

C6523526

MODEL 700™ M24

Model **SMS**™

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: **RE00102784** Serial: C6523526 Model: M24 SWS Center Fire Caliber: 7.62 NATO Repairman: Status: Closed 10/26/2005 8:46:01 AM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **PR W7LZ CAMP SHELBY DET 57** **PR W7LZ CAMP SHELBY DET 57**

Address 1: **OEF TRAINING BDE ROTATION** **OEF TRAINING BDE ROTATION**

Address 2: **BLDG 6520 WAREHOUSE AVE** PO Box: **BLDG 6520 WAREHOUSE AVE** PO Box:

City: **CAMP SHELBY** **CAMP SHELBY**

State: **MS** Zip Code: **39407** Country: **US** State: **MS** Zip Code: **39407** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: **601-553-4593** Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1
C000	SCOPE CASE	1

Repair Search Refresh Close

naqletj 10/26/2005 9:50 AM CAPS NUM IIS SCPL

start 2 2 3 4 5 6 7 8 9 10 11 12

Serial Number: **C6523526**

Model: **M24 SWS**



RE00102784

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523526.___0
FILE DATE AND TIME: 12/01/2005 15:18

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.010
The Average Y Centroid of the Five Target Set:	-0.154
The Average Point of Impact of the Five Target Set:	0.154
The Average Mean Radius of the Five Target Set:	0.621
The Distance from POA to Centroid Target #1:	0.258
The Distance from Centroid Target #2 to Centroid Target #1:	0.238
The Distance from Centroid Target #3 to Centroid Target #1:	0.174
The Distance from Centroid Target #4 to Centroid Target #1:	0.046
The Distance from Centroid Target #5 to Centroid Target #1:	0.182

SERIAL NUMBER: C6523526. 0

TARGET NUMBER: 1

FILE DATE: 12/01/2005

FILE TIME: 15:18

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

1:	1.003	-0.601
----	-------	--------

2:	-0.172	-1.441
----	--------	--------

3:	-0.231	-1.091
----	--------	--------

4:	0.177	-0.513
----	-------	--------

5:	-0.139	-0.228
----	--------	--------

6:	0.258	0.144
----	-------	-------

7:	0.373	0.386
----	-------	-------

8:	-0.048	0.490
----	--------	-------

9:	-0.640	0.356
----	--------	-------

10:	-1.189	-0.008
-----	--------	--------

X CENTROID: -0.061

Y CENTROID: -0.251

POA TO CENTROID: 0.258

HORZ SPREAD: 2.192

VERT SPREAD: 1.931

GROUP SPREAD: 1.935

MIN RADIUS: 0.081

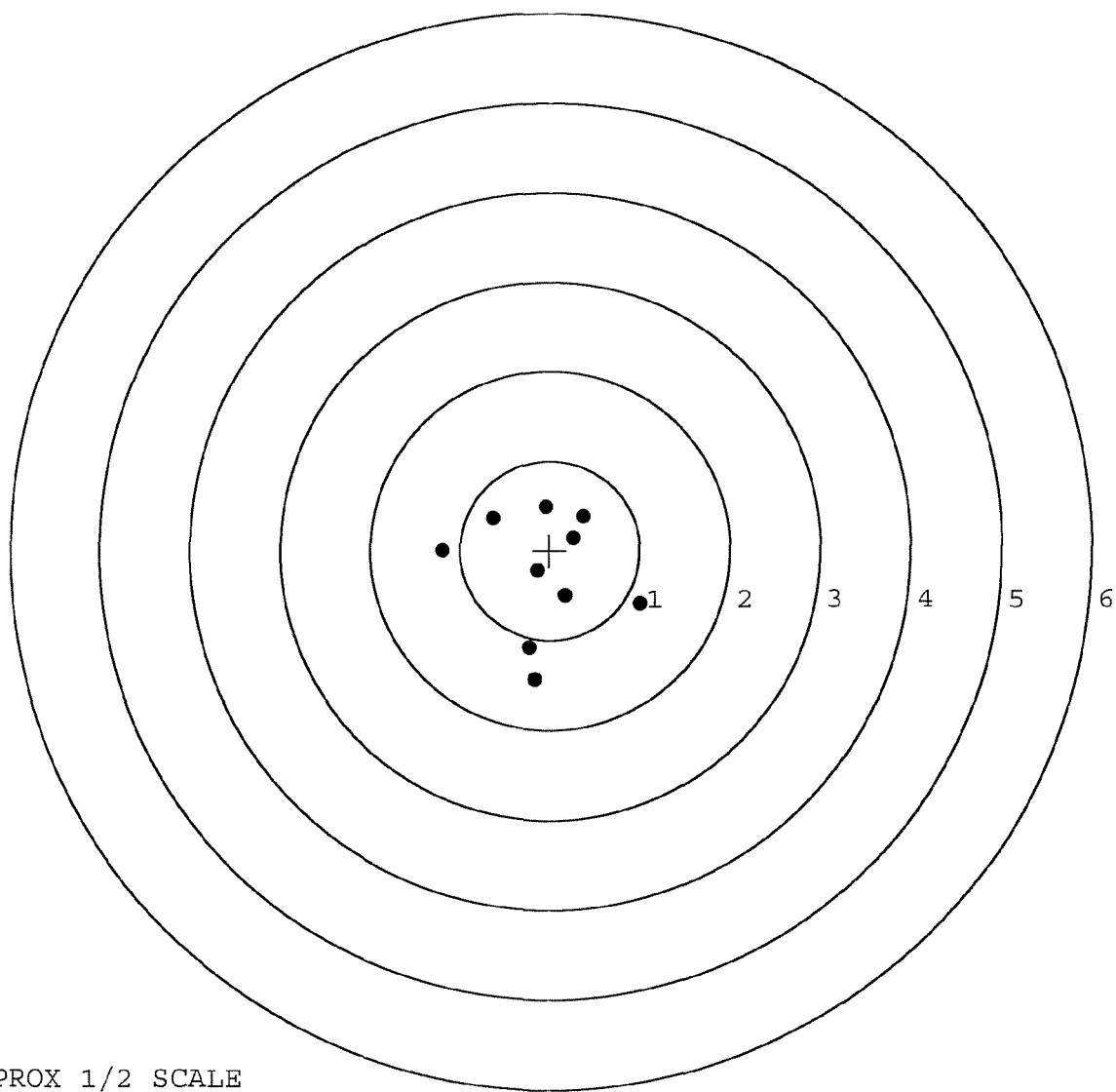
MAX RADIUS: 1.196

MEAN RADIUS: 0.762

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10

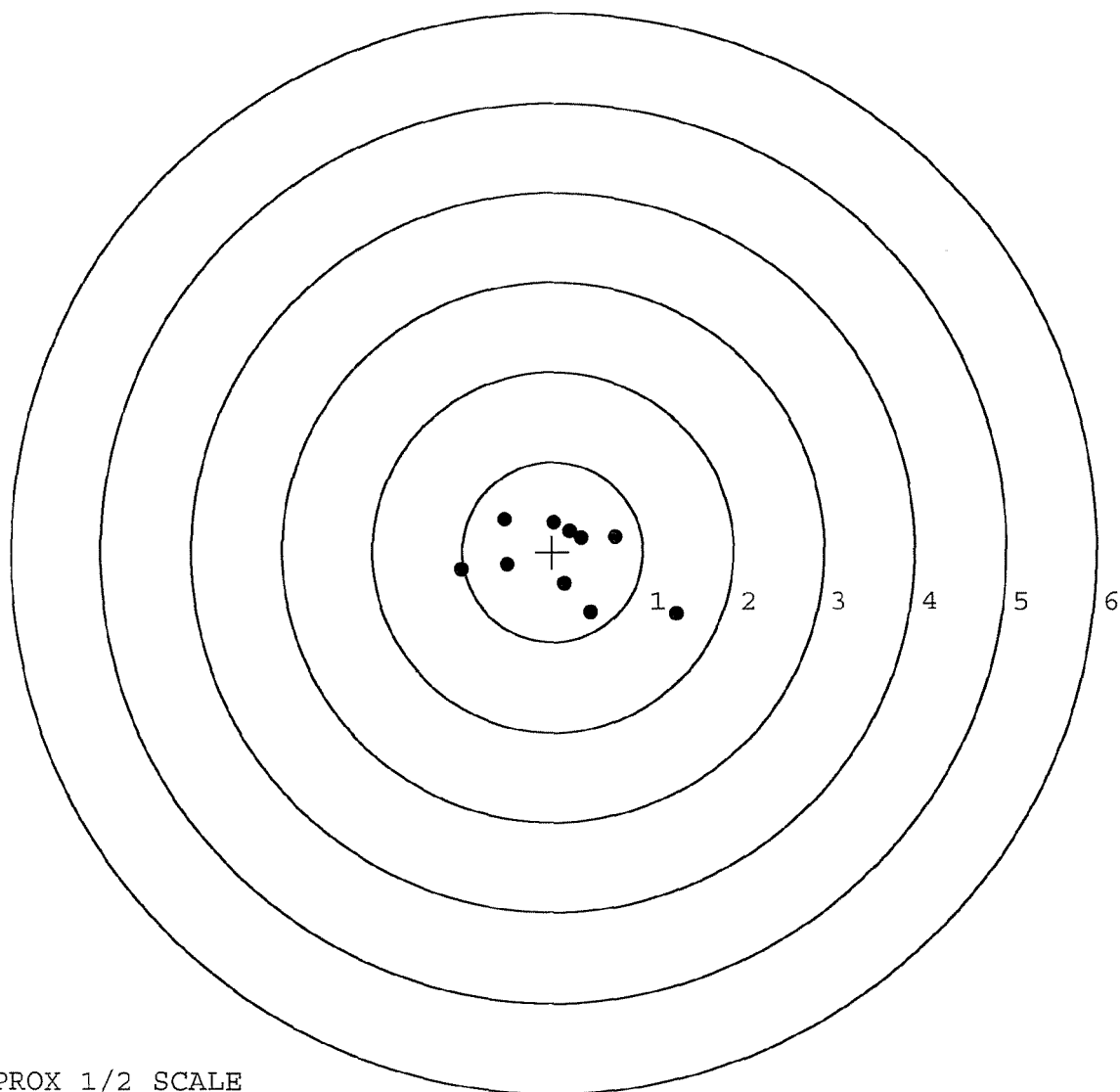


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523526. 0
TARGET NUMBER: 2
FILE DATE: 12/01/2005
FILE TIME: 15:18

POINT#	X	Y
1:	1.377	-0.696
2:	0.429	-0.676
3:	0.138	-0.359
4:	0.693	0.172
5:	0.315	0.155
6:	0.016	0.328
7:	-0.538	0.356
8:	-0.505	-0.150
9:	-1.013	-0.207
10:	0.188	0.227

X CENTROID: 0.110
Y CENTROID: -0.085
POA TO CENTROID: 0.139
HORZ SPREAD: 2.390
VERT SPREAD: 1.052
GROUP SPREAD: 2.440
MIN RADIUS: 0.275
MAX RADIUS: 1.407
MEAN RADIUS: 0.658
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

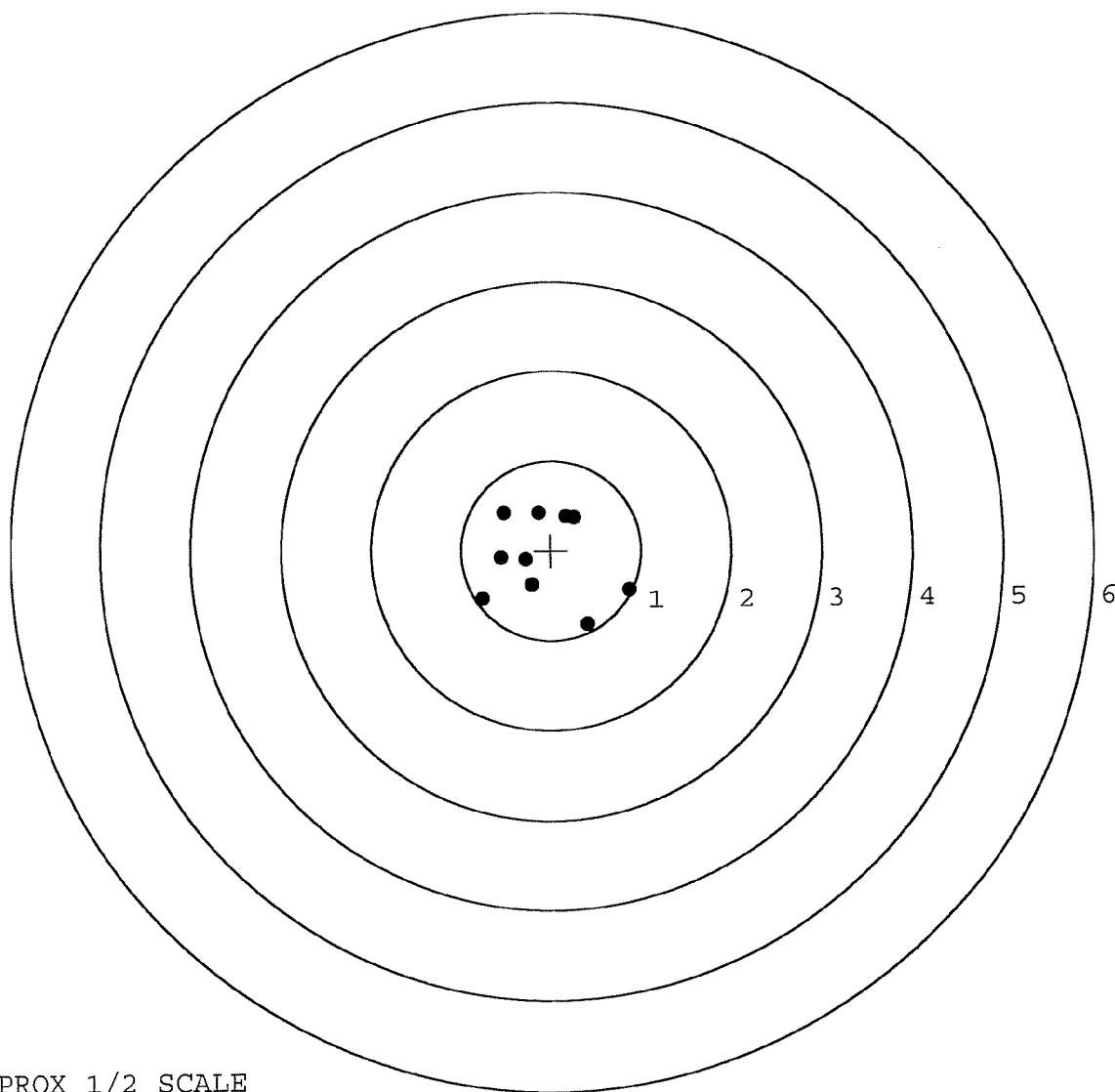


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523526.___0
TARGET NUMBER: 3
FILE DATE: 12/01/2005
FILE TIME: 15:18

POINT#	X	Y
1:	0.870	-0.440
2:	0.401	-0.826
3:	-0.761	-0.534
4:	0.256	0.371
5:	0.170	0.381
6:	-0.135	0.425
7:	-0.522	0.423
8:	-0.554	-0.083
9:	-0.283	-0.104
10:	-0.216	-0.384

X CENTROID: -0.077
Y CENTROID: -0.077
POA TO CENTROID: 0.109
HORZ SPREAD: 1.631
VERT SPREAD: 1.251
GROUP SPREAD: 1.638
MIN RADIUS: 0.207
MAX RADIUS: 1.015
MEAN RADIUS: 0.600
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

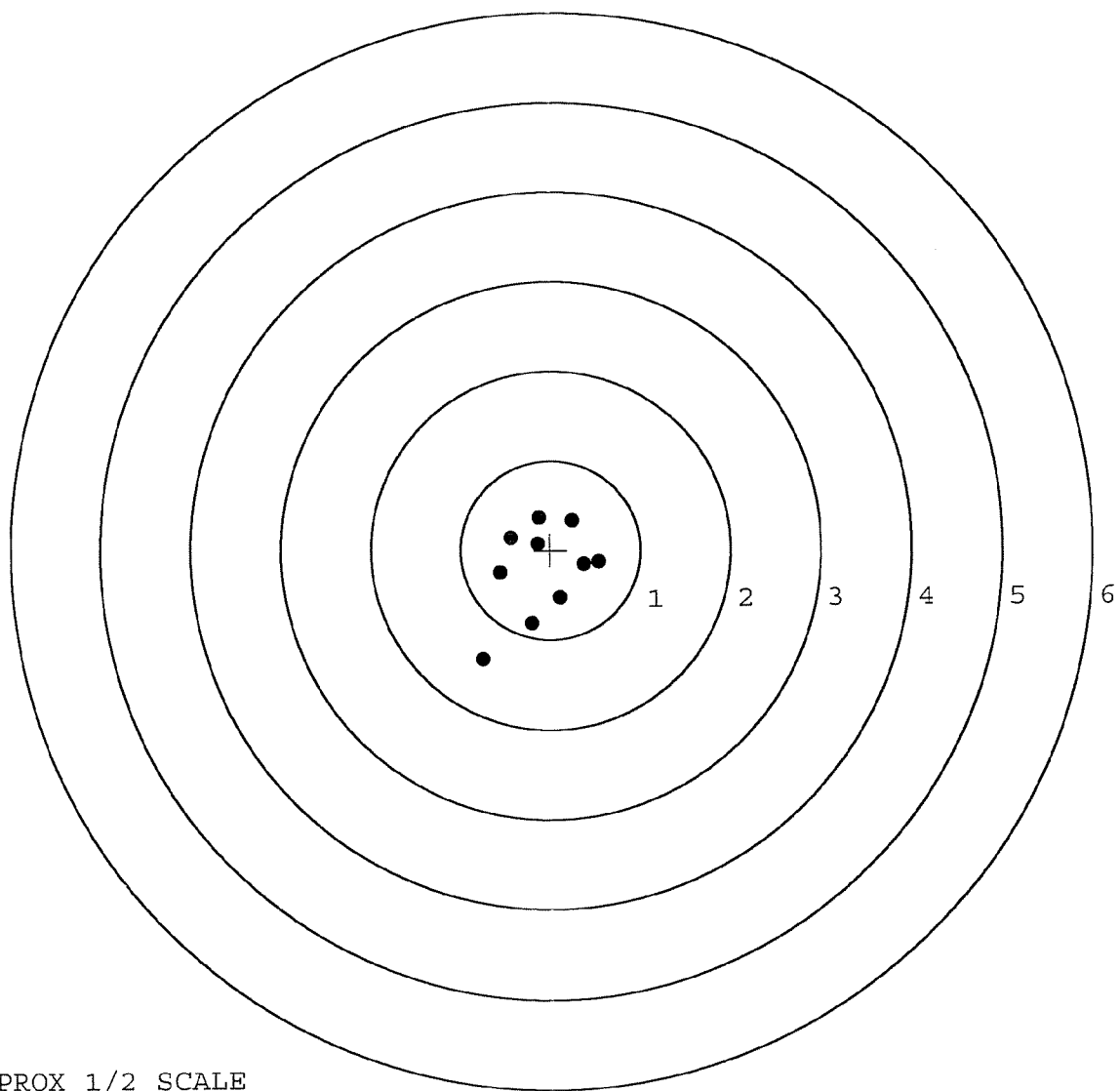


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523526. __0
TARGET NUMBER: 4
FILE DATE: 12/01/2005
FILE TIME: 15:18

X CENTROID: -0.098
Y CENTROID: -0.224
POA TO CENTROID: 0.245
HORZ SPREAD: 1.292
VERT SPREAD: 1.586
GROUP SPREAD: 1.847
MIN RADIUS: 0.299
MAX RADIUS: 1.196
MEAN RADIUS: 0.581
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.756	-1.223
2:	-0.208	-0.826
3:	0.113	-0.537
4:	-0.566	-0.255
5:	0.536	-0.139
6:	0.370	-0.164
7:	0.245	0.329
8:	-0.128	0.363
9:	-0.446	0.137
10:	-0.141	0.072

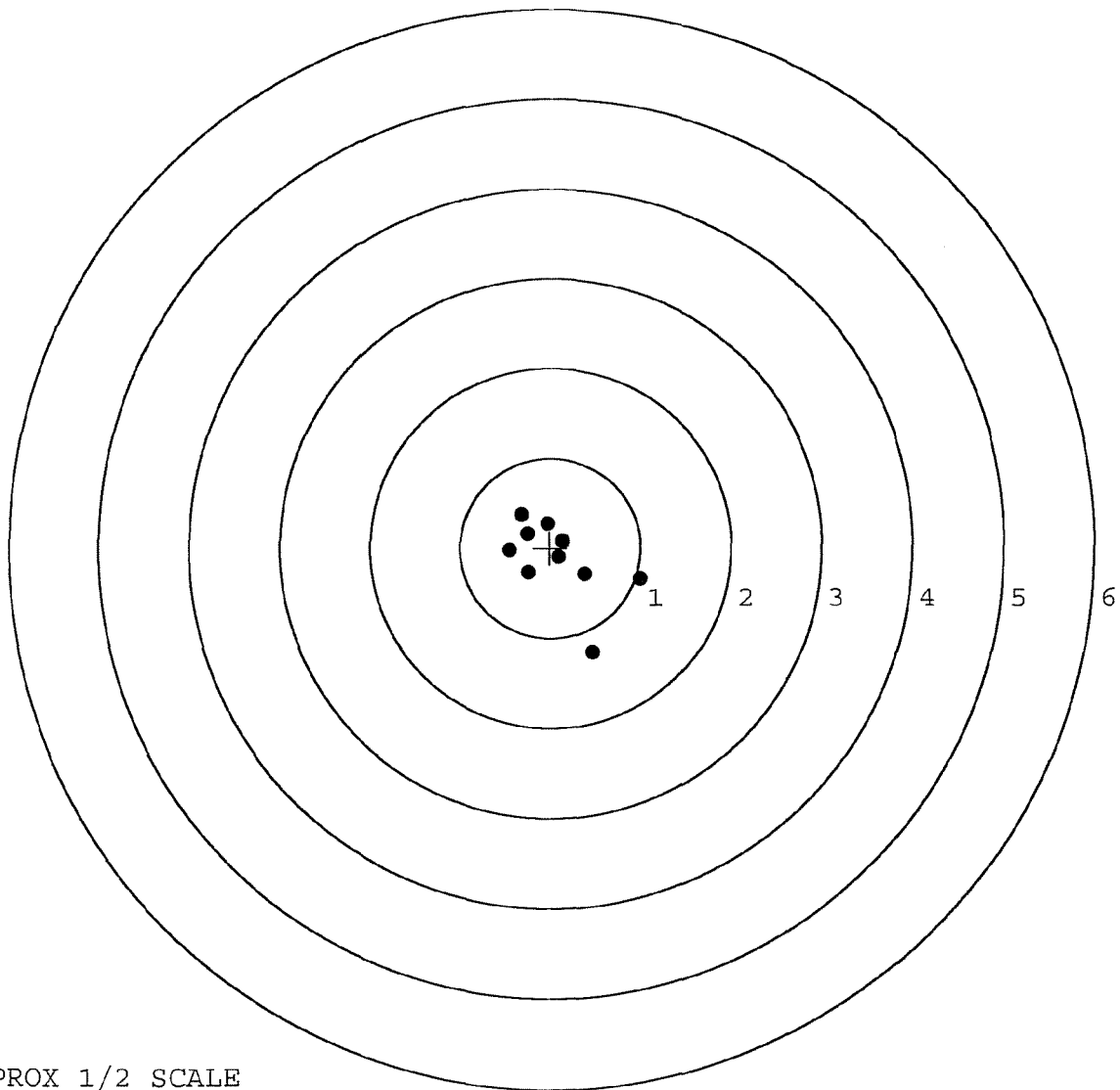


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523526. 0
TARGET NUMBER: 5
FILE DATE: 12/01/2005
FILE TIME: 15:18

POINT#	X	Y
1:	0.474	-1.164
2:	1.000	-0.345
3:	0.384	-0.288
4:	-0.241	-0.277
5:	0.096	-0.103
6:	0.141	0.078
7:	-0.038	0.273
8:	-0.451	-0.033
9:	-0.325	0.367
10:	-0.256	0.157

X CENTROID: 0.078
Y CENTROID: -0.134
POA TO CENTROID: 0.155
HORZ SPREAD: 1.451
VERT SPREAD: 1.531
GROUP SPREAD: 1.727
MIN RADIUS: 0.035
MAX RADIUS: 1.104
MEAN RADIUS: 0.505
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

11-03-05

TESTER

S.F.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.54	2.54		2.52	
PULL #2	2.33	2.60		2.61	
PULL #3	2.46	2.66		2.54	
PULL #4	2.57	2.61		2.70	
PULL #5	2.60	2.61		2.49	
TOTAL	12.50	13.02		12.86	
AVERAGE	2.50	2.60		2.57	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.02	3.04		
PULL #2	3.09	3.23		
PULL #3	3.04	3.08		
PULL #4	3.15	3.09		
PULL #5	3.17	2.83		
TOTAL	15.47	15.27		
AVERAGE	3.09	3.05		

	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	3.98	3.86		3.95
PULL #2	3.95	3.92		4.00
PULL #3	3.96	3.89		3.93
PULL #4	3.98	4.03		4.13
PULL #5	4.04	4.16		4.28
TOTAL	19.91	19.86		20.29
AVERAGE	3.98	3.97		4.06

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

R & E NUMBER	102784		Camp Shelby		
SERIAL NUMBER	C6523528				
LOG-IN DATE	10-26-05				
OPERATION #	OPERATION NAME		DATE	INITIAL	
500	DIS-ASSEMBLE GUN		11-4-05	AC	
505	RE-BARREL		11-8-05	A	
560	ASSEMBLE		11-15-05	CD	
600	PROOF	MAGNA-FLUX	11-15-05	CD	
605	CHECK HEADSPACE	INSPECTED	11-15-05	CD	
610	DIS-ASSEMBLE GUN	NOV 18 2005	11-15-05	CD	
612	MAGNAFLUX	OPERATOR <i>unus</i>	11-18-05	<i>unus</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	FB	
625	FINAL ASSEMBLY		11-24-05	RTZ	
640	FUNCTION TEST AND	PASS FAIL	12-1-05	TRW	
650	TARGET	PASS FAIL	12-1-05	TRW	
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION	12-1-05	TRW	
670	FINAL INSPECTION				
	A) HEADSPACE	PASS FAIL			
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.07 2.10 2.14 2.07 2.15	A	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	5 lbs 5 lbs 5 lbs	A	
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs	A	
	I) FIRING PIN INDENT	.020	.024 .024 .024	A	
690	PACK		12-2-05	RA	

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.

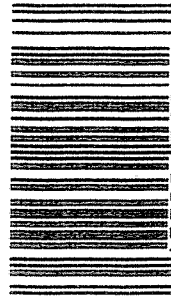
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.

SERIAL NO. C6523526	ORDER NO. 5716
-------------------------------	--------------------------



5716 C6523526

UPC



0 47700 25716 7

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06523526
17 Sep 1990

CENTROIDAL DISTANCES

0 TO	1	.105683
1 TO	2	.252745
1 TO	3	.837088
1 TO	4	.247316
1 TO	5	.420743

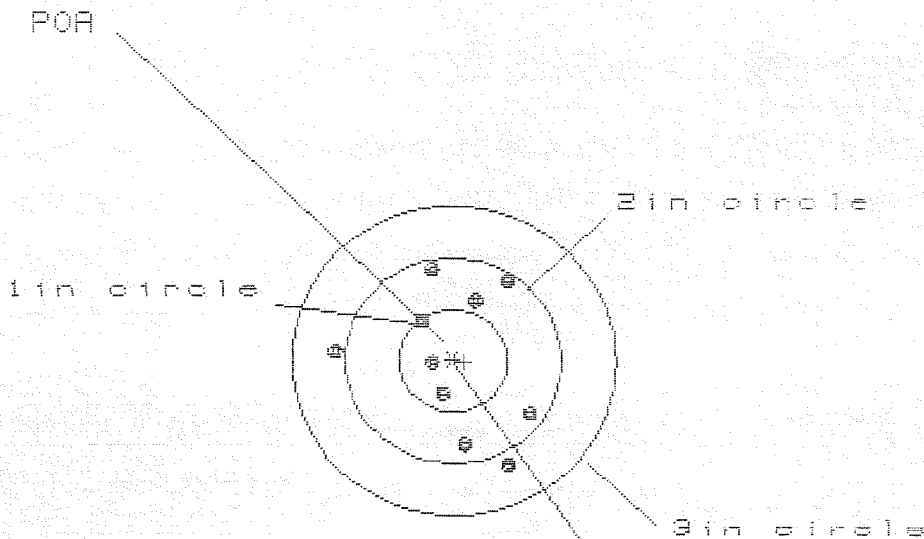
2
5
245 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1318
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .131812
THE AMR FOR THIS RIFLE IS: .8872

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C9523526

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS = 1.740

VS = 1.876

GS = 1.995

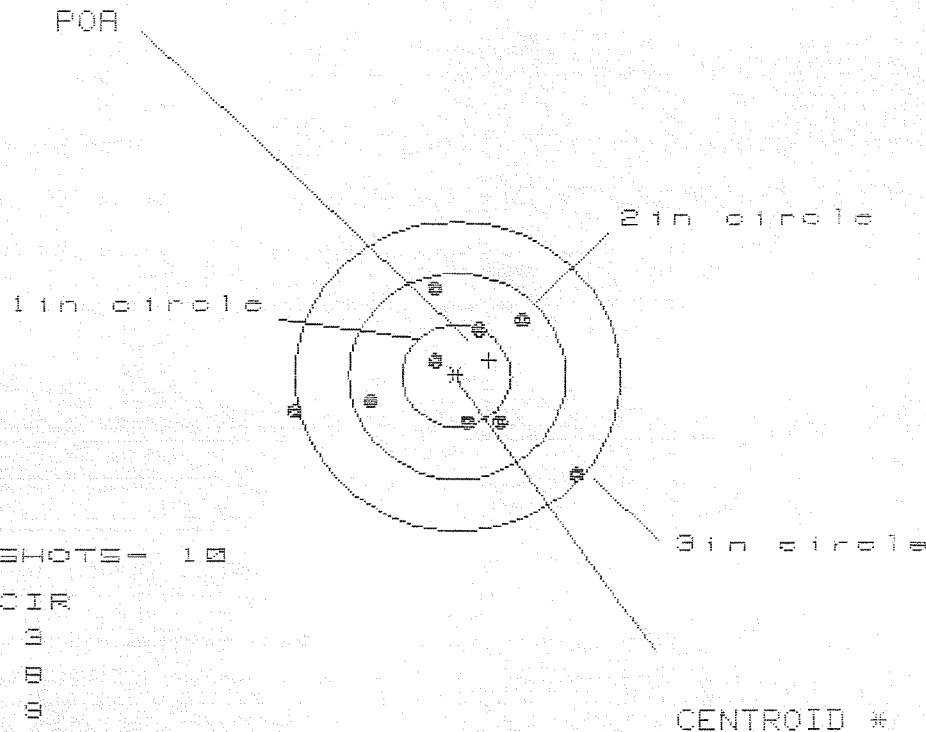
CENTROID *

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.656	.707	.578
MINIMUM X	:	-1.085	-1.033	-.357
MAXIMUM Y	:	.874	.763	.757
MINIMUM Y	:	-1.002	-.952	-.958
CENTROID X	:	-.105	-.157	-.028
CENTROID Y	:	.012	.123	.129
POA TO CENTROID in.	:	.106	.200	.132
MIN RADIUS	:	.245	.238	.352
MEAN RADIUS	:	.744	.690	.655
MAX RADIUS	:	1.105	1.034	.960
HORIZONTAL SPREAD	:	1.740	1.740	.935
VERTICAL SPREAD	:	1.876	1.715	1.715
EXTREME SPREAD	:	1.995	1.841	1.750
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523526

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 8

3in = 9

HS= 2.587

VS= 1.807

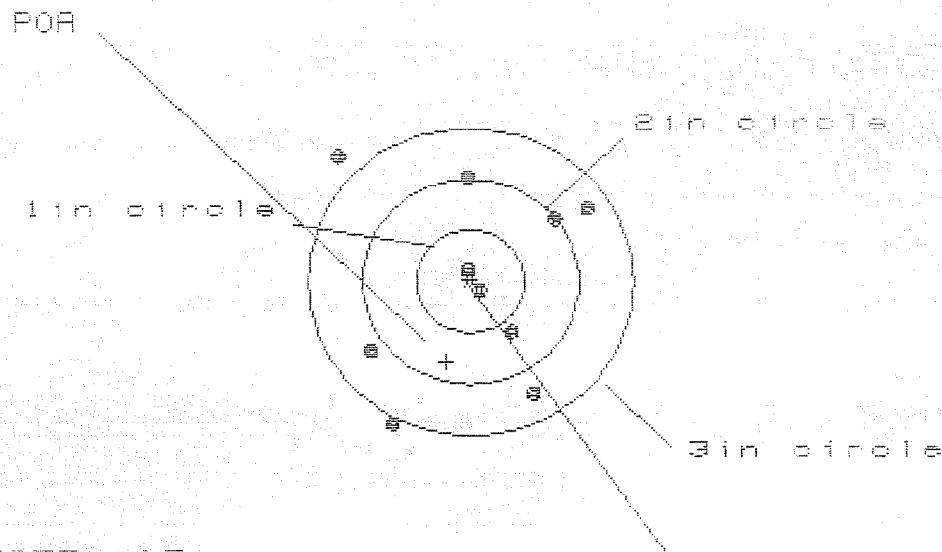
GS= 2.663

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.116	.953	.598
MINIMUM X	:	-1.471	-.996	-.877
MAXIMUM Y	:	.856	.821	.697
MINIMUM Y	:	-.951	-.986	-.614
CENTROID X	:	-.299	-.136	-.255
CENTROID Y	:	-.150	-.115	.009
POA TO CENTROID in.	:	.335	.178	.255
MIN RADIUS	:	.247	.395	.276
MEAN RADIUS	:	.790	.697	.589
MAX RADIUS	:	1.505	1.371	.979
HORIZONTAL SPREAD	:	2.587	1.949	1.475
VERTICAL SPREAD	:	1.807	1.807	1.311
EXTREME SPREAD	:	2.663	2.252	1.705
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523526

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.254

VS= 2.619

GS= 2.978

CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.067	.935	.823
MINIMUM X	:	-1.187	-1.057	-1.169
MAXIMUM Y	:	1.260	1.110	.957
MINIMUM Y	:	-1.358	-1.218	-1.123
CENTROID X	:	.221	.353	.465
CENTROID Y	:	.783	.643	.796
POA TO CENTROID in.	:	.814	.734	.922
MIN RADIUS	:	.150	.024	.191
MEAN RADIUS	:	.986	.882	.804
MAX RADIUS	:	1.731	1.512	1.337
HORIZONTAL SPREAD	:	2.254	1.992	1.992
VERTICAL SPREAD	:	2.619	2.328	2.080
EXTREME SPREAD	:	2.978	2.795	2.430
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/08523526

CENTERFIRE PATTERNS # 4

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 9

HS= 2.642

VS= 2.031

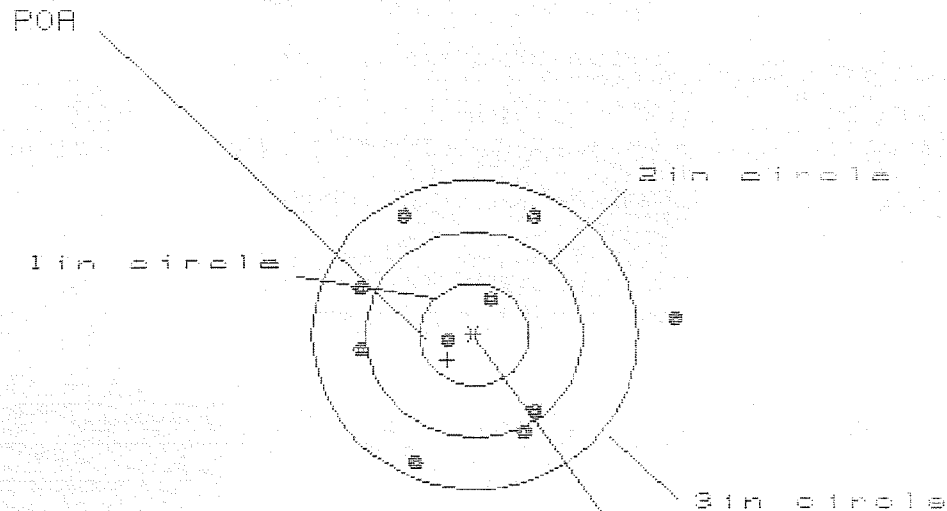
GS= 2.932

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.490	.660	.537
MINIMUM X	:	-1.152	-.986	-.588
MAXIMUM Y	:	1.103	1.150	1.050
MINIMUM Y	:	-.928	-.881	-.981
CENTROID X	:	-.054	-.220	-.097
CENTROID Y	:	-.230	-.277	-.177
POA TO CENTROID in.	:	.236	.354	.202
MIN RADIUS	:	.034	.079	.062
MEAN RADIUS	:	.858	.769	.700
MAX RADIUS	:	1.549	1.271	1.118
HORIZONTAL SPREAD	:	2.642	1.646	1.125
VERTICAL SPREAD	:	2.031	2.031	2.031
EXTREME SPREAD	:	2.932	2.373	2.052
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

17 Sep 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C8523526

CENTERFIRE PATTERNS # 5



OF SHOTS = 10
 # IN CIR
 1 in = 2
 2 in = 3
 3 in = 5
 HS = 2.922
 VS = 2.356
 GS = 2.933

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.854	.767	.726
MINIMUM X	:	-1.069	-.863	-.904
MAXIMUM Y	:	1.137	1.151	1.000
MINIMUM Y	:	-1.220	-1.205	-1.097
CENTROID X	:	.246	.041	.082
CENTROID Y	:	.244	.230	.381
POR TO CENTROID in.	:	.347	.233	.389
MIN RADIUS	:	.283	.083	.224
MEAN RADIUS	:	1.058	.939	.900
MAX RADIUS	:	1.858	1.358	1.245
HORIZONTAL SPREAD	:	2.922	1.630	1.630
VERTICAL SPREAD	:	2.356	2.356	2.097
EXTREME SPREAD	:	2.933	2.573	2.368
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6523526

DATE 9/13/90

TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.40	2.32	2.25	2.24	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.46	2.32	2.32	2.25	
PULL #3	2.51	2.36	2.29	2.20	
PULL #4	2.54	2.34	2.34	2.21	
PULL #5	2.46	2.34	2.27	2.28	
TOTAL	12.37	11.68	11.47		
AVG.	2.47	2.33	2.29		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.34		
PULL #2	3.37	3.21		
PULL #3	3.23	3.35		
PULL #4	3.23	3.35		
PULL #5	3.37	3.31		
TOTAL	16.47	16.56		
AVG.	3.30	3.31		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	4.22		4.34
PULL #2	4.23	4.25		4.29
PULL #3	4.23	4.21		4.25
PULL #4	4.00	4.22		4.05
PULL #5	4.16	4.14		4.29
TOTAL	20.81	21.04		21.22
AVG.	4.16	4.21		4.24

CAP - TEC

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523526

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/21/90	KCR
	Magnaflux Bolt		8/21/90	KCR
615	Rollmark Caliber		8/21/90	GS
617	Drill and Tap Sight Holes		8/23/90	FB
618	Polish Barrel DB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8/31/90	TS
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		9/13/90	WB
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		9/13/90	WB
	C) Inspect Ejector Hole for Chamfer		9/13/90	WB
	D) Oil Firing Pin Ass'y		9/13/90	WB
	E) Adjust Trigger Pull to Min Setting and Stake		9/13/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 1/2	4 1/2	4 1/2			9/13/90	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			9/13/90	WB
	H) Trigger Pull Test & Retainability						9/13/90	WB
	I) Firing Pin Indent	.024	.024	.024			9/13/90	WB
	J) Assemble Stock						9/14/90	KA
	K) Assemble Swivel Studs						9/17/90	JD
	L) Attach Front and Rear Sight Assemblies						9/14/90	KA
	M) Iron Sight Alignment						9/14/90	KA
	N) Detach Front & Rear Sights & place in numbered container						9/14/90	KA
	O) Attach Scope to Rifle						9/14/90	KA
	P) Detach & Attach Scope 20 Times						9/14/90	KA
640	Gallery Target & Test						9-17-90	DH
	A) Time						9-17-90	DH
	B) Malfunctions						9-17-90	DH
	C) Pierced Primers						9-17-90	DH
	D) Optical Clarity of Scope						9-17-90	DH
645	Inspect for Live Ammo						9-17-90	DH
655	Final Inspection							
	A) Headspace						9/17/90	JD
	B) Trigger Pull	224	225	220	221	228	9/17/90	JD
	C) Function						9/17/90	JD
660	Pack						9/19/90	VF