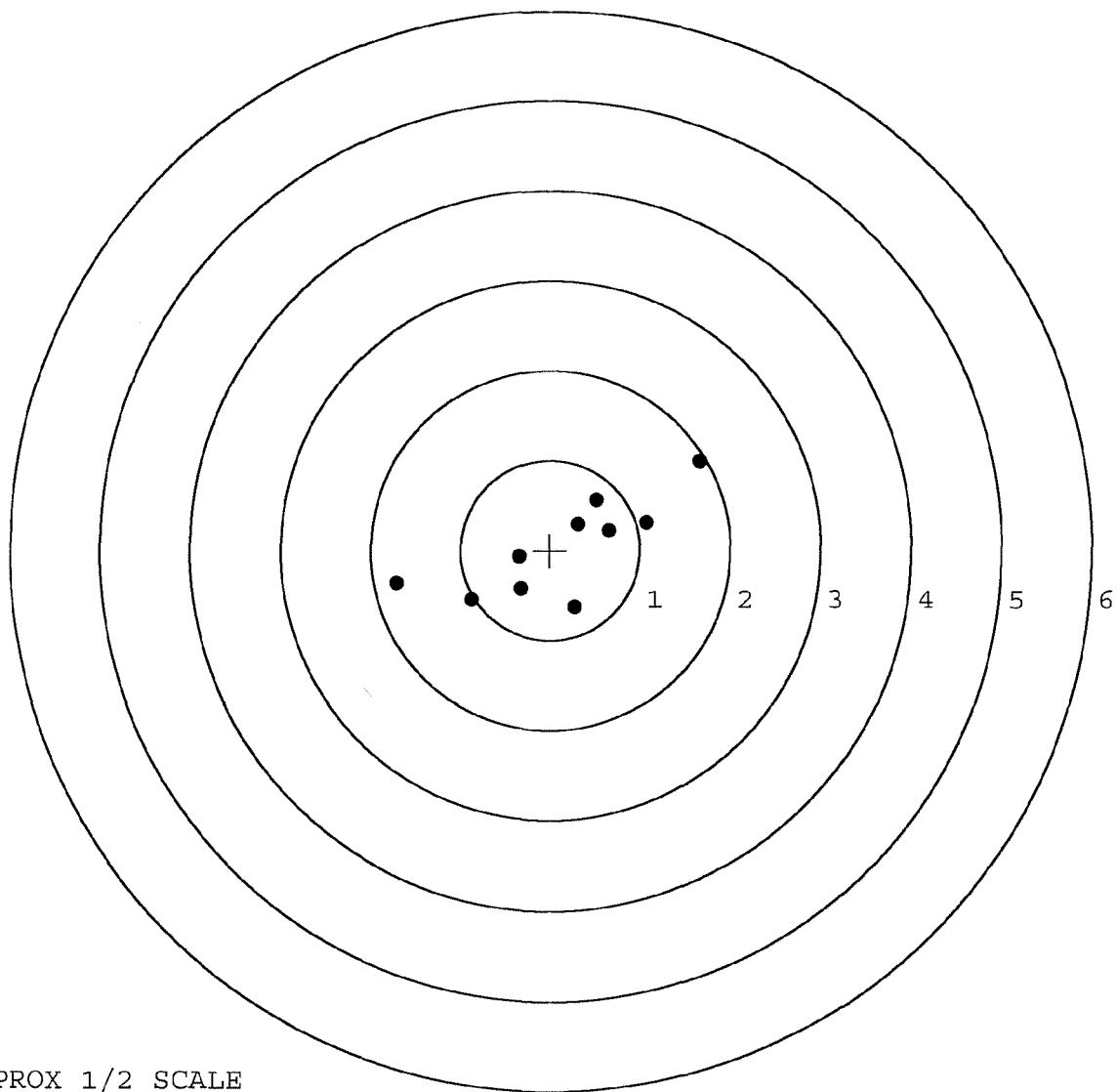
MEAN RADIUS: 0.918

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.662	0.992
2:	1.072	0.305
3:	0.277	-0.634
4:	-0.878	-0.554
5:	-1.711	-0.368
6:	-0.323	-0.435
7:	0.656	0.215
8:	0.307	0.288
9:	0.516	0.556
10:	-0.341	-0.078



TARGET APPROX 1/2 SCALE

BARBER - M24 0084173

SERIAL NUMBER: G6360870. 0

TARGET NUMBER: 3

FILE DATE: 11/09/2004

FILE TIME: 08:00

POINT#	X	Y
1:	1.134	-0.335
2:	0.987	0.143
3:	0.005	1.129
4:	-0.343	1.133
5:	-1.015	0.248
6:	-0.360	0.424
7:	-0.335	-0.166
8:	0.172	-0.176
9:	0.070	-0.500
10:	0.325	-0.528

X CENTROID: 0.064

Y CENTROID: 0.137

POA TO CENTROID: 0.151

HORZ SPREAD: 2.149

VERT SPREAD: 1.661

GROUP SPREAD: 2.227

MIN RADIUS: 0.331

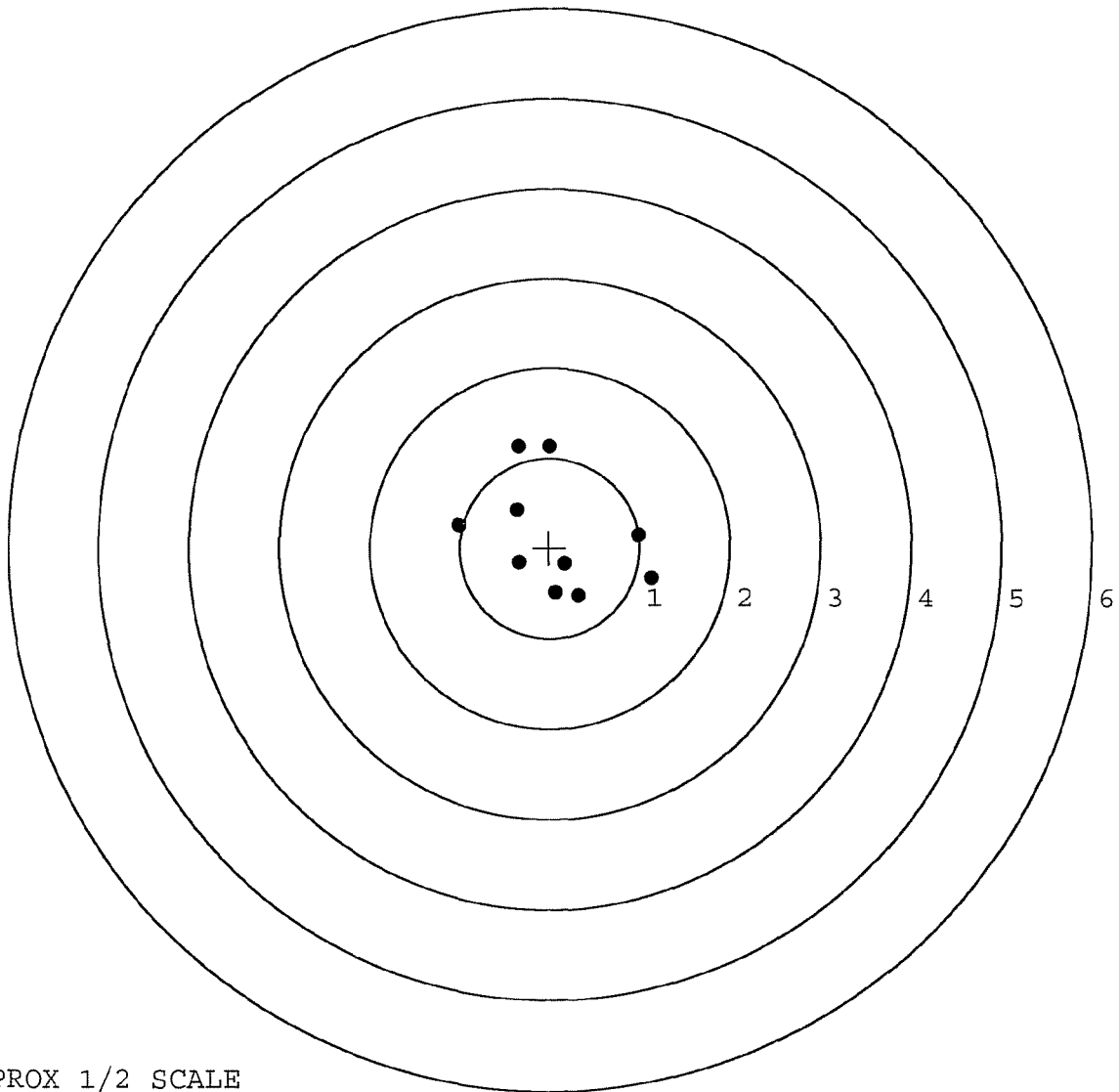
MAX RADIUS: 1.170

MEAN RADIUS: 0.794

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

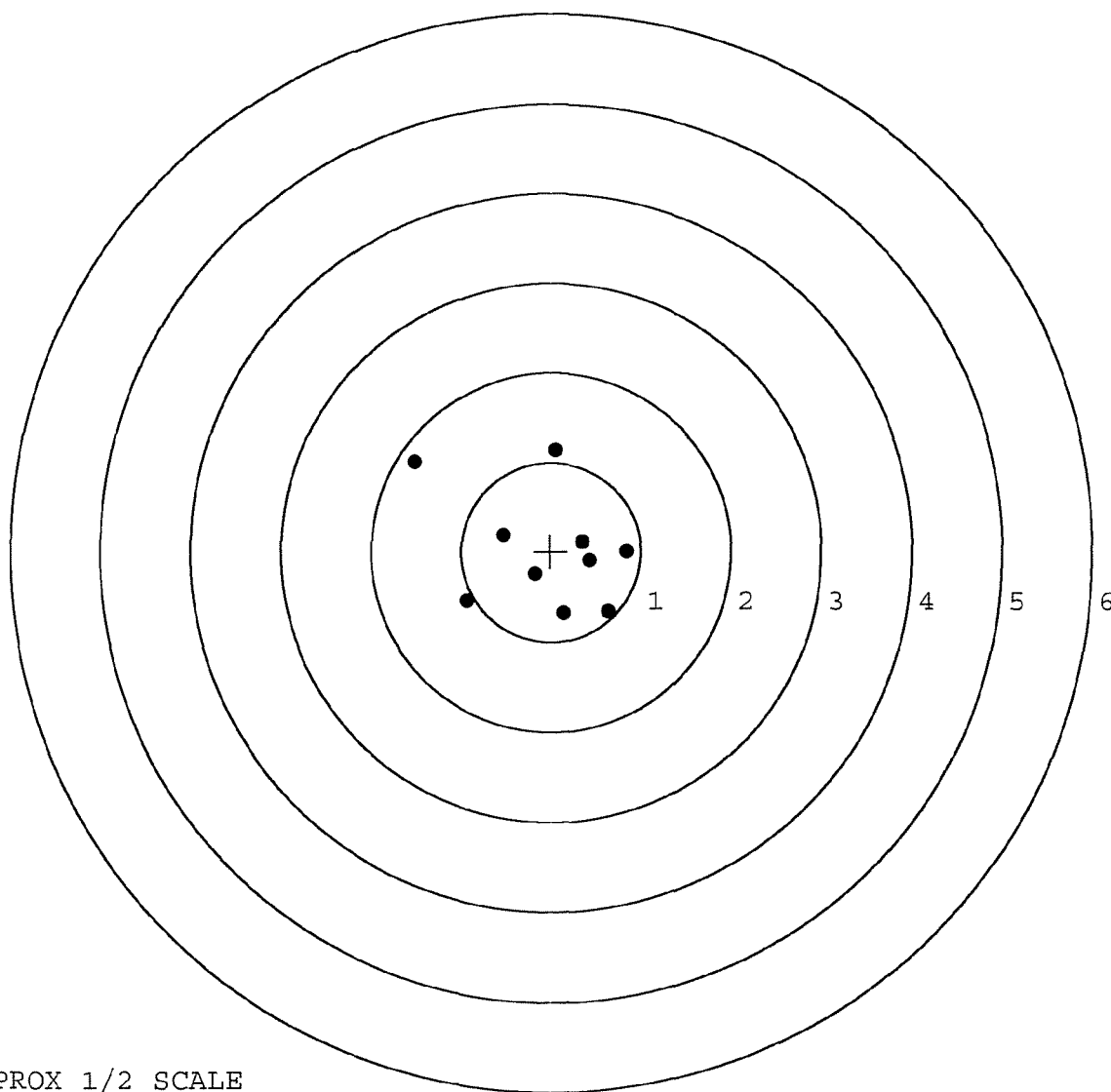
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0084174

SERIAL NUMBER: G6360870. __0	POINT#	X	Y
TARGET NUMBER: 4	1:	0.642	-0.672
FILE DATE: 11/09/2004	2:	0.847	0.006
FILE TIME: 08:00	3:	0.349	0.110
	4:	0.435	-0.105
X CENTROID: -0.069	5:	0.140	-0.691
Y CENTROID: 0.016	6:	-0.179	-0.259
POA TO CENTROID: 0.071	7:	-0.533	0.183
HORZ SPREAD: 2.361	8:	-0.938	-0.551
VERT SPREAD: 1.825	9:	-1.514	1.003
GROUP SPREAD: 2.730	10:	0.059	1.134
MIN RADIUS: 0.296			
MAX RADIUS: 1.750			
MEAN RADIUS: 0.829			
# IN 1 IN DIAMETER: 3			
# IN 2 IN DIAMETER: 7			
# in 3 IN DIAMETER: 9			



TARGET APPROX 1/2 SCALE

BARBER - M24 0084175

SERIAL NUMBER: G6360870.____0

TARGET NUMBER: 5

FILE DATE: 11/09/2004

FILE TIME: 08:00

POINT#	X	Y
--------	---	---

1:	1.549	-0.726
----	-------	--------

2:	1.211	0.677
----	-------	-------

3:	0.999	0.580
----	-------	-------

4:	0.291	0.566
----	-------	-------

5:	0.365	0.049
----	-------	-------

6:	-0.509	0.165
----	--------	-------

7:	-0.774	-0.236
----	--------	--------

8:	-0.448	-0.627
----	--------	--------

9:	-0.399	-1.065
----	--------	--------

10:	-0.246	-1.639
-----	--------	--------

X CENTROID: 0.204

Y CENTROID: -0.226

POA TO CENTROID: 0.304

HORZ SPREAD: 2.323

VERT SPREAD: 2.316

GROUP SPREAD: 2.736

MIN RADIUS: 0.318

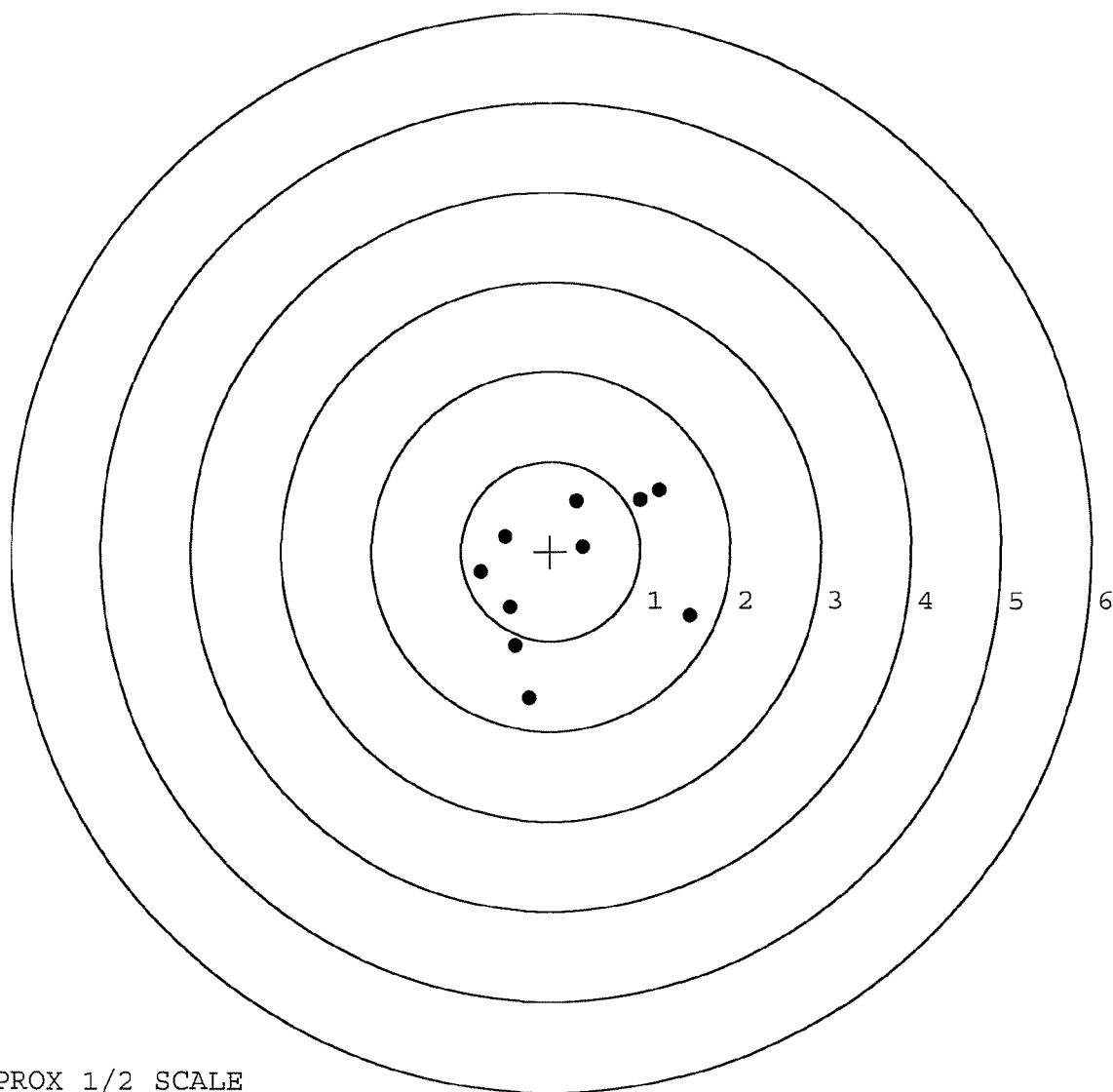
MAX RADIUS: 1.483

MEAN RADIUS: 1.011

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL # G6360870INSPECTED BY: RTDATE REC'D: 10-4-04DATE RET'D: 11-10-04

ITEM

BARREL ASSEMBLY

☒ BARREL
☒ RECEIVER
☒ FRONT SIGHT BASE
☒ REAR SIGHT BASE
☒ SCREWS
☒ FINISH

SCOPE ASSEMBLY

☐ SCOPE
☐ SCOPE RINGS
☐ MOUNTING SCREWS
☐ MOUNTING BASE
☐ SCREWS
☐ FINISH
☐ CLARITY

ITEM

STOCK ASSEMBLY

☒ STOCK
☒ SLING AWIVEL STUDS
☒ ADJUSTABLE
☒ BUTT PLATE
☒ LOCK NUTS
☒ BARREL CLEARANCE
☒ COLOR / FINISH

SYSTEMS CASE

☐ SCOPE CASE
☐ IRON SIGHTS
☐ DEPLOYMENT KIT

TRIGGER ASSEMBLY

☒ SAFETY OPERATION
☒ RE-SET TO FACTORY SPECS

COMMENTS:

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

R & E NUMBER	85926		
SERIAL NUMBER	G6225070 G6360870 (N-en)		
LOG-IN DATE	10-4-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-13-04	RTL
560 A	RE-BARREL	10-14-04	RTL
B	DRILL AND TAP	10-19-04	TRL
575	ASSEMBLE	10-15-04	RTL
600	PROOF	10-18-04	RTL
605	CHECK HEADSPACE	10-18-04	RTL
610	DIS-ASSEMBLE GUN	10-09-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	10/20/04	AB
618	ROTO-BLAST	10-22-04	UB
620	APPLY COATINGS	10/28/04	HP
625 A	FINAL ASSEMBLY	11-3-04	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-9-04	TRU
655	FINAL INSPECT	11-10-04	
660	PACK	11-10-04	RA
		SHIP DATE	
QAR INSPECTION DATE			

RECEIVING AND ESTIMATING REPORT

COMMENTS

011

ORDER

R 96-16430

INITIAL CUSTOMER ORDER NO.

FPS

M24 SNIPER

DATE RECEIVED

DATE OPENED

DATE CODE

SERIAL NUMBER

NEW SERIAL NUMBER

MODEL AND GRADE

07/12/96

07/15/96

C6225070

700

7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

HHC BN ARMS SHOP
2ND BN 75TH RGR RGT
FORT LEWIS

WA 98433

SHIP TO:

HHC BN ARMS SHOP
2ND BN 75TH RGR RGT
FORT LEWIS

WA
98433

CUST NO: 126790 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

R832505890

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

D2

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

W55/HO 96241 #543

PARTS

COMMENTS

Barrel
Stock

96003
96018

Re powder Coat Trigger
Guard Assy. Front &
Rear Sight Bases
Re Zinco Scope Base &
Swivel Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

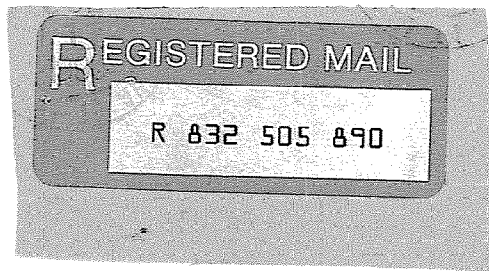
DATE

OFFICE COPY

FD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0084178 9624217



DA FORM 2766-1, APR 76

PREVIOUS EDITION WILL BE USED

DOC IDENT		ROUT IDENT	FSC	NN	ADD	QUANTITY	REQUESTOR	DATE	SERIAL	STOCK NUMBER	ISS	DISTR	PROJECT	REQ DEL DATE	ADV STAT
SEND TO		REQUEST IS FROM:													
ISSD		HHC, 475 RGR BN													
FT. LEWIS, WA 98433		ATTN: PBO													
REF: AVE		FT. LEWIS, WA 98433													
W68PXK		1005012402136 EA00001													
D65 BAK		ACGS													
W68PXK61680003		RIFLE 7.62mm M24													
W81UTH		SNIPER WEAPONS SYSTEM (SNS)													
D2		SN: C622-5170													
R45387		8													

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

REQUEST FOR ISSUE OR TURN-IN (DA Pam 710-2-1)

DA FORM 2766-1, APR 76

PREVIOUS EDITION WILL BE USED

DOC IDENT		ROUT IDENT	FSC	NN	ADD	QUANTITY	REQUESTOR	DATE	SERIAL	STOCK NUMBER	ISS	DISTR	PROJECT	REQ DEL DATE	ADV STAT
SEND TO		REQUEST IS FROM:													
ISSD		HHC, 475 RGR BN													
FT. LEWIS, WA 98433		ATTN: PBO													
REF: D65		FT. LEWIS, WA 98433													
W68PXK		1005012402136 EA00001													
D65 BAK		ACGS													
W68PXK61680003		RIFLE 7.62mm M24													
W81UTH		SNIPER WEAPONS SYSTEM (SNS)													
D2		SN: C622-5170													
R45387		8													

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

REQUEST FOR ISSUE OR TURN-IN (DA Pam 710-2-1)

BARBER - M24 0084181 PACKING LIST		PACKED BY <i>Mr Ray Fuller WG-10</i> <i>2/75 Ranger Bn/65</i> <i>Armorer</i>	1. NO. BOXES /	2a. REQUISITION NO. <i>W68PXX-6168-0003</i> 2b. ORDER NO.	
3. END ITEM <i>Rifle 7.62mm M24</i> <i>Sniper Weapon System (SWS)</i>			4. DATE <i>8 July 96</i> 5. PAGE <u>1</u> OF <u>1</u> PAGES		
BOX NO.	CONTENTS - STOCK NUMBER AND NOMENCLATURE	UNIT OF ISSUE	QUANTITIES REQUIRED		
(a)	(b)	(c)	INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)
/	<i>1005-01-240-2136 7.62mm M24</i> <i>Sniper Weapon System (SWS)</i>	<i>Ea</i>			/
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES					
TYPED NAME AND TITLE <i>Ray Fuller WG-10</i> <i>2/75 Ranger Bn Armorer</i>		SIGNATURE 			

DD FORM 1 SEP 70 1750

USE TYPEWRITER OR PRINT FIRMLY ON HARD SURFACE WITH HARD PENCIL OR BALLPOINT PEN

FORM 2407
MAY 81

EDITION OF JUL 79 IS OBSOLETE.

NMP COPY 2

BARBER - M24 ~~0084182~~ **M2400084221**

Department of The Army
Commander

2d Bn. 75th Ranger Rgt.

Attn: Mr. Ray Fuller, Bn Arms, Bldg 3474

Box 339510

Fort Lewis, Wa 98433-9510

OFFICIAL BUSINESS

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225070

Barrel
Stock

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		7/24/96	Ru
600	Proof		7/24/96	Ru
607	Check Headspace		7/24/96	Ru
610	Dis-assemble Gun		7/24/96	Ru
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. #	BARBER - M24 0084185 OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force			
	G) Safety Off Force			
	H) Trigger Pull Test & Retainability			
	I) Firing Pin Indent			
	J) Assemble Stock			
	K) Assemble Swivel Studs			
	L) Attach Front and Rear Sight Assemblies			
	M) Iron Sight Alignment			
	N) Detach Front & Rear Sights & place in numbered container			
	O) Attach Scope to Rifle			
	P) Detach & Attach Scope 20 Times			
640	Gallery Target & Test			
	A) Time			
	B) Malfunctions			
	C) Pierced Primers			
	D) Optical Clarity of Scope			
645	Inspect for Live Ammo			
655	Final Inspection A) Headspace			
	B) Trigger Pull			
	C) Function			
660	Pack			

Final Inspection

Sn: C6275070

DATE REC'D: 7/15/96

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☐ Mounting Screws☐ Mounting Base☐ Screws☐ Finish☐ Looseness☐ Clarity

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE Butt PLATE☒ Lock Nuts☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ Iron SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ Set

Comments:

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225070

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. #	BARBER - M24 0084188	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		7/27/92	EW
	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			
	B) Trigger Pull			
	C) Function			
660	Pack			

RECEIVED BARBER M24 0084189 REPORT

COMMENTS

ORDER
R92-11755

INITIAL FPS	CUSTOMER ORDER NO.		M-24 SWS W/SCOPE PAINTED CAMO			
DATE RECEIVED 05/11/92	DATE OPENED 05/20/92	DATE CODE	SERIAL NUMBER C6225070	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO	
ACCESSORIES W/STUDS		SCOPE BASE SOFT CASE L/FRONT SIGHT				

FROM:	SHIP TO:
DEPT OF THE ARMY B CO ARMS 2/75 RANGER BATTALION FT LEWIS WA 98433	DEPT OF THE ARMY B CO ARMS 2/75 RANGER BATTALION FT LEWIS WA 98433

CUST NO: 062072 C.O.L.D L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐ CLEAN/TEST	PROM. DATE	ESTIMATED	VIA R765480543
----------------	--------------------	---	------------	-----------	-------------------

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

REFINISH BBL - Re
 REPLACE STOCK Assy
 REFINISH TRIG GUARD

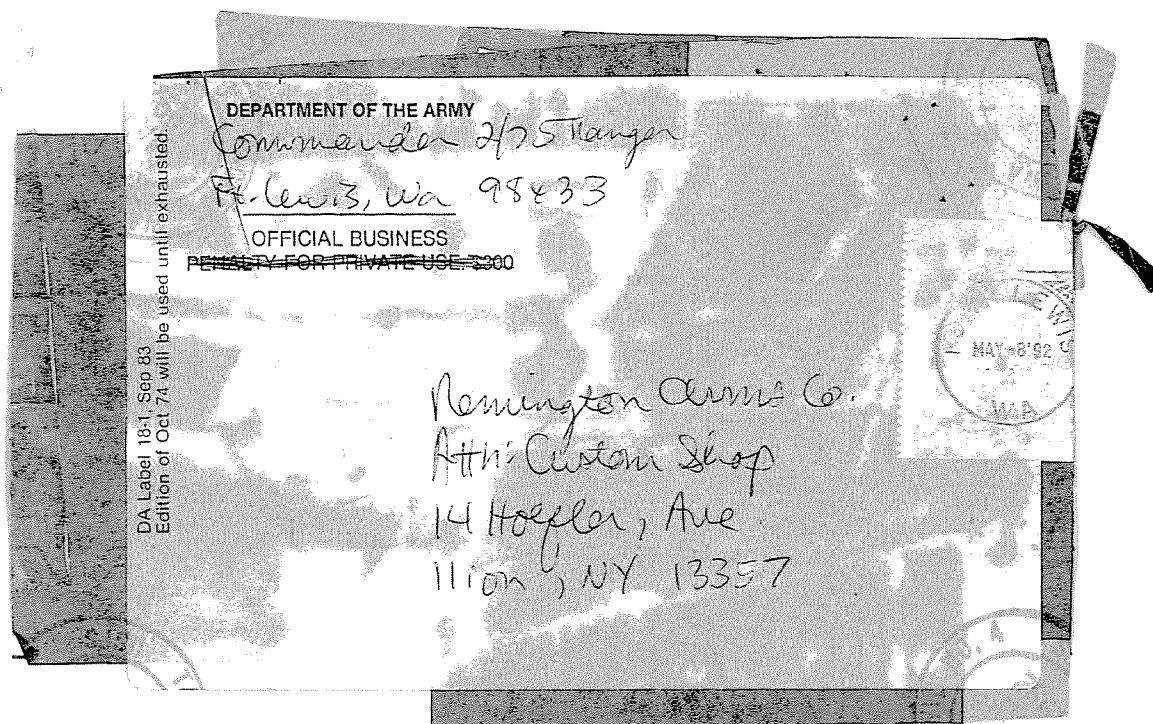
PARTS	COMMENTS					
	W68PXX 21690002					
	W68PXX					
	Acct. Prop OFFICER					
	Maj. FLATBUSH 357-4577					
	W52H092171#227					
	REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
	GALLERY TESTER	DATE	DATE	DATE	DATE	DATE

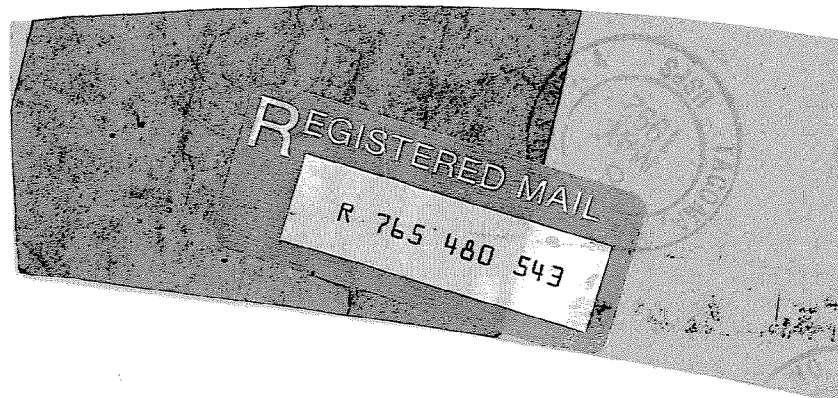
OFFICE COPY

RD6925 REV. 1/92

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0084189 84228





FROM
B CO ARTIS
2175 RANGER BATTALION
FT. LEWIS, WA 98433

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225070

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	9 12	8 8	FB
600	Proof	9 19	8 8	RW
607	Check Headspace	9 19	8 8	RW
610	Dis-assemble Gun	9 19	8 8	RW
612	Magnaflux Barrel Action		9 22 88	pfe
	Magnaflux Bolt		9 22 88	pfe.
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coating (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/4/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/4/88	RW
	C) Inspect Ejector Hole for Chamfer		11/4/88	RW
	D) Oil Firing Pin Ass'y		11/4/88	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9 00 88	JS

BARBER - M24 0084195								
op. #	OP. NAME	READINGS					DATE	INITIAL
625 cont.	F) Safety On Force	5	5	5			9 Nov 88	JS
	G) Safety Off Force	3	3	3			9 Nov 88	JS
	H) Trigger Pull Test & Retainability						9 Nov 88	JS
	I) Firing Pin Indent	0205	0205	0205			9 Nov 88	JS
	J) Assemble Stock						11/10/88	RW
	K) Assemble Swivel Studs						11/10/88	RW
	L) Attach Front and Rear Sight Assemblies						11/10/88	RW
	M) Iron Sight Alignment						11/10/88	RW
	N) Detach Front & Rear Sights & place in numbered container						11/10/88	RW
	O) Attach Scope to Rifle						11/15/88	WB
	P) Detach & Attach Scope 20 Times						11/15/88	WB
640	Gallery Target & Test	54 R	98 L				11/16/88	DH
	A) Time							
	B) Malfunctions							
	C) Pierced Primers							
	D) Optical Clarity of Scope						11/16/88	DH
645	Inspect for Live Ammo						11/16/88	DH
655	Final Inspection							
	A) Headspace						30 Nov 88	JS
	B) Trigger Pull	2.75	2.69	2.67	2.65	2.66	30 Nov 88	JS
	C) Function						30 Nov 88	JS
660	Pack						14 Dec 88	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225070

DATE 9/10/88

TESTER JUL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.30	2.39	2.75	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.23	2.38	2.47	2.69	
PULL #3	2.26	2.32	2.46	2.67	
PULL #4	2.22	2.39	2.41	2.65	
PULL #5	2.27	2.28	2.47	2.66	
TOTAL	11.41	11.67	11.80	13.32	
AVG.	2.282	2.334	2.36	2.664	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.30	3.27		
PULL #2	3.36	3.33		
PULL #3	3.29	3.36		
PULL #4	3.30	3.36		
PULL #5	3.32	3.36		
TOTAL	16.57	16.68		
AVG.	3.314	3.336		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.12	3.99		4.00
PULL #2	4.05	4.00		4.21
PULL #3	4.07	4.02		4.15
PULL #4	4.04	4.05		4.22
PULL #5	4.09	4.05		4.18
TOTAL	20.37	20.11		20.76
AVG.	4.074	4.022		4.152

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225076

CENTROIDAL DISTANCES

0 TO	1	.253779
1 TO	2	.139176
1 TO	3	.476555
1 TO	4	.501866
1 TO	5	.284431

神 <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0158
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0912
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0925565
 THE AMR FOR THIS RIFLE IS: .863

17 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225070

CENTERFIRE PATTERNS

1

POR

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN 1" CIR

1" = 4

2" = 6

3" = 9

HM = 0.0000

VM = 1.0000

GM = 0.0000

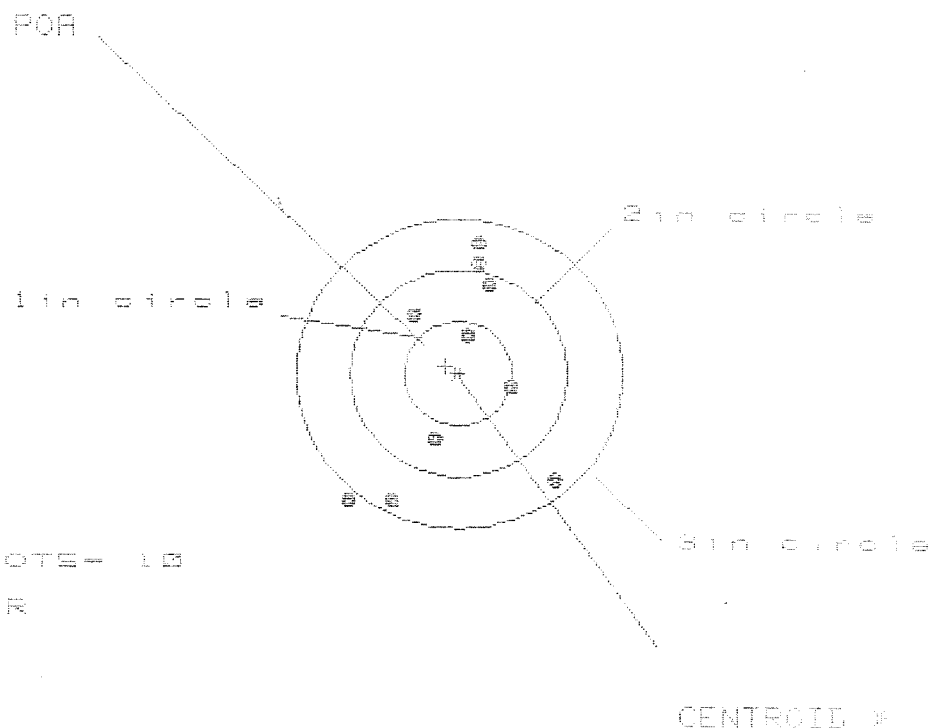
CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.264	1.112	.951
MINIMUM X	-1.428	-1.287	-1.060
MAXIMUM Y	1.008	.424	.437
MINIMUM Y	-.827	-.714	-.701
CENTROID X	.292	.111	.272
CENTROID Y	-.030	-.143	-.156
POR TO CENTROID in.	.254	.181	.314
MIN RADIUS	.076	.136	.054
MEAN RADIUS	.828	.733	.639
MAX RADIUS	1.617	1.322	1.181
HORIZONTAL SPREAD	2.692	2.399	2.011
VERTICAL SPREAD	1.835	1.138	1.138
EXTREME SPREAD	2.877	2.536	2.297
NUMBER IN ONE INCH CIRCLE =		4	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

17 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225073

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 9

HS = 1.875

VS = 2.499

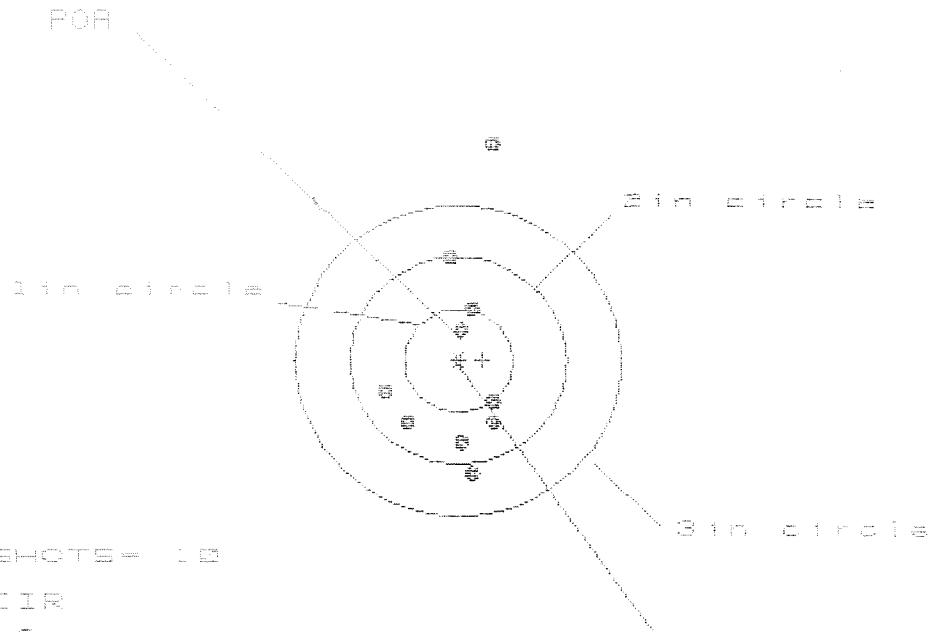
GS = 2.716

PATTERN #	1	2	3
SPOTS (BEST OF)	10	9	8
MAXIMUM X	.983	.795	.506
MINIMUM X	-.972	-.696	-.596
MAXIMUM Y	1.291	1.159	1.011
MINIMUM Y	-1.208	-1.340	-1.488
CENTROID X	.119	.227	.127
CENTROID Y	-.071	.061	.209
POA TO CENTROID in.	.132	.235	.245
MIN RADIUS	.399	.250	.148
MEAN RADIUS	.985	.892	.791
MAX RADIUS	1.534	1.510	1.603
HORIZONTAL SPREAD	1.875	1.491	1.102
VERTICAL SPREAD	2.499	2.499	2.499
EXTREME SPREAD	2.716	2.604	2.604
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

17 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/08225070

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 8

3in = 9

HS= 1.041

VS= 3.172

GS= 3.177

CENTROID #

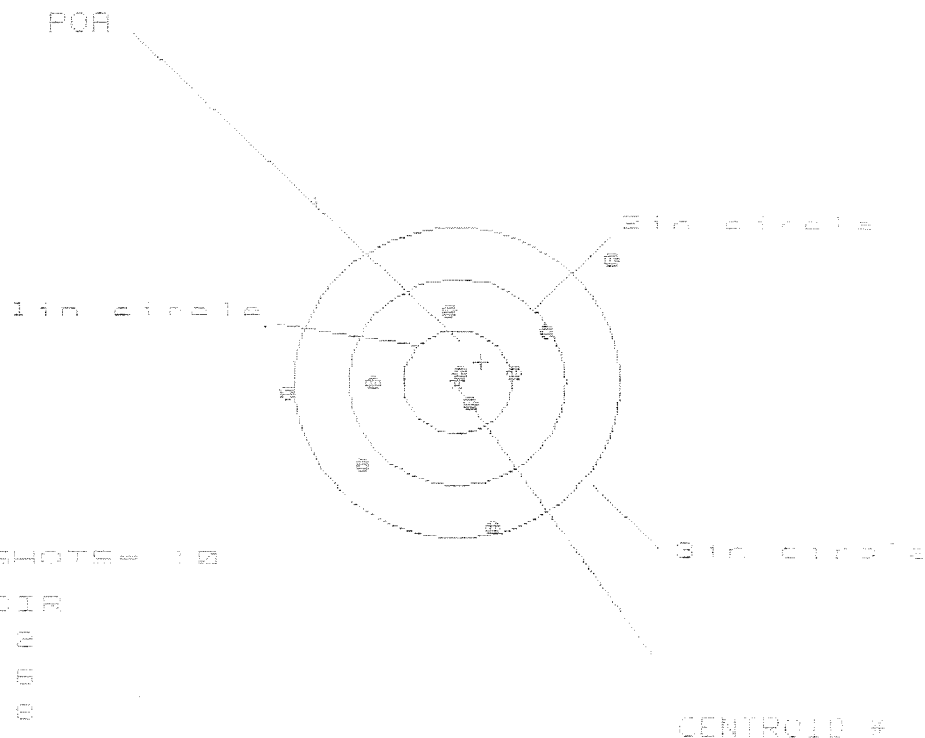
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.355	.390	.416
MINIMUM X	-.686	-.647	-.621
MAXIMUM Y	2.074	1.237	1.119
MINIMUM Y	-1.098	-.867	-.690
CENTROID X	-.224	-.263	-.289
CENTROID Y	-.007	-.238	-.130
POA TO CENTROID in.	.224	.355	.317
MIN RADIUS	.260	.412	.388
MEAN RADIUS	.851	.678	.653
MAX RADIUS	2.105	1.228	1.119
HORIZONTAL SPREAD	1.041	1.037	1.037
VERTICAL SPREAD	3.172	2.094	1.809
EXTREME SPREAD	3.177	2.109	1.811
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		8	
NUMBER IN THREE INCH CIRCLE =		9	

17 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/05225078

CENTERFIRE PATTERNS

4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.252

VS= 2.602

GS= 3.216

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.422	.965	.792
MINIMUM X	-1.541	-1.383	-.882
MAXIMUM Y	1.151	.803	.808
MINIMUM Y	-1.451	-1.323	-1.319
CENTROID X	-.223	-.381	-.208
CENTROID Y	-.192	-.320	-.325
POA TO CENTROID in.	.294	.498	.387
MIN RADIUS	.081	.271	.119
MEAN RADIUS	.925	.847	.746
MAX RADIUS	1.839	1.428	1.362
HORIZONTAL SPREAD	2.963	2.348	1.675
VERTICAL SPREAD	2.602	2.126	2.126
EXTREME SPREAD	3.216	2.415	2.175
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

17 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225079

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS = 12

IN CIR

1in = 2

2in = 7

3in = 10

HE = 1.817

VE = 2.240

GE = 2.510

CENTROID *

PATTERN #	1	5	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.097	.485	.436
MINIMUM X	-.720	-.598	-.647
MAXIMUM Y	1.053	1.136	.998
MINIMUM Y	-1.187	1.104	-.621
CENTROID X	-.060	-.125	-.075
CENTROID Y	-.150	.239	-.101
POR TO CENTROID (in.)	.150	.269	.127
MIN RADIUS	.141	.097	.079
MEAN RADIUS	.734	.652	.585
MAX RADIUS	1.325	1.235	1.089
HORIZONTAL SPREAD	1.817	1.083	1.083
VERTICAL SPREAD	2.240	2.240	1.619
EXTREME SPREAD	2.510	2.403	1.947
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	10	

MAINTENANCE REQUEST

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

PAGE NO.

NO. OF PAGES

REQUIREMENT CONTROL SYMBOL

CSGLD-1047(R1)

SECTION I - EQUIPMENT DATA

CONTROL NUMBER

WORK ORDER NUMBER

WESDC

ORG PD

PD AUTHENTICATION

02

K. Williams

☒ WORK REQUEST☐ MWO☐ WARRANTY CLAIM

1a. ORGANIZATION

B. Co 275 Rqr. Regt

b. LOCATION

Ft Lewis Co

c. UNIT IDENT CODE

W173MBU

2. SERIAL NO.

C6225070

3. NOUN NOMENCLATURE

7.62 Snapper

4. LINE NO.

5. MODEL

M24

6. NATIONAL STOCK NUMBER

1005-91-2402136

7. MAINTENANCE ACTIVITY

a. LEVEL

8. UTILIZATION CODE

9. MCSR ITEM

a. ERC

b. PACING ITEM

10. HOURS

11. MILES

12. ROUNDS

13. STARTS

14. FAILURE DETECTED DURING (Select one - use $\checkmark$ or X)☐ A Scheduled Maintenance☐ C Test☐ E Storage☐ G Flight☐ 068 Inoperative☐ 258 Overheating☐ 790 Out of Adjustment☐ B Handling☒ D Normal Op☐ F Inspection☐ H Other☐ 008 Noisy☐ 387 Low Performance☒ Other

16. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs)

Cracked/Broken Stock

16a. REMARKS

SECTION II - WORK ACCOMPLISHED

17a. REPAIR ORGANIZATION/ACTIVITY

c. UNIT IDENT CODE

18. TYPE ORGANIZATION/ACTIVITY AC-
COMPLISHING WORK (Select one - use $\checkmark$ or X)

19. AMS ACCOUNT CODE

b. LOCATION

☐ 1 TOE☐ 2 TD☐ 3 CONTRACTOR20a.
ACT
CODEFAILURE
CODE
b

c. COMPONENT/PART NOUN, SVC, OR MWO NO.

d. CB CODE

e. REF DESIGNATOR

f. MFR CODE

MANHOURS
(Hrs & tenths)
gNATIONAL STOCK NUMBER
hPART SOURCE
CODE
iQTY
jPARTS COST
k

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

28. DISPOSITION (Select one)

☐ A To User☐ C Salvaged☐ B To Stock☐ D Evacuated☐ E Cannibalization

JULIAN DATE

JULIAN DATE

JULIAN DATE

JULIAN DATE

JULIAN DATE

FORM
MAY 81 2407

EDITION OF JUL 79 IS OBSOLETE.

NMP COPY 2

MATERIAL INSPECTION AND RECEIVING REPORT						Form Approved OMB No. 0704-0248 Expires Dec 31, 1990	
Public reporting burden for this collection of information is estimated to average 35 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0248), Washington, DC 20503.							
1. PROC. INSTRUMENT IDEN. (CONTRACT)		2. (ORDER) NO.		6. INVOICE		7. PAGE OF	
DAAA21-87-G-0001		0022L		RAC0011		1 1	
2. SHIPMENT NO.		3. DATE SHIPPED		4. B/L		5. DISCOUNT TERMS	
RAC0011		30 JUL 92 E		TCN		H	
9. PRIME CONTRACTOR CODE 3A703 REMINGTON ARMS CO INC 14 HOEFLER AVE ILION, N.Y. 13357				10. ADMINISTERED BY CODE S3306A DCMAO - SYRACUSE 615 ERIE BLVD WEST SYRACUSE, N.Y. 13204-2408			
11. SHIPPED FROM (If other than 9) CODE 3A703 REMINGTON ARMS CO INC 14 HOEFLER AVE ILION, N.Y. 13357				12. PAYMENT WILL BE MADE BY CODE SC1016 DFAS - COLUMBUS BUNKER HILL DIVISION PO BOX 182077 COLUMBUS, OH, 43218-2077			
13. SHIPPED TO CODE W68PXX ACCOUNTABLE PROPERTY OFFICER ATTN: MR. FLATBOHU 357-4577 FT LEWIS, WA. 98433				14. MARKED FOR CODE W68PXX ACCOUNTABLE PROPERTY OFFICER ATTN: MR FLATBO 357-4577 FT LEWIS, WA. 98433			
15. ITEM NO.	16. STOCK/PART NO. (Indicate number of shipping containers - type of container - container number.)	DESCRIPTION		17. QUANTITY SHIP/REC'D *	18. UNIT	19. UNIT PRICE	20. AMOUNT
0007 AA	REPLACE STOCK ASSEMBLY P/N 96018			1	EA	\$522.04	\$522.04
0007 AB	REFINISH TRIGGER GUARD P/N 96099			1	EA	\$ 33.17	\$ 33.17
0002 AG	EXPEDITING FEE			1	EA	\$ 55.00	\$ 55.00
	POSTAGE & HANDLING 1 CARTON - U.S MAIL WGT: MILSTRIP W52H092171H227			1		\$30.80	\$30.80
21. PROCUREMENT QUALITY ASSURANCE				22. RECEIVER'S USE			
☒ PQA ☒ ACCEPTANCE of listed items has been made by me or under my supervision and they conform to contract, except as noted herein or on supporting documents. 92 Jul 30 <i>Bernard Riley</i> DATE SIGNATURE OF AUTH GOVT REP TYPED NAME AND OFFICE: BERNARD RILEY S3306A				☐ PQA ☐ ACCEPTANCE of listed items has been made by me or under my supervision and they conform to contract, except as noted herein or on supporting documents. DATE SIGNATURE OF AUTH GOVT REP TYPED NAME AND TITLE			
23. CONTRACTOR USE ONLY				* If quantity received by the Government is the same as quantity shipped, indicate by (✓) mark, if different, enter actual quantity received below quantity shipped and encircle.			
SERIAL #: C6225070 FRED MARTIN CONTRACT COORDINATOR/GOVT. SALES REMINGTON ARMS CO INC ILION, NEW YORK 13357 PHONE: 315-894-9961 EXT. 282							

RECEIVED BARBER - M24 0084206

COMMENTS

ORDER
R 94-24905

INITIAL
JJM

M-24 SNIPER

DATE RECEIVED 08/29/94	DATE OPENED 08/30/94	DATE CODE DI 9-88	SERIAL NUMBER C6225070	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES SCOPE MNTS SCOPE BASE						

FROM:

DEPT OF THE ARMY
B CO ARMS
2/75 RANGER BATTALION
FT LEWIS

WA 98433

SHIP TO:

DEPT OF THE ARMY
B CO ARMS
2/75 RANGER BATTALION
FT LEWIS

WA

98433

CUST NO: 062072 C.D.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			G1	D3	E5	F5
METAL			G2			

MAIN FAULT

New Barrel

PARTS

COMMENTS

Barrel - 96003
Mag Spring - 15627

Repowder Coat Trigger Guard
Assy, Front & Rear Sight Bases
Re-line Scope Base, Rings &
Swivel Studs

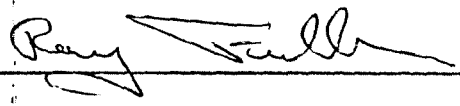
REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
<i>RW</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>	
GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
<i>RW</i>	<i>9/1/94</i>	<i>9/12/94</i>	<i>9/12/94</i>	<i>9/12/94</i>	

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0084206 84245

BARBER - M24 0084207 PACKING LIST		PACKED BY <i>Mr. Ray Fuller</i> <i>WG-10 Bn. Armorer.</i>	1. NO. BOXES <i>1</i>	2a. REQUISITION NO. <i>94240</i>	
				2b. ORDER NO.	
3. END ITEM <i>7.62mm 1724 Sniper Weapons System (SW5)</i>			4. DATE <i>26 July 1994</i>		
			5. PAGE <i>1</i> OF <i>1</i> PAGES		
BOX NO. (a)	CONTENTS - STOCK NUMBER AND NOMENCLATURE (b)	UNIT OF ISSUE (c)	QUANTITIES REQUIRED		
			INITIAL OPERATION (d)	RUNNING SPARES (e)	TOTAL (f)
1	<i>7.62mm 1724 Sniper Weapon System (SW5) Serial No. <u>C6225070</u></i> <i>NSN: 1005-01-240-2136</i> <i>Note: All Optic Scope Ring mounts Packed</i>	<i>Ea</i>			<i>1</i>
6. THIS CERTIFIES THAT ITEMS LISTED HEREON ARE WITHIN THE SPECIFIED BOXES					
TYPED NAME AND TITLE <i>Ray Fuller WG-10 Bn. Armorer</i>			SIGNATURE 		

DD FORM 1 SEP 70 1750

MAINTENANCE REQUEST				PAGE NO. <u>1</u>		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. <u>94240</u>		WESDC		ORG. PD <u>02</u>		PD AUTHENTICATION <i>[Signature]</i>				
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION <u>Bn Arms HHC</u> <u>275 RGR RGT</u>		B. LOCATION <u>Fort Lewis Wa</u>				C. UNIT IDENT CODE <u>WH3MFA</u>				
2. SERIAL NO. <u>C6225070</u>		3. NOUN NOMENCLATURE <u>1724 SWF</u>		4. LINE NO.		5. MODEL <u>124</u>		6. NATIONAL STOCK NUMBER <u>1045-01-240-2136</u>				
7A. MAINTENANCE ACTIVITY <u>Remington Arms Co.</u> <u>Custom Shop</u>		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM		
10. HOURS		11. MILES		12. ROUNDS		13. STARTS						
14. FAILURE DETECTED DURING (Select one - use ☒ or X)						15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)						
☐ A Sch. Main.		☒ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating		
☐ 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). <u>This weapon has fired over 12,000 Rds During Bench Rest Test Fire at 200/300 Yds</u> <u>groups were still exceeding the criteria of 2.6" at 200 to 3.8" at 300 Yds (5-10.527 Groups)</u> <u>This criteria was provided us by Mr Jim Glenn FARCE USN 880-7071</u>												
B. REMARKS <u>Request ReBoreling and Complete Weapon Reconditioning</u>												
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		22. Data Transcribed						
23. SUBMITTED BY <u>Ray Faller</u>		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)		
JULIAN DATE <u>4235</u>		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged		

Final Inspection

Sn: C6225070

DATE REC'D: 8/29/94

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:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225070
15 Sep 1994

CENTROIDAL DISTANCES

0 TO	1	.354035
1 TO	2	.403586
1 TO	3	.785148
1 TO	4	.360212
1 TO	5	.45284

$\frac{5 \times 10^3}{1}$ <----POI

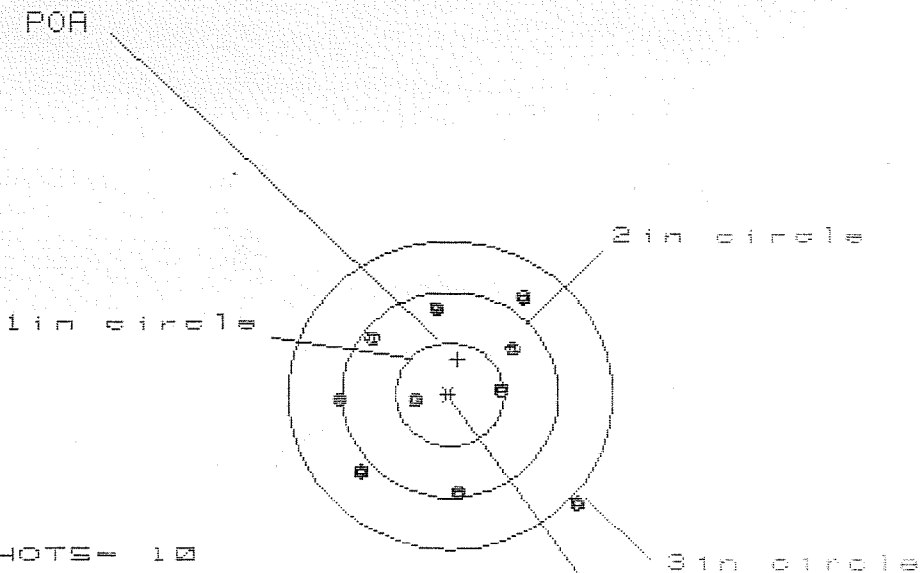
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0056
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0102
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0116362

THE AMR FOR THIS RIFLE IS: .9632

15 Sep 1994

FILE:/PATTERNING/CENTERFIRE_PATT/C8225070

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS = 2.245

VS = 2.058

GS = 2.484

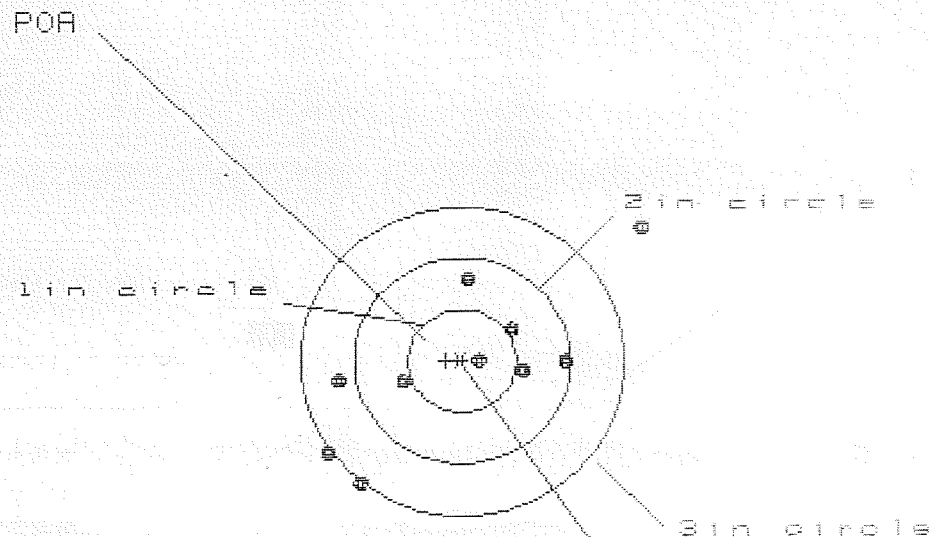
PATTERN # : 1

SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.173	.815	.768
MINIMUM X	:	-1.072	-.941	-.840
MAXIMUM Y	:	.978	.858	.844
MINIMUM Y	:	-1.080	-1.042	-.934
CENTROID X	:	-.075	-.206	-.307
CENTROID Y	:	-.346	-.226	-.334
POA TO CENTROID in.	:	.354	.306	.454
MIN RADIUS	:	.289	.216	.069
MEAN RADIUS	:	.908	.813	.750
MAX RADIUS	:	1.594	1.183	.980
HORIZONTAL SPREAD	:	2.245	1.756	1.607
VERTICAL SPREAD	:	2.058	1.900	1.778
EXTREME SPREAD	:	2.484	2.300	1.801
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS= 2.900

VS= 2.506

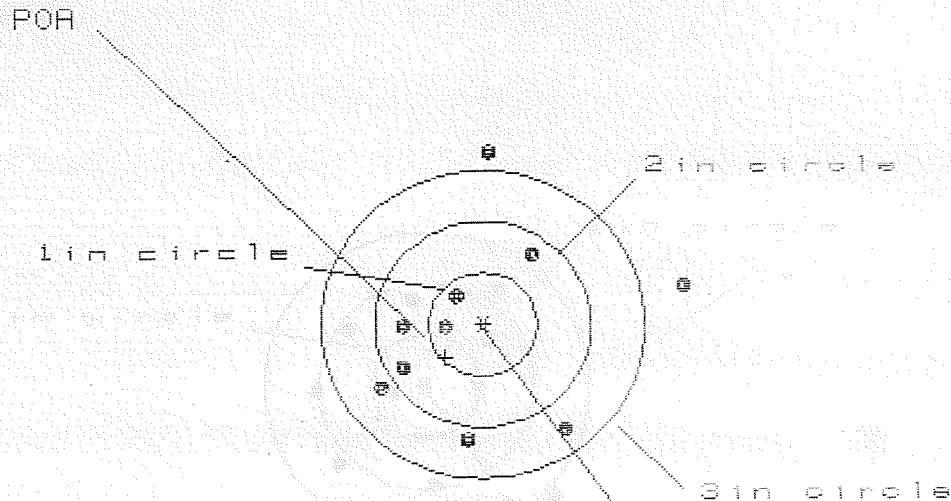
GS= 3.652

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.699	1.131	1.004
MINIMUM X	:	-1.201	-1.012	-1.101
MAXIMUM Y	:	1.339	.933	.842
MINIMUM Y	:	-1.167	-1.018	-1.109
CENTROID X	:	.144	-.045	.082
CENTROID Y	:	-.007	-.156	-.065
POA TO CENTROID in.	:	.144	.162	.104
MIN RADIUS	:	.143	.365	.214
MEAN RADIUS	:	.983	.869	.787
MAX RADIUS	:	2.163	1.249	1.395
HORIZONTAL SPREAD	:	2.900	2.143	2.105
VERTICAL SPREAD	:	2.506	1.951	1.951
EXTREME SPREAD	:	3.652	2.325	2.199
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.771

VS= 2.809

GS= 2.944

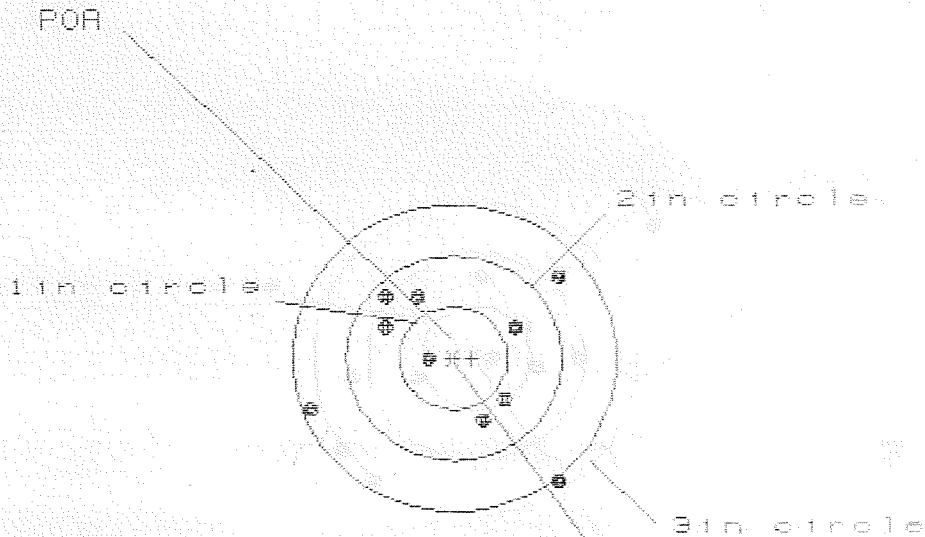
CENTROID *

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.832	.931	.967
MINIMUM X	-.939	-.736	-.700
MAXIMUM Y	1.726	1.773	.993
MINIMUM Y	-1.083	-1.036	-.815
CENTROID X	.344	.141	.185
CENTROID Y	.318	.271	.050
POA TO CENTROID in.	.469	.306	.116
MIN RADIUS	.356	.148	.232
MEAN RADIUS	1.018	.859	.732
MAX RADIUS	1.879	1.795	1.230
HORIZONTAL SPREAD	2.771	1.667	1.667
VERTICAL SPREAD	2.809	2.809	1.808
EXTREME SPREAD	2.944	2.818	1.930
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS= 2.341

VS= 2.009

GS= 2.688

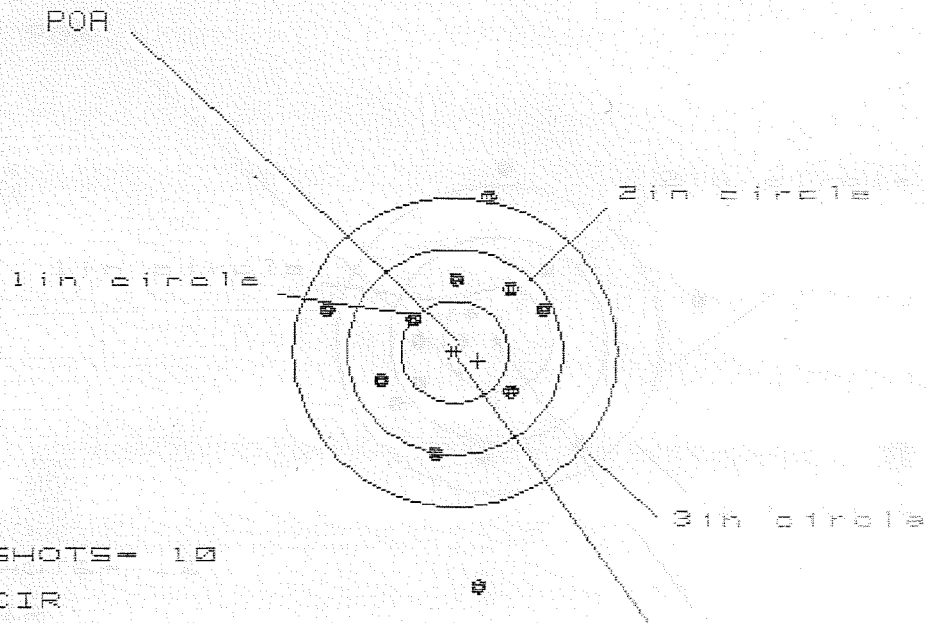
CENTROID *

PATTERN #	4	5	6
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.016	1.126	1.974
MINIMUM X	-1.325	-1.215	-1.713
MAXIMUM Y	.825	.694	.615
MINIMUM Y	-1.184	-1.772	-1.851
CENTROID X	-.168	-.278	-.126
CENTROID Y	-.002	-.133	-.212
POA TO CENTROID in.	.168	.308	.246
MIN RADIUS	.275	.268	.378
MEAN RADIUS	.882	.786	.718
MAX RADIUS	1.541	1.368	1.152
HORIZONTAL SPREAD	2.341	2.341	1.687
VERTICAL SPREAD	2.009	1.466	1.466
EXTREME SPREAD	2.688	2.688	1.757
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

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CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 7

3 in = 9

HS= 1.921

VS= 3.781

GS= 3.781

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.781	.807	.844
MINIMUM X	-1.140	-1.114	-1.077
MAXIMUM Y	1.469	1.212	.612
MINIMUM Y	-2.312	-1.234	-1.083
CENTROID X	-.217	-.243	-.280
CENTROID Y	.084	.341	.190
POR TO CENTROID in.	.233	.419	.338
MIN RADIUS	.517	.397	.407
MEAN RADIUS	1.025	.841	.791
MAX RADIUS	2.324	1.247	1.121
HORIZONTAL SPREAD	1.921	1.921	1.921
VERTICAL SPREAD	3.781	2.446	1.694
EXTREME SPREAD	3.781	2.484	1.921
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	7	
NUMBER IN THREE INCH CIRCLE	=	9	

CONTRACT # DAAA21-87-C-0086

New Barrel

GUN SERIAL # C6225070

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		9/1/94	RW
600	Proof		9/1/94	RW
607	Check Headspace		9/1/94	RW
610	Dis-assemble Gun		9/1/94	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		9/12/94	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/12/94	RW
	C) Inspect Ejector Hole for Chamfer		9/12/94	RW
	D) Oil Firing Pin Ass'y		9/12/94	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	BARBER - M24 0084217 OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force							
	G) Safety Off Force							
	H) Trigger Pull Test & Retainability							
	I) Firing Pin Indent							
	J) Assemble Stock							
	K) Assemble Swivel Studs							
	L) Attach Front and Rear Sight Assemblies							
	M) Iron Sight Alignment							
	N) Detach Front & Rear Sights & place in numbered container							
	O) Attach Scope to Rifle							
	P) Detach & Attach Scope 20 Times							
640	Gallery Target & Test						9/12/04	WB
	A) Time						9/12	WB
	B) Malfunctions						9/12/04	WB
	C) Pierced Primers						9/12/04	WB
	D) Optical Clarity of Scope						9/12/04	WB
645	Inspect for Live Ammo						9/12/04	RW
655	Final Inspection						9/14/04	RW
	A) Headspace						9/14/04	RW
	B) Trigger Pull	2.52	2.85	2.92	2.90	2.90	9/14/04	RW
	C) Function						9/14/04	RW
660	Pack							