

1835 6994
G669 5381

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: RE00146590

Serial: E6703481 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 6/18/2008 8:48:21 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: CW3 A. J. AIYETORO

CW3 A. J. AIYETORO

Address 1: ARMY SYS MNT WD

ARMY SYS MNT WD

Address 2: 25TH BSB (1/25 SBCT)

PO Box:

25TH BSB (1/25 SBCT)

PO Box:

City: FT. WAINWRIGHT

FT. WAINWRIGHT

State: AK

Zip Code: 99703

Country: US

State: AK

Zip Code: 99703

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A055	Deployment Kit	1
A057	Fit and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

naglej

6/18/2008

1:17 PM

CAPS

NUM

INS

SCAL

start

2 Int...

4 Mic...

Part S...

Arms S...

5 Mic...

Display...

1:17 PM

Number: ~~E6703481~~

Model: M24 SWS



RE00146590

Replaced
by

G 6695381

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	146590		
SERIAL NUMBER	66695381		
LOG-IN DATE	6-18-08		

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-25-08	BSW
505	RE-BARREL		
420	ASSEMBLE	6-25-08	BSW
440	PROOF	6-25-08	SD
460	CHECK HEADSPACE	6-25-08	SD
470	DIS-ASSEMBLE GUN	6-25-08	RP
480	MAGNAFLUX	7-10-08	BM
510	DRILL AND TAP	7-7-08	TRW
500	ROLLMARK CALIBER	7-9-08	RT
520	GOFF BLAST BBL / REC	7-11-08	DG
530 & 540	APPLY COATINGS	2-15	CM
560	FINAL ASSEMBLY	7-8-08	RTZ
640	FUNCTION TEST AND	7-19-08	TRW
650	TARGET	7-19-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-21-08	RTZ
	A) HEADSPACE	7-21-08	RTZ
	B) TRIGGER PULL	225 221 226 228 218 7-21-08	RTZ
680	F) SAFETY ON FORCE	8 8 8 7-21-08	RTZ
	G) SAFETY OFF FORCE	350 350 350 7-21-08	RTZ
	I) FIRING PIN INDENT	.021 .021 .021 7-21-08	RTZ
690	PACK	7-22-08	FM

F006 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6695381.___0
FILE DATE AND TIME: 07/19/2008 10:09

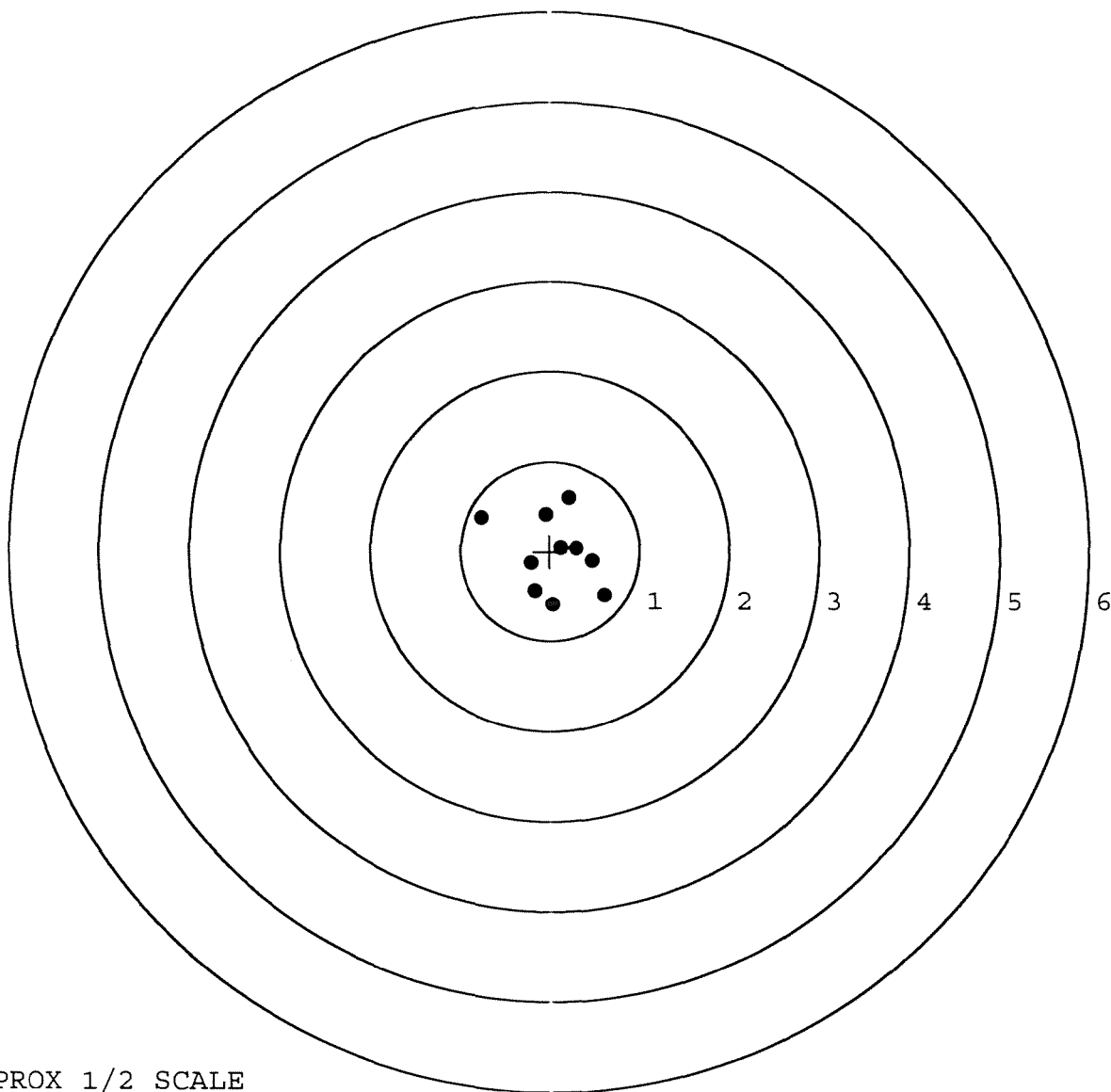
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.030
The Average Y Centroid of the Five Target Set:	-0.081
The Average Point of Impact of the Five Target Set:	0.087
The Average Mean Radius of the Five Target Set:	0.574
The Distance from POA to Centroid Target #1:	0.063
The Distance from Centroid Target #2 to Centroid Target #1:	0.191
The Distance from Centroid Target #3 to Centroid Target #1:	0.053
The Distance from Centroid Target #4 to Centroid Target #1:	0.131
The Distance from Centroid Target #5 to Centroid Target #1:	0.091

SERIAL NUMBER: C6695381. __0
TARGET NUMBER: 1
FILE DATE: 07/19/2008
FILE TIME: 10:09

X CENTROID: 0.055
Y CENTROID: -0.030
POA TO CENTROID: 0.063
HORZ SPREAD: 1.373
VERT SPREAD: 1.191
GROUP SPREAD: 1.624
MIN RADIUS: 0.101
MAX RADIUS: 0.914
MEAN RADIUS: 0.483
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.609	-0.491
2:	0.475	-0.102
3:	0.297	0.037
4:	0.126	0.042
5:	0.212	0.596
6:	-0.053	0.410
7:	0.028	-0.595
8:	-0.171	-0.440
9:	-0.208	-0.133
10:	-0.764	0.376

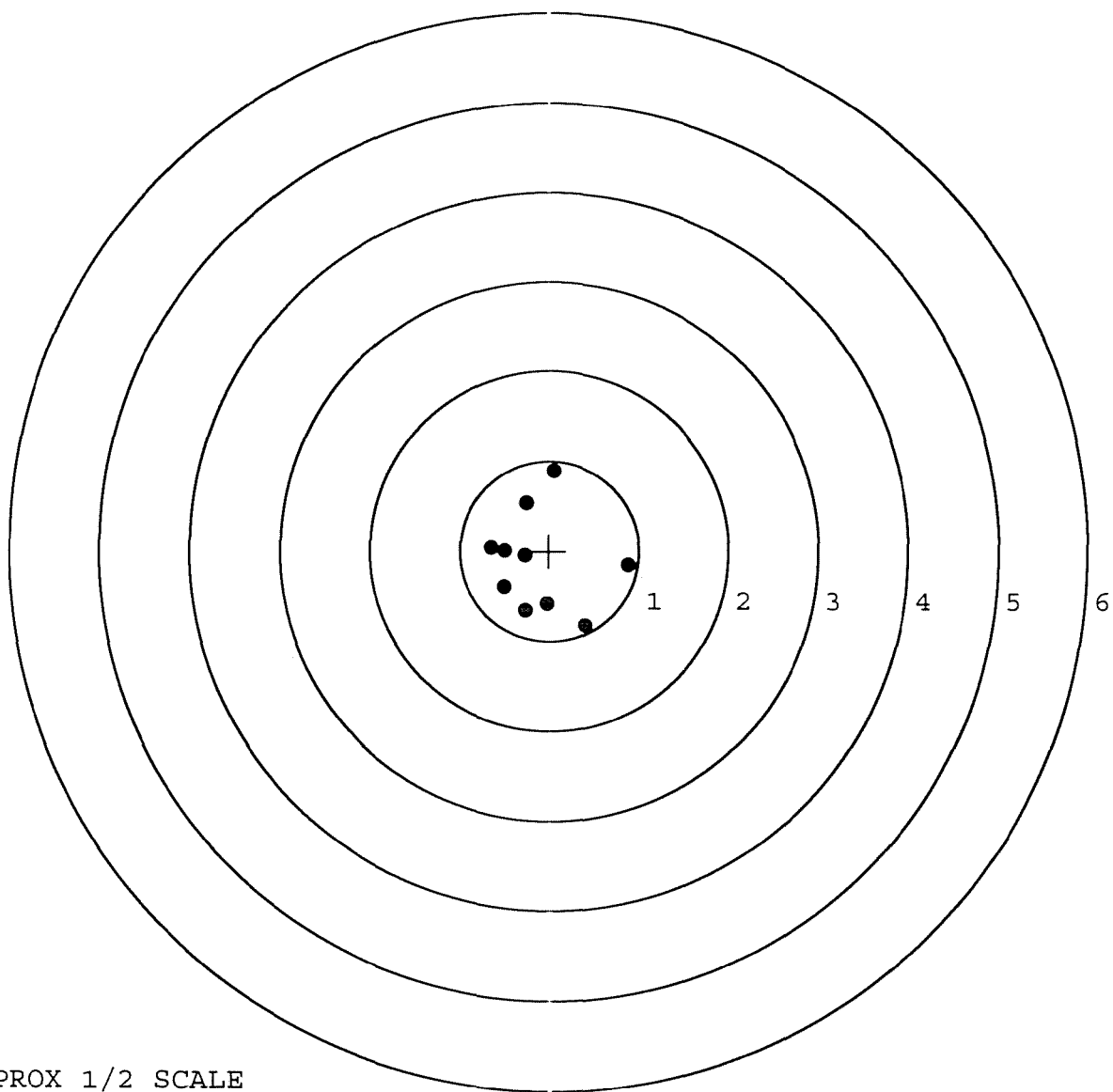


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6695381. 0
TARGET NUMBER: 2
FILE DATE: 07/19/2008
FILE TIME: 10:09

X CENTROID: -0.113
Y CENTROID: -0.122
POA TO CENTROID: 0.166
HORZ SPREAD: 1.530
VERT SPREAD: 1.720
GROUP SPREAD: 1.755
MIN RADIUS: 0.174
MAX RADIUS: 1.027
MEAN RADIUS: 0.623
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.885	-0.159
2:	0.406	-0.829
3:	-0.028	-0.590
4:	-0.273	-0.662
5:	-0.502	-0.398
6:	-0.272	-0.053
7:	-0.497	0.007
8:	-0.645	0.040
9:	-0.257	0.534
10:	0.057	0.891



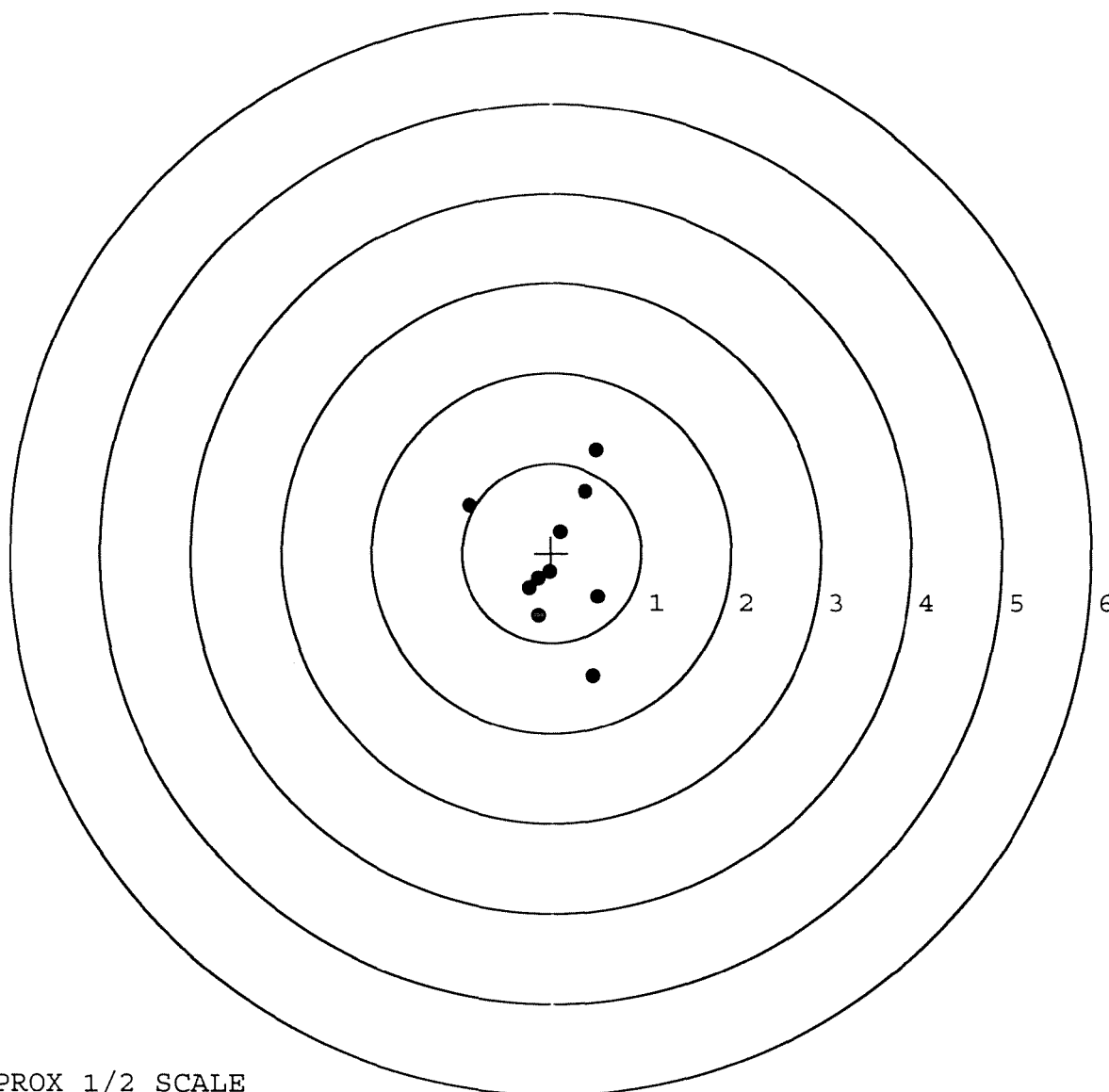
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6695381. __0
TARGET NUMBER: 3
FILE DATE: 07/19/2008
FILE TIME: 10:09

X CENTROID: 0.047
Y CENTROID: -0.082
POA TO CENTROID: 0.095
HORZ SPREAD: 1.429
VERT SPREAD: 2.513
GROUP SPREAD: 2.513
MIN RADIUS: 0.144
MAX RADIUS: 1.344
MEAN RADIUS: 0.709

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.463	-1.360
2:	0.514	-0.485
3:	-0.149	-0.704
4:	-0.021	-0.209
5:	-0.252	-0.390
6:	0.098	0.238
7:	0.379	0.687
8:	0.503	1.153
9:	-0.915	0.533
10:	-0.148	-0.284



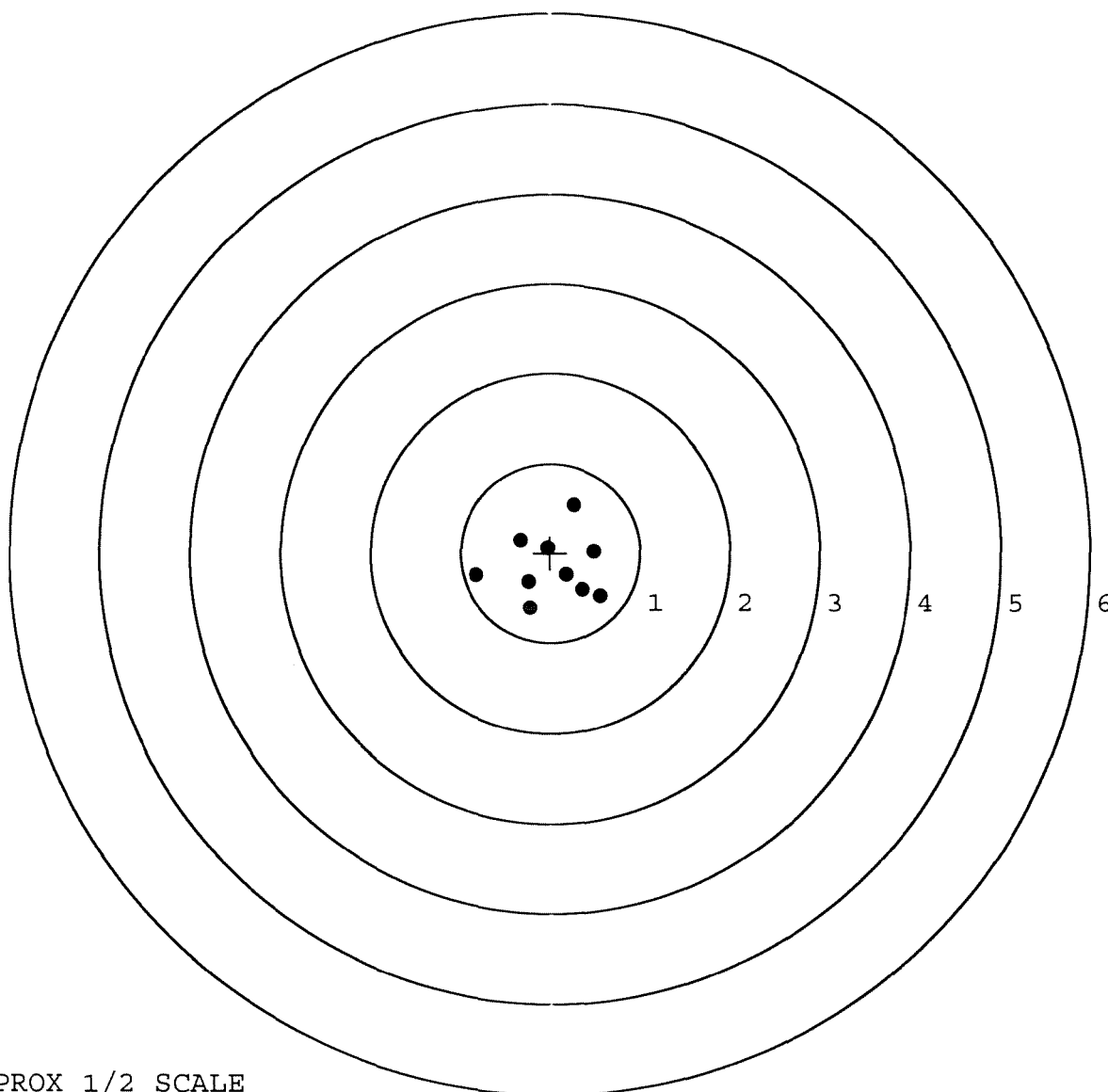
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6695381. __0
TARGET NUMBER: 4
FILE DATE: 07/19/2008
FILE TIME: 10:09

X CENTROID: 0.017
Y CENTROID: -0.156
POA TO CENTROID: 0.157
HORZ SPREAD: 1.386
VERT SPREAD: 1.155
GROUP SPREAD: 1.405
MIN RADIUS: 0.184
MAX RADIUS: 0.850
MEAN RADIUS: 0.484

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.558	-0.478
2:	0.358	-0.407
3:	0.179	-0.242
4:	0.489	0.023
5:	0.260	0.538
6:	-0.227	-0.617
7:	-0.246	-0.321
8:	-0.033	0.057
9:	-0.340	0.140
10:	-0.828	-0.250

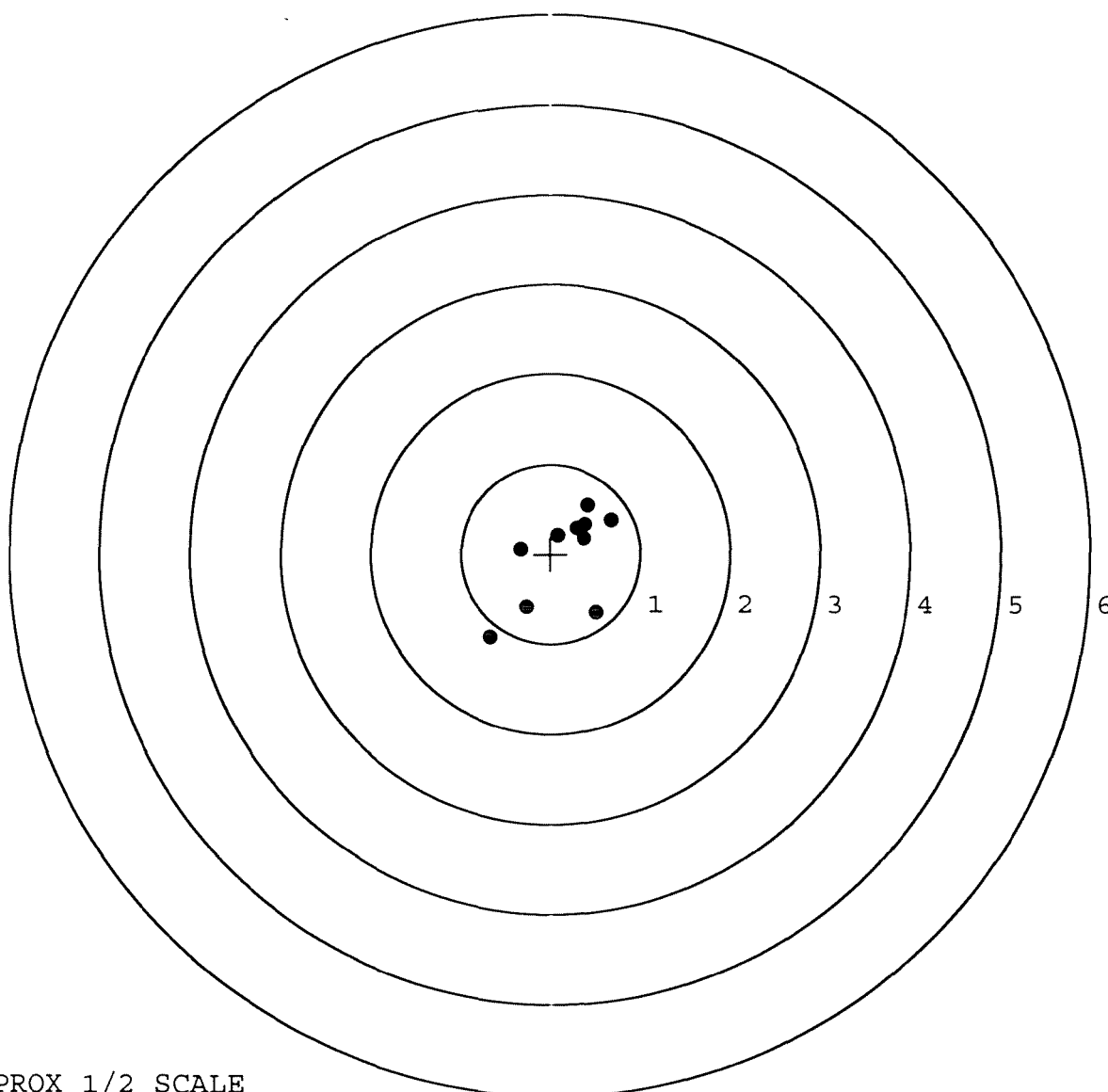


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6695381. __0
TARGET NUMBER: 5
FILE DATE: 07/19/2008
FILE TIME: 10:09

X CENTROID: 0.145
Y CENTROID: -0.016
POA TO CENTROID: 0.146
HORZ SPREAD: 1.354
VERT SPREAD: 1.483
GROUP SPREAD: 1.886
MIN RADIUS: 0.235
MAX RADIUS: 1.227
MEAN RADIUS: 0.574
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.507	-0.648
2:	-0.269	-0.590
3:	-0.674	-0.930
4:	-0.336	0.057
5:	0.680	0.383
6:	0.416	0.553
7:	0.381	0.333
8:	0.367	0.179
9:	0.086	0.211
10:	0.293	0.292



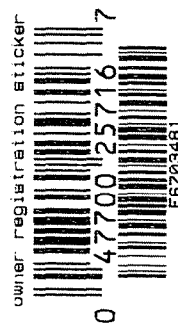
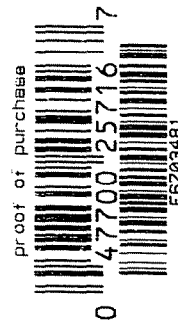
TARGET APPROX 1/2 SCALE

MODEL 700™ M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

DOCUMENT ENVELOPE ASSEMBLY:

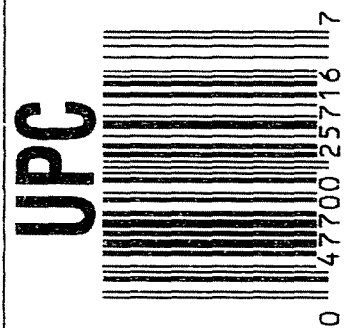
- INSTRUCTION BOOK
- PRODUCT OWNER'S CARD
- SAFETY BOOKLET

46 FORM 1444



ORDER NO.	25716
BARREL LENGTH	24"
CAPACITY	6

E6703481



Remington®

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

MODEL 700TM M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

SERIAL NO. **J**
E6703481

46

ORDER NO.
25716

Made in Ilion, NY Reg. U.S. Pat & tm. Off. Marca Registrada Marque Deposee.



5716 E6703481

29EV

ORDER 25716

MODEL 700TH M24

UPC



ORDER 25716

MODEL 700TH M24

UPC



SERIAL NO.



M2400180178

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. E6703481

DATE 5-2-01

TESTER WA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.37	2.35		2.32	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.20		2.13	
PULL #3	2.22	2.39		2.42	
PULL #4	2.35	2.27		2.35	
PULL #5	2.34	2.21		2.39	
TOTAL	1160	1142		1161	
AVG.	2.32	2.28		2.32	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.17	3.12		
PULL #2	3.00	3.29		
PULL #3	3.08	3.28		
PULL #4	3.10	3.30		
PULL #5	3.07	3.27		
TOTAL	1542	1626		
AVG.	3.08	3.25		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.26	4.26		4.19
PULL #2	4.25	4.32		4.15
PULL #3	4.05	4.26		4.04
PULL #4	4.37	4.23		4.14
PULL #5	4.31	4.30		4.00
TOTAL	2124	2137		2052
AVG.	4.24	4.27		4.10

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6703481
11 May 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1046
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.017
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .105972
THE AMR FOR THIS RIFLE IS: 1.008

CENTROIDAL DISTANCES

0 TO	1	.761202
1 TO	2	.947492
1 TO	3	.800705
1 TO	4	1.13061
1 TO	5	1.18752

1

3
2

4
5

<----POA

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .761

MIN RADIUS : .688

MEAN RADIUS : 1.702

MAX RADIUS : 3.214

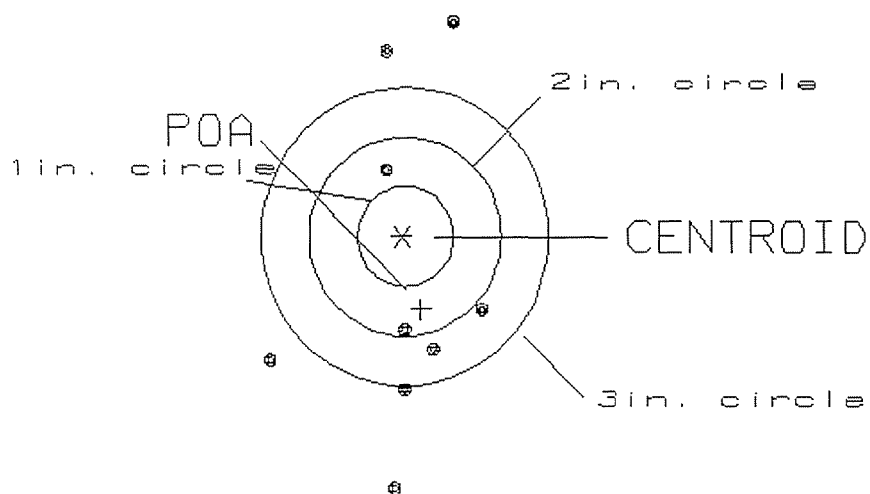
CENTROID X : -.198

CENTROID Y : .735

11 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703401

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.22

0

VS= 5.69

2

GS= 5.70

5

REMINGTON CENTERFIRE ACCURACY TEST

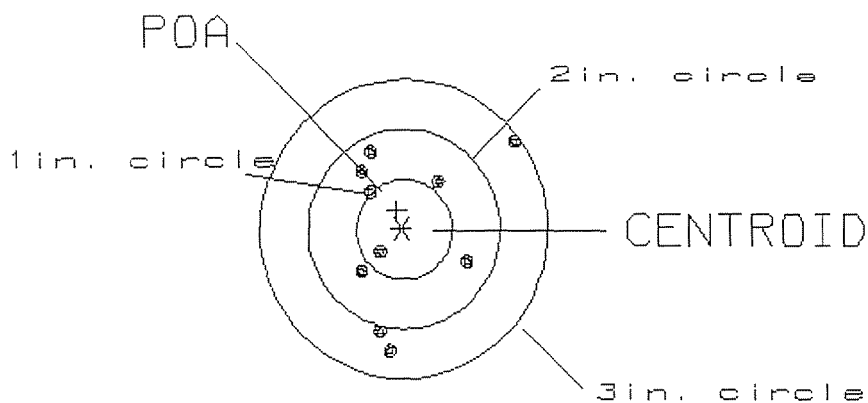
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .186
 MIN RADIUS : .339
 MEAN RADIUS : .820
 MAX RADIUS : 1.439
 CENTROID X : .048
 CENTROID Y : -.180

11 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703481

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.61
 VS= 2.06
 GS= 2.43

1
 7
 10

PATTERN #: ☐ 3 ☐

POA TO CENTROID: .064

MIN RADIUS : .215

MEAN RADIUS : .774

MAX RADIUS : 1.645

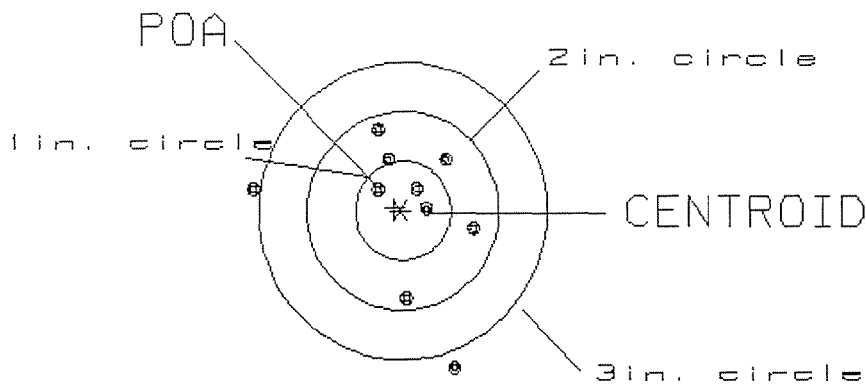
CENTROID X : .060

CENTROID Y : -.023

11 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703481

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.33

3

VS= 2.33

8

GS= 2.77

8

REMINGTON CENTERFIRE ACCURACY TEST

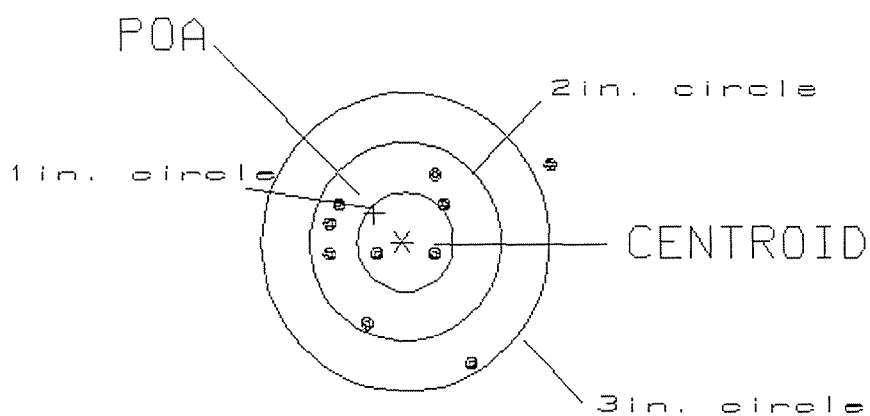
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 4
 POA TO CENTROID: .410
 MIN RADIUS : .342
 MEAN RADIUS : .848
 MAX RADIUS : 1.711
 CENTROID X : .298
 CENTROID Y : -.281

11 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703481

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.35

2

VS= 1.99

6

GS= 2.55

9

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .461

MIN RADIUS : .080

MEAN RADIUS : .895

MAX RADIUS : 1.875

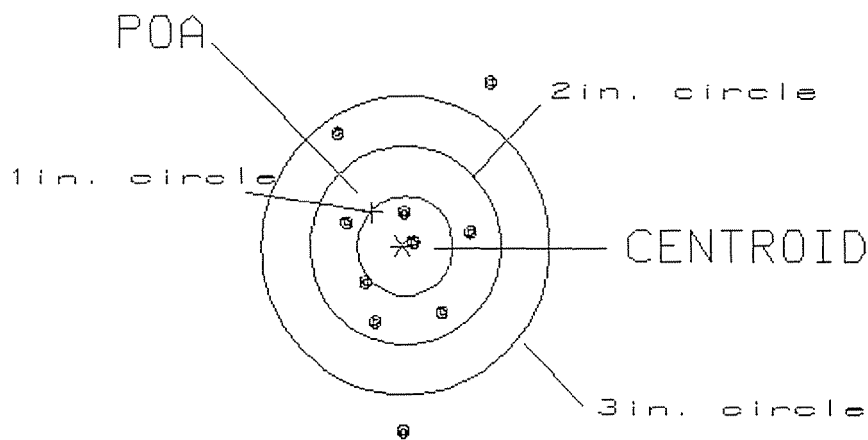
CENTROID X : .315

CENTROID Y : -.336

11 May 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6703481

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.53

2

VS= 3.49

7

GS= 3.59

8

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>5.5</u> <u>6.0</u> <u>6.0</u>	8-27-01	DA
CONT.				
	G) SAFETY OFF FORCE	<u>2.5</u> <u>2.0</u> <u>2.5</u>	8-27-01	DA
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT	<u>-0.23</u> <u>.021</u> <u>-0.21</u>	8-27-01	DA
	J) ASSEMBLE STOCK		5-4-01	CR
	K) ASSEMBLE SWIVEL STUDS		10-26-01	PH
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		10-26-01	PH
	M) IRON SIGHT ALIGNMENT		10-26-01	PH
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		10-26-01	PH
640	GALLERY TEST AND TARGET		5/9/01	RW
	A) MALFUNCTIONS		5/9/01	RW
	B) PIERCED PRIMERS		5/9/01	RW
645	INSPECT FOR LIVE AMMO		5/9/01	RW
655	FINAL INSPECTION A) HEADSPACE		10-26-01	PH
	B) TRIGGER PULL	<u>2.23</u> <u>2.00</u> <u>2.28</u> <u>2.33</u> <u>2.33</u>	8-27-01	DA
	C) FUNCTION		10-26-01	PH
660	PACK		10-26-01	DA

GUN SERIAL # E670 3481

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		5-3-01	CK
600	PROOF		11	CK
607	CHECK HEADSPACE		11	CK
610	DIS-ASSEMBLE GUN		11	CK
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT		5-10-1	AC
615	ROLLMARK CALIBER		5-10-1	RL
617	DRILL AND TAP SIGHT HOLES		5-12-01	BT
618	POLISH BARREL		5-12-01	GD
620	APPLY COATINGS (BARREL ACTION)		5-18-01	TA
	(BOLT)			
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		5-21-01	RL
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		5-21-01	RL
	C) INSPECT EJECTOR HOLE FOR CHAMFER		5-21-01	RL
	D) OIL FIRING PIN ASSEMBLY		5-21-01	RL
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		5/21-01	RL