

C6587750

MODEL 700™ M24

Model **SWS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Repair Inquiry

Repair Number: **RE00126641**

Serial: C6587750 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 3/14/2007 5:59:58 AM

Address Information

Customer:

☒ Received From

Return To:

☒ Received From

Name: **TRANSPORTATION OFFICE**

TRANSPORTATION OFFICE

Address 1: **BLDG 7199**

BLDG 7199

Address 2: **GLIDER ROAD**

PO Box:

GLIDER ROAD

PO Box:

City: **FORT CAMPBELL**

FORT CAMPBELL

State: **KY**

Zip Code: **42223**

Country: **US**

State: **KY**

Zip Code: **42223**

Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: **NA**

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/14/2007

7:35 AM

CAPS

NUM

INS

SCRL

start

4 Micro...

Arms Ser...

Part Sear...

RAC0179...

5 Inter...

7:35 AM

Serial Number: **C6587750**

Model: **M24 SWS**



RE00126641

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6587750.___0
FILE DATE AND TIME: 04/12/2007 14:51

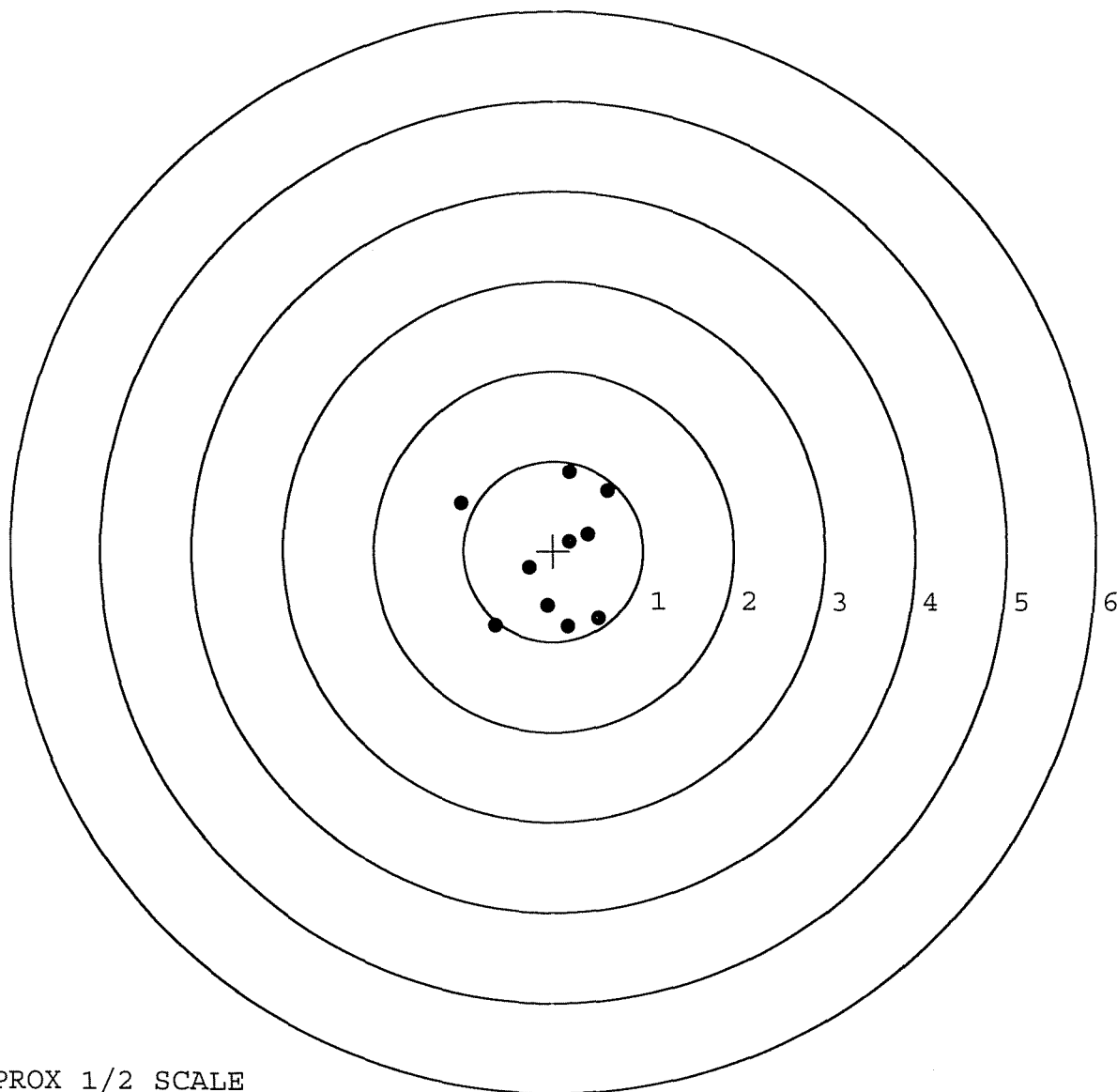
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.055
The Average Y Centroid of the Five Target Set:	-0.015
The Average Point of Impact of the Five Target Set:	0.057
The Average Mean Radius of the Five Target Set:	0.909
The Distance from POA to Centroid Target #1:	0.207
The Distance from Centroid Target #2 to Centroid Target #1:	0.243
The Distance from Centroid Target #3 to Centroid Target #1:	0.223
The Distance from Centroid Target #4 to Centroid Target #1:	0.339
The Distance from Centroid Target #5 to Centroid Target #1:	0.212

SERIAL NUMBER: C6587750. __0
 TARGET NUMBER: 2
 FILE DATE: 04/12/2007
 FILE TIME: 14:51

X CENTROID: 0.003
 Y CENTROID: -0.085
 POA TO CENTROID: 0.085
 HORZ SPREAD: 1.633
 VERT SPREAD: 1.712
 GROUP SPREAD: 1.993
 MIN RADIUS: 0.261
 MAX RADIUS: 1.199
 MEAN RADIUS: 0.728
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.509	-0.742
2:	0.170	-0.838
3:	-0.072	-0.607
4:	-0.643	-0.832
5:	0.184	0.874
6:	0.606	0.667
7:	0.390	0.183
8:	0.183	0.104
9:	-0.271	-0.188
10:	-1.027	0.528

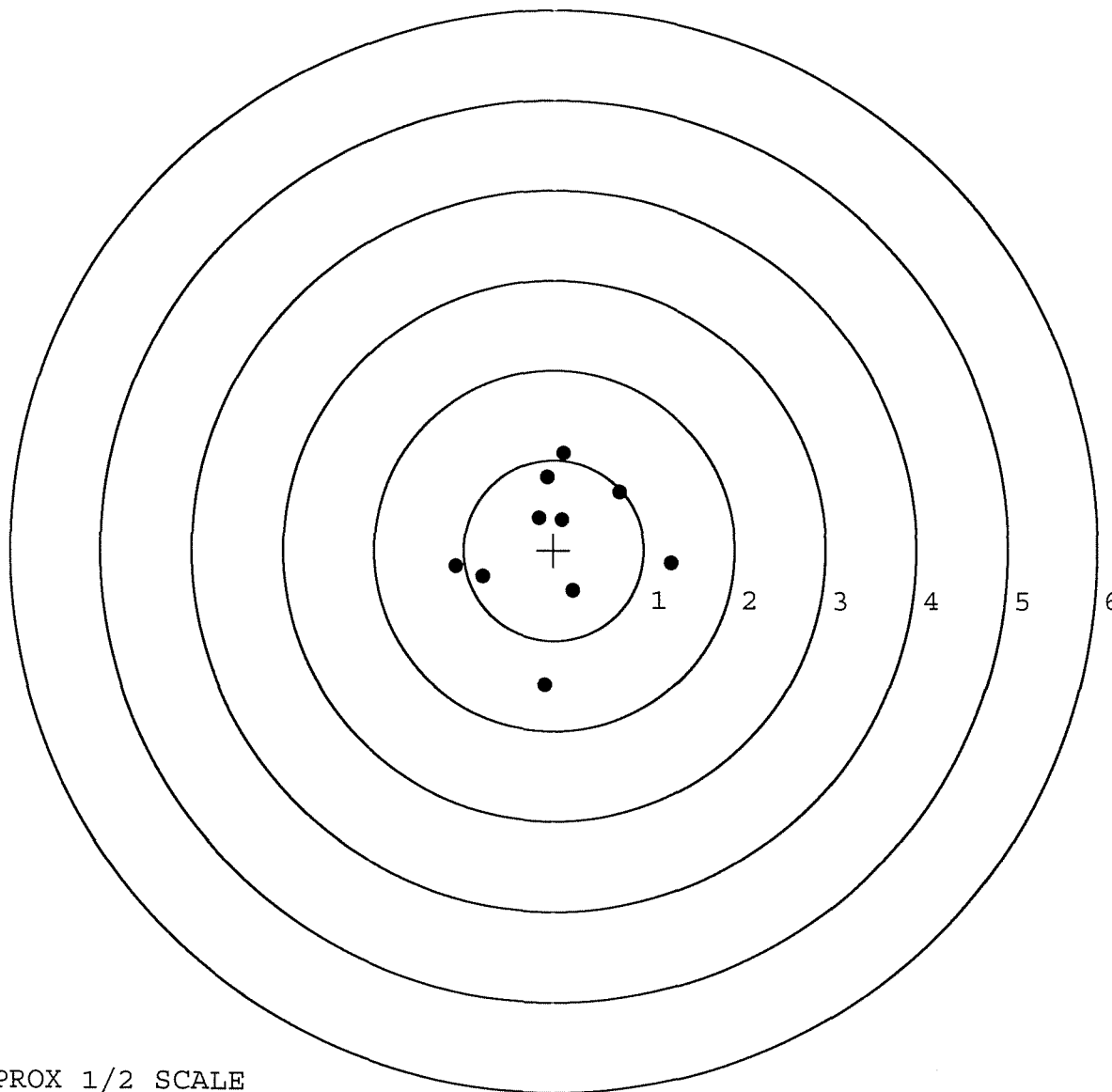


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587750. __0
 TARGET NUMBER: 3
 FILE DATE: 04/12/2007
 FILE TIME: 14:51

X CENTROID: 0.022
 Y CENTROID: 0.064
 POA TO CENTROID: 0.067
 HORZ SPREAD: 2.393
 VERT SPREAD: 2.576
 GROUP SPREAD: 2.585
 MIN RADIUS: 0.280
 MAX RADIUS: 1.568
 MEAN RADIUS: 0.877
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.304	-0.151
2:	0.220	-0.452
3:	-0.104	-1.499
4:	-0.793	-0.299
5:	-1.089	-0.184
6:	0.093	0.334
7:	-0.172	0.356
8:	0.729	0.642
9:	-0.077	0.812
10:	0.109	1.077



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587750. __0

TARGET NUMBER: 4

FILE DATE: 04/12/2007

FILE TIME: 14:51

X CENTROID: 0.138

Y CENTROID: 0.060

POA TO CENTROID: 0.151

HORZ SPREAD: 1.710

VERT SPREAD: 1.417

GROUP SPREAD: 1.875

MIN RADIUS: 0.291

MAX RADIUS: 1.052

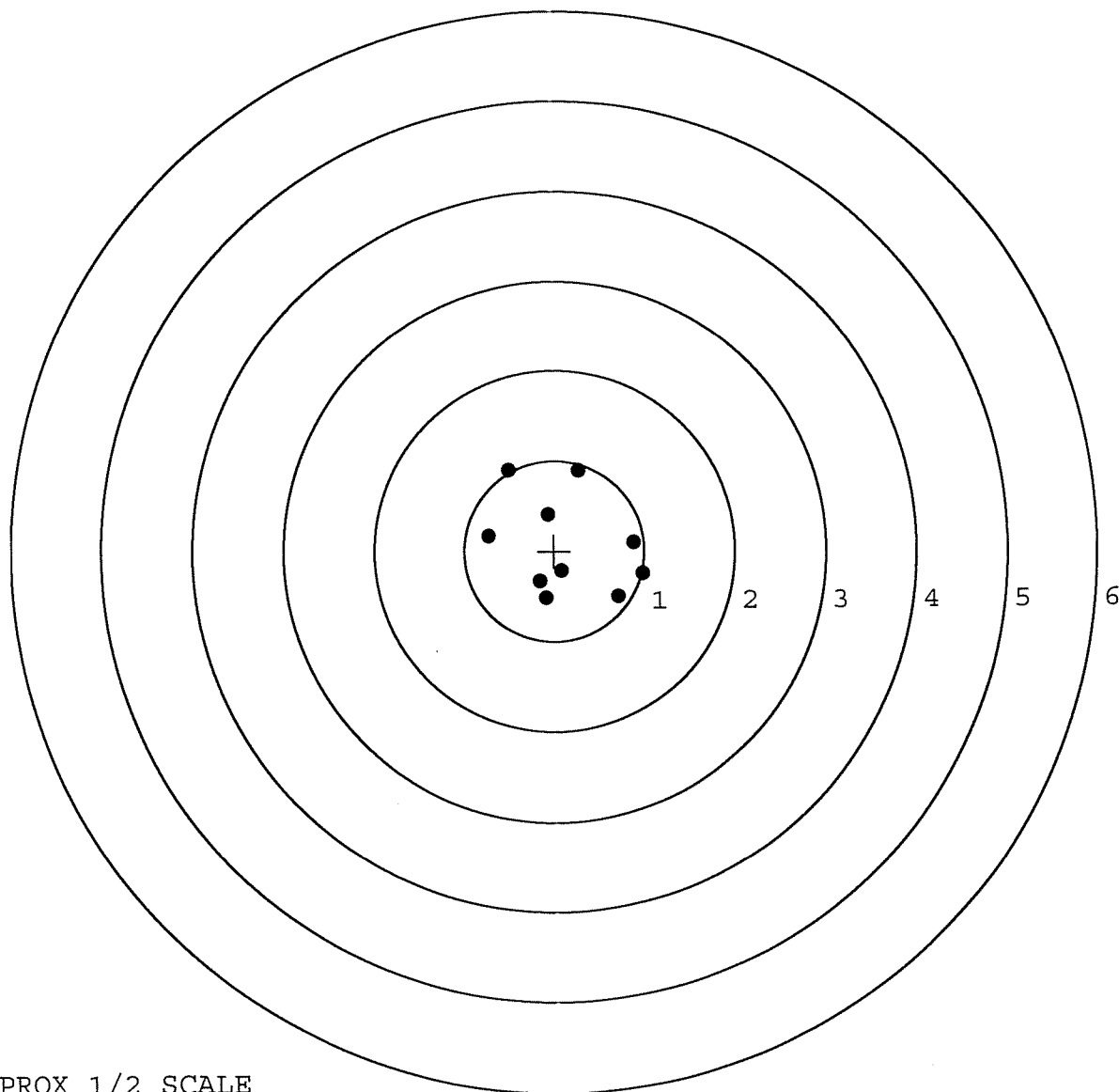
MEAN RADIUS: 0.703

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.710	-0.511
2:	0.981	-0.254
3:	0.886	0.090
4:	0.081	-0.226
5:	-0.095	-0.522
6:	-0.162	-0.334
7:	-0.729	0.169
8:	-0.067	0.402
9:	-0.501	0.895
10:	0.279	0.887



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6587750. __0

TARGET NUMBER: 5

FILE DATE: 04/12/2007

FILE TIME: 14:51

X CENTROID: -0.240

Y CENTROID: -0.160

POA TO CENTROID: 0.288

HORZ SPREAD: 2.426

VERT SPREAD: 2.486

GROUP SPREAD: 3.089

MIN RADIUS: 0.226

MAX RADIUS: 1.809

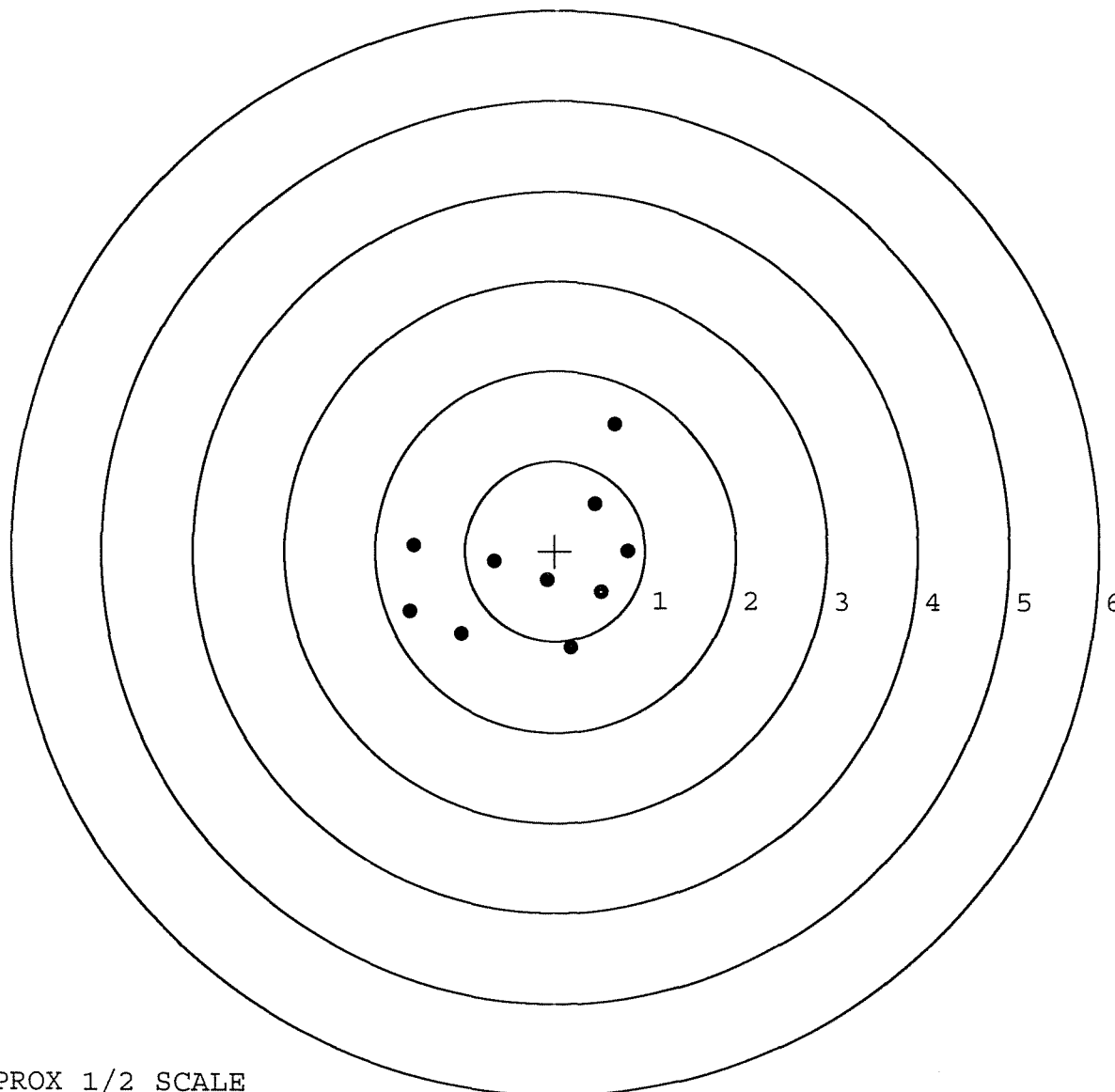
MEAN RADIUS: 1.026

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.181	-1.076
2:	0.515	-0.456
3:	0.811	-0.006
4:	0.442	0.528
5:	-0.092	-0.332
6:	0.659	1.410
7:	-0.679	-0.119
8:	-1.046	-0.932
9:	-1.615	-0.680
10:	-1.571	0.060



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	126641		
SERIAL NUMBER	C6587758		
LOG-IN DATE	3-16-07		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-21-07	RTZ
505	RE-BARREL	3-22-07	RTZ
560	ASSEMBLE	3-23-07	RTZ
600	PROOF	3-23-07	TRW
605	CHECK HEADSPACE	INSPECTED	3-23-07 TRW
610	DIS-ASSEMBLE GUN	MAR 26 2007	3-23-07 RTZ
612	MAGNAFLUX	OPERATOR <u>CPD</u>	3-26-07 APD
510	DRILL AND TAP		3-23-07 TRW
615	ROLLMARK CALIBER		3-26-07 CW
618	ROTO-BLAST		3-26-07 UB
620	APPLY COATINGS		3-29-07 WJ
625	FINAL ASSEMBLY		4-11-07 RTZ
640	FUNCTION TEST AND	(PASS) FAIL	4-12-07 TRW
650	TARGET	(PASS) FAIL	4-12-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		4-12-07 Fm
	A) HEADSPACE	(PASS) FAIL	4-19-07 mdy
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.40 2.63 2.50 2.63 2.69 4/19/07 km
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 5.0 5.0 4/19/07 vmm
	G) SAFETY OFF FORCE	2 LBS MIN	4.0 3.0 3.0 4/19/07 mdy
	I) FIRING PIN INDENT	.020	.023 .023 .024 4/19/07 km
690	PACK		4-23-07 DPA

Remington

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

MODEL 700™ H24**SERIAL NO.**

C6587750

ORDER NO.**5716**

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

01



5716 C6587750

UPC

0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6587750

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1023	90	RW
600	Proof	1023	90	RW
607	Check Headspace	1023	90	RW
610	Dis-assemble Gun	1023	90	RW
612	Magnaflux Barrel Action		10/24/90	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	JS.
617	Drill and Tap Sight Holes		10/25/90	LB
618	Polish Barrel RB		10/26/90	WB
620	Apply Coatings (Barrel Action)		11-7-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		11/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/12/90	RW
	C) Inspect Ejector Hole for Chamfer		11/12/90	RW
	D) Oil Firing Pin Ass'y		11/13/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		11-16-90	JS

OP. NAME	READINGS			DATE	INIT		
F) Safety On Force	4	4	4	11/16/90	WB		
G) Safety Off Force	2 1/2	2 1/2	2 1/2	11/16/90	WB		
H) Trigger Pull Test & Retainability				11-16-90	JH		
I) Firing Pin Indent	.0215	.022	.022	11/16/90	WB		
J) Assemble Stock				11/17/90	RW		
K) Assemble Swivel Studs				11-27-90	JS		
L) Attach Front and Rear Sight Assemblies				11/17/90	RW		
M) Iron Sight Alignment				11/17/90	RW		
N) Detach Front & Rear Sights & place in numbered container				11/17/90	RW		
O) Attach Scope to Rifle				11/17/90	RW		
P) Detach & Attach Scope 20 Times				11/17/90	RW		
Gallery Target & Test				11-28-90	AC		
A) Time				11-28-90	AC		
B) Malfunctions				11-28-90	AC		
C) Pierced Primers				11-28-90	AC		
D) Optical Clarity of Scope				11-28-90	AC		
Inspect for Live Ammo				11-28-90	AC		
Final Inspection							
A) Headspace				11-27-90	JS		
B) Trigger Pull	294	285	262	213	268	11-27-90	JS
C) Function						11-27-90	JS
Pack						12-8-90	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO 06587750DATE 11-16-80TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.30	2.30	2.47	294	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.26	2.27	2.20	285	
PULL #3	2.32	2.28	2.35	262	
PULL #4	2.33	2.13	2.30	283	
PULL #5	2.35	2.40	2.34	268	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.48	3.13		
PULL #2	3.24	3.13		
PULL #3	3.41	3.33		
PULL #4	3.28	3.35		
PULL #5	3.41	3.80		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.38		4.29
PULL #2	4.33	4.40		4.26
PULL #3	4.17	4.27		4.30
PULL #4	4.41	4.35		4.44
PULL #5	4.40	4.26		4.23
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6587750
27 Nov 1990

CENTROIDAL DISTANCES

0 TO	1	.596121
1 TO	2	.617934
1 TO	3	.846717
1 TO	4	.777985
1 TO	5	.830954

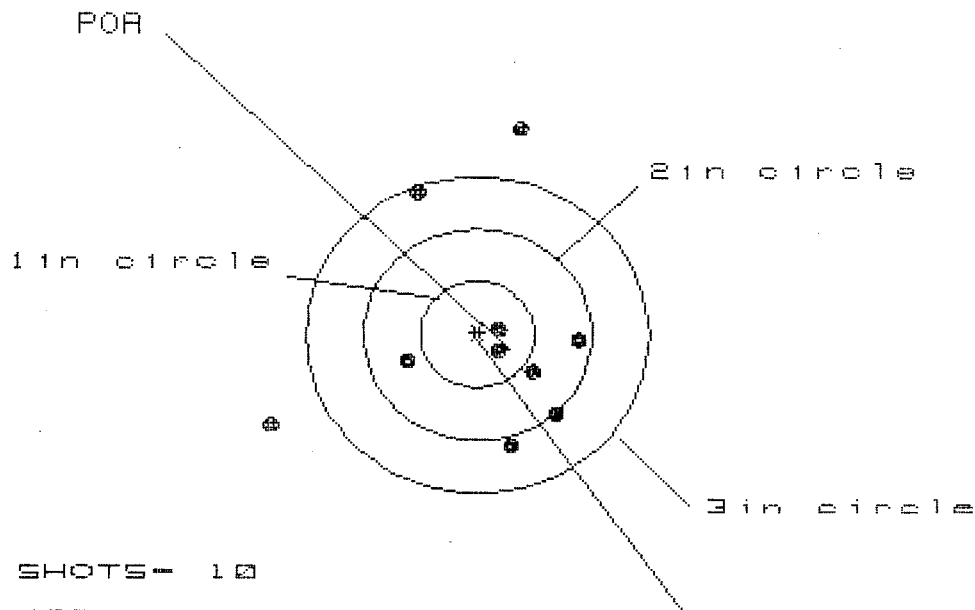
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0452
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0468
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0650637
THE AMR FOR THIS RIFLE IS: .9114

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587750

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 6

3 in - 8

HS- 2.716

VS= 3.057

GS= 3.565

CENTROID *

PATTERN #	:	1	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.890	.688	.704
MINIMUM X	:	-1.826	-.835	-.819
MAXIMUM Y	:	1.978	1.883	1.529
MINIMUM Y	:	-1.079	-1.174	-.939
CENTROID X	:	-.484	-.282	-.298
CENTROID Y	:	.348	.443	.208
POR TO CENTROID in.	:	.596	.525	.364
MIN RADIUS	:	.184	.040	.039
MEAN RADIUS	:	1.018	.875	.692
MAX RADIUS	:	2.016	1.888	1.702
HORIZONTAL SPREAD	:	2.716	1.523	1.523
VERTICAL SPREAD	:	3.057	3.057	2.468
EXTREME SPREAD	:	3.565	3.057	2.618
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587750

CENTERFIRE PATTERNS

2

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 10

HS = 1.497

VS = 2.529

GS = 2.632

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.888	.930	.891
MINIMUM X	:	-.609	-.567	-.606
MAXIMUM Y	:	1.265	1.124	.651
MINIMUM Y	:	-1.264	-.870	-.730
CENTROID X	:	.085	.044	.083
CENTROID Y	:	.107	.248	.107
POA TO CENTROID in.	:	.137	.252	.136
MIN RADIUS	:	.109	.054	.109
MEAN RADIUS	:	.763	.679	.624
MAX RADIUS	:	1.319	1.213	1.095
HORIZONTAL SPREAD	:	1.497	1.497	1.497
VERTICAL SPREAD	:	2.529	1.994	1.381
EXTREME SPREAD	:	2.632	2.273	1.833
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587750

CENTERFIRE PATTERNS

3

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 3

2 in = 5

3 in = 10

HS= 1.852

VS= 2.338

GS= 2.679

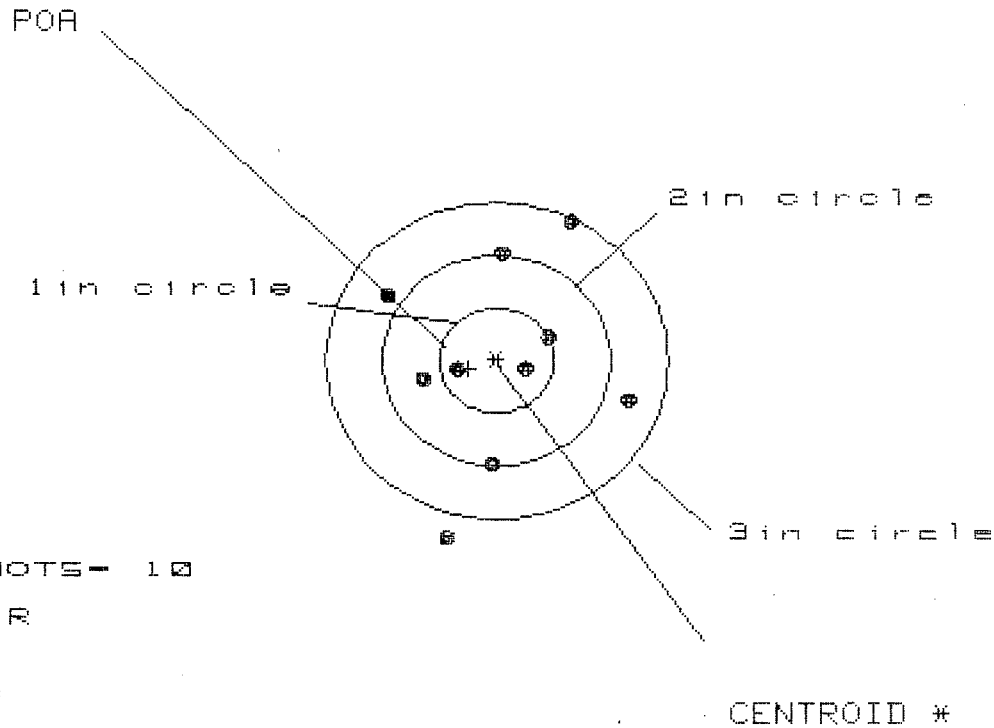
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.048	.959	1.011
MINIMUM X	:	-.803	-.689	-.637
MAXIMUM Y	:	1.227	1.065	.943
MINIMUM Y	:	-1.111	-.975	-.572
CENTROID X	:	.169	.258	.206
CENTROID Y	:	-.191	-.327	-.205
POA TO CENTROID in.	:	.255	.417	.291
MIN RADIUS	:	.139	.054	.101
MEAN RADIUS	:	.822	.721	.689
MAX RADIUS	:	1.467	1.254	1.183
HORIZONTAL SPREAD	:	1.852	1.648	1.648
VERTICAL SPREAD	:	2.338	2.040	1.515
EXTREME SPREAD	:	2.679	2.111	2.030
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

26 Nov 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587750

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1 in - 2

2 in - 5

3 in - 8

HS = 2.053

VS = 2.988

GS = 3.187

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.119	1.069	1.144
MINIMUM X	:	-.934	-.984	-.909
MAXIMUM Y	:	1.353	1.171	1.006
MINIMUM Y	:	-1.635	-1.170	-1.024
CENTROID X	:	.246	.296	.221
CENTROID Y	:	.079	.260	.114
POA TO CENTROID in.	:	.259	.394	.248
MIN RADIUS	:	.216	.272	.249
MEAN RADIUS	:	.926	.837	.757
MAX RADIUS	:	1.697	1.319	1.230
HORIZONTAL SPREAD	:	2.053	2.053	2.053
VERTICAL SPREAD	:	2.988	2.341	2.030
EXTREME SPREAD	:	3.187	2.457	2.295
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

26 May 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6587750

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.636

VS= 2.682

GS= 3.046

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.947	1.021	.819
MINIMUM X	:	-1.689	-1.615	-1.313
MAXIMUM Y	:	1.004	.818	.827
MINIMUM Y	:	-1.678	-.919	-.910
CENTROID X	:	.210	.136	.338
CENTROID Y	:	-.109	.077	.069
POA TO CENTROID in.	:	.236	.156	.345
MIN RADIUS	:	.333	.136	.312
MEAN RADIUS	:	1.028	.912	.795
MAX RADIUS	:	1.005	1.616	1.597
HORIZONTAL SPREAD	:	2.636	2.636	2.132
VERTICAL SPREAD	:	2.682	1.737	1.737
EXTREME SPREAD	:	3.046	2.636	2.345
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	