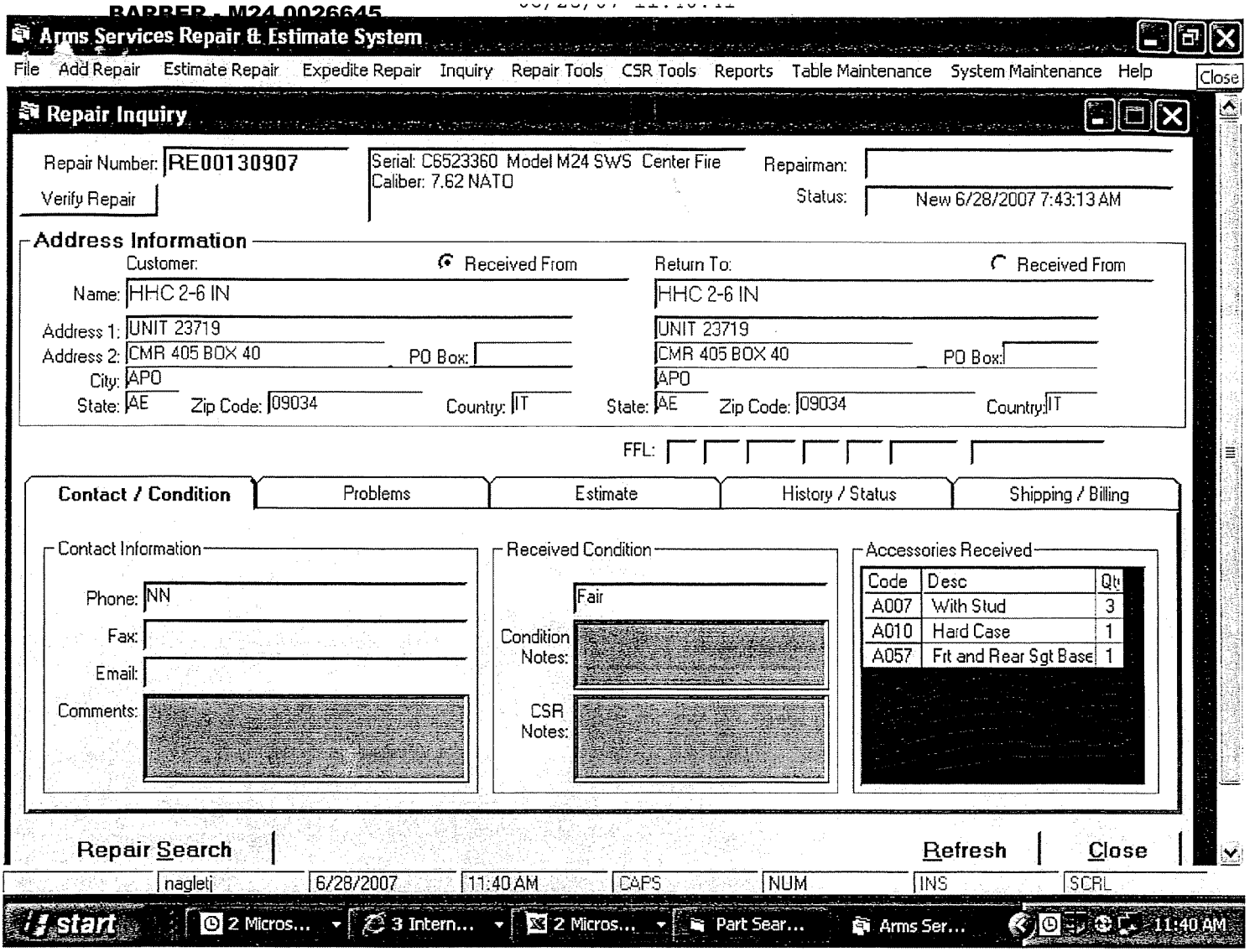
C623360
MODEL 700™ M24
Model 5/46 ™
Action
Barrel Length
Capacity
Order No. 571 6
*Includes 1 in chamber.
Remington



Serial Number: C6523360

Model: M24 SWS

RE00130907

DEPARTMENT OF THE ARMY
HEADQUARTERS AND HEADQUARTERS COMPANY
2ND BATTALION, 6TH INFANTRY REGIMENT
UNIT 23719
APO AE 09034

REPLY TO
ATTENTION OF

AETV-THO-PZ

30 April 2007

MEMORANDUM TO Baumholder Movement Control Team, ATTN: Mr Bremer

SUBJECT: Shipment of M24 Sniper Weapons Systems to Remington Arms Co.

1. The purpose of this memorandum is to request Baumholder MCT support in the transportation of unit owned weapons to Remington Arms Company for warranty repair and support.

2. Presently, 2-6 IN is training for future deployments to the CENTCOM AOR in support of OIF. 2-6 IN requests that these weapons be shipped at the highest priority in order to make them available for future combat operations.

3. Due to excessive round counts on the sniper weapon system it is necessary for the weapons to be refurbished at the manufacturer. Special details of the weapons are as follows:

	Nomenclature	NSN	SERIAL #
a.	M24 SWS	1005-01-240-2136	C6523360
b.	M24 SWS	1005-01-240-2136	C6587557
c.	M24 SWS	1005-01-240-2136	C6348943

4. These weapon systems serial numbers were reported to PBO resulting in an FTE and AOE document number:

a. FTE: WAPWT0 7093-2000

b. AOE: WAPWT0 7112-2000

5. HHC 2-6 IN's mailing address:

HHC 2-6 IN
Unit 23719
CMR 405 Box 40
APO AE 09034

6. HHC 2-6 IN CL VII DODAAC: WK4K7A

AETV-THO-PZ
SUBJECT: Shipment of M24 Sniper Weapons Systems to Remington Arms Co.

7. Unit requests shipment of the above mentioned weapon systems to the following address for warranty repair:

Remington Arms Co., Inc.
ATTN: Service Dept.
14 Hoefler Avenue
Ilion, NY 13357-1816

RIC: C3J
DODAAC: CMASCA

8. Point of contact for this memorandum is CPT Kenneth Jordan at DSN 485-8363 or CIV 06783-68363.

KENNETH M. JORDAN
CPT, IN
Battalion S-4

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523360.__0
FILE DATE AND TIME: 07/31/2007 14:52

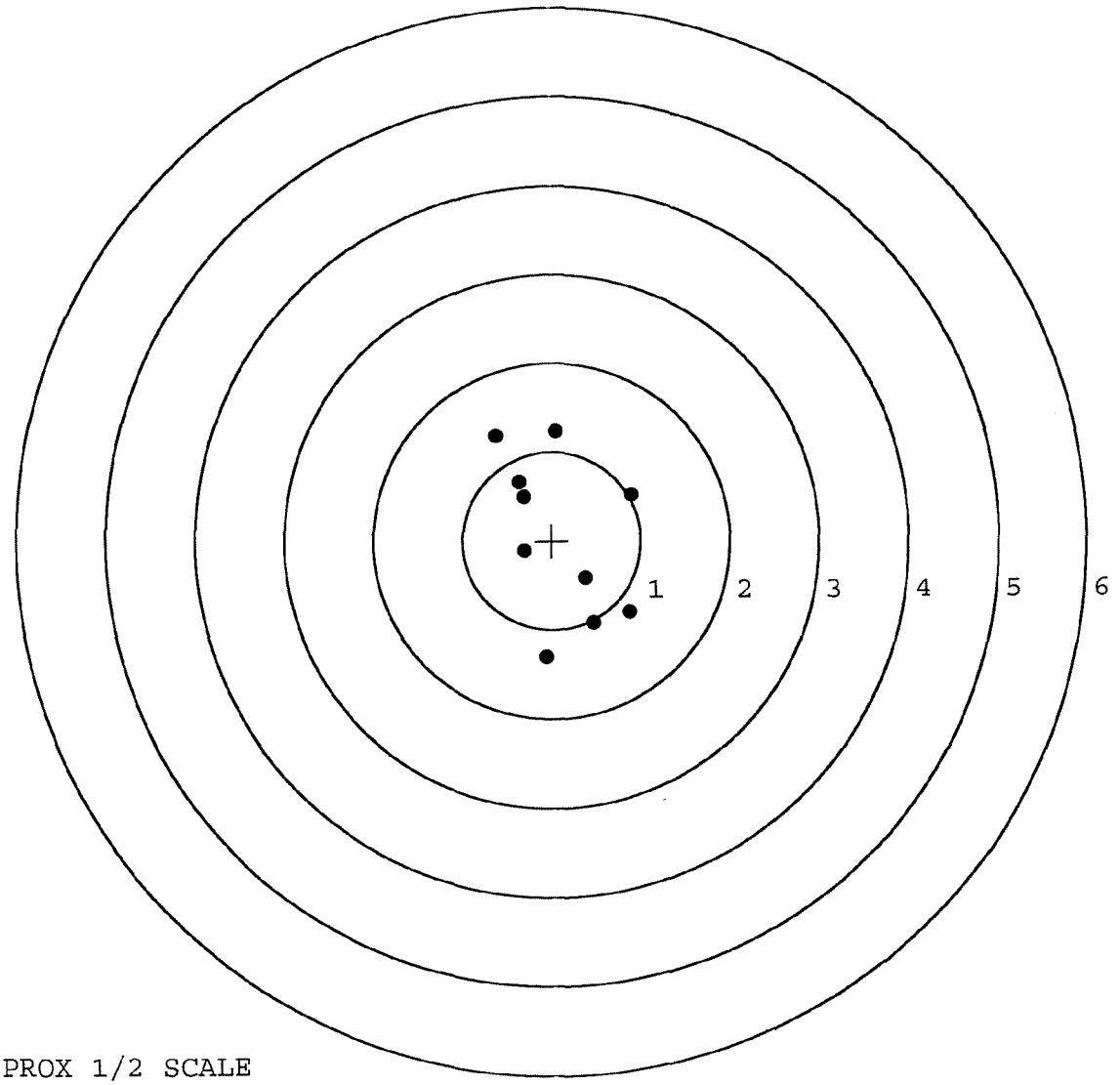
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.054
The Average Y Centroid of the Five Target Set:	-0.095
The Average Point of Impact of the Five Target Set:	0.109
The Average Mean Radius of the Five Target Set:	0.680
The Distance from POA to Centroid Target #1:	0.109
The Distance from Centroid Target #2 to Centroid Target #1:	0.263
The Distance from Centroid Target #3 to Centroid Target #1:	0.179
The Distance from Centroid Target #4 to Centroid Target #1:	0.242
The Distance from Centroid Target #5 to Centroid Target #1:	0.134

SERIAL NUMBER: C6523360.__0
TARGET NUMBER: 1
FILE DATE: 07/31/2007
FILE TIME: 14:52

X CENTROID:	0.097
Y CENTROID:	0.049
POA TO CENTROID:	0.109
HORZ SPREAD:	1.520
VERT SPREAD:	2.551
GROUP SPREAD:	2.558
MIN RADIUS:	0.436
MAX RADIUS:	1.378
MEAN RADIUS:	0.939
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.868	-0.811
2:	0.464	-0.927
3:	0.377	-0.424
4:	-0.073	-1.318
5:	-0.307	-0.116
6:	0.899	0.517
7:	-0.315	0.497
8:	-0.371	0.661
9:	0.048	1.233
10:	-0.621	1.181

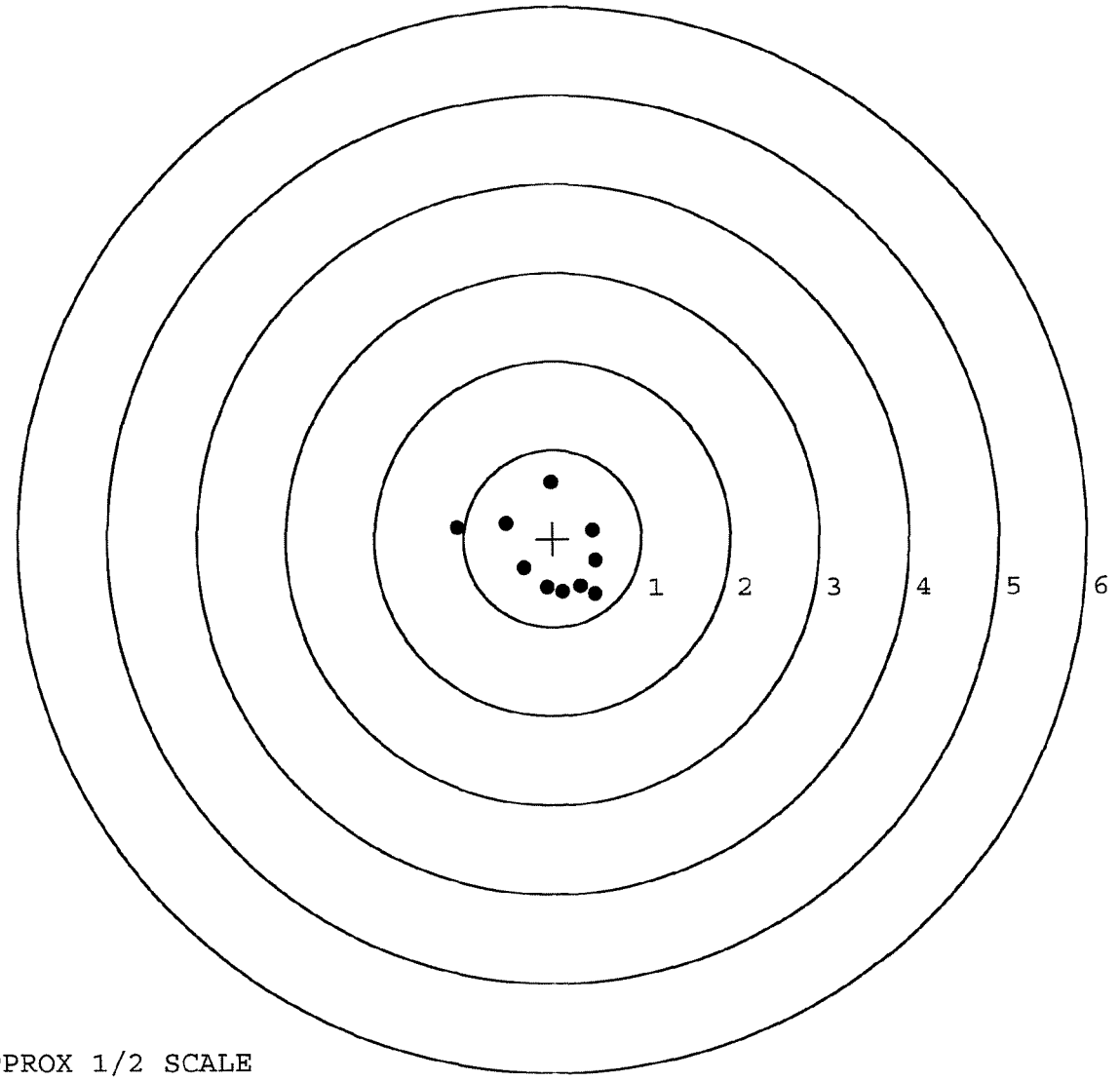


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523360.__0
TARGET NUMBER: 2
FILE DATE: 07/31/2007
FILE TIME: 14:52

X CENTROID:	-0.022
Y CENTROID:	-0.185
POA TO CENTROID:	0.186
HORZ SPREAD:	1.561
VERT SPREAD:	1.261
GROUP SPREAD:	1.732
MIN RADIUS:	0.341
MAX RADIUS:	1.104
MEAN RADIUS:	0.590
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.026	0.637
2:	-0.533	0.176
3:	-1.080	0.130
4:	0.440	0.096
5:	0.481	-0.243
6:	0.479	-0.624
7:	0.307	-0.537
8:	0.111	-0.601
9:	-0.067	-0.554
10:	-0.330	-0.332

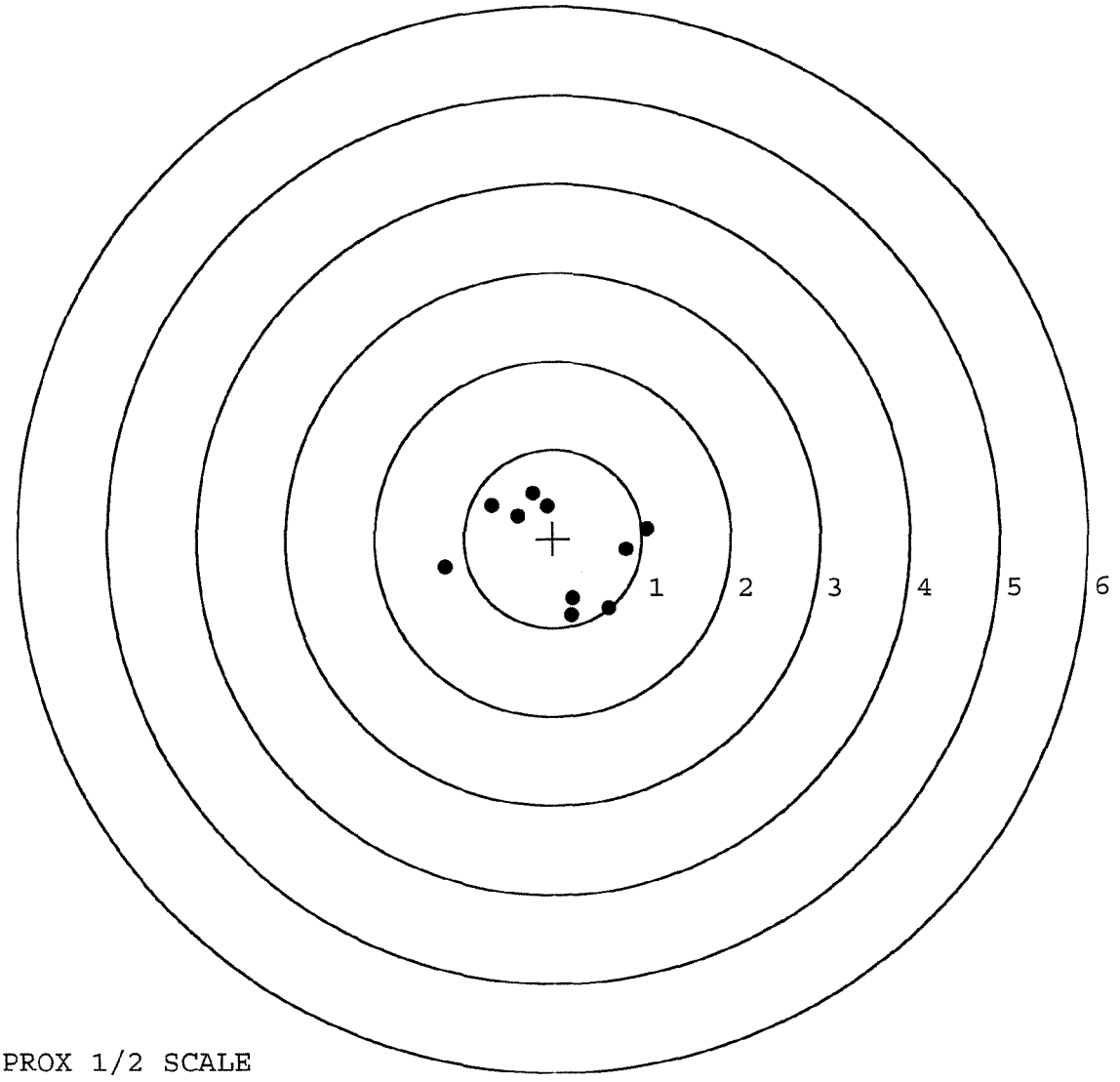


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523360.__0
TARGET NUMBER: 3
FILE DATE: 07/31/2007
FILE TIME: 14:52

X CENTROID:	0.032
Y CENTROID:	-0.118
POA TO CENTROID:	0.122
HORZ SPREAD:	2.268
VERT SPREAD:	1.362
GROUP SPREAD:	2.308
MIN RADIUS:	0.483
MAX RADIUS:	1.258
MEAN RADIUS:	0.793
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.625	-0.786
2:	0.203	-0.856
3:	0.220	-0.672
4:	0.823	-0.120
5:	1.059	0.105
6:	-0.072	0.354
7:	-0.232	0.506
8:	-0.400	0.249
9:	-0.692	0.367
10:	-1.209	-0.322

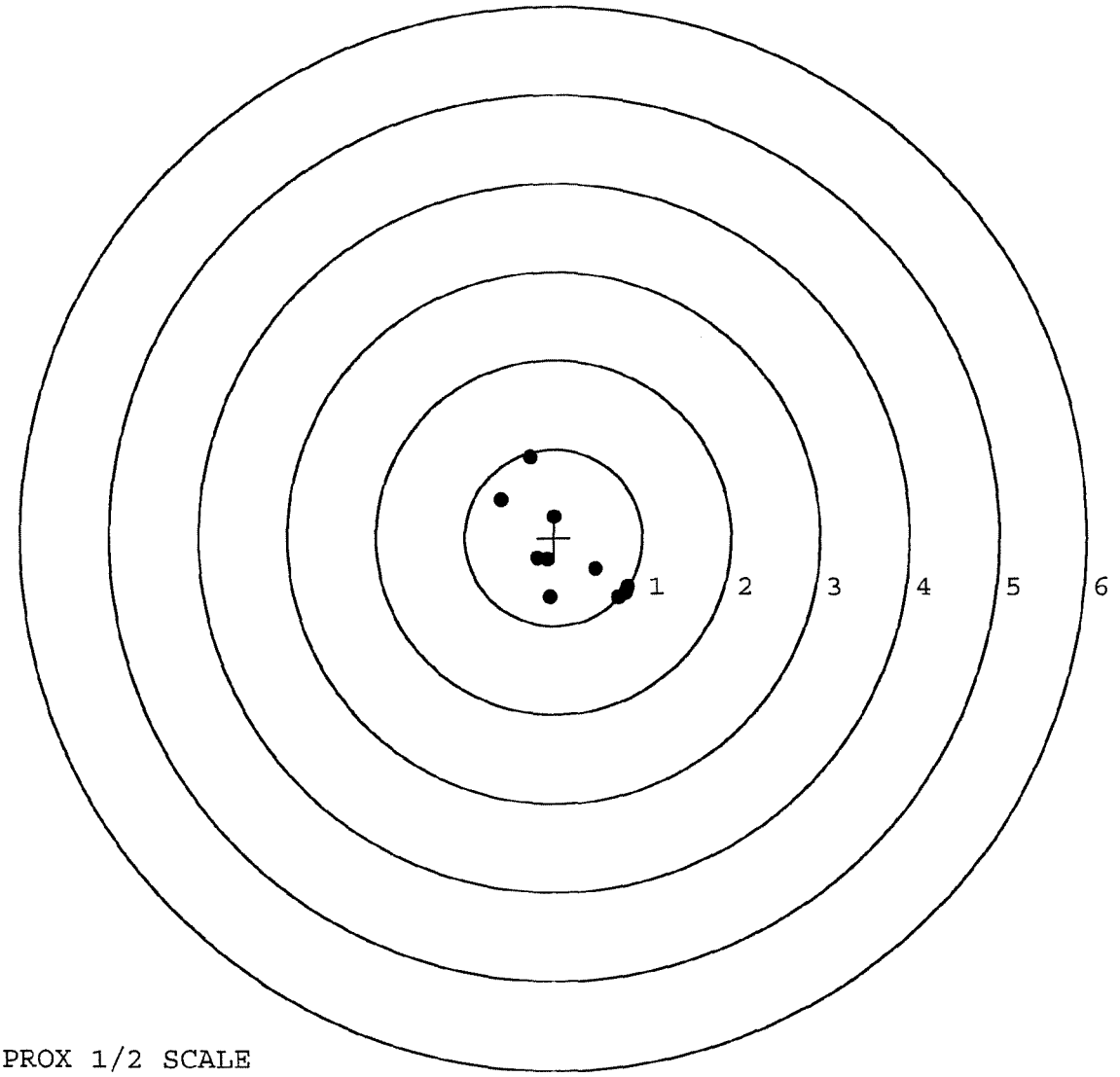


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523360.__0
TARGET NUMBER: 4
FILE DATE: 07/31/2007
FILE TIME: 14:52

X CENTROID:	0.168
Y CENTROID:	-0.182
POA TO CENTROID:	0.247
HORZ SPREAD:	1.428
VERT SPREAD:	1.595
GROUP SPREAD:	1.882
MIN RADIUS:	0.255
MAX RADIUS:	1.174
MEAN RADIUS:	0.642
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.834	-0.559
2:	0.732	-0.686
3:	0.473	-0.359
4:	-0.041	-0.684
5:	-0.188	-0.234
6:	-0.003	0.240
7:	-0.594	0.430
8:	-0.267	0.909
9:	0.812	-0.625
10:	-0.078	-0.249

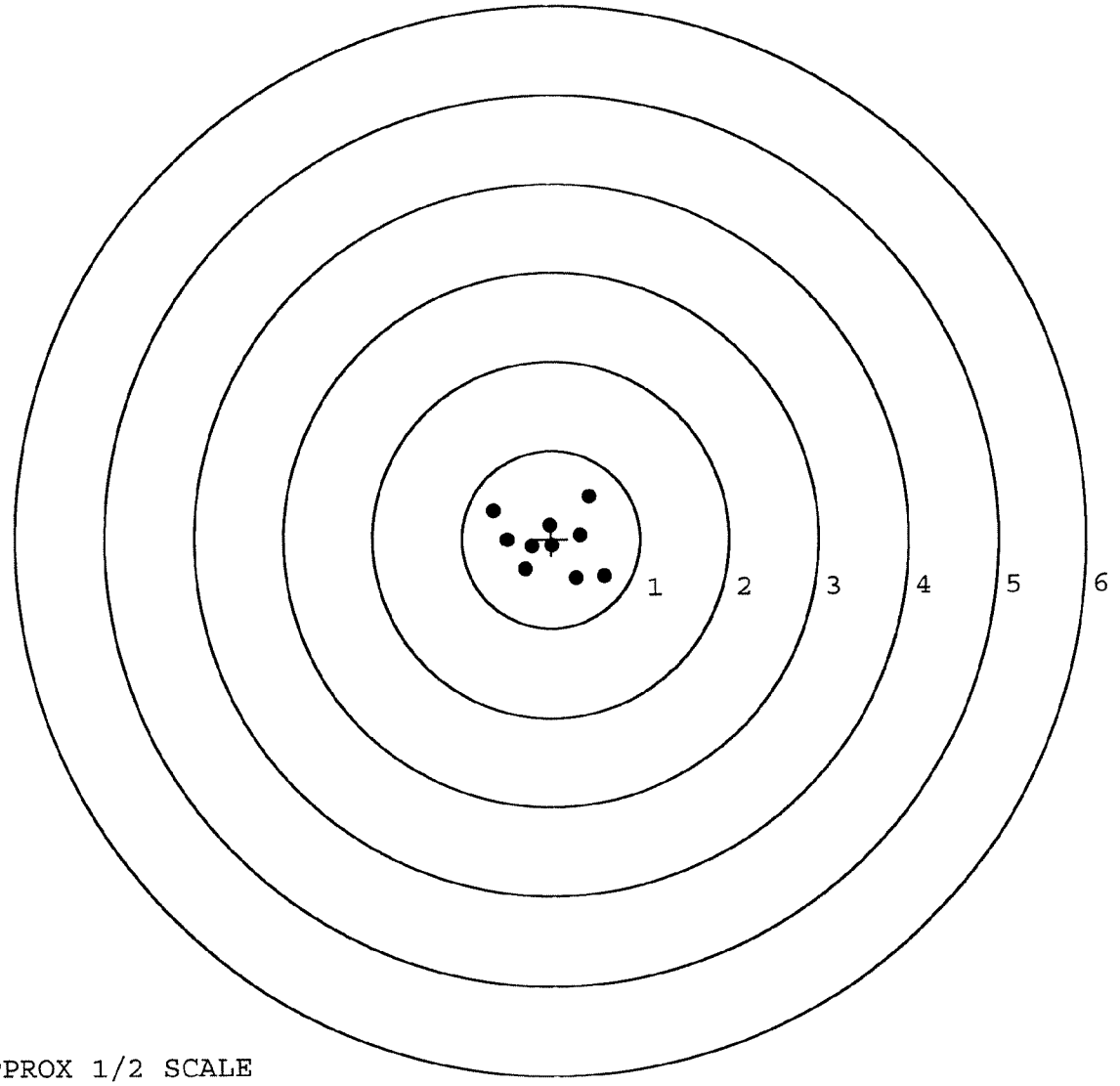


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523360.__0
TARGET NUMBER: 5
FILE DATE: 07/31/2007
FILE TIME: 14:52

X CENTROID:	-0.004
Y CENTROID:	-0.039
POA TO CENTROID:	0.039
HORZ SPREAD:	1.244
VERT SPREAD:	0.924
GROUP SPREAD:	1.454
MIN RADIUS:	0.038
MAX RADIUS:	0.737
MEAN RADIUS:	0.434
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.598	-0.429
2:	0.275	-0.450
3:	0.432	0.474
4:	-0.646	0.323
5:	-0.296	-0.346
6:	-0.497	-0.009
7:	-0.223	-0.081
8:	0.323	0.042
9:	-0.015	0.157
10:	0.011	-0.074



TARGET APPROX 1/2 SCALE

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

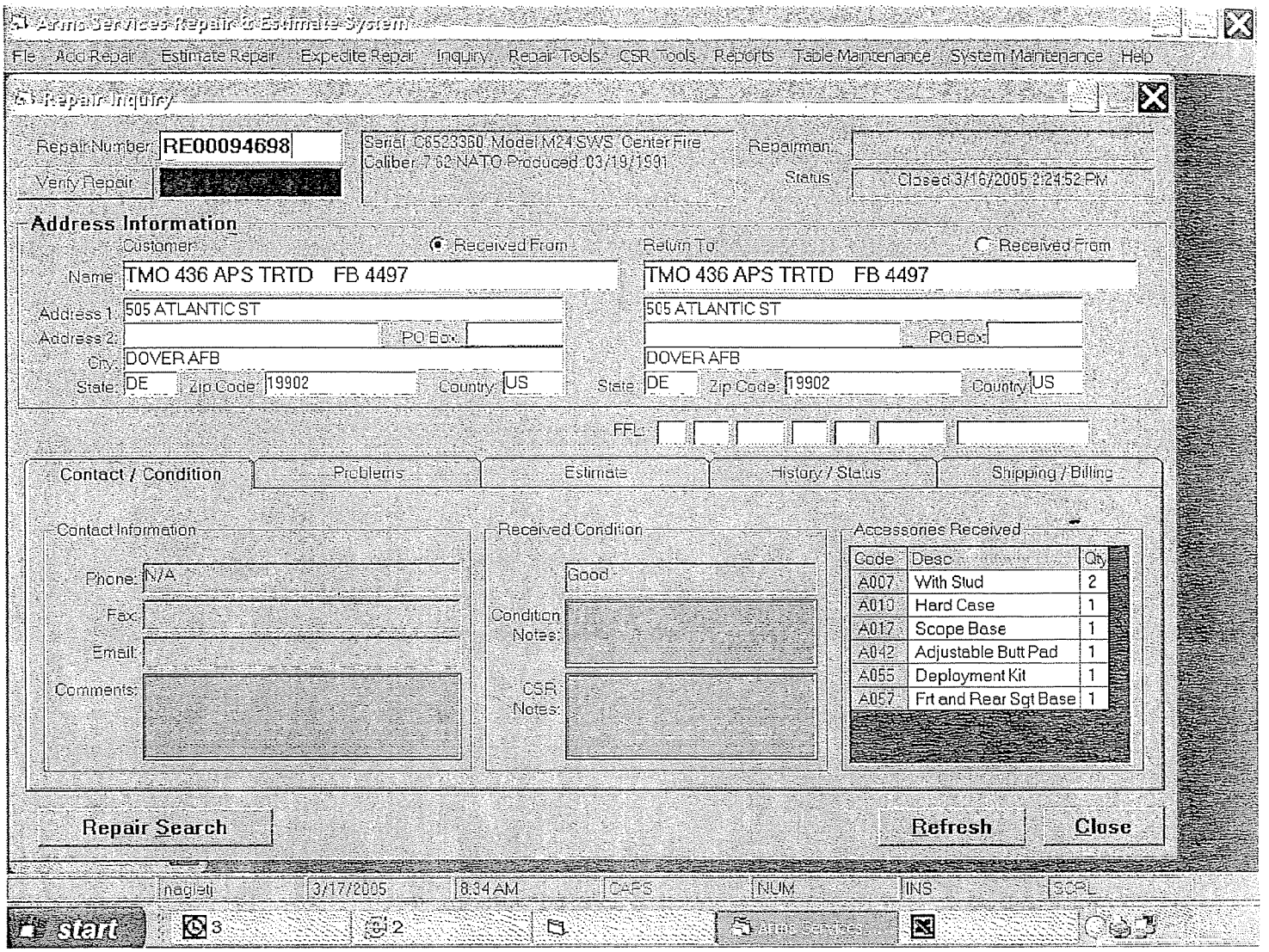
R & E NUMBER 130907

SERIAL NUMBER C6523360

LOG-IN DATE 6-28-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		7-16-07	RTL
505	RE-BARREL		7-17-07	RTL
560	ASSEMBLE		7-19-07	TRW
600	PROOF	MAGNA - FLUX	7-19-07	TRW
605	CHECK HEADSPACE		7-19-07	TRW
610	DIS-ASSEMBLE GUN		7-20-07	RTL
612	MAGNAFLUX	OPERATOR	7/23/07	
510	DRILL AND TAP		7-20-07	TRW
615	ROLLMARK CALIBER		7-20-07	CW
618	ROTO-BLAST		7-24-07	LV
620	APPLY COATINGS		7/26/07	
625	FINAL ASSEMBLY		7-30-07	RTL
640	FUNCTION TEST AND	(PASS) FAIL	7-31-07	TRW
650	TARGET	(PASS) FAIL	7-31-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	7-31-07	FM
670	FINAL INSPECTION		8-1-07	RTL
	A) HEADSPACE	(PASS) FAIL	8-1-07	RTL
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.49 2.51 2.45 2.46 2.48	7/31/07	RP
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	4.80 4.75 4.80	7/31/07	RP
	G) SAFETY OFF FORCE (2 LBS MIN)	3.2 3.0 2.95	7/31/07	RP
	I) FIRING PIN INDENT (.020)	.024 .024 .024	7/31/07	RP
690	PACK		8-7-07	DA

N/A


Repair Inquiry
Repair Number: RE00094698
Verify Repair
Serial: C6523360 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/19/1991
Repairman:
Status: Closed 3/16/2005 2:24:52 PM
Address Information
Customer
Received From
Name: TMO 436 APS TRTD FB 4497
Address 1: 505 ATLANTIC ST
Address 2:
PO Box:
City: DOVER AFB
State: DE
Zip Code: 19902
Country: US
Return To:
Received From
TMO 436 APS TRTD FB 4497
505 ATLANTIC ST
PO Box:
DOVER AFB
State: DE
Zip Code: 19902
Country: US
FFL:
Contact / Condition
Problems
Estimate
History / Status
Shipping / Billing
Contact Information
Phone: N/A
Fax:
Email:
Comments:
Received Condition
Good
Condition Notes:
CSR Notes:
Accessories Received
Code
Desc
Qty
A007 With Stud 2
A010 Hard Case 1
A017 Scope Base 1
A042 Adjustable Butt Pad 1
A055 Deployment Kit 1
A057 Frt and Rear Sgt Base 1
Repair Search
Refresh
Close
nagleti
3/17/2005
8:34 AM
CAPS
NUM
INS
SCRL
start


Serial Number:
C6523360
Model: M24 SWS
RE00094698

AVERA**BARBER - M24 0026656**N

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 4-11-05

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.70	2.72		2.33	
PULL #2	2.77	2.63		2.38	
PULL #3	2.79	2.58		2.33	
PULL #4	2.88	2.54		2.25	
PULL #5	2.86	2.61		2.31	
TOTAL	14.00	13.08		11.50	
AVERAGE	2.80	2.61		2.30	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.27	3.15		
PULL #2	3.14	3.19		
PULL #3	3.22	3.16		
PULL #4	3.12	3.13		
PULL #5	3.23	3.13		
TOTAL	15.98	15.76		
AVERAGE	3.19	3.15		

	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	4.38	4.17		4.03
PULL #2	4.04	4.26		4.17
PULL #3	4.12	4.17		4.03
PULL #4	3.98	4.18		4.00
PULL #5	4.02	4.27		3.99
TOTAL	20.54	21.05		20.22
AVERAGE	4.10	4.21		4.04

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523360.__0
FILE DATE AND TIME: 04/12/2005 09:58

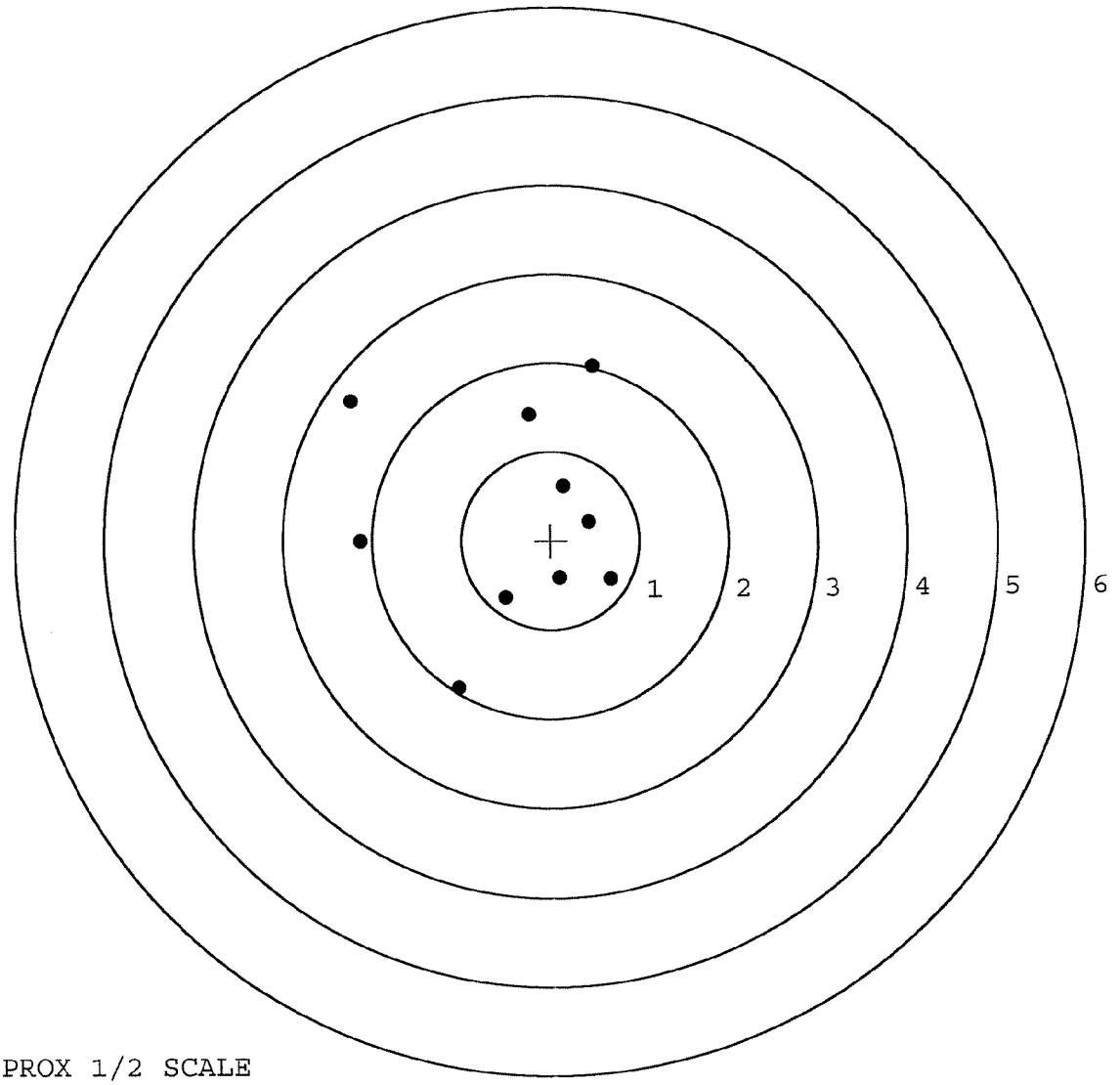
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.054
The Average Y Centroid of the Five Target Set:	0.031
The Average Point of Impact of the Five Target Set:	0.063
The Average Mean Radius of the Five Target Set:	0.986
The Distance from POA to Centroid Target #1:	0.506
The Distance from Centroid Target #2 to Centroid Target #1:	0.372
The Distance from Centroid Target #3 to Centroid Target #1:	0.204
The Distance from Centroid Target #4 to Centroid Target #1:	0.705
The Distance from Centroid Target #5 to Centroid Target #1:	1.002

SERIAL NUMBER: C6523360.__0
TARGET NUMBER: 1
FILE DATE: 04/12/2005
FILE TIME: 09:58

X CENTROID:	-0.431
Y CENTROID:	0.265
POA TO CENTROID:	0.506
HORZ SPREAD:	2.894
VERT SPREAD:	3.615
GROUP SPREAD:	3.531
MIN RADIUS:	0.674
MAX RADIUS:	2.225
MEAN RADIUS:	1.368
# IN 1 IN DIAMETER:	0
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	6

POINT#	X	Y
1:	0.673	-0.437
2:	0.098	-0.421
3:	0.432	0.207
4:	0.146	0.613
5:	-0.517	-0.642
6:	-1.040	-1.650
7:	-2.133	0.013
8:	-0.236	1.414
9:	0.488	1.965
10:	-2.221	1.586

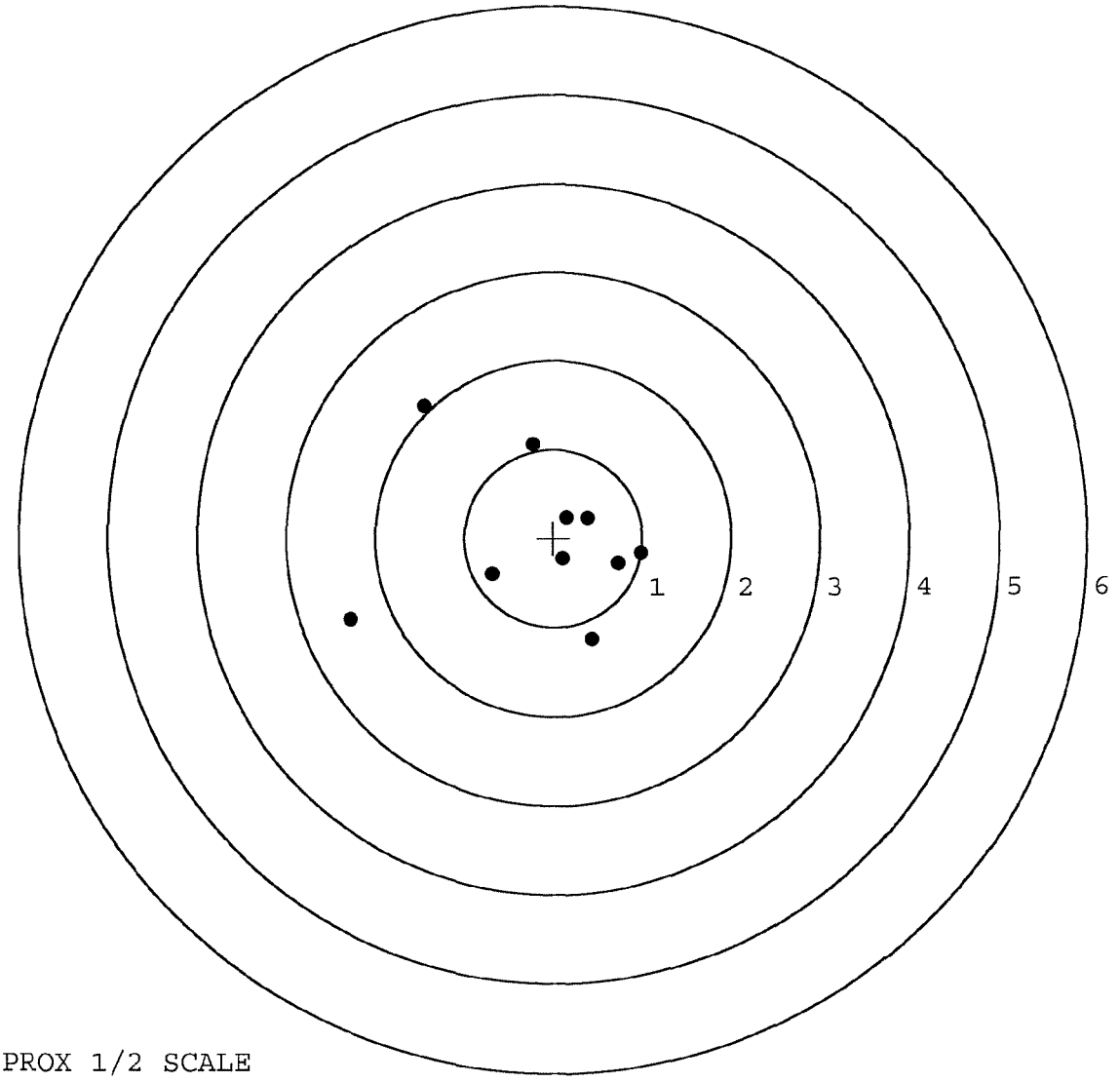


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523360.__0
TARGET NUMBER: 2
FILE DATE: 04/12/2005
FILE TIME: 09:58

X CENTROID:	-0.187
Y CENTROID:	-0.015
POA TO CENTROID:	0.187
HORZ SPREAD:	3.269
VERT SPREAD:	2.638
GROUP SPREAD:	3.353
MIN RADIUS:	0.365
MAX RADIUS:	2.282
MEAN RADIUS:	1.078
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	0.987	-0.172
2:	0.727	-0.284
3:	0.438	-1.146
4:	0.101	-0.240
5:	0.381	0.227
6:	0.145	0.238
7:	-0.687	-0.404
8:	-0.233	1.054
9:	-1.443	1.492
10:	-2.282	-0.920

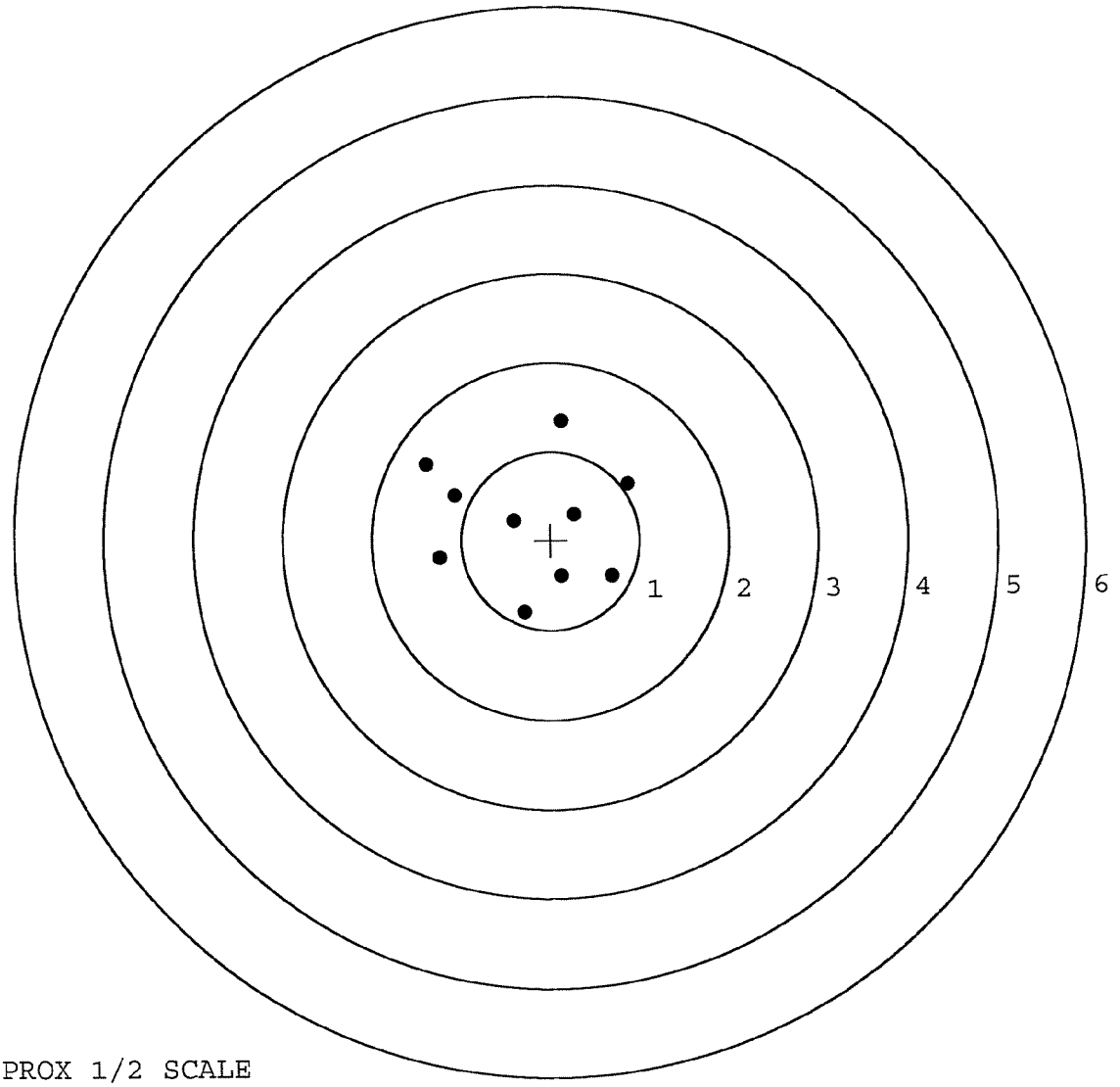


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523360.__0
TARGET NUMBER: 3
FILE DATE: 04/12/2005
FILE TIME: 09:58

X CENTROID:	-0.235
Y CENTROID:	0.209
POA TO CENTROID:	0.314
HORZ SPREAD:	2.257
VERT SPREAD:	2.154
GROUP SPREAD:	2.425
MIN RADIUS:	0.181
MAX RADIUS:	1.325
MEAN RADIUS:	0.919
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	4
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.116	-0.400
2:	0.873	0.635
3:	0.264	0.293
4:	-0.415	0.221
5:	-1.245	-0.191
6:	0.683	-0.400
7:	-0.301	-0.805
8:	-1.067	0.520
9:	0.131	1.349
10:	-1.384	0.868

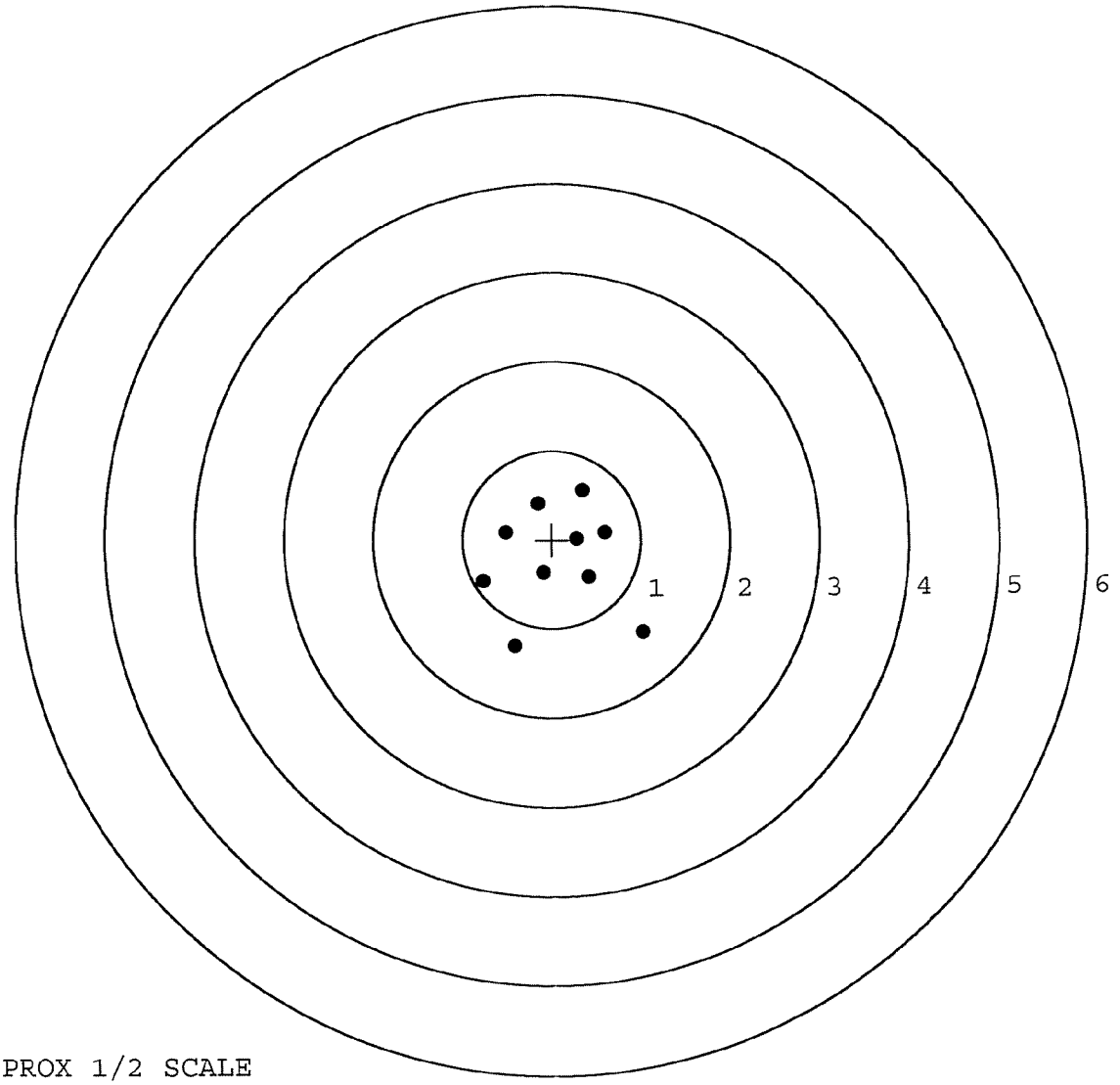


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523360.__0
TARGET NUMBER: 4
FILE DATE: 04/12/2005
FILE TIME: 09:58

X CENTROID:	0.066
Y CENTROID:	-0.235
POA TO CENTROID:	0.245
HORZ SPREAD:	1.799
VERT SPREAD:	1.752
GROUP SPREAD:	1.918
MIN RADIUS:	0.220
MAX RADIUS:	1.254
MEAN RADIUS:	0.696
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.594	0.084
2:	0.279	0.009
3:	0.408	-0.426
4:	-0.103	-0.377
5:	-0.779	-0.461
6:	-0.522	0.092
7:	-0.157	0.411
8:	0.351	0.557
9:	1.020	-1.049
10:	-0.433	-1.195

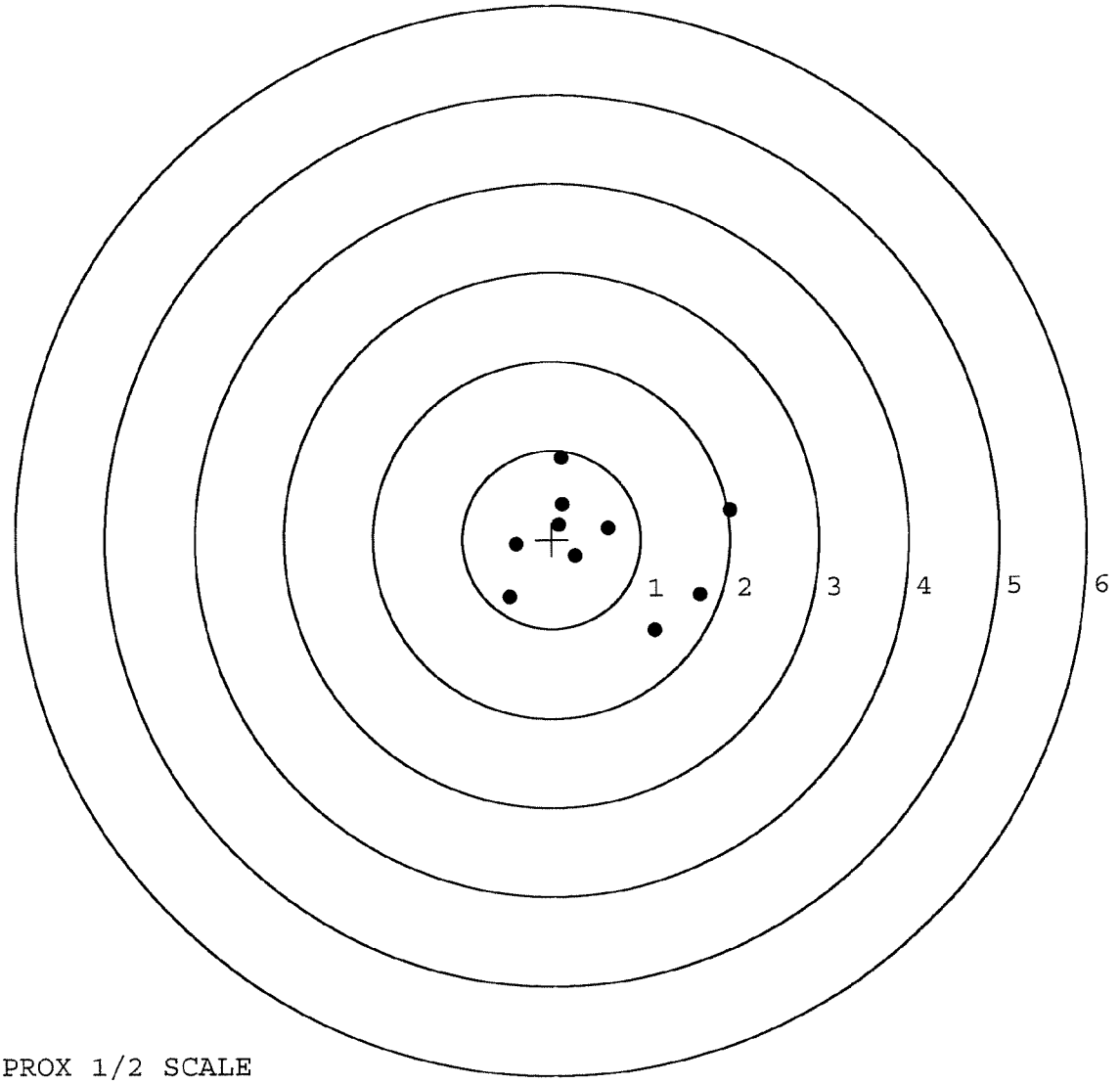


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523360.__0
TARGET NUMBER: 5
FILE DATE: 04/12/2005
FILE TIME: 09:58

X CENTROID:	0.515
Y CENTROID:	-0.066
POA TO CENTROID:	0.519
HORZ SPREAD:	2.486
VERT SPREAD:	1.948
GROUP SPREAD:	2.667
MIN RADIUS:	0.224
MAX RADIUS:	1.535
MEAN RADIUS:	0.870
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	5
# in 3 IN DIAMETER:	9

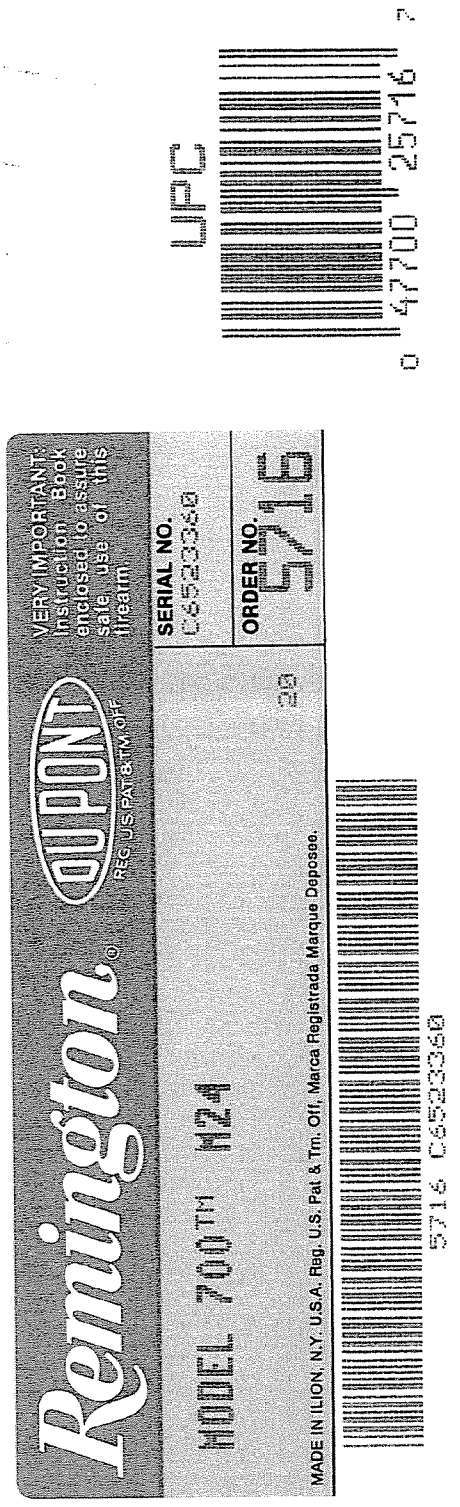
POINT#	X	Y
1:	1.663	-0.640
2:	1.147	-1.033
3:	2.001	0.318
4:	0.637	0.122
5:	0.262	-0.192
6:	0.084	0.161
7:	0.126	0.393
8:	0.119	0.915
9:	-0.402	-0.058
10:	-0.485	-0.648



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	94698		
SERIAL NUMBER	CC6523360		
LOG-IN DATE	3-16-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-21-05	RTL
560 A	RE-BARREL	3-22-05	RTL
B	DRILL AND TAP	3-22-05	TRW
575	ASSEMBLE	3-22-05	RTL
600	PROOF	3-22-05	TRW
605	CHECK HEADSPACE	3-22-05	TRW
610	DIS-ASSEMBLE GUN	3-22-05	RTL
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3/29	
620	APPLY COATINGS	4/5	
625 A	FINAL ASSEMBLY	4-11-05	RTL
B	TRIGGER PULL TEST	4-12-05	TRW
C	SAFETY "ON" FORCE	4-12-05	
D	SAFETY "OFF" FORCE	4-12-05	
E	FIRING PIN INDENT	4-12-05	
640	TARGET	4-12-05	TRW
655	FINAL INSPECT	4-12-05	
660	PACK	4-13-05	QA
		SHIP DATE	
	QAR INSPECTION DATE		


UPC
0 47700 25716 2
Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
SERIAL NO.
C6523360
ORDER NO.
MODEL 700TM M24
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
5716 C6523360

SC

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6523360

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	10 9	90	RW
600	Proof	10 9	90	RW
607	Check Headspace	10 9	90	RW
610	Dis-assemble Gun	10 9	90	RW
612	Magnaflux Barrel Action		10/17/90	KR
	Magnaflux Bolt		10/17/90	KR
615	Rollmark Caliber		10/17/90	LS
617	Drill and Tap Sight Holes		10/18/90	CB
618	Polish Barrel RCB		10/19/90	WB
620	Apply Coatings (Barrel Action)		11-5-90	TSH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		12/12/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		12/12/90	RW
	C) Inspect Ejector Hole for Chamfer		12/12/90	RW
	D) Oil Firing Pin Ass'y		12/12/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		1-10-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4.75	4.50	4.75			1/8/91	KJ
	G) Safety Off Force	2.75	2.75	2.75			1/8/91	KJ
	H) Trigger Pull Test & Retainability						1-10-91	JH
	I) Firing Pin Indent	.021	.021	.021			1/8/91	KS
	J) Assemble Stock						1/14/91	RW
	K) Assemble Swivel Studs						1-15-91	JH
	L) Attach Front and Rear Sight Assemblies						1/14/91	RW
	M) Iron Sight Alignment						1/14/91	RW
	N) Detach Front & Rear Sights & place in numbered container						1/14/91	RW
	O) Attach Scope to Rifle						1/14/91	RW
	P) Detach & Attach Scope 20 Times						1/14/91	RW
640	Gallery Target & Test						1-14-91	JF
	A) Time						"	JF
	B) Malfunctions						"	JF
	C) Pierced Primers						"	JF
	D) Optical Clearity of Scope						"	JF
645	Inspect for Live Ammo						1-14-91	JF
655	Final Inspection A) Headspace						1-15-91	JH
	B) Trigger Pull	2.50	2.46	2.49	2.36	2.39	1-15-91	JH
	C) Function						1-15-91	JH
660	Pack						3-19-91	JF

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523360
DATE 1-10-91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.20	2.31	2.42	2.50	MIN. SETTING,
PULL #2	2.46	2.41	2.36	2.46	NO AVG. OF 5
PULL #3	2.47	2.39	2.40	2.49	READINGS ACCEPT-
PULL #4	2.37	2.41	2.38	2.36	ABLE LESS THAN 2#
PULL #5	2.42	2.31	2.40	2.39	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.45	3.47		
PULL #2	3.41	3.45		
PULL #3	3.41	3.45		
PULL #4	3.47	3.50		
PULL #5	3.43	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.32		4.34
PULL #2	4.20	4.42		4.26
PULL #3	4.40	4.35		4.38
PULL #4	4.30	4.30		4.40
PULL #5	4.45	4.32		4.37
TOTAL				
AVG.				

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523360
15 Jan 1991

CENTROIDAL DISTANCES

0	TO	1	.0219545
1	TO	2	.214553
1	TO	3	.0142127
1	TO	4	.270276
1	TO	5	.221578

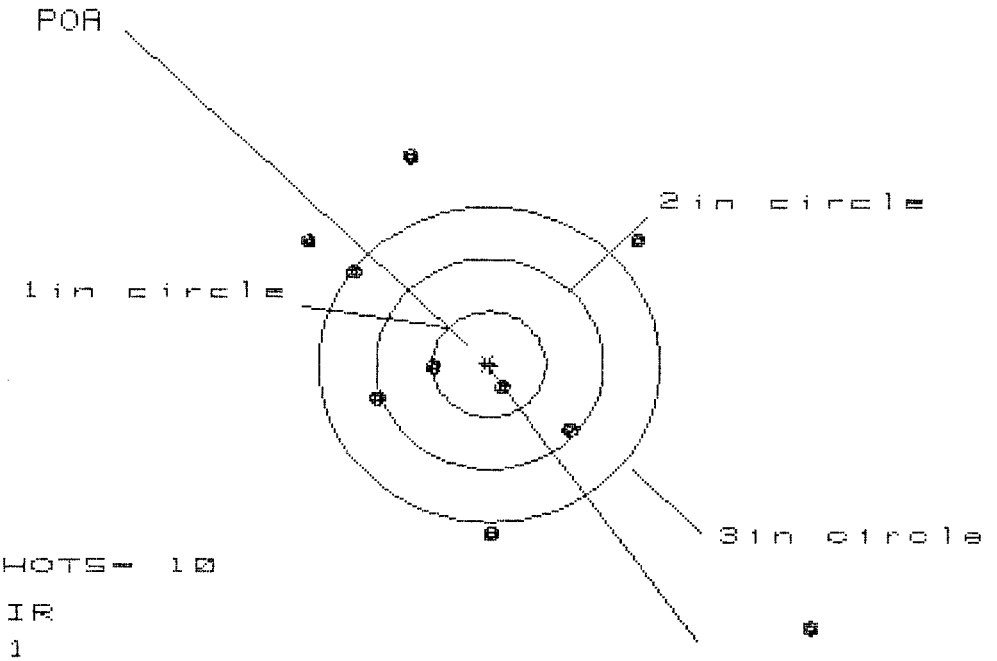
<----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.111
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0128
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .111736

THE AMR FOR THIS RIFLE IS: 1.265

15 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6523360

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

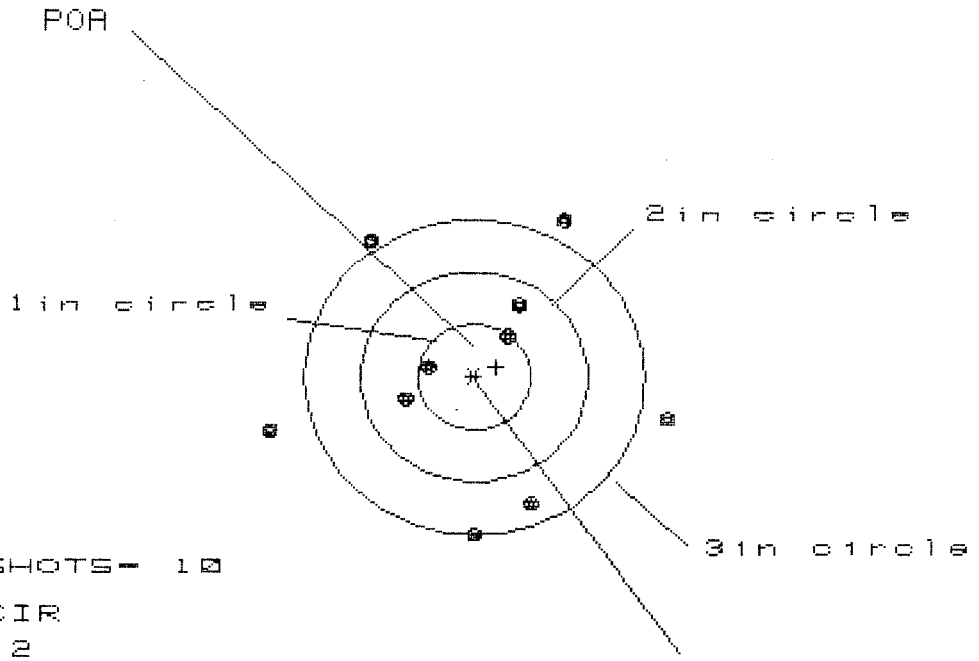
# IN CIR
1in = 1
2in = 4
3in = 5

HS= 4.436
VS= 4.489
GS= 5.754

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.834	1.600	1.559
MINIMUM X	:	-1.602	-1.287	-1.328
MAXIMUM Y	:	1.991	1.714	1.104
MINIMUM Y	:	-2.498	-1.856	-1.642
CENTROID X	:	-.011	-.326	-.285
CENTROID Y	:	.019	.296	.082
POA TO CENTROID in.	:	.022	.441	.296
MIN RADIUS	:	.229	.395	.272
MEAN RADIUS	:	1.530	1.257	1.151
MAX RADIUS	:	3.778	1.878	1.904
HORIZONTAL SPREAD	:	4.436	2.887	2.887
VERTICAL SPREAD	:	4.489	3.570	2.746
EXTREME SPREAD	:	5.754	3.623	3.164
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	

15 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6523360

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 2
2in = 4
3in = 5

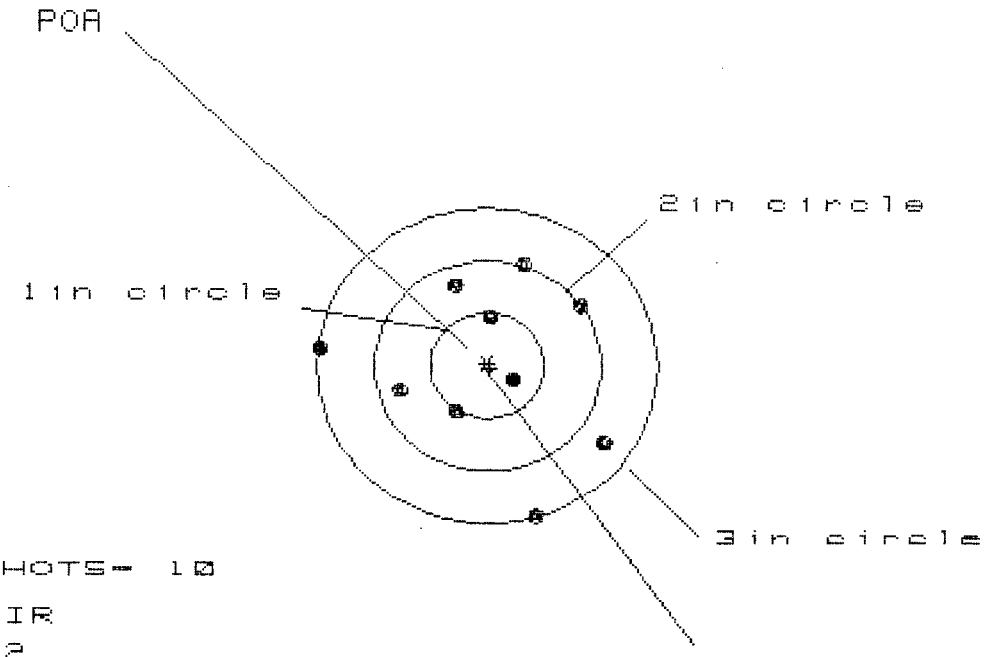
CENTROID #

HS= 3.482
VS= 3.098
GS= 3.485

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.720	1.525	.788
MINIMUM X	:	-1.762	-1.060	-.870
MAXIMUM Y	:	1.542	1.483	1.426
MINIMUM Y	:	-1.556	-1.615	-1.672
CENTROID X	:	-.194	.001	-.189
CENTROID Y	:	-.093	-.034	.023
POA TO CENTROID in.	:	.216	.034	.191
MIN RADIUS	:	.378	.301	.348
MEAN RADIUS	:	1.193	1.117	1.026
MAX RADIUS	:	1.842	1.630	1.673
HORIZONTAL SPREAD	:	3.482	2.585	1.658
VERTICAL SPREAD	:	3.098	3.098	3.098
EXTREME SPREAD	:	3.485	3.204	3.204
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		5	

15 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6523360

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

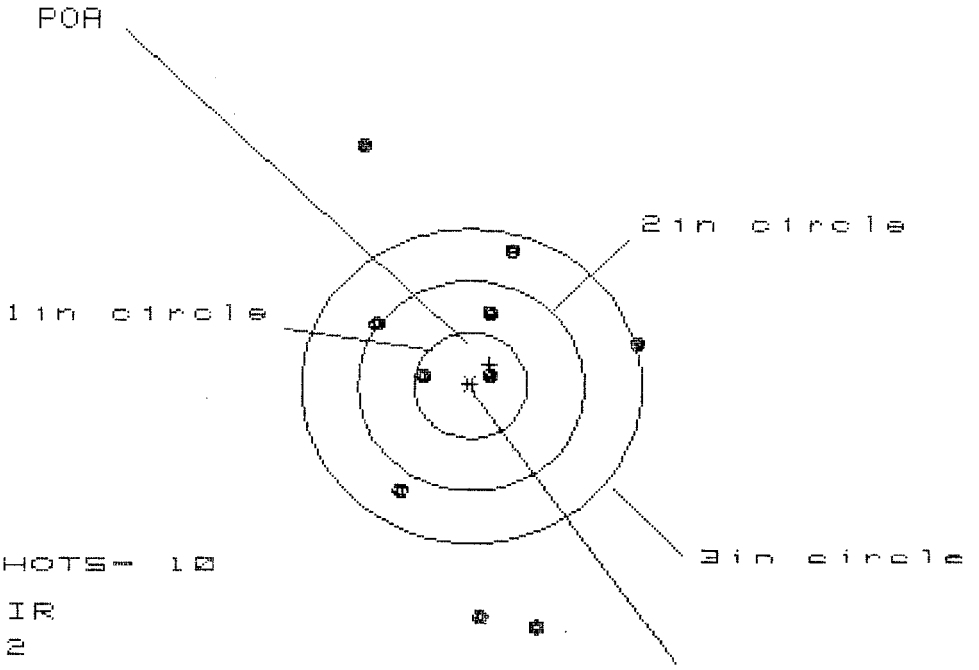
# IN CIR
1in = 2
2in = 6
3in = 9

HS= 2.462
VS= 2.483
GS= 2.651

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.012	1.055	.879
MINIMUM X	:	-1.450	-1.407	-.883
MAXIMUM Y	:	1.012	.849	.855
MINIMUM Y	:	-1.471	-.939	-.933
CENTROID X	:	-.022	-.065	.111
CENTROID Y	:	.028	.191	.185
POA TO CENTROID in.	:	.035	.202	.216
MIN RADIUS	:	.230	.283	.266
MEAN RADIUS	:	.913	.829	.746
MAX RADIUS	:	1.521	1.412	1.282
HORIZONTAL SPREAD	:	2.462	2.462	1.762
VERTICAL SPREAD	:	2.483	1.788	1.788
EXTREME SPREAD	:	2.651	2.651	2.020
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

15 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6523360

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

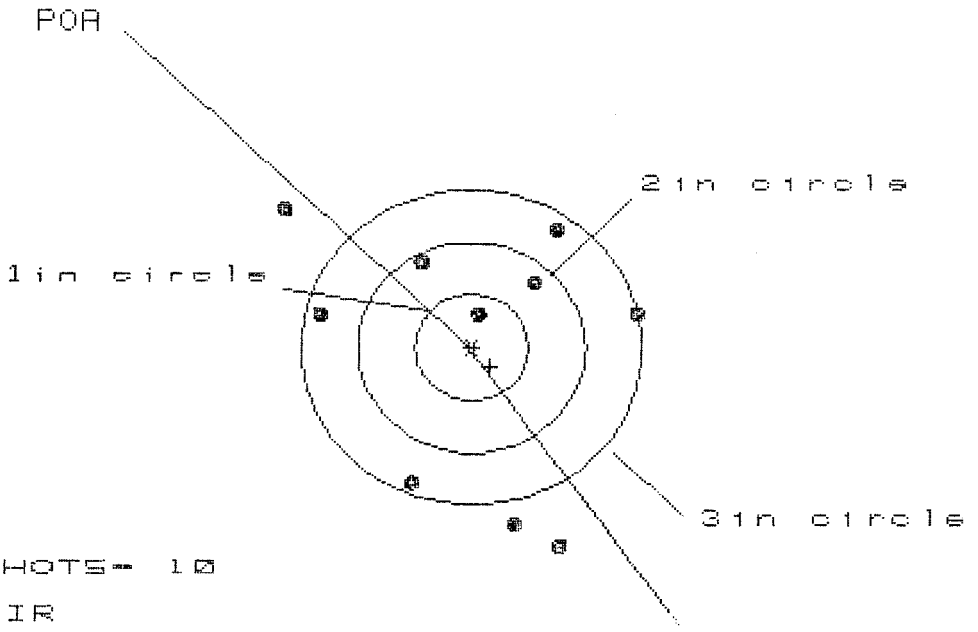
# IN CIR
1in = 2
2in = 3
3in = 6

HS= 2.443
VS= 4.570
GS= 4.826

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.473	1.366	1.425
MINIMUM X	:	-.970	-.955	-.896
MAXIMUM Y	:	2.304	1.546	1.295
MINIMUM Y	:	-2.266	-2.010	-2.154
CENTROID X	:	-.168	-.061	-.120
CENTROID Y	:	-.201	-.457	-.206
POA TO CENTROID in.	:	.262	.461	.239
MIN RADIUS	:	.165	.337	.128
MEAN RADIUS	:	1.343	1.259	1.075
MAX RADIUS	:	2.500	2.065	2.154
HORIZONTAL SPREAD	:	2.443	2.321	2.321
VERTICAL SPREAD	:	4.570	3.556	3.449
EXTREME SPREAD	:	4.826	3.560	3.463
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

15 Jan 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C6523360

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR	
1in	= 1
2in	= 3
3in	= 7

HS= 3.015
VS= 3.216
GS= 3.980

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.410	1.232	1.302
MINIMUM X	:	-1.605	-1.476	-1.406
MAXIMUM Y	:	1.307	1.272	1.052
MINIMUM Y	:	-1.909	-1.764	-1.719
CENTROID X	:	-.160	.018	-.052
CENTROID Y	:	.183	.038	.258
POA TO CENTROID in.	:	.243	.042	.263
MIN RADIUS	:	.338	.494	.263
MEAN RADIUS	:	1.344	1.274	1.141
MAX RADIUS	:	2.070	1.851	1.744
HORIZONTAL SPREAD	:	3.015	2.708	2.708
VERTICAL SPREAD	:	3.216	3.036	2.771
EXTREME SPREAD	:	3.980	3.042	2.798
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		7	

21 DAY TURN - AROUND

M-24
CONTRACT # DAAA09-92-C-0834

R&E NO. SERIAL NO. C C052 3860

LOG IN DATE: / /				DATE	INIT.		
INSPECT & VERIFY:							
OP. #		OP. NAME					
550		DIS-ASSEMBLE GUN					
560	A	RE-BARREL AT CUSTOM SHOP					
	B	DRILL & TAP					
	C	POLISH					
575		ASSEMBLE					
600		PROOF		10/6/96	A		
605		CHECK HEADSPACE		10/6/96	A		
610		DIS-ASSEMBLE					
612		MAGNAFLUX					
615		ROLLMARK CALIBER					
618		ROTO-BLAST					
620		APPLY COATINGS					
625	A	FINAL ASSEMBLY					
	B	TRIGGER PULL TEST	2.87 2.91	2.87	2.88	2.86	
	C	SAFETY ON FORCE	5	5	4		
	D	SAFETY OFF FORCE	3	3	3		
	E	FIRING PIN INDENT	.0235	.0245	.025		
640		TARGET		3/20/97			
655		FINAL INSPECT		6/18/97			
660		PACK					
		QAR INSPECTION		SHIP DATE			

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/LEUPOLD 10X SCOPE S/N 900543

ORDER: R 96-21868

INITIAL	CUSTOMER ORDER NO.
JJM	

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
10/03/96	10/03/96	EK 10-90	C6523360		700 7.62 NATO

ACCESSORIES: W/STUDS W/SWIVELS SCOPE BASE

FROM:

TRANSPORTATION OFFICER
ANNISTON ARMY DEPOT
ANNISTON AL 36201

SHIP TO:

TRANSPORTATION OFFICER
ANNISTON ARMY DEPOT
ANNISTON AL
36201

CUST NO:150939 C.O.D

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

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

Barrel — 96003
Stock — 96018
Trigger ASSY — 96024
Firing pin ASSY — 96007

COMMENTS

Scope Sent Back TO Factory for Inspec.

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
RW	C	✓	A	A	

GALLERY TESTER	DATE	DATE	DATE	DATE	DATE
	10/6/96	3/17/97	3/20/97	3/20/97	

OFFICE COPY

RD6925 REV. 6/96

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523360
DATE 1-28-97
TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.46		2.85	MIN. SETTING,
PULL #2	2.57	2.46		2.86	NO AVG. OF 5
PULL #3	2.50	2.37		2.78	READINGS ACCEPT-
PULL #4	2.56	2.37		2.81	ABLE LESS THAN 2#
PULL #5	2.49	2.51		2.87	
TOTAL	12.63	12.17		14.17	
AVG.	2.53	2.43		2.83	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.40		
PULL #2	3.38	3.35		
PULL #3	3.41	3.41		
PULL #4	3.39	3.44		
PULL #5	3.38	3.41		
TOTAL	16.89	17.01		
AVG.	3.38	3.40		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.03	4.42		4.11
PULL #2	4.43	4.41		4.06
PULL #3	4.46	4.55		4.13
PULL #4	4.32	4.46		4.03
PULL #5	4.40	4.49		4.16
TOTAL	21.64	22.33		20.49
AVG.	4.33	4.47		4.10

Remington Test Lab, Ilion, N.Y.

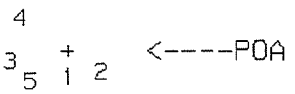
Centroidal distance calculations for Rifle # C6523360
21 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1532
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0758
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .170927

THE AMR FOR THIS RIFLE IS: 1.048

CENTROIDAL DISTANCES

0	TO	1	.175
1	TO	2	.227982
1	TO	3	.412554
1	TO	4	.520601
1	TO	5	.26248

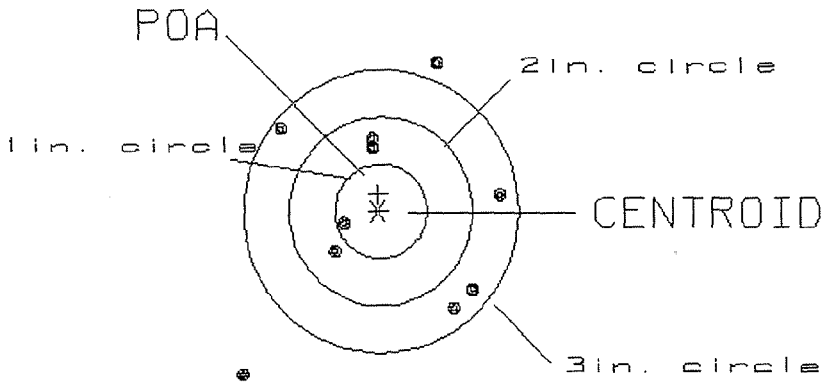


REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 1 □	
POA TO CENTROID:	.175
MIN RADIUS :	.375
MEAN RADIUS :	1.171
MAX RADIUS :	2.305
CENTROID X :	0.000
CENTROID Y :	-.175

21 Mar 1997 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523360

CENTERFIRE PATTERN # 1



# OF SHOTS= 10	# IN CIRCLE
HS= 2.85	1
VS= 3.33	4
GS= 3.98	8

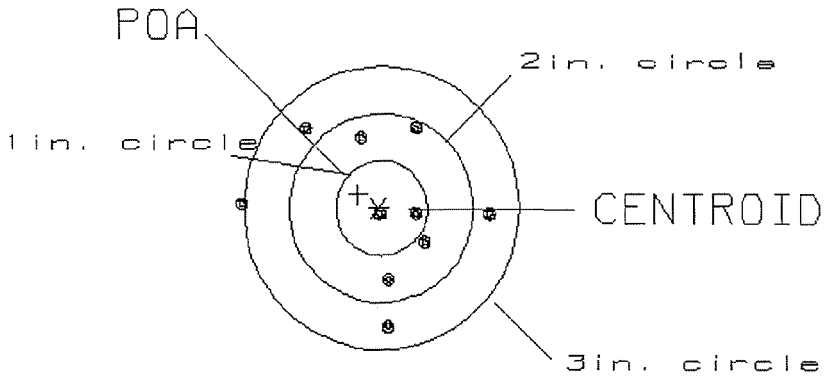
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 2 □

POA TO CENTROID:		.269
MIN RADIUS	:	.098
MEAN RADIUS	:	.851
MAX RADIUS	:	1.514
CENTROID X	:	.226
CENTROID Y	:	-.145

21 Mar 1997 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523360

CENTERFIRE PATTERN # 2



# OF SHOTS= 10	# IN CIRCLE
HS= 2.66	2
VS= 2.07	6
GS= 2.67	9

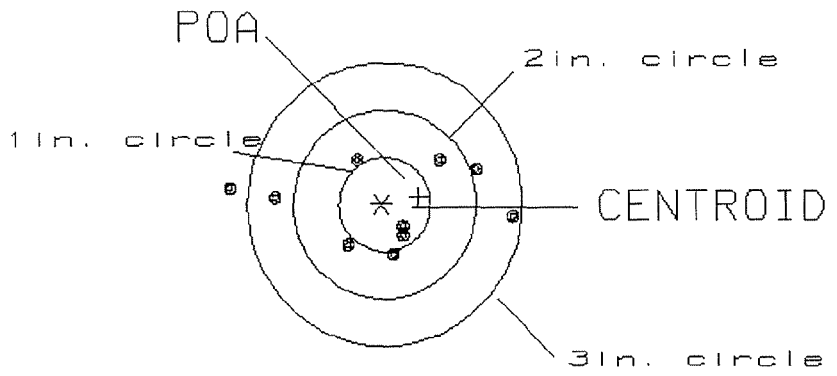
REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 3 □

POA TO CENTROID:		.407
MIN RADIUS	:	.332
MEAN RADIUS	:	.855
MAX RADIUS	:	1.659
CENTROID X	:	-.400
CENTROID Y	:	-.074

21 Mar 1997 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523360

CENTERFIRE PATTERN # 3



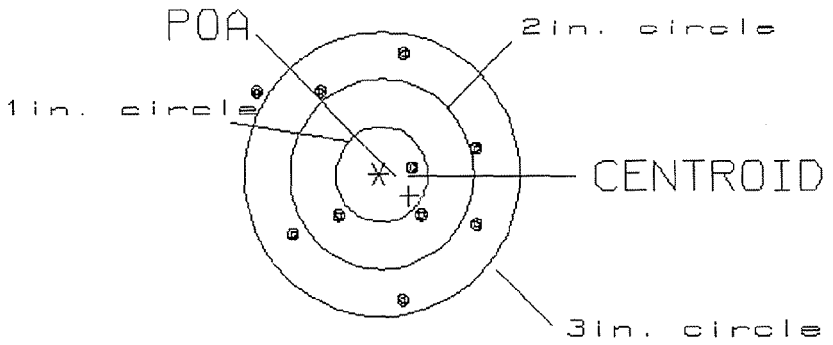
# OF SHOTS= 10	# IN CIRCLE
HS= 3.05	2
VS= 1.04	6
GS= 3.07	9

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #:	4
POA TO CENTROID:	.402
MIN RADIUS :	.314
MEAN RADIUS :	1.038
MAX RADIUS :	1.612
CENTROID X :	-.332
CENTROID Y :	.226

21 Mar 1997 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523360

CENTERFIRE PATTERN # 4



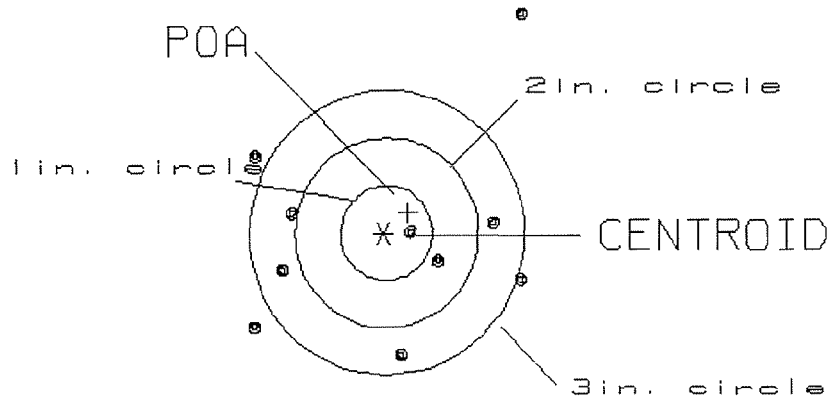
# OF SHOTS= 10	# IN CIRCLE
HS= 2.41	1
VS= 2.59	3
GS= 2.82	9

REMINGTON CENTERFIRE ACCURACY TEST REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: □ 5 □	
POA TO CENTROID:	.335
MIN RADIUS :	.248
MEAN RADIUS :	1.325
MAX RADIUS :	2.695
CENTROID X :	-.260
CENTROID Y :	-.211

21 Mar 1997 FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6523360

CENTERFIRE PATTERN # 5



# OF SHOTS= 10	# IN CIRCLE
HS= 2.91	1
VS= 3.59	2
GS= 4.37	6

SWS/Repair

Final Inspection

S/N: C6573360 | DATE REC'D: 10/3/96 | DATE RET'D:

AUDITOR: RW

Item:

Barrel Assy.
- ✓ Barrel
- ✓ Receiver
- ✓ Front Sight Block
- ✓ Rear Sight Block
- ✓ Screws
- ✓ Finish

Scope Assy.
- ✓ Scope
- ✓ Scope Rings
- ✓ Mounting Screws
- ✓ Mounting Base
- ✓ Screws
- ✓ Finish
- ✓ Looseness
- ✓ Clarity

Misc.
- ___ DD-250
- ___ Bar Code
- ___ Packaging

Item:

Stock Assy.
- ✓ Stock
- ✓ Sling Swivel Studs
- ✓ Adjustable Butt Plate
- ✓ Lock Nuts
- ✓ Barrel Clearance
- ✓ Color/Finish

Systems Case
- ✓ Scope Case
- ✓ Iron Sights
- ✓ Deployment Kit

Trigger
- ✓ Safety Operation
- ✓ Set
- ___

Comments: _____