

C6522323

MODEL 700TH M24

Model SMSTH

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.



Closed 10/26/2005 7:46:45 AM

Received From

Country

Shipping / Billing

Code	Desc	Qty
A006	Sling Strap	1
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
C000	TORQUE WRENCH	1
C001	SPOTTING SCOPE	1

Close

ECPL

RE00102771

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522323.___0
FILE DATE AND TIME: 11/23/2005 21:31

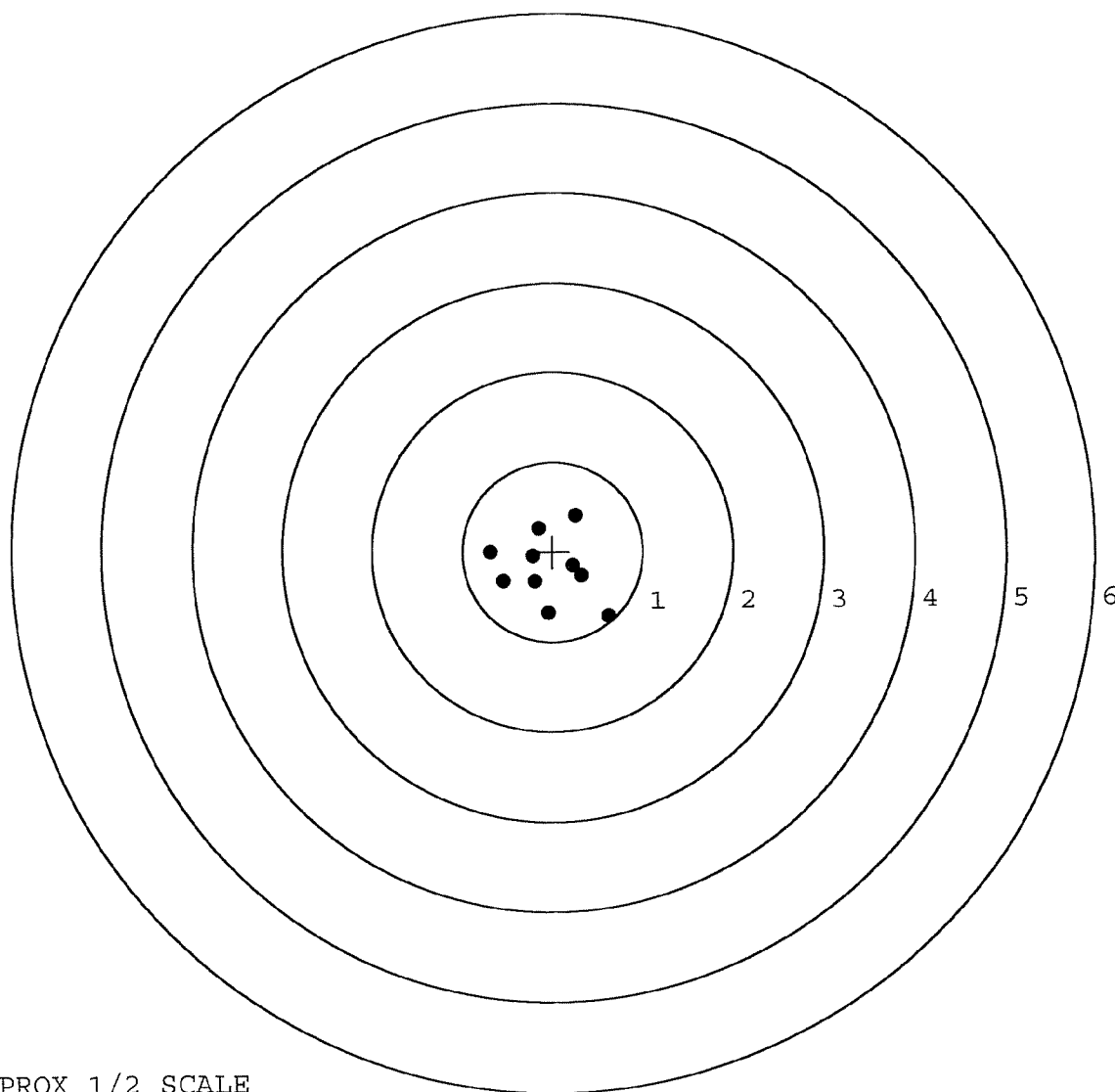
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.087
The Average Y Centroid of the Five Target Set:	-0.066
The Average Point of Impact of the Five Target Set:	0.109
The Average Mean Radius of the Five Target Set:	0.549
The Distance from POA to Centroid Target #1:	0.193
The Distance from Centroid Target #2 to Centroid Target #1:	0.256
The Distance from Centroid Target #3 to Centroid Target #1:	0.290
The Distance from Centroid Target #4 to Centroid Target #1:	0.186
The Distance from Centroid Target #5 to Centroid Target #1:	0.105

SERIAL NUMBER: C6522323. 0
 TARGET NUMBER: 1
 FILE DATE: 11/23/2005
 FILE TIME: 21:31

POINT#	X	Y
1:	-0.224	-0.049
2:	-0.203	-0.330
3:	-0.059	-0.684
4:	0.615	-0.726
5:	0.316	-0.267
6:	0.256	0.401
7:	-0.159	0.263
8:	-0.689	0.000
9:	-0.547	-0.323
10:	0.223	-0.156

X CENTROID: -0.047
 Y CENTROID: -0.187
 POA TO CENTROID: 0.193
 HORZ SPREAD: 1.304
 VERT SPREAD: 1.127
 GROUP SPREAD: 1.492
 MIN RADIUS: 0.211
 MAX RADIUS: 0.854
 MEAN RADIUS: 0.474
 # IN 1 IN DIAMETER: 6
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

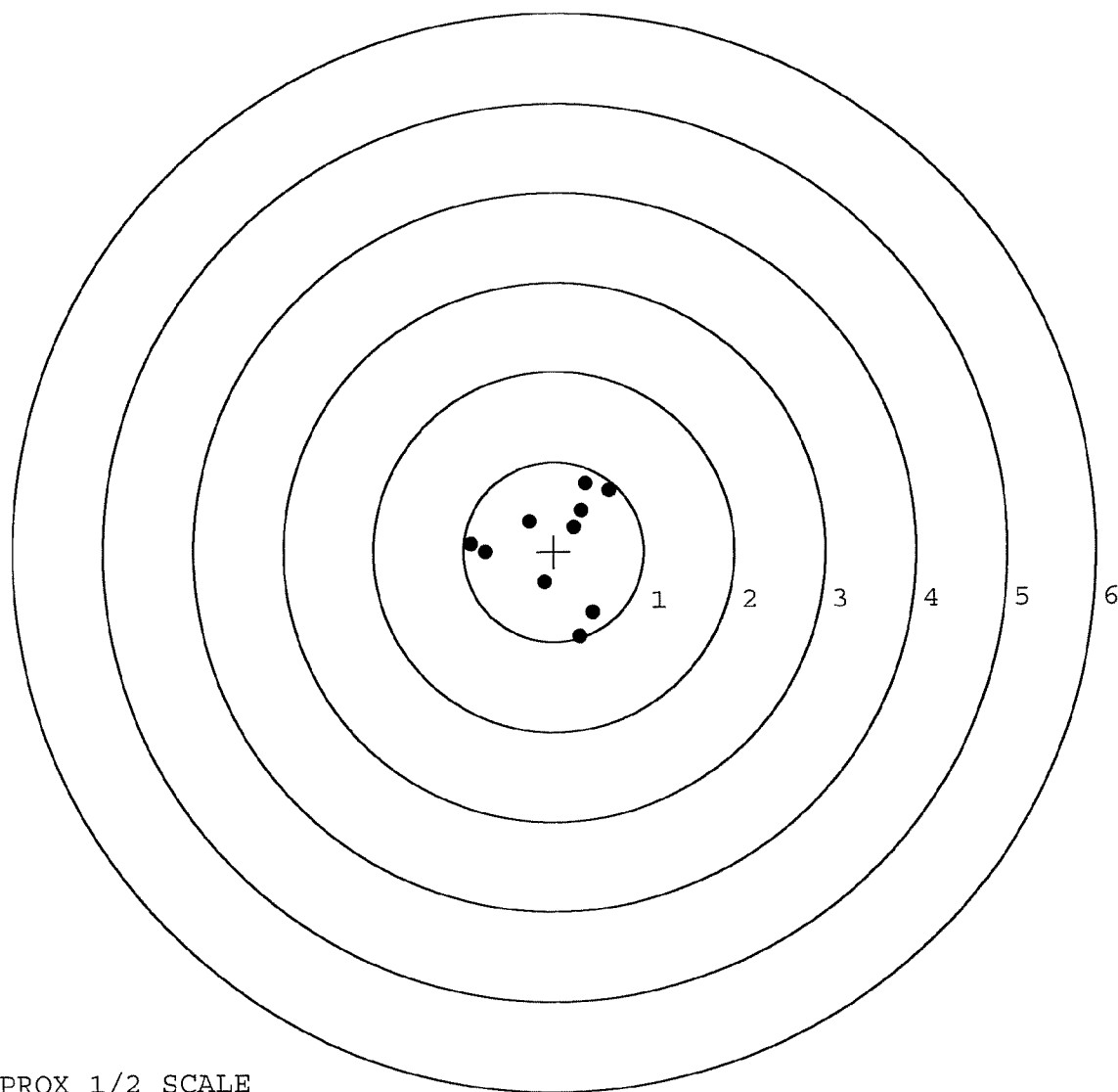


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522323. __0
 TARGET NUMBER: 2
 FILE DATE: 11/23/2005
 FILE TIME: 21:31

POINT#	X	Y
1:	-0.113	-0.342
2:	0.432	-0.681
3:	0.282	-0.952
4:	-0.758	0.006
5:	-0.919	0.089
6:	-0.271	0.337
7:	0.225	0.268
8:	0.311	0.455
9:	0.358	0.757
10:	0.620	0.674

X CENTROID: 0.017
 Y CENTROID: 0.061
 POA TO CENTROID: 0.063
 HORZ SPREAD: 1.539
 VERT SPREAD: 1.709
 GROUP SPREAD: 1.711
 MIN RADIUS: 0.294
 MAX RADIUS: 1.047
 MEAN RADIUS: 0.685
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

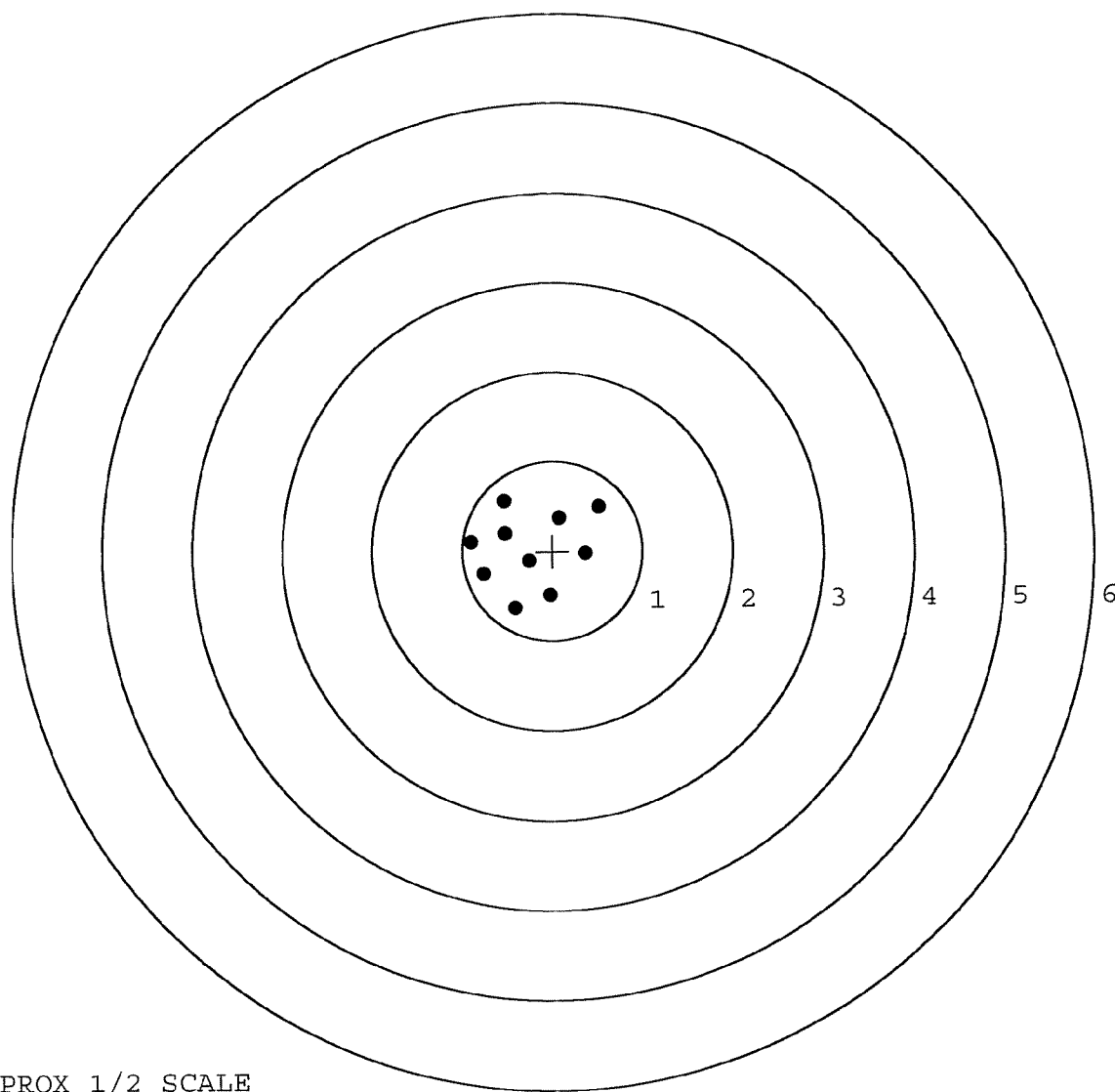


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522323. __0
 TARGET NUMBER: 3
 FILE DATE: 11/23/2005
 FILE TIME: 21:31

POINT#	X	Y
1:	-0.261	-0.110
2:	-0.425	-0.637
3:	-0.903	0.112
4:	-0.528	0.204
5:	0.079	0.369
6:	0.515	0.491
7:	0.364	-0.031
8:	-0.028	-0.499
9:	-0.763	-0.252
10:	-0.539	0.564

X CENTROID: -0.249
 Y CENTROID: 0.021
 POA TO CENTROID: 0.250
 HORZ SPREAD: 1.418
 VERT SPREAD: 1.201
 GROUP SPREAD: 1.478
 MIN RADIUS: 0.132
 MAX RADIUS: 0.897
 MEAN RADIUS: 0.556
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522323. __0

TARGET NUMBER: 4

FILE DATE: 11/23/2005

FILE TIME: 21:31

POINT#	X	Y
1:	0.379	0.204
2:	0.884	0.231
3:	-0.053	0.217
4:	0.127	-0.122
5:	-0.108	-0.202
6:	-0.343	-0.370
7:	-0.406	-0.080
8:	-0.192	0.199
9:	-0.063	-0.014
10:	-0.322	-0.110

X CENTROID: -0.010

Y CENTROID: -0.005

POA TO CENTROID: 0.011

HORZ SPREAD: 1.290

VERT SPREAD: 0.601

GROUP SPREAD: 1.366

MIN RADIUS: 0.054

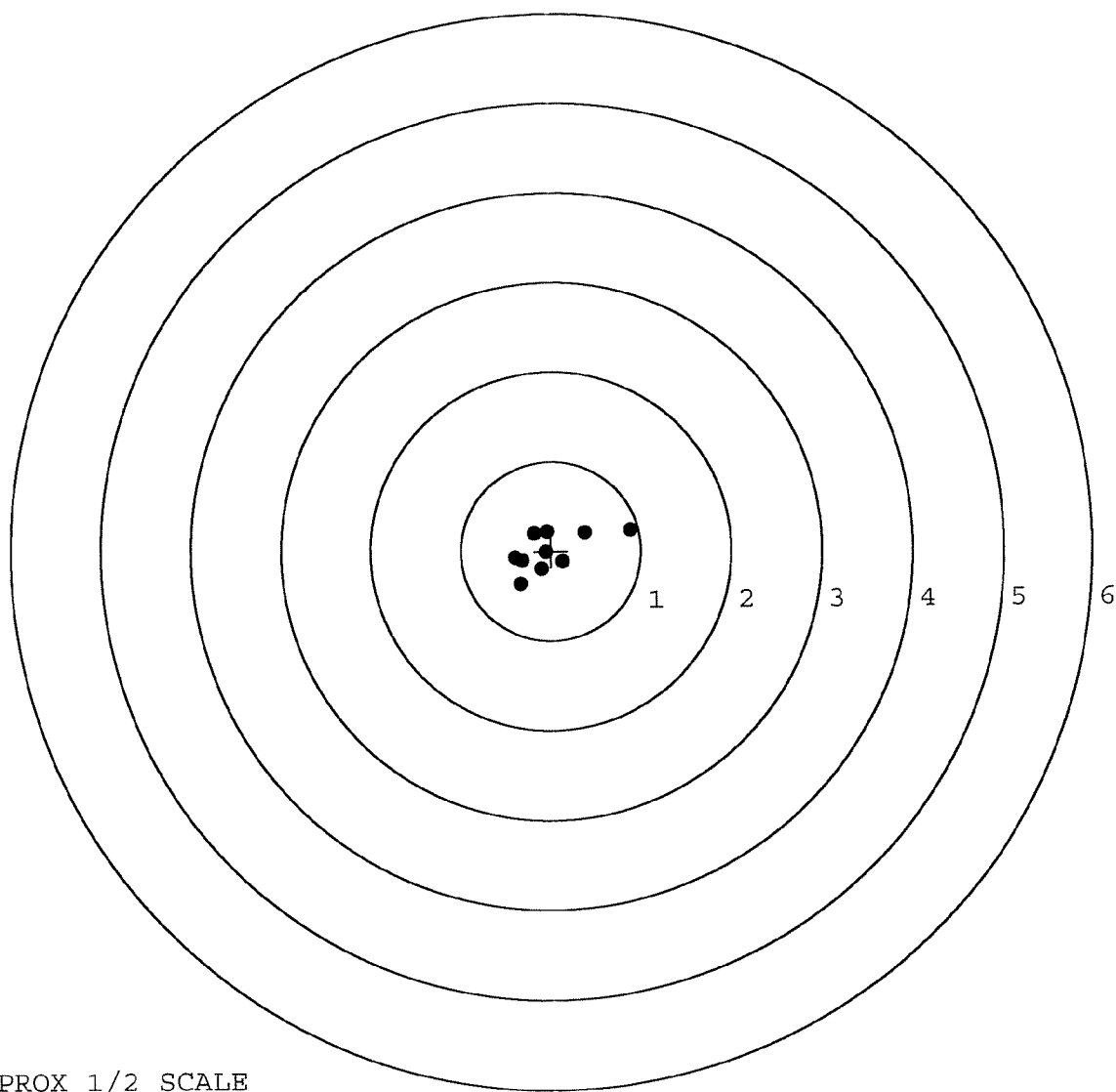
MAX RADIUS: 0.924

MEAN RADIUS: 0.355

IN 1 IN DIAMETER: 9

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

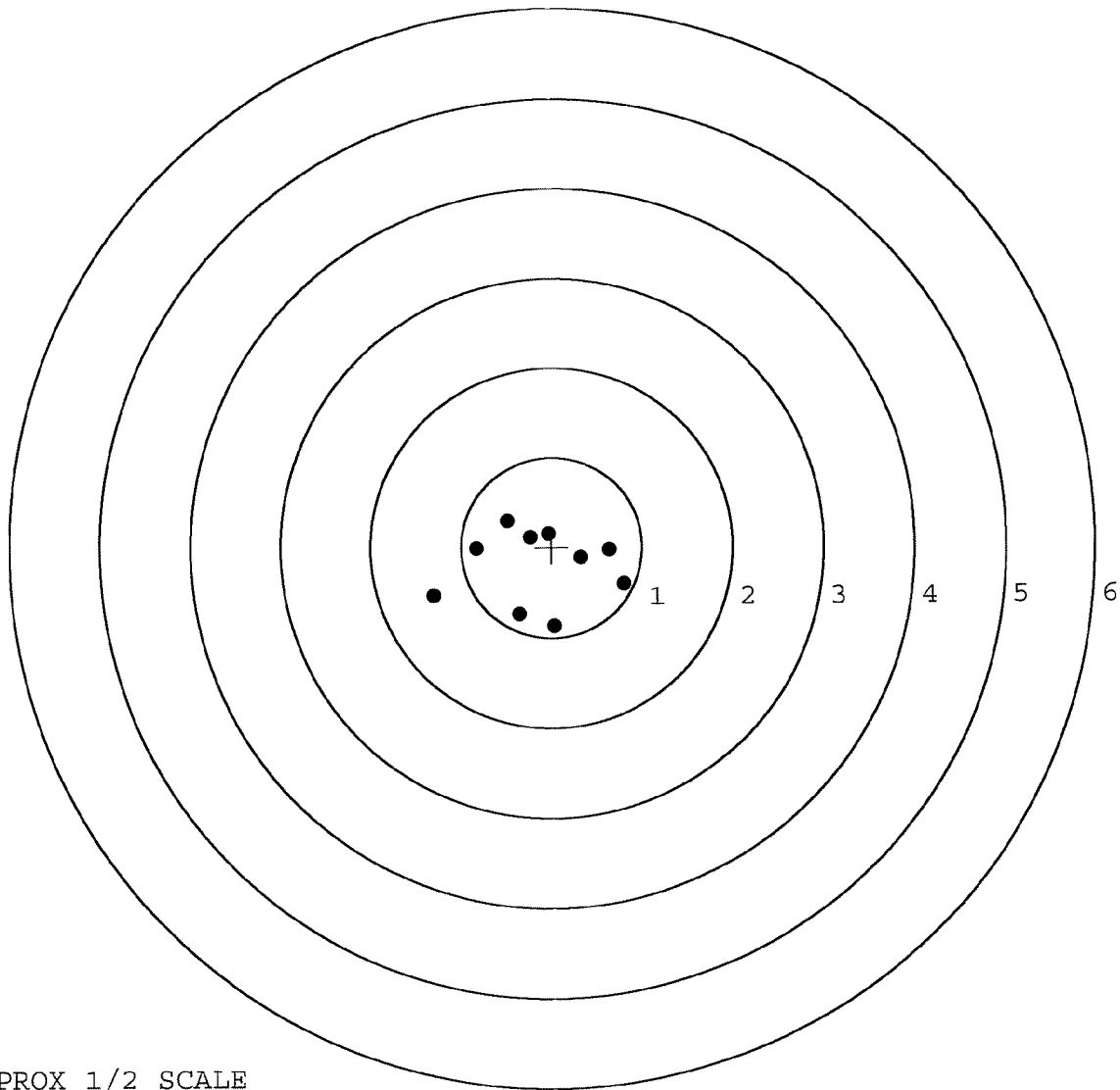


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522323. __0
 TARGET NUMBER: 5
 FILE DATE: 11/23/2005
 FILE TIME: 21:31

POINT#	X	Y
1:	-0.235	0.108
2:	-0.492	0.295
3:	-0.829	-0.019
4:	-1.305	-0.539
5:	-0.361	-0.743
6:	0.027	-0.875
7:	0.798	-0.419
8:	0.639	-0.037
9:	0.325	-0.121
10:	-0.037	0.153

X CENTROID: -0.147
 Y CENTROID: -0.220
 POA TO CENTROID: 0.264
 HORZ SPREAD: 2.103
 VERT SPREAD: 1.170
 GROUP SPREAD: 2.106
 MIN RADIUS: 0.339
 MAX RADIUS: 1.201
 MEAN RADIUS: 0.676
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	102771		Camp Shelby	
SERIAL NUMBER	C 6522323			
LOG-IN DATE	10-26-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-3-05	AC
505	RE-BARREL		11-8-05	AC
560	ASSEMBLE		11-15-05	CD
600	PROOF	MAGNA-FLUX INSPECTED	11-15-05	CD
605	CHECK HEADSPACE	NOV 18 2005	11-15-05	CD
610	DIS-ASSEMBLE GUN		11-15-05	CD
612	MAGNAFLUX	OPERATOR <i>crank</i>	11/18/05	<i>crank</i>
510	DRILL AND TAP		11-17-05	BR
615	ROLLMARK CALIBER		11-18-05	CW
618	ROTO-BLAST		11-21-05	LB
620	APPLY COATINGS		11/22/05	RB
625	FINAL ASSEMBLY		11-23-05	BG
640	FUNCTION TEST AND	PASS FAIL	11-23-05	WJH
650	TARGET	PASS FAIL	11-23-05	WJH
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		11-28-05	AC
	A) HEADSPACE	PASS FAIL	11-28-05	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS		AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	5 lbs 5 lbs 5 lbs	AC
	G) SAFETY OFF FORCE	2 LBS MIN	4 lbs 4 lbs 4 lbs	AC
	I) FIRING PIN INDENT	.020	.024 .024 .024	AC
690	PACK		12-2-05	DA

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

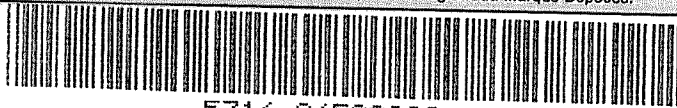
MODEL 700TM M24

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

01

SERIAL NO.
C6522323

ORDER NO.
5716


5716 C6522323

UPC


0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # RUN *C6522323*
14 Aug 1990

CENTROIDAL DISTANCES

Ø TO	1	.415381
1 TO	2	.241033
1 TO	3	.237287
1 TO	4	.672429
1 TO	5	.344363

21⁵ + <----POR
4

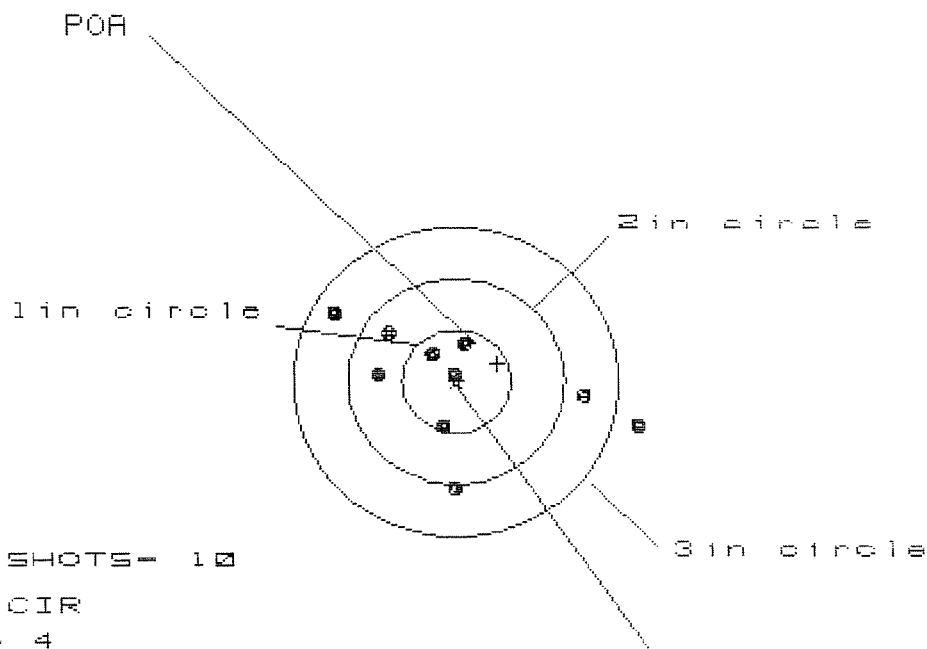
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2418
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.1826
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .303002
THE AMR FOR THIS RIFLE IS: .8978

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522323

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 9

HS= 2.756

VS= 1.714

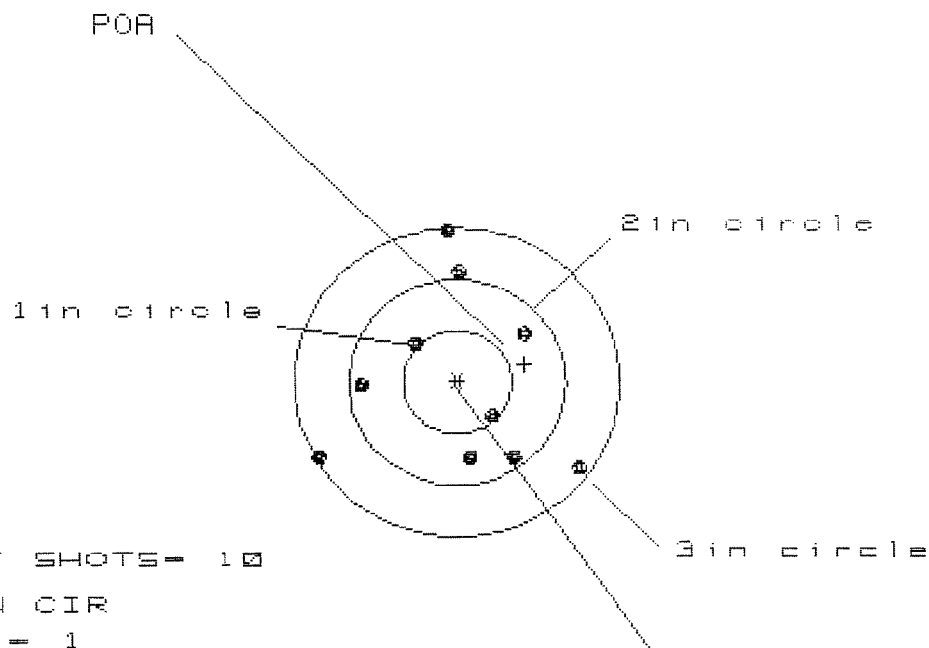
GS= 2.973

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.668	1.322	1.209
MINIMUM X	-1.088	-.902	-.678
MAXIMUM Y	.685	.637	.483
MINIMUM Y	-1.029	-1.077	-.997
CENTROID X	-.379	-.565	-.452
CENTROID Y	-.170	-.122	-.202
POA TO CENTROID in.	.416	.578	.495
MIN RADIUS	.087	.175	.131
MEAN RADIUS	.799	.667	.619
MAX RADIUS	1.723	1.331	1.212
HORIZONTAL SPREAD	2.756	2.224	1.887
VERTICAL SPREAD	1.714	1.714	1.480
EXTREME SPREAD	2.973	2.363	1.897
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8522323

CENTERFIRE PATTERNS # 2



HS= 2.440

VS= 2.212

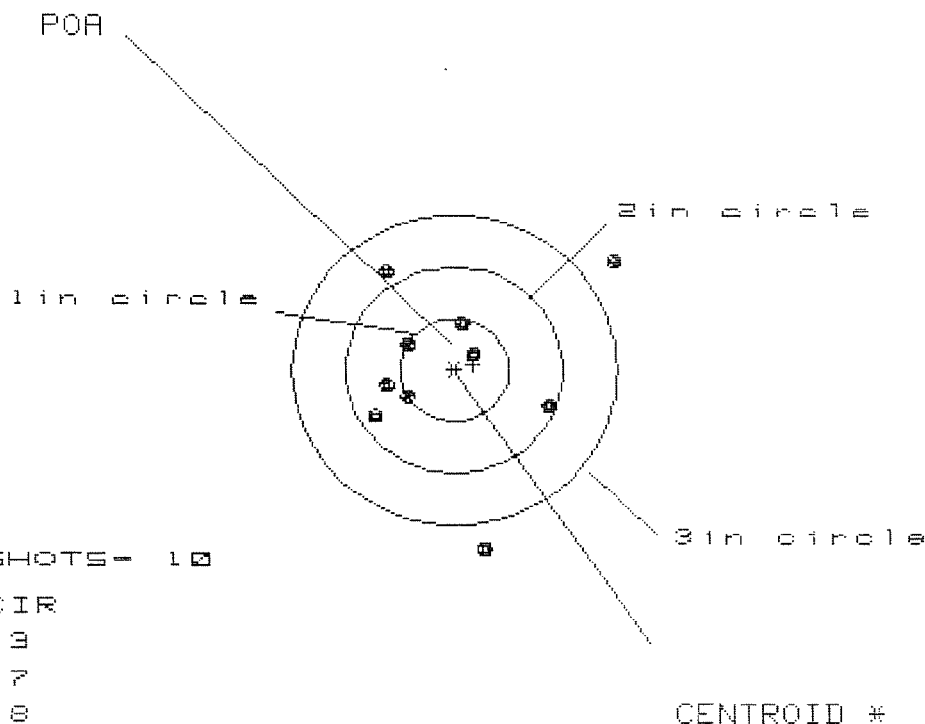
GS= 2.503

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.112	.964	.939
MINIMUM X	:	-1.328	-1.008	-1.033
MAXIMUM Y	:	1.436	1.360	1.132
MINIMUM Y	:	-.776	-.852	-.682
CENTROID X	:	-.620	-.472	-.447
CENTROID Y	:	-.174	-.098	-.268
POA TO CENTROID in.	:	.644	.483	.521
MIN RADIUS	:	.418	.408	.241
MEAN RADIUS	:	.953	.883	.795
MAX RADIUS	:	1.494	1.376	1.160
HORIZONTAL SPREAD	:	2.440	1.972	1.972
VERTICAL SPREAD	:	2.212	2.212	1.814
EXTREME SPREAD	:	2.503	2.503	2.139
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			10	

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08522323

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 8

HS= 2.221

VS= 2.808

GS= 3.045

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.454	1.485	1.047
MINIMUM X	:	-.767	-.736	-.550
MAXIMUM Y	:	1.034	.837	.861
MINIMUM Y	:	-1.774	-.621	-.516
CENTROID X	:	-.172	-.203	-.389
CENTROID Y	:	-.054	.143	.038
POA TO CENTROID in.	:	.181	.248	.391
MIN RADIUS	:	.241	.164	.276
MEAN RADIUS	:	.875	.745	.595
MAX RADIUS	:	1.795	1.705	1.131
HORIZONTAL SPREAD	:	2.221	2.221	1.597
VERTICAL SPREAD	:	2.808	1.458	1.377
EXTREME SPREAD	:	3.045	2.657	1.937
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			7	
NUMBER IN THREE INCH CIRCLE =			8	

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522323

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 8

3in = 10

HS= 1.715

VS= 1.705

GS= 2.024

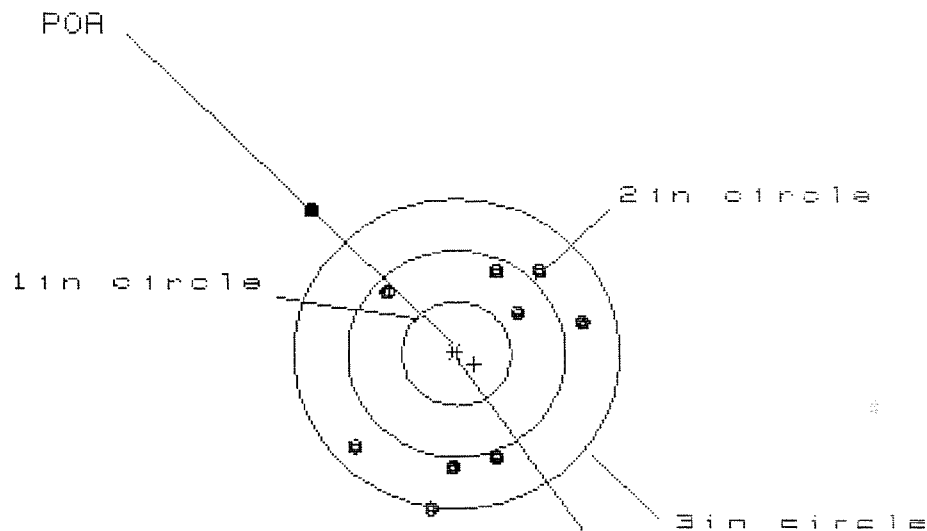
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.082	1.187	.318
MINIMUM X	:	-.633	-.528	-.380
MAXIMUM Y	:	.859	.790	.816
MINIMUM Y	:	-.846	-.915	-.889
CENTROID X	:	.126	.021	-.127
CENTROID Y	:	-.614	-.545	-.571
POA TO CENTROID in.	:	.627	.545	.585
MIN RADIUS	:	.017	.142	.033
MEAN RADIUS	:	.701	.639	.539
MAX RADIUS	:	1.130	1.205	.895
HORIZONTAL SPREAD	:	1.715	1.715	.698
VERTICAL SPREAD	:	1.705	1.705	1.705
EXTREME SPREAD	:	2.024	1.755	1.718
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

13 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522323

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 0

2 in = 3

3 in = 9

HS= 2.541

VS= 2.881

GS= 3.068

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.203	1.055	1.001
MINIMUM X	:	-1.338	-1.051	-1.105
MAXIMUM Y	:	1.410	1.004	.840
MINIMUM Y	:	-1.471	-1.315	-1.067
CENTROID X	:	-.164	-.016	.038
CENTROID Y	:	.099	-.057	.107
POA TO CENTROID in.	:	.192	.059	.114
MIN RADIUS	:	.694	.708	.544
MEAN RADIUS	:	1.161	1.057	.990
MAX RADIUS	:	1.943	1.384	1.410
HORIZONTAL SPREAD	:	2.541	2.106	2.106
VERTICAL SPREAD	:	2.881	2.319	1.907
EXTREME SPREAD	:	3.068	2.539	2.407
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO C6522323

DATE 9-12-90

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.47	2.23	2.23	2.28	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.18	2.23	2.44	2.38	
PULL #3	2.20	2.23	2.22	2.36	
PULL #4	2.22	2.19	2.43	2.20	
PULL #5	2.41	2.19	2.18	2.35	
TOTAL	11.48	11.07	11.50	11.57	
AVG.	2.296	2.214	2.3	2.314	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.44	3.39		
PULL #2	3.49	3.35		
PULL #3	3.37	3.46		
PULL #4	3.47	3.28		
PULL #5	3.50	3.42		
TOTAL	17.27	16.90		
AVG.	3.454	3.38		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.43	4.21		4.28
PULL #2	4.15	4.29		4.28
PULL #3	4.10	4.26		4.26
PULL #4	4.15	4.28		4.16
PULL #5	4.23	4.30		4.27
TOTAL	21.06	21.34		21.25
AVG.	4.212	4.268		4.25

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6522323

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 29	90	RW
600	Proof	6 29	90	RW
607	Check Headspace	5 29	90	RW
610	Dis-assemble Gun	2 29	90	RW
612	Magnaflux Barrel Action		7-12-90	KR
	Magnaflux Bolt		7-12-90	K.R.
615	Rollmark Caliber		7-12-90	LS.
617	Drill and Tap Sight Holes		7/13/90	LB
618	Polish Barrel RB		7/16/90	WB
620	Apply Coatings (Barrel Action)		7-23-90	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/90	RW
	C) Inspect Ejector Hole for Chamfer		7/25/90	RW
	D) Oil Firing Pin Ass'y		7/25/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		9-12-90	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			7/30/90	981
	G) Safety Off Force	4	4	4			7/30/90	980
	H) Trigger Pull Test & Retainability						9/12/90	984
	I) Firing Pin Indent	.024	.0235	.0235			7/30/90	981
	J) Assemble Stock						8/8/90	Rw
	K) Assemble Swivel Studs						9/13/90	928
	L) Attach Front and Rear Sight Assemblies						8/8/90	Rw
	M) Iron Sight Alignment						8/8/90	Rw
	N) Detach Front & Rear Sights & place in numbered container						8/8/90	Rw
	O) Attach Scope to Rifle						8/8/90	Rw
	P) Detach & Attach Scope 20 Times						8/8/90	Rw
640	Gallery Target & Test						8-13-90	A
	A) Time						"	A
	B) Malfunctions						"	A
	C) Pierced Primers						"	A
	D) Optical Clarity of Scope						"	A
645	Inspect for Live Ammo						8-13-90	A
655	Final Inspection							
	A) Headspace						9/13/90	928
	B) Trigger Pull	2.28	2.38	2.36	2.20	2.35	9-12-90	981
	C) Function						9/13/90	928
660	Pack						9/19/90	15