

C6522134

MODEL 700TM M24

Model **SMS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

SV 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: **RE00092952** Serial: 08522134 Model: M24 SWS Center Fire
 Verify Repair: [REDACTED] Caliber: 7.62 NATO Produced: 12/13/1990
 Repairman: [REDACTED] Status: Closed 2/16/2005 11:45:2 PM

Address Information

Customer: [REDACTED] Received From: [REDACTED] Return To: [REDACTED] Received From: [REDACTED]

Name: **DEF DIST DEPOT ANNISTON** **DEF DIST DEPOT ANNISTON**

Address 1: [REDACTED] Address 2: [REDACTED] PO Box: [REDACTED]

City: **ANNISTON** **ANNISTON**

State: **AL** Zip Code: **362014199** Country: **US** State: **AL** Zip Code: **362014199** Country: **US**

PFL: [REDACTED]

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: [REDACTED] Fax: [REDACTED] Email: [REDACTED] Comments: [REDACTED]

Received Condition: Good: [REDACTED] Condition Notes: [REDACTED] CSR Notes: [REDACTED]

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Front and Rear Sgt Base	1

Repair Search Refresh Close

maglev 2/14/2005 9:10 AM CAPS INUM JMS SCPL

start 5 2 4

Serial Number: **C6522134**

Model: **M24 SWS**



RE00092952

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522134.__0
FILE DATE AND TIME: 04/25/2005 08:38

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

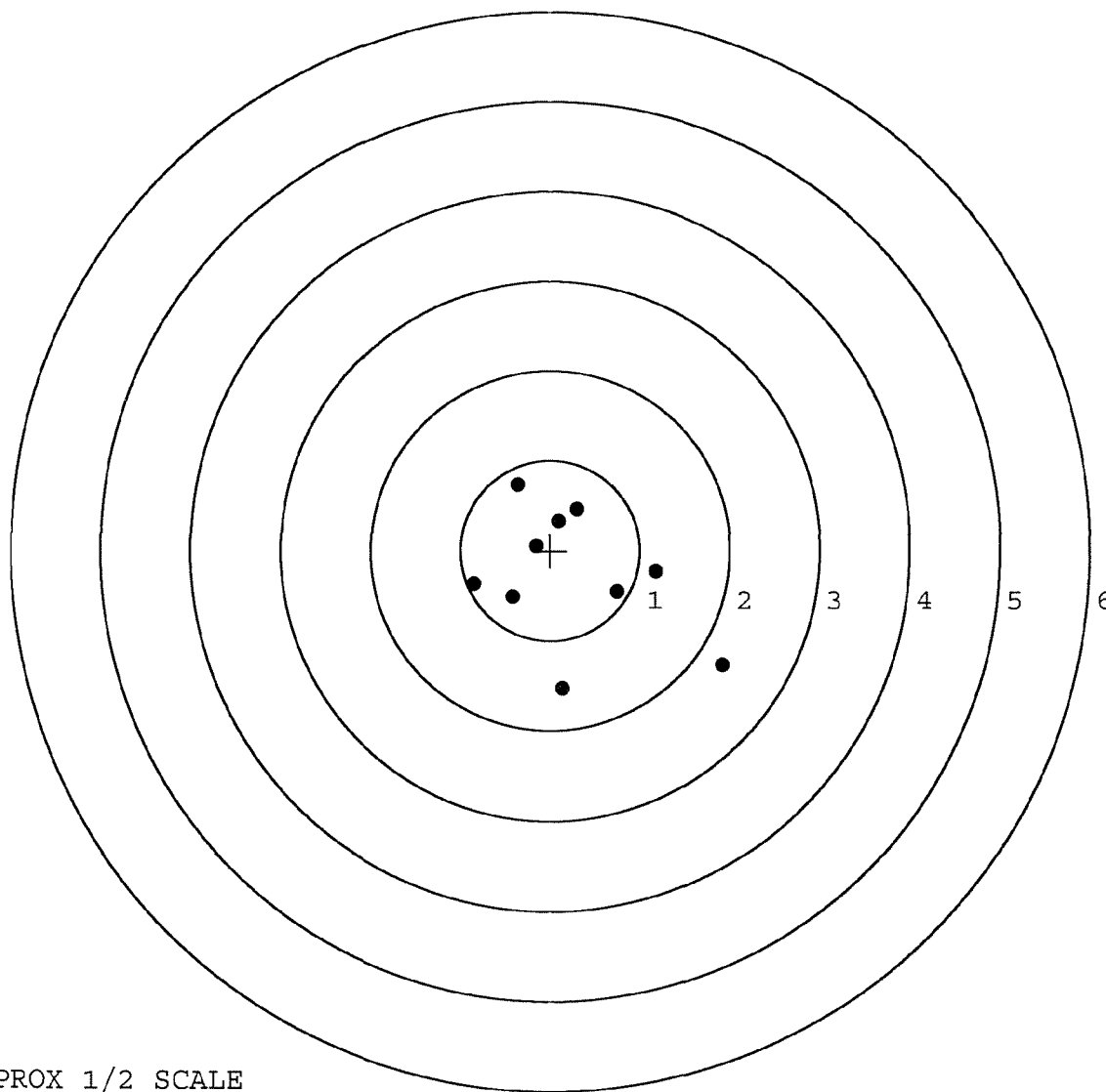
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

ave. mean .977

SERIAL NUMBER: C6522134. __ 0
TARGET NUMBER: 1
FILE DATE: 04/25/2005
FILE TIME: 08:38

X CENTROID: 0.256
Y CENTROID: -0.285
POA TO CENTROID: 0.384
HORZ SPREAD: 2.778
VERT SPREAD: 2.272
GROUP SPREAD: 3.044
MIN RADIUS: 0.525
MAX RADIUS: 1.936
MEAN RADIUS: 0.958
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.919	-1.277
2:	0.749	-0.465
3:	1.179	-0.238
4:	0.138	-1.544
5:	-0.426	-0.517
6:	-0.859	-0.370
7:	-0.156	0.050
8:	0.091	0.321
9:	0.299	0.458
10:	-0.372	0.728

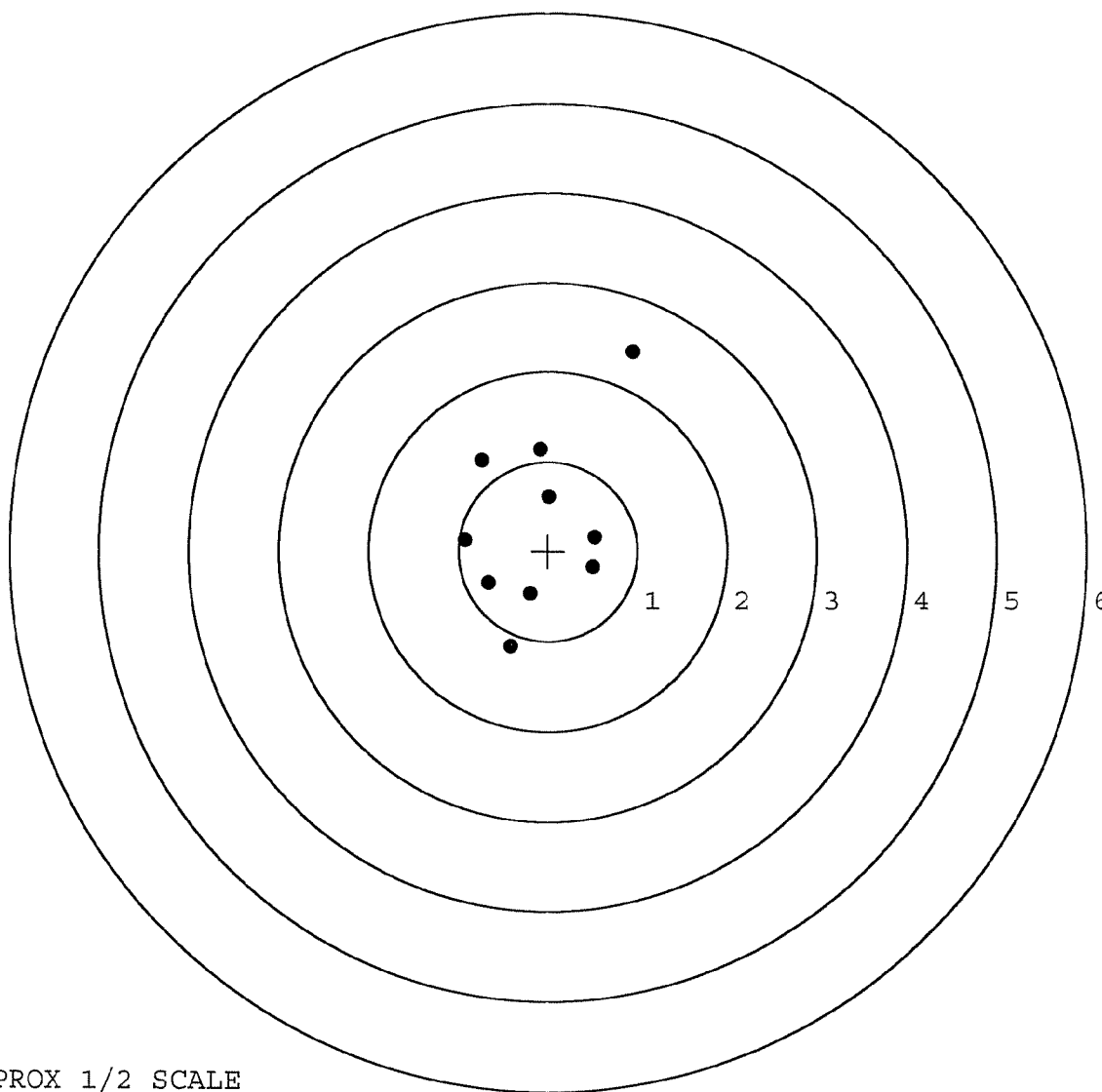


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522134.____0
TARGET NUMBER: 2
FILE DATE: 04/25/2005
FILE TIME: 08:38

POINT#	X	Y
1:	0.505	-0.183
2:	0.525	0.156
3:	-0.422	-1.064
4:	-0.203	-0.476
5:	-0.667	-0.354
6:	-0.929	0.121
7:	0.011	0.609
8:	-0.092	1.137
9:	-0.743	1.017
10:	0.952	2.218

X CENTROID: -0.106
Y CENTROID: 0.318
POA TO CENTROID: 0.335
HORZ SPREAD: 1.881
VERT SPREAD: 3.282
GROUP SPREAD: 3.558
MIN RADIUS: 0.314
MAX RADIUS: 2.175
MEAN RADIUS: 0.963
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

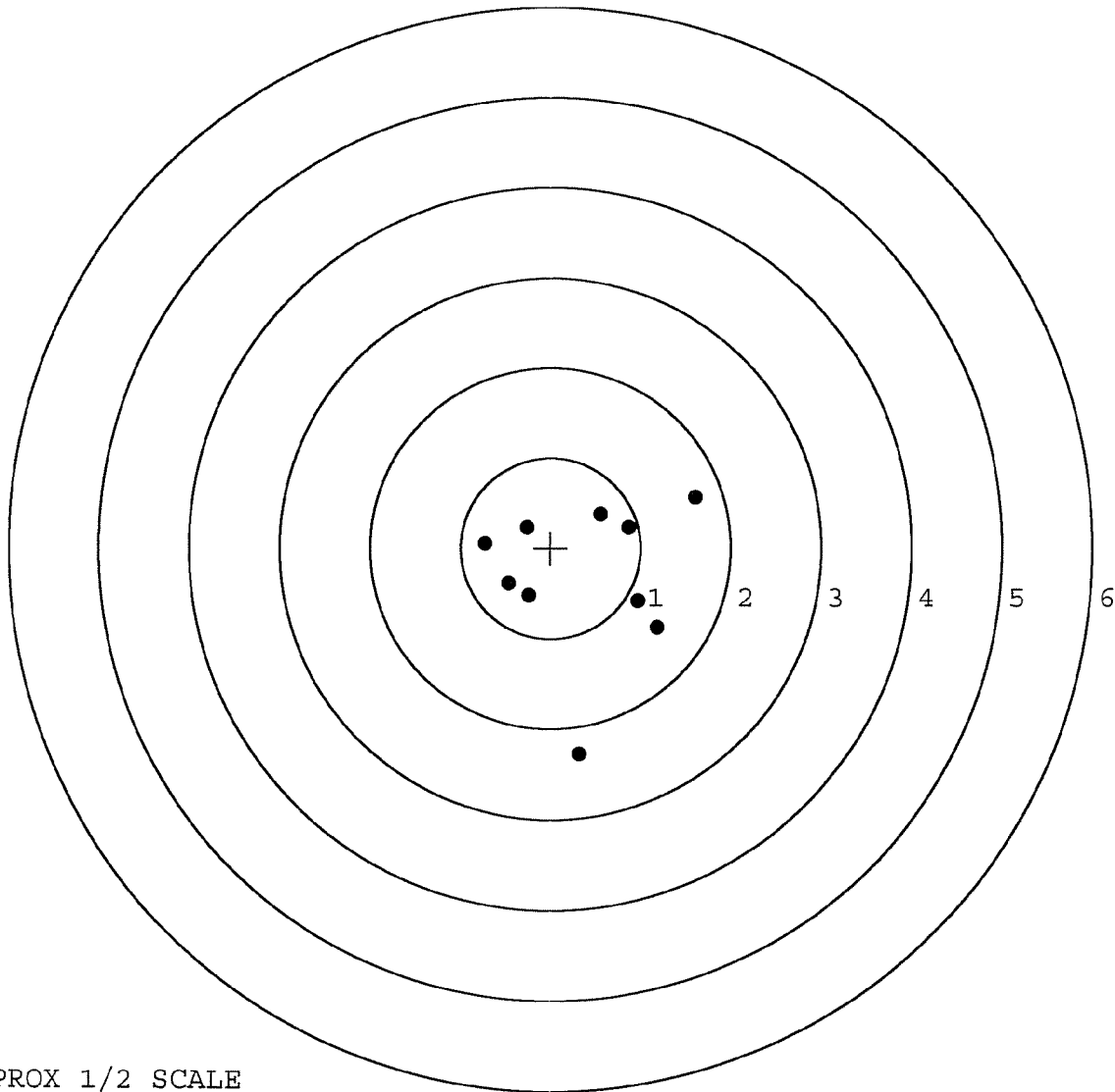


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522134.____0
TARGET NUMBER: 3
FILE DATE: 04/25/2005
FILE TIME: 08:38

POINT#	X	Y
1:	0.325	-2.290
2:	1.185	-0.886
3:	0.968	-0.592
4:	1.606	0.561
5:	0.872	0.228
6:	0.557	0.378
7:	-0.264	0.232
8:	-0.730	0.047
9:	-0.470	-0.399
10:	-0.241	-0.527

X CENTROID: 0.381
Y CENTROID: -0.325
POA TO CENTROID: 0.501
HORZ SPREAD: 2.336
VERT SPREAD: 2.851
GROUP SPREAD: 3.126
MIN RADIUS: 0.645
MAX RADIUS: 1.966
MEAN RADIUS: 1.010
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92952				
SERIAL NUMBER	C10522134				
LOG-IN DATE	2-10-05				
INSPECT AND VERIFY:					
OPERATION #	OPERATION NAME	DATE	INITIAL		
550	DIS-ASSEMBLE GUN				
560 A	RE-BARREL				
B	DRILL AND TAP				
575	ASSEMBLE				
600	PROOF				
605	CHECK HEADSPACE				
610	DIS-ASSEMBLE GUN				
612	MAGNAFLUX				
615	ROLLMARK CALIBER				
618	ROTO-BLAST				
620	APPLY COATINGS				
625 A	FINAL ASSEMBLY				
B	TRIGGER PULL TEST				
C	SAFETY "ON" FORCE			4-26-05	AC
D	SAFETY "OFF" FORCE			4-26-05	AC
E	FIRING PIN INDENT	4-26-05	AC		
640	TARGET Test poA	4-25-05	TRW		
655	FINAL INSPECT	4-26-05	AC		
660	PACK	4-27-05	DA		
		SHIP DATE			
QAR INSPECTION DATE					

Remington®



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

MODEL 700™ H24

SERIAL NO.
C6522134

ORDER NO.
5716

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

01



5716 C6522134

UPC



0 47700 25716 7

MOD. _____ GA. _____ GUN# 26522134
 CAL. _____ # _____

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	shaver broke	RW
	2nd	100 Rds OK	DH
	3rd	Oct 31, 1990	
	4th		

FUNCTION RD 6854 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	<i>Ream Ejector Hole Polish Ejector</i>	<i>10/ 30/ 40 RW</i>
TEST		
TGT		
PROOF		
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522134

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	9 25	90	RW
600	Proof	9 25	90	RW
607	Check Headspace	9 25	90	RW
610	Dis-assemble Gun	9 25	90	RW
612	Magnaflux Barrel Action		9-26-90	KR
	Magnaflux Bolt		9-26-90	KR
615	Rollmark Caliber		9-26-90	RLS
617	Drill and Tap Sight Holes		9/28/90	LB
618	Polish Barrel RB		10/1/90	WB
620	Apply Coatings (Barrel Action)		10-5-90	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		10/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/8/90	RW
	C) Inspect Ejector Hole for Chamfer		10/8/90	RW
	D) Oil Firing Pin Ass'y		10/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		10/11/90	RL

op. #	OP. NAME	READINGS			DATE	INIT		
625 cont.	F) Safety On Force	5 1/2	5 1/2	5 1/2	10/11/90	WB		
	G) Safety Off Force	2 3/4	2 3/4	2 3/4	10/11/90	WB		
	H) Trigger Pull Test & Retainability				10/11/90	RU		
	I) Firing Pin Indent	.0235	.0235	.0235	10/11/90	WB		
	J) Assemble Stock				10/17/90	RW		
	K) Assemble Swivel Studs				11-28-90	JS		
	L) Attach Front and Rear Sight Assemblies				10/17/90	RW		
	M) Iron Sight Alignment				10/17/90	RW		
	N) Detach Front & Rear Sights & place in numbered container				10/17/90	RW		
	O) Attach Scope to Rifle				10/17/90	RW		
	P) Detach & Attach Scope 20 Times				10/17/90	RW		
640	Gallery Target & Test				10-19-90	AC		
	A) Time				10-19-90	AC		
	B) Malfunctions				10-19-90	AC		
	C) Pierced Primers				10-19-90	AC		
	D) Optical Clarity of Scope				10-19-90	AC		
645	Inspect for Live Ammo				10-19-90	AC		
655	Final Inspection							
	A) Headspace				11-20-90	JS		
	B) Trigger Pull	221	221	223	225	224	11-20-90	JS
	C) Function						11-20-90	JS
660	Pack						12/13/90	VF

SWS TRIGGER PULL TEST

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

SERIAL NO. C 6522134

DATE 10/11/90

TESTER JU

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.36	2.29	2.28	221	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.27	2.28	2.30	221	
PULL #3	2.37	2.33	2.28	223	
PULL #4	2.38	2.34	2.29	225	
PULL #5	2.37	2.27	2.35	224	
TOTAL	11.75	11.51	11.5		
AVG.	2.35	2.302	2.3		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.43	3.35		
PULL #2	3.20	3.36		
PULL #3	3.33	3.49		
PULL #4	3.26	3.52		
PULL #5	3.31	3.50		
TOTAL	16.53	17.22		
AVG.	3.306	3.444		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.25	4.29		4.09
PULL #2	4.22	4.26		4.34
PULL #3	4.23	4.32		4.37
PULL #4	4.20	4.29		4.43
PULL #5	4.48	4.34		4.43
TOTAL	21.3	21.5		21.66
AVG.	4.26	4.3		4.332

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522134
22 Oct 1990

CENTROIDAL DISTANCES

0 TO	1	.106019
1 TO	2	.212174
1 TO	3	.456071
1 TO	4	.341248
1 TO	5	.225743

$\frac{34}{36}$ <----POA

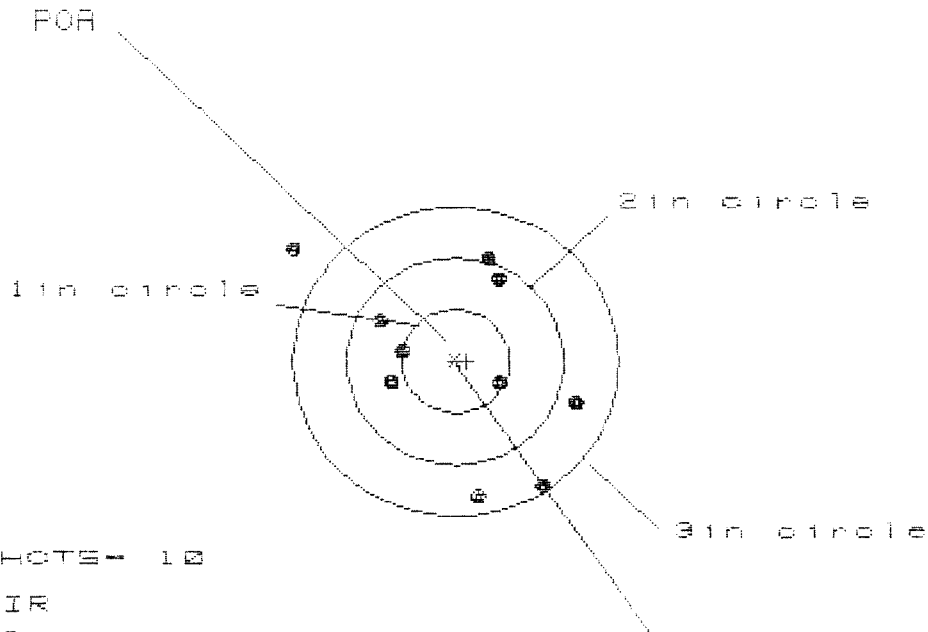
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.102
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .145
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .177282
THE AMR FOR THIS RIFLE IS: .9626

22 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522134

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.671

VS= 2.361

GS= 3.311

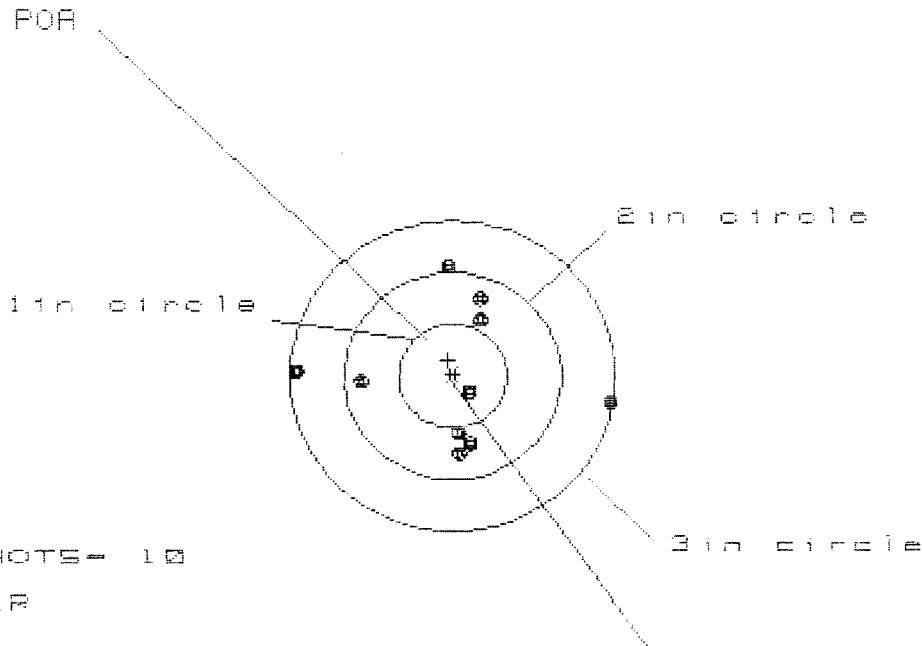
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.145	.975	1.060
MINIMUM X	-1.526	-.834	-.749
MAXIMUM Y	1.071	1.129	.990
MINIMUM Y	-1.290	-1.171	-1.310
CENTROID X	-.106	.064	-.022
CENTROID Y	.002	-.117	.022
POB TO CENTROID in.	.106	.133	.031
MIN RADIUS	.446	.239	.392
MEAN RADIUS	1.022	.923	.960
MAX RADIUS	1.865	1.307	1.314
HORIZONTAL SPREAD	2.671	1.809	1.909
VERTICAL SPREAD	2.361	2.300	2.300
EXTREME SPREAD	3.311	2.309	2.303
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

22 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522134

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 1

2in = 7

3in = 10

HS= 2.954

VS= 1.839

GS= 2.969

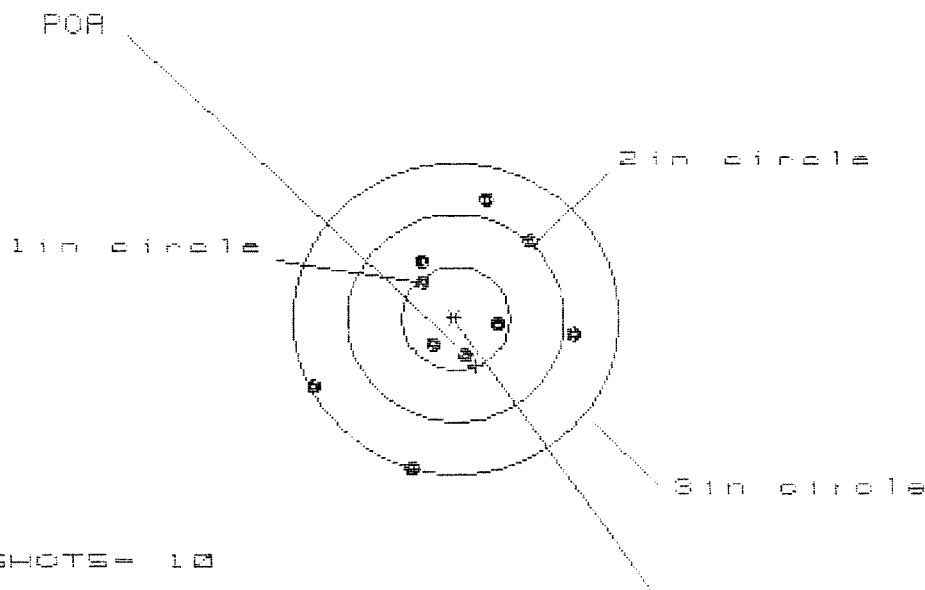
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.473	.414	.250
MINIMUM X	:	-1.481	-1.317	-.864
MAXIMUM Y	:	1.048	1.017	1.016
MINIMUM Y	:	-.791	-.822	-.923
CENTROID X	:	.041	-.122	.042
CENTROID Y	:	-.151	-.120	-.119
POA TO CENTROID in.	:	.157	.172	.126
MIN RADIUS	:	.218	.362	.242
MEAN RADIUS	:	.854	.793	.698
MAX RADIUS	:	1.499	1.317	1.019
HORIZONTAL SPREAD	:	2.954	1.731	1.114
VERTICAL SPREAD	:	1.839	1.839	1.839
EXTREME SPREAD	:	2.969	1.866	1.848
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522134

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 4

2 in = 5

3 in = 10

HS= 2.401

VS= 2.533

GS= 2.613

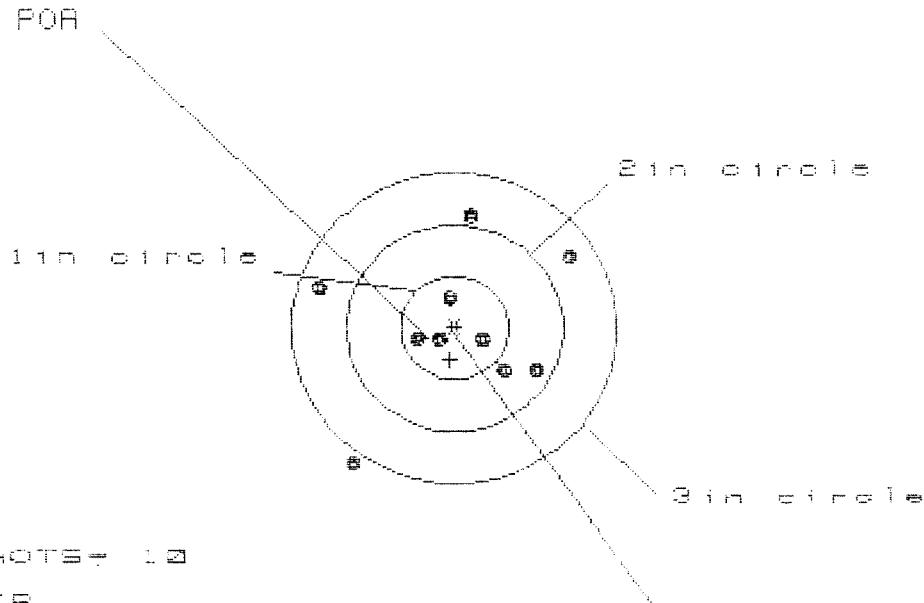
CENTROID *

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.050	.900	.832
MINIMUM X	:	-1.351	-.545	-.515
MAXIMUM Y	:	1.118	1.049	.863
MINIMUM Y	:	-1.415	-1.484	-.645
CENTROID X	:	-.186	-.036	.032
CENTROID Y	:	.451	.520	.706
POR TO CENTROID in.	:	.488	.521	.706
MIN RADIUS	:	.315	.274	.365
MEAN RADIUS	:	.845	.762	.658
MAX RADIUS	:	1.487	1.581	.910
HORIZONTAL SPREAD	:	2.401	1.445	1.347
VERTICAL SPREAD	:	2.533	2.533	1.508
EXTREME SPREAD	:	2.613	2.613	1.520
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

22 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/06522134

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1in = 4

2in = 5

3in = 6

HS = 3.347

VS = 2.370

CS = 2.815

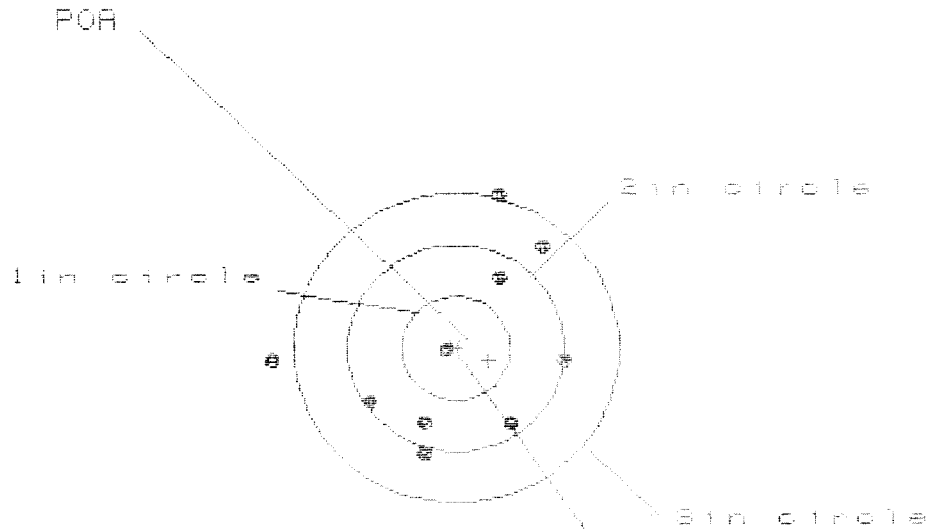
CENTROID #

PATTERN #	4	5	6
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.079	.980	.889
MINIMUM X	-1.268	-1.367	-1.644
MAXIMUM Y	1.062	.917	.940
MINIMUM Y	-1.308	-1.591	-1.559
CENTROID X	.043	.142	.313
CENTROID Y	.309	.454	.422
POA TO CENTROID in.	.312	.476	.526
MIN RADIUS	.222	.213	.188
MEAN RADIUS	.797	.712	.628
MAX RADIUS	1.585	1.391	.999
HORIZONTAL SPREAD	2.347	2.347	1.453
VERTICAL SPREAD	2.370	1.508	1.508
EXTREME SPREAD	2.815	2.366	1.663
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

22 Oct 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522134

CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 0

HSE = 2.700

VS = 2.443

GS = 2.747

CENTROID #

PATTERN #	5	5	5
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.005	.816	.842
MINIMUM X	-1.695	-.995	-.969
MAXIMUM Y	1.458	1.445	1.145
MINIMUM Y	-.985	-.998	-.817
CENTROID X	-.302	-.113	-.139
CENTROID Y	.114	.127	-.054
POR TO CENTROID IN.	.323	.170	.149
MIN RADIUS	.072	.261	.287
MEAN RADIUS	.995	.916	.816
MAX RADIUS	1.599	1.460	1.417
HORIZONTAL SPREAD	2.700	1.811	1.711
VERTICAL SPREAD	2.443	2.443	1.711
EXTREME SPREAD	2.747	2.544	2.071
NUMBER IN ONE INCH CIRCLE	1	1	1
NUMBER IN TWO INCH CIRCLE	5	5	5
NUMBER IN THREE INCH CIRCLE	5	5	5

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER

R 94-18356

INITIAL FDC CUSTOMER ORDER NO. DAAA09-92-C-0834

W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN *SCOPE 90-0602*

DATE RECEIVED 06/11/94 DATE OPENED 06/11/94 DATE CODE SERIAL NUMBER C6522134 NEW SERIAL NUMBER MODEL AND GRADE 700 7.62 NATO
ACCESSORIES SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON
AL 36201-5025
AL 36201-5025

CUST NO: 098397 C.O.D.L

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

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

COMMENTS

Trigger Assy 173.31
✓ F.R. Ring pin Assy 9.96
CTI 30.00
\$233.27

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

OFFICE COPY

RD5925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400004319

SWS TRIGGER PULL TEST

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

SERIAL NO. 06522134

DATE _____

TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.74	2.64	2.71		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.67	2.71	2.69		
PULL #3	2.69	2.65	2.68		
PULL #4	2.73	2.62	2.70		
PULL #5	2.74	2.62	2.71		
TOTAL	13.57	13.24	13.49		
AVG.	2.71	2.65	2.70		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.16		
PULL #2	3.24	3.06		
PULL #3	3.26	3.11		
PULL #4	3.15	3.08		
PULL #5	3.14	3.15		
TOTAL	15.91	15.56		
AVG.	3.18	3.11		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.11		4.10
PULL #2	4.02	4.08		4.18
PULL #3	4.14	4.14		4.11
PULL #4	4.16	4.14		4.15
PULL #5	4.16	4.09		4.15
TOTAL	20.67	20.56		20.69
AVG.	4.13	4.11		4.14

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522134

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. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6	6	5 3/4			12/5	WB
	G) Safety Off Force	3	3	3			12/5	WB
	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	2.34	2.36	2.50	2.42	2.54	12/5	WB
	C) Function							
660	Pack							