

C6522157

MODEL 700TM M24

Model S&STM

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

Spread[®]

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: **RE00092544** Serial: C6522157 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 2/7/2005 8:18:52 AM

Verify Repair

Address Information

Customer: Received From: Return To: Received From:

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 36201 4199 Country: US State: AL Zip Code: 36201 4199 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSR Notes:

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

logletj 2/7/2005 10:18 AM CAPS NUM INS SCPL

start 3 2

Serial Number: **C6522157**

Model: **M24 SWS**



RE00092544

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522157.___0

FILE DATE AND TIME: 04/14/2005 07:06

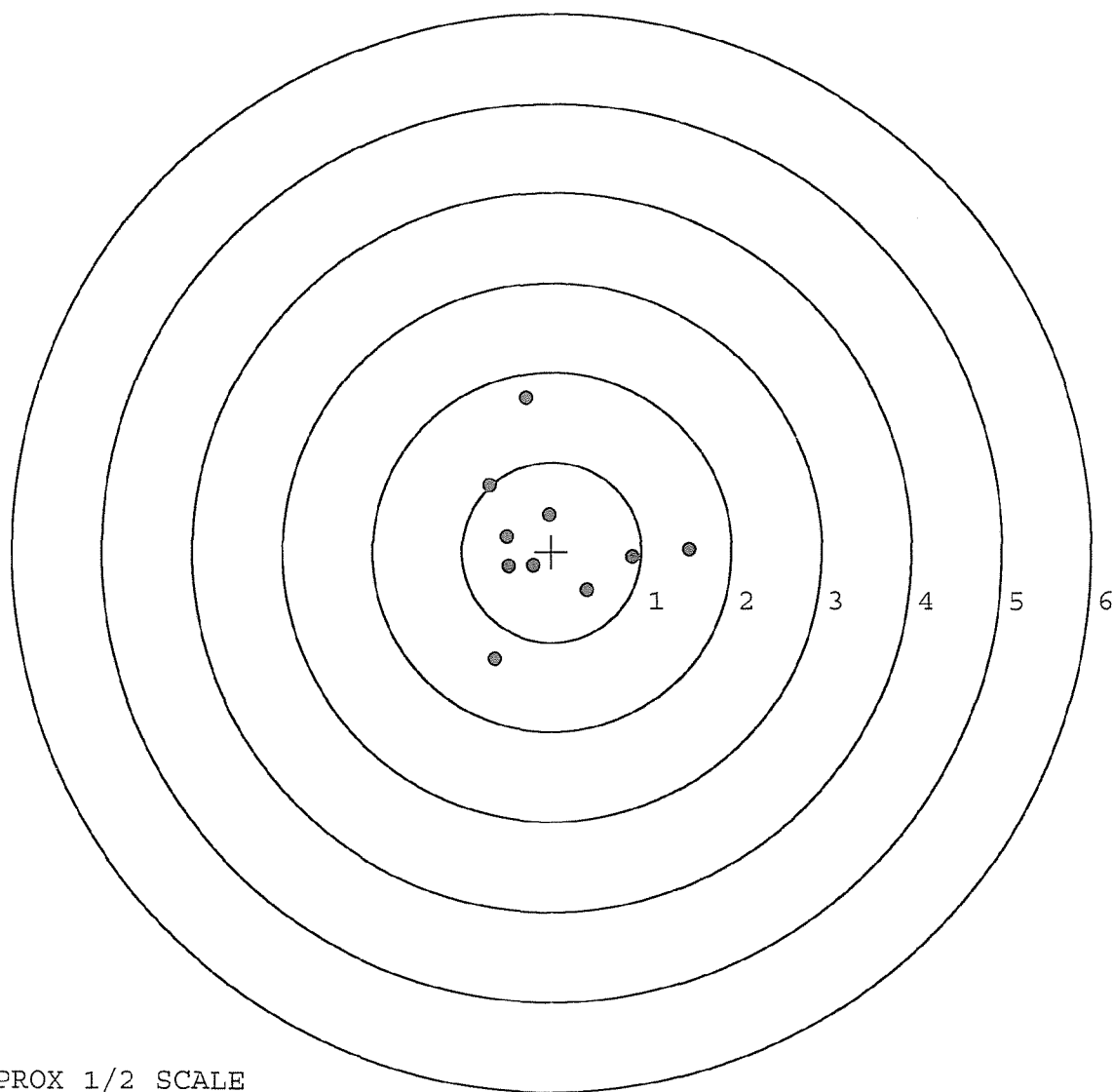
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.026
The Average Y Centroid of the Five Target Set:	-0.020
The Average Point of Impact of the Five Target Set:	0.032
The Average Mean Radius of the Five Target Set:	0.914
The Distance from POA to Centroid Target #1:	0.104
The Distance from Centroid Target #2 to Centroid Target #1:	0.132
The Distance from Centroid Target #3 to Centroid Target #1:	0.113
The Distance from Centroid Target #4 to Centroid Target #1:	0.356
The Distance from Centroid Target #5 to Centroid Target #1:	0.153

SERIAL NUMBER: C6522157. 0
TARGET NUMBER: 1
FILE DATE: 04/14/2005
FILE TIME: 07:06

POINT#	X	Y
1:	1.532	0.025
2:	0.905	-0.071
3:	0.398	-0.428
4:	-0.637	-1.194
5:	-0.696	0.738
6:	-0.285	1.719
7:	-0.032	0.412
8:	-0.505	0.163
9:	-0.203	-0.154
10:	-0.478	-0.173

X CENTROID: 0.000
Y CENTROID: 0.104
POA TO CENTROID: 0.104
HORZ SPREAD: 2.228
VERT SPREAD: 2.913
GROUP SPREAD: 2.934
MIN RADIUS: 0.310
MAX RADIUS: 1.640
MEAN RADIUS: 0.885
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 8

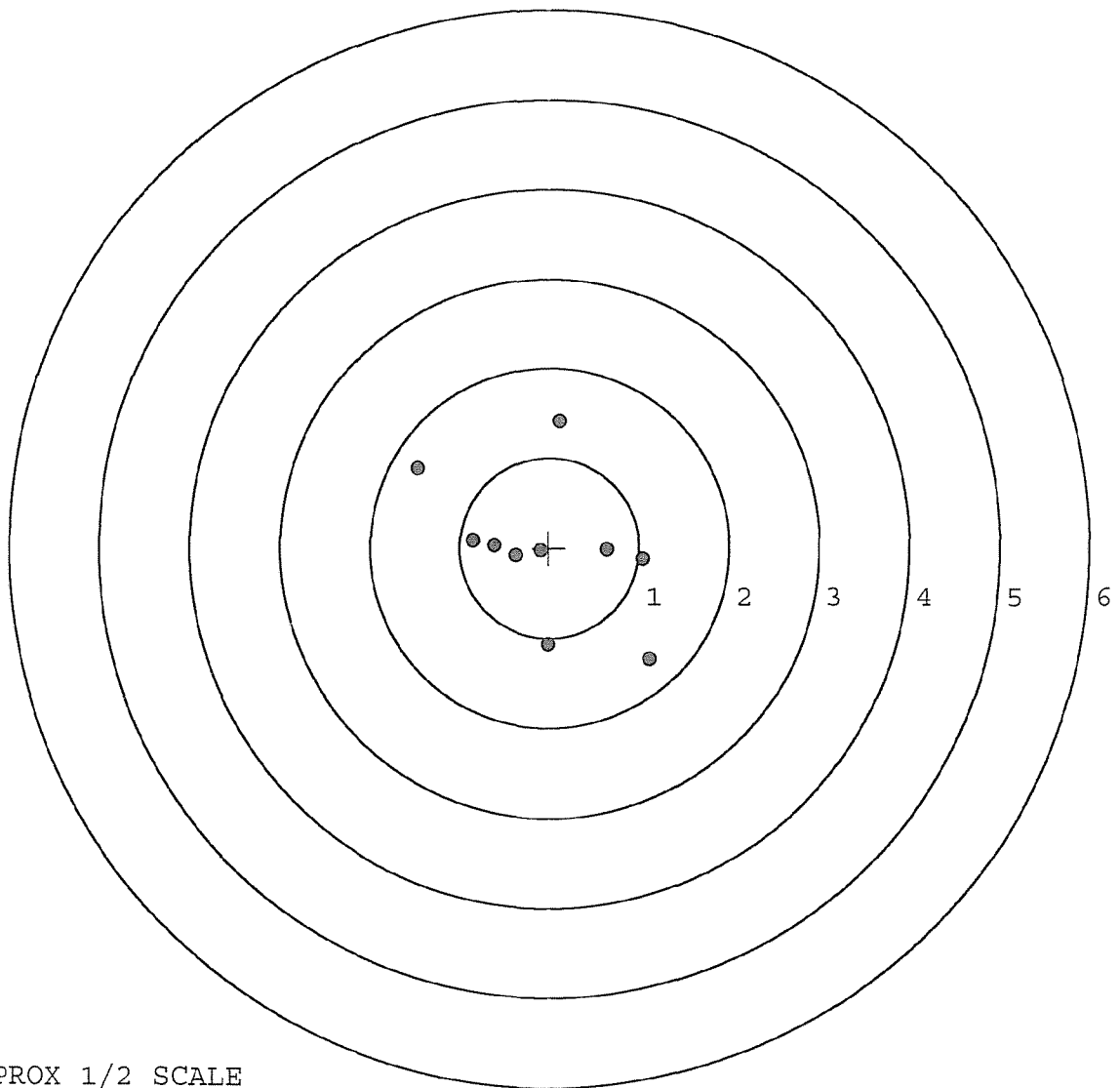


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522157. __0
TARGET NUMBER: 2
FILE DATE: 04/14/2005
FILE TIME: 07:06

X CENTROID: -0.050
Y CENTROID: -0.018
POA TO CENTROID: 0.053
HORZ SPREAD: 2.579
VERT SPREAD: 2.647
GROUP SPREAD: 3.344
MIN RADIUS: 0.050
MAX RADIUS: 1.687
MEAN RADIUS: 0.939
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.109	-1.244
2:	1.046	-0.127
3:	0.640	-0.020
4:	-0.016	-1.074
5:	-0.368	-0.091
6:	-0.099	-0.028
7:	-0.612	0.031
8:	-0.849	0.083
9:	0.122	1.403
10:	-1.470	0.884



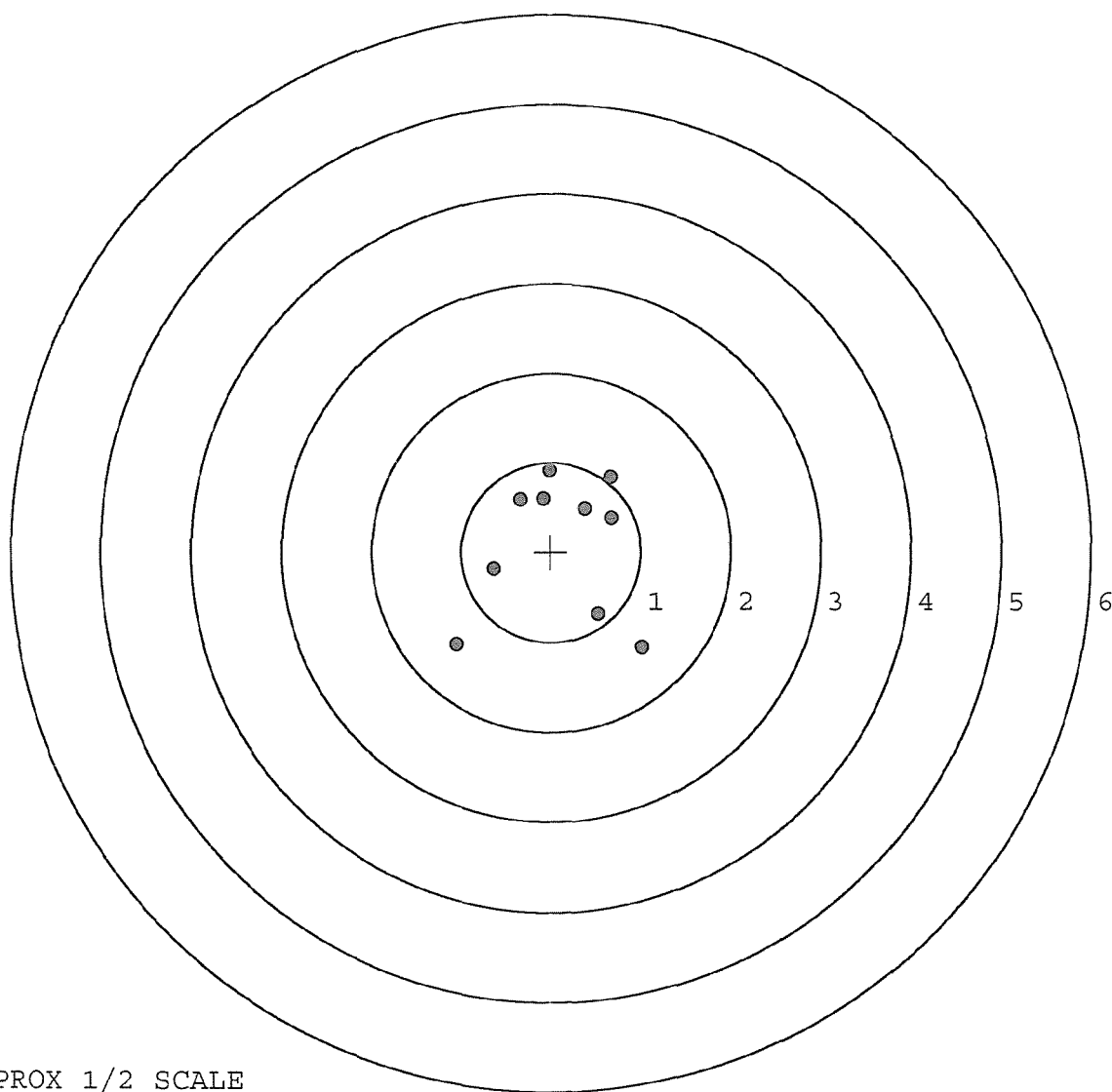
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522157. __0
TARGET NUMBER: 3
FILE DATE: 04/14/2005
FILE TIME: 07:06

X CENTROID: 0.110
Y CENTROID: 0.079
POA TO CENTROID: 0.136
HORZ SPREAD: 2.066
VERT SPREAD: 1.975
GROUP SPREAD: 2.541
MIN RADIUS: 0.484
MAX RADIUS: 1.611
MEAN RADIUS: 0.885

POINT#	X	Y
1:	1.010	-1.066
2:	0.524	-0.692
3:	0.667	0.378
4:	0.375	0.484
5:	0.664	0.837
6:	-0.017	0.909
7:	-0.092	0.588
8:	-0.341	0.581
9:	-0.634	-0.193
10:	-1.056	-1.033

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

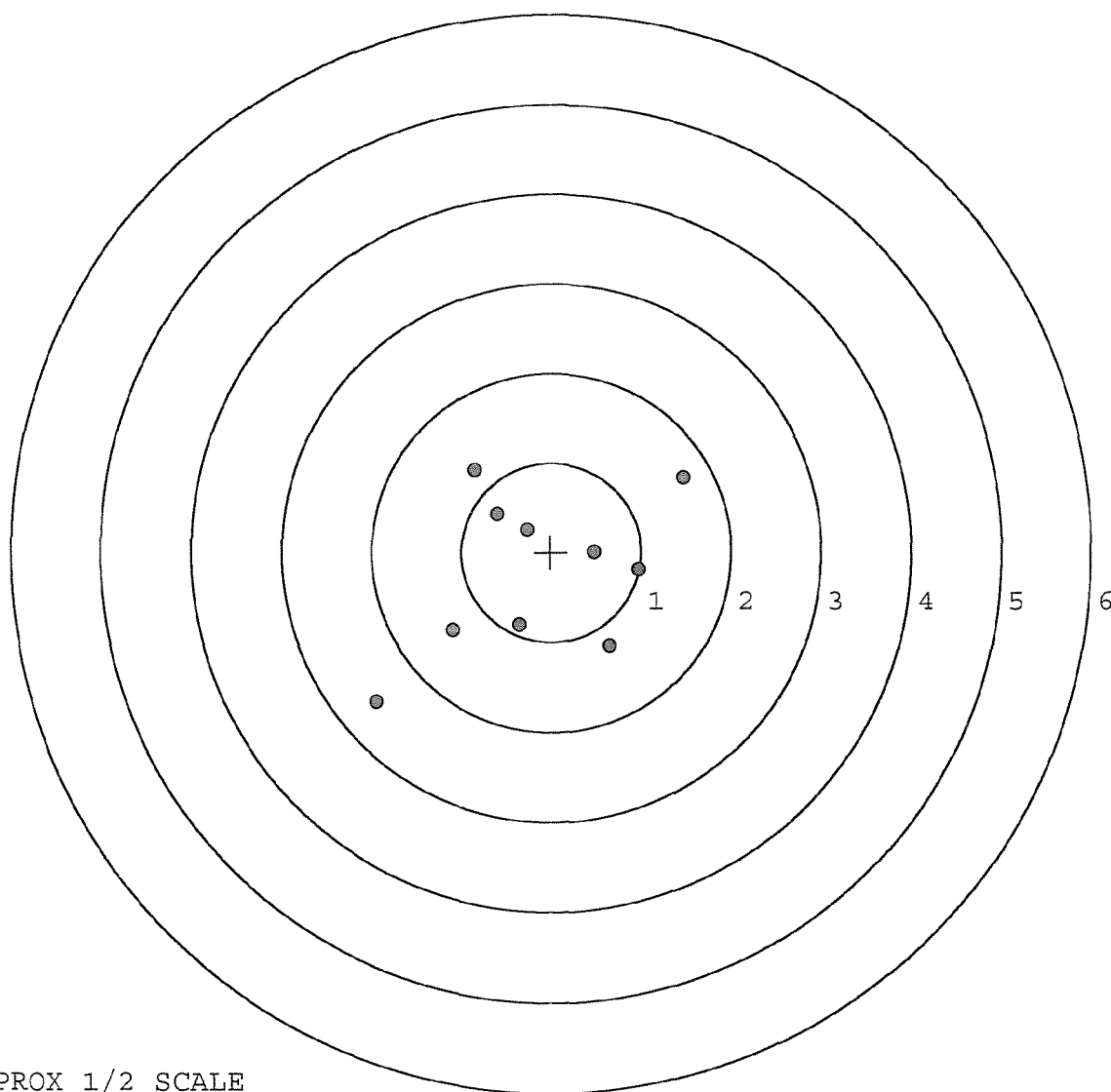


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522157. __0
TARGET NUMBER: 4
FILE DATE: 04/14/2005
FILE TIME: 07:06

X CENTROID: -0.155
Y CENTROID: -0.217
POA TO CENTROID: 0.266
HORZ SPREAD: 3.420
VERT SPREAD: 2.585
GROUP SPREAD: 4.235
MIN RADIUS: 0.479
MAX RADIUS: 2.306
MEAN RADIUS: 1.159
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.469	0.835
2:	0.979	-0.201
3:	0.483	0.003
4:	-0.267	0.249
5:	-0.603	0.432
6:	-0.850	0.922
7:	0.647	-1.052
8:	-0.358	-0.816
9:	-1.096	-0.876
10:	-1.951	-1.663

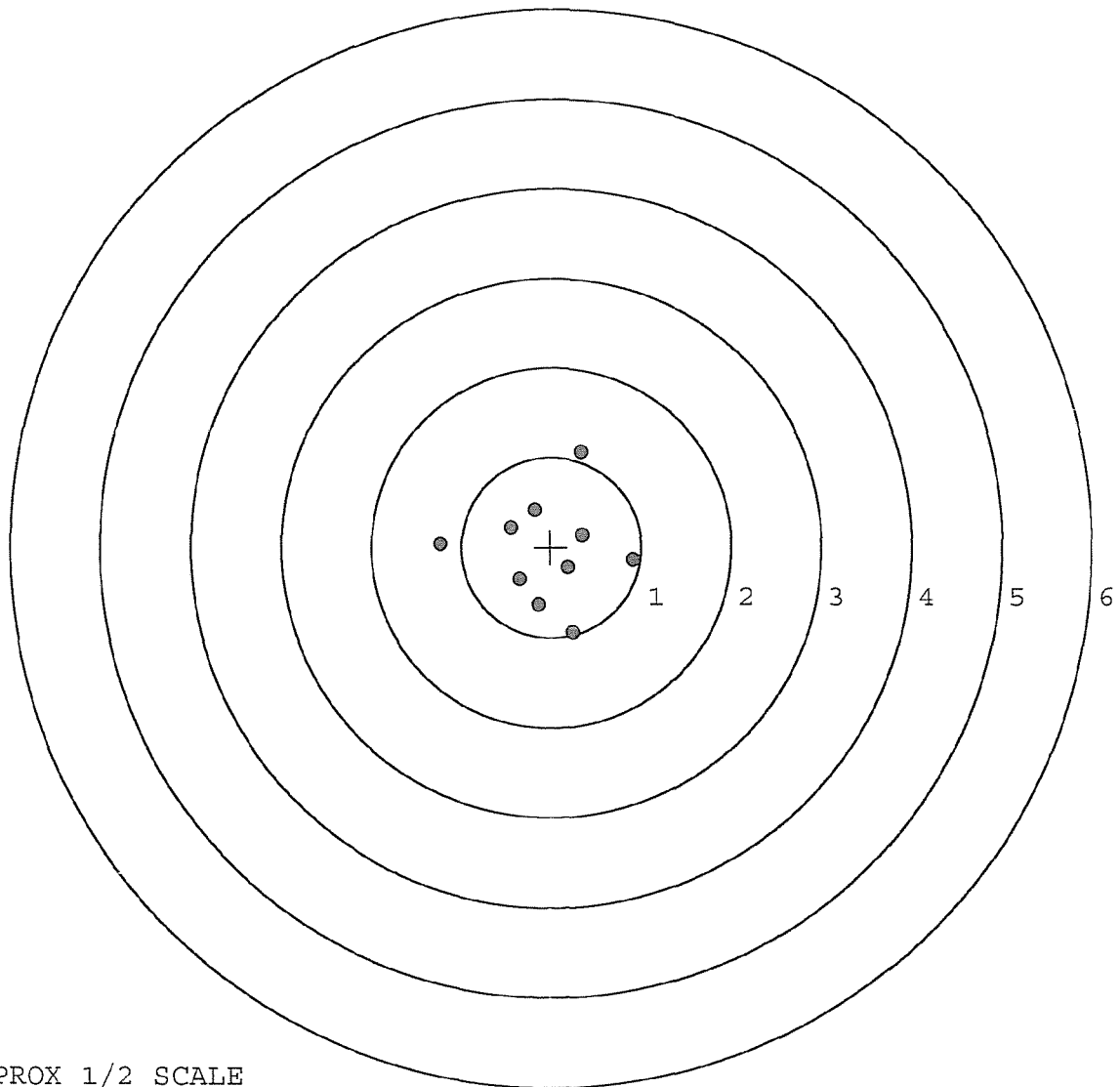


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522157.___0
TARGET NUMBER: 5
FILE DATE: 04/14/2005
FILE TIME: 07:06

X CENTROID: -0.033
Y CENTROID: -0.046
POA TO CENTROID: 0.057
HORZ SPREAD: 2.141
VERT SPREAD: 2.005
GROUP SPREAD: 2.149
MIN RADIUS: 0.289
MAX RADIUS: 1.202
MEAN RADIUS: 0.699
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.909	-0.142
2:	0.344	0.136
3:	0.245	-0.947
4:	0.192	-0.227
5:	0.338	1.058
6:	-0.186	0.413
7:	-0.452	0.214
8:	-1.232	0.038
9:	-0.348	-0.359
10:	-0.142	-0.645



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	92544		
SERIAL NUMBER	C6522157		
LOG-IN DATE	2-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-14-05	RTZ
560 A	RE-BARREL	3-17-05	RTZ
B	DRILL AND TAP	3-21-05	TRLW
575	ASSEMBLE	3-18-05	RTZ
600	PROOF	3-21-05	Ac
605	CHECK HEADSPACE	3-21-05	Ac
610	DIS-ASSEMBLE GUN	3-21-05	RTZ
612	MAGNAFLUX		
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3-29	no
620	APPLY COATINGS	4-5	no
625 A	FINAL ASSEMBLY	4-13-05	RTZ
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-18-05	Ac
D	SAFETY "OFF" FORCE	4-18-05	Ac
E	FIRING PIN INDENT	4-18-05	Ac
640	TARGET	4-14-05	Ac
655	FINAL INSPECT	4-18-05	Ac
660	PACK	4-20-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522157
30 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.0960208
1 TO	2	.684064
1 TO	3	.523963
1 TO	4	.48228
1 TO	5	1.12212

4 5 <----POB
E

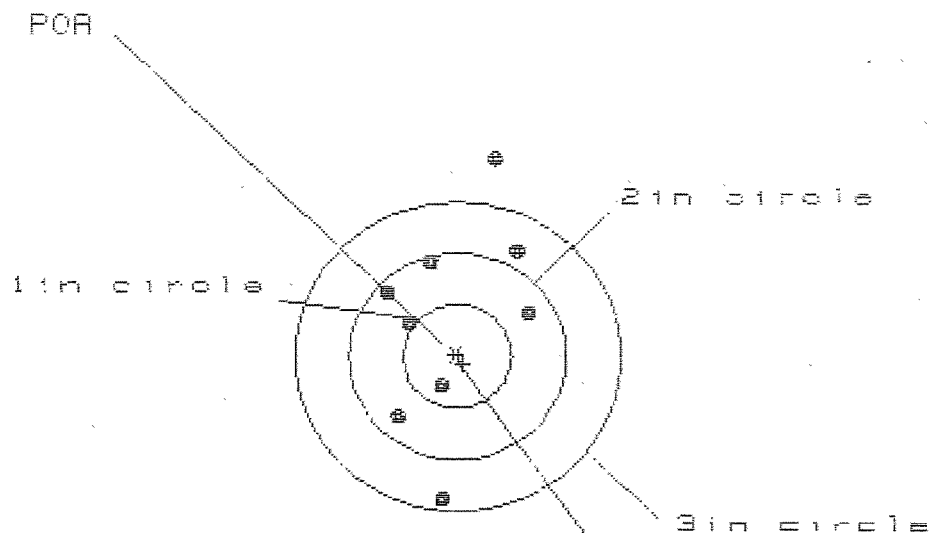
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3282
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.113
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .347168
THE AMR FOR THIS RIFLE IS: 1.105

30 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08522157

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 1

2in = 6

3in = 8

LE= 1.248

VS= 4.799

ES= 4.802

CENTROID #

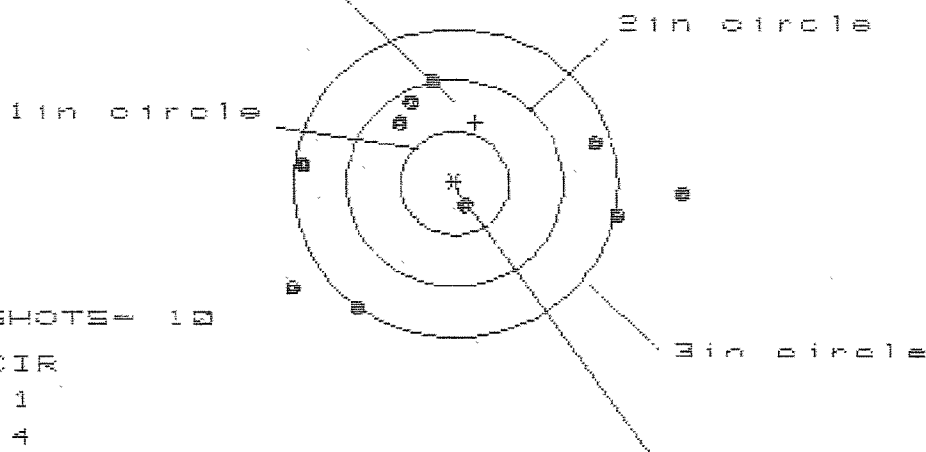
PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.606	.666	.720
MINIMUM X	-.642	-.582	-.528
MAXIMUM Y	1.941	1.624	.886
MINIMUM Y	-2.858	-1.723	-1.520
CENTROID X	-.056	-.116	-.170
CENTROID Y	.078	.395	.192
POR TO CENTROID in.	.096	.412	.257
MIN RADIUS	.318	.358	.350
MEAN RADIUS	1.158	.914	.809
MAX RADIUS	2.908	1.725	1.521
HORIZONTAL SPREAD	1.248	1.248	1.248
VERTICAL SPREAD	4.799	3.347	2.407
EXTREME SPREAD	4.802	3.383	2.490
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

30 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522157

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 6

HS= 3.580

VS= 2.182

QS= 3.682

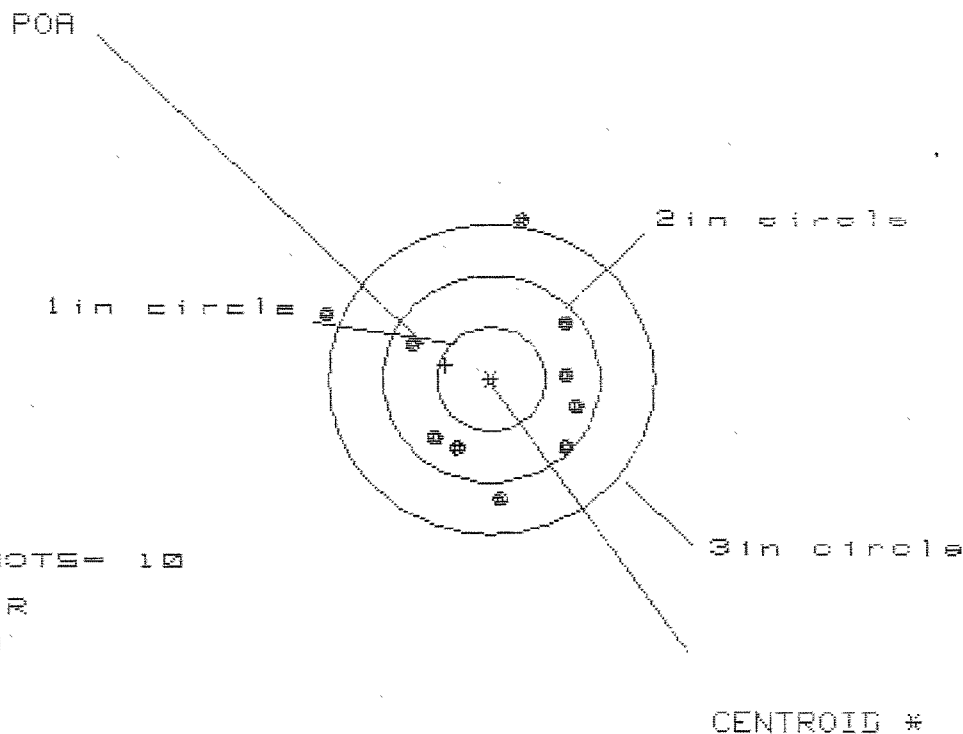
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.069	1.724	1.563
MINIMUM X	:	-1.511	-1.281	-1.340
MAXIMUM Y	:	.948	.932	.804
MINIMUM Y	:	-1.234	-1.250	-1.378
CENTROID X	:	-.194	-.424	-.263
CENTROID Y	:	-.592	-.576	-.448
FOR TO CENTROID in.	:	.623	.715	.519
MIN RADIUS	:	.244	.409	.405
MEAN RADIUS	:	1.266	1.157	1.074
MAX RADIUS	:	2.074	1.760	1.638
HORIZONTAL SPREAD	:	3.580	3.005	2.903
VERTICAL SPREAD	:	2.182	2.182	2.182
EXTREME SPREAD	:	3.682	3.164	2.946
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		6	

30 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522157

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 7

3 in = 8

HS= 2.359

VS= 2.740

GS= 2.745

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.821	.651	.659
MINIMUM X	:	-1.538	-.899	-.891
MAXIMUM Y	:	1.585	1.659	.807
MINIMUM Y	:	-1.155	-1.081	-.873
CENTROID X	:	.420	.590	.582
CENTROID Y	:	-.141	-.215	-.423
POA TO CENTROID in.	:	.442	.629	.719
MIN RADIUS	:	.631	.472	.551
MEAN RADIUS	:	.999	.889	.764
MAX RADIUS	:	1.679	1.661	1.110
HORIZONTAL SPREAD	:	2.359	1.550	1.550
VERTICAL SPREAD	:	2.740	2.740	1.680
EXTREME SPREAD	:	2.745	2.745	1.786
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

30 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522157

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 3.298

VS= 1.690

ES= 3.298

PATTERN #

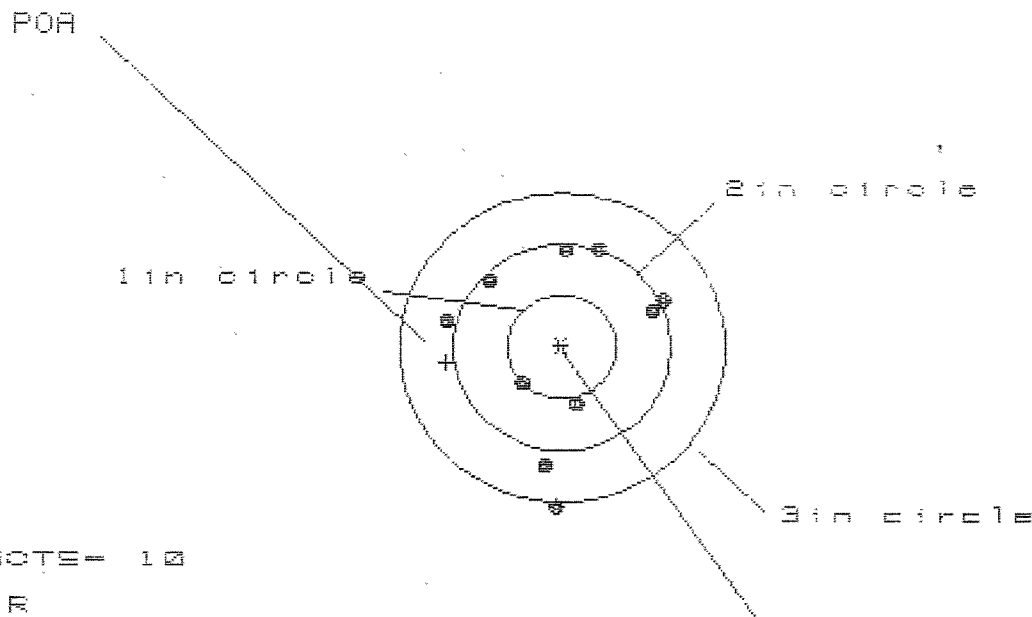
4

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.513	1.314	1.436
MINIMUM X	-1.785	-1.555	-1.433
MAXIMUM Y	1.096	1.084	.529
MINIMUM Y	-.594	-.606	-.471
CENTROID X	.407	.606	.484
CENTROID Y	-.057	-.045	-.180
POA TO CENTROID in.	.411	.607	.517
MIN RADIUS	.130	.321	.263
MEAN RADIUS	1.111	1.035	.961
MAX RADIUS	1.789	1.604	1.528
HORIZONTAL SPREAD	3.298	2.869	2.869
VERTICAL SPREAD	1.690	1.690	1.000
EXTREME SPREAD	3.298	2.916	2.916
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

30 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522157

CENTERFIRE PATTERNS # 5



OF SHOTS= 10
 # IN CIR
 1 in = 0
 2 in = 5
 3 in = 5
 PE= 2.022
 VS= 2.513
 GS= 2.531

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.924	.922	.901
MINIMUM X	:	-1.098	-1.100	-1.121
MAXIMUM Y	:	.960	.788	.617
MINIMUM Y	:	-1.553	-1.365	-.938
CENTROID X	:	1.064	1.066	1.087
CENTROID Y	:	.147	.319	.490
POA TO CENTROID in.	:	1.074	1.113	1.192
MIN RADIUS	:	.515	.658	.617
MEAN RADIUS	:	.991	.915	.836
MAX RADIUS	:	1.553	1.375	1.123
HORIZONTAL SPREAD	:	2.022	2.022	2.022
VERTICAL SPREAD	:	2.513	2.153	1.555
EXTREME SPREAD	:	2.531	2.203	2.033
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	5		

Remington[®] **DUPONT**
REG. U.S. PAT. & TM. OFF.

MODEL 700TM H24

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

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

SERIAL NO.
 C6522157

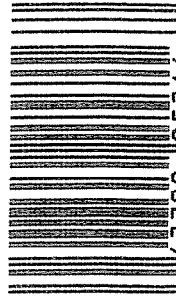
ORDER NO.
5716

01



5716 C6522157

LPC



0 47700 25716 7

SWS TRIGGER PULL TEST

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

SERIAL NO. 06522157
DATE 8/27/90
TESTER JY

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.39	2.25	2.17	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.38	2.30	2.20	
PULL #3	2.47	2.34	2.26	2.19	
PULL #4	2.30	2.20	2.24	2.05	
PULL #5	2.32	2.24	2.20	2.27	
TOTAL	11.93	11.54	11.15	10.88	
AVG.	2.386	2.308	2.23	2.176	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.27		
PULL #2	3.20	3.25		
PULL #3	3.31	3.23		
PULL #4	3.27	3.24		
PULL #5	3.24	3.23		
TOTAL	16.29	16.21		
AVG.	3.258	3.242		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.15	4.16		4.20
PULL #2	4.13	4.12		4.23
PULL #3	4.16	4.23		4.32
PULL #4	4.13	4.22		4.29
PULL #5	4.15	4.25		4.30
TOTAL	20.72	20.98		21.34
AVG.	4.142	4.196		4.268

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522157

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 12	90	RW
600	Proof	7 12	90	RW
607	Check Headspace	7 12	90	RW
610	Dis-assemble Gun	7 12	90	RW
612	Magnaflux Barrel Action		7-17-90	KR
	Magnaflux Bolt		7-17-90	KR
615	Rollmark Caliber		7-17-90	LS
617	Drill and Tap Sight Holes		7/22/90 7-17-90	LB
618	Polish Barrel <i>LB</i>		7/24/90	LB
620	Apply Coatings (Barrel Action)		8-8-90	LS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/8/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/8/90	RW
	C) Inspect Ejector Hole for Chamfer		8/8/90	RW
	D) Oil Firing Pin Ass'y		8/8/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/21/90	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			8/24/90	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			8/24/90	WB
	H) Trigger Pull Test & Retainability						8/27/90	JH
	I) Firing Pin Indent	.022	.022	.022			8/24/90	WB
	J) Assemble Stock						8/27/90	RW
	K) Assemble Swivel Studs						9/5/90	JSB
	L) Attach Front and Rear Sight Assemblies						8/27/90	RW
	M) Iron Sight Alignment						8/27/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/27/90	RW
	O) Attach Scope to Rifle						8/27/90	RW
	P) Detach & Attach Scope 20 Times						8/27/90	RW
640	Gallery Target & Test						8-30-90	D/H
	A) Time						8-30-90	D/H
	B) Malfunctions						8-30-90	D/H
	C) Pierced Primers						8-30-90	D/H
	D) Optical Clarity of Scope						8-30-90	D/H
645	Inspect for Live Ammo						8-30-90	D/H
655	Final Inspection							
	A) Headspace						9/5/90	JSB
	B) Trigger Pull	2.17	2.20	2.19	2.05	2.27	9/11/90	JH
	C) Function						9/5/90	JSB
660	Pack						9-18-90	JH