

G 659 02020
Raphae
E 670 3502

Remington [®]		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.	
MODEL 700[™] M24 BOLT ACTION CENTERFIRE RIFLE 24" BARREL 7.62 NATO		SERIAL NO. J E6703502	
46		ORDER NO. 25716	
Made in Ilion, NY Reg. U.S. Pat & tm. Off. Marca Registrada Marque Deposee.		24EV	
			
5716 E6703502			

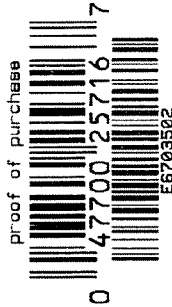
MODEL 700™ M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

DOCUMENT ENVELOPE ASSEMBLY:

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

46 FORM 1444

proof of purchase



owner registration sticker



ORDER NO.

25716

BARREL LENGTH

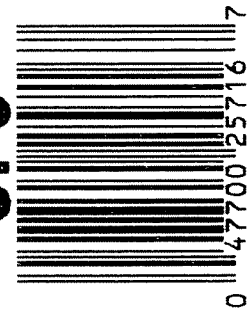
24"

CAPACITY

6

E6703502

UPC



ORDER 25716
MODEL 700TH M24
UPC



ORDER 25716
MODEL 700TH M24
UPC

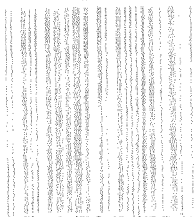


SERIAL NO.

0 47700 25716 7



UPC



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: RE00135358

Serial: E6703502 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 10/16/2007 7:32:03 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: COMMANDER OF KILO 2/11 ACR

COMMANDER OF KILO 2/11 ACR

Address 1: P.O. BOX 105050

P.O. BOX 105050

Address 2: PO Box:

PO Box:

City: FORT IRWIN

FORT IRWIN

State: CA

Zip Code: 92310

Country: US

State: CA

Zip Code: 92310

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
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

10/16/2007

10:00 AM

CAPS

NUM

INS

SCRL



2 Microsoft O...

3 Internet Ex...

Microsoft Excel ...

Arms Services ...

10:00 AM

G659 0202

Serial Number: ~~E6703502~~

Model: M24 SWS



RE00135358

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590202.___0
FILE DATE AND TIME: 12/10/2007 13:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.042
The Average Y Centroid of the Five Target Set:	-0.108
The Average Point of Impact of the Five Target Set:	0.115
The Average Mean Radius of the Five Target Set:	0.873
The Distance from POA to Centroid Target #1:	0.057
The Distance from Centroid Target #2 to Centroid Target #1:	0.376
The Distance from Centroid Target #3 to Centroid Target #1:	0.076
The Distance from Centroid Target #4 to Centroid Target #1:	0.020
The Distance from Centroid Target #5 to Centroid Target #1:	0.061

SERIAL NUMBER: G6590202. __ 0

TARGET NUMBER: 1

FILE DATE: 12/10/2007

FILE TIME: 13:51

X CENTROID: 0.023

Y CENTROID: -0.052

POA TO CENTROID: 0.057

HORZ SPREAD: 2.015

VERT SPREAD: 2.529

GROUP SPREAD: 3.146

MIN RADIUS: 0.241

MAX RADIUS: 1.687

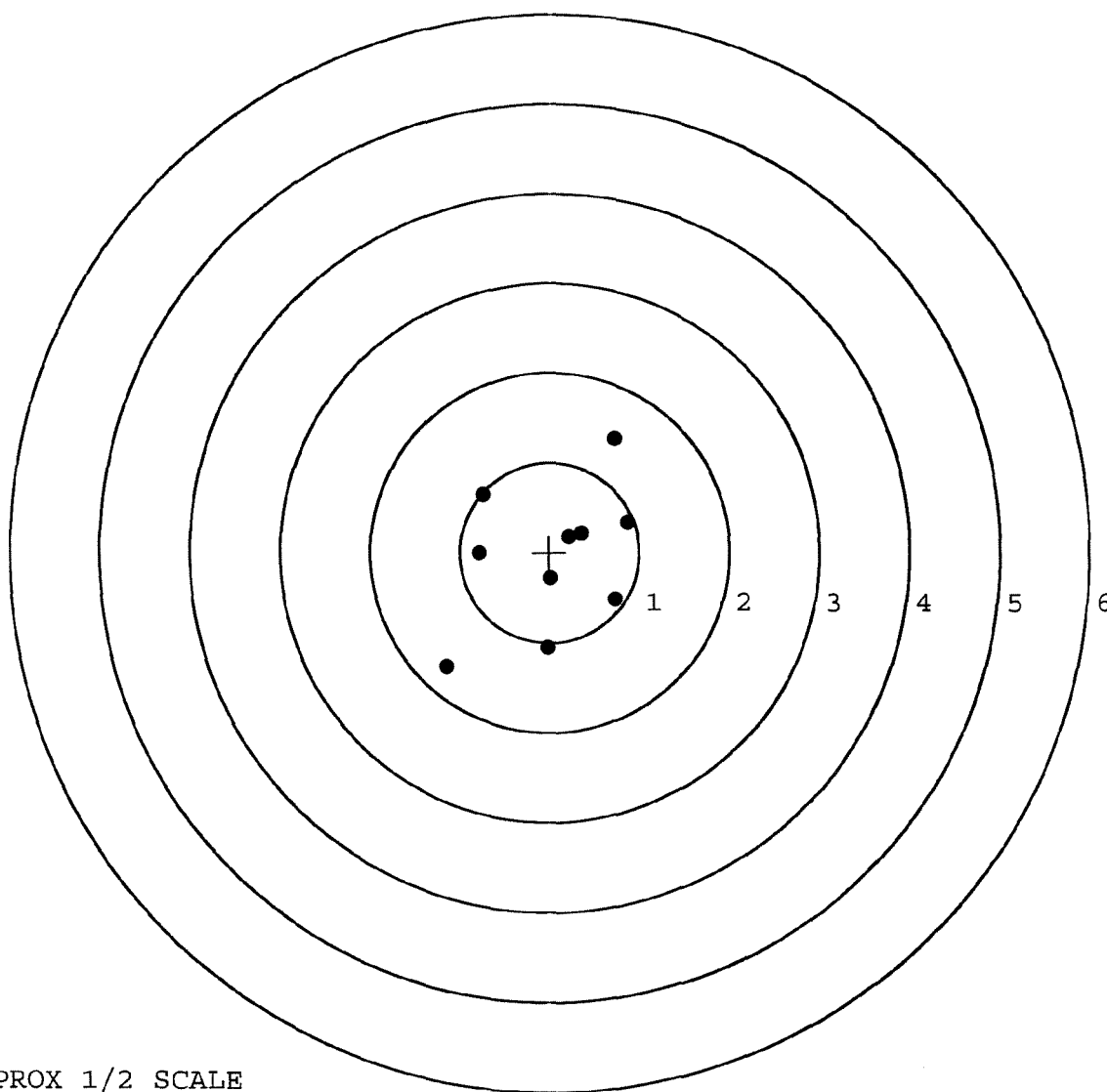
MEAN RADIUS: 0.879

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.224	0.177
2:	0.363	0.215
3:	0.869	0.339
4:	0.726	1.260
5:	-0.742	0.645
6:	-0.784	-0.011
7:	0.013	-0.293
8:	0.729	-0.523
9:	-0.025	-1.061
10:	-1.146	-1.269



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590202. __0

TARGET NUMBER: 2

FILE DATE: 12/10/2007

FILE TIME: 13:51

POINT#	X	Y
1:	0.429	-1.619
2:	-0.016	-1.442
3:	0.478	-1.313
4:	1.079	-0.057
5:	-0.545	-0.629
6:	0.398	-0.113
7:	0.586	0.135
8:	-0.422	0.253
9:	-0.644	0.062
10:	-0.820	0.455

X CENTROID: 0.052

Y CENTROID: -0.427

POA TO CENTROID: 0.430

HORZ SPREAD: 1.899

VERT SPREAD: 2.074

GROUP SPREAD: 2.421

MIN RADIUS: 0.467

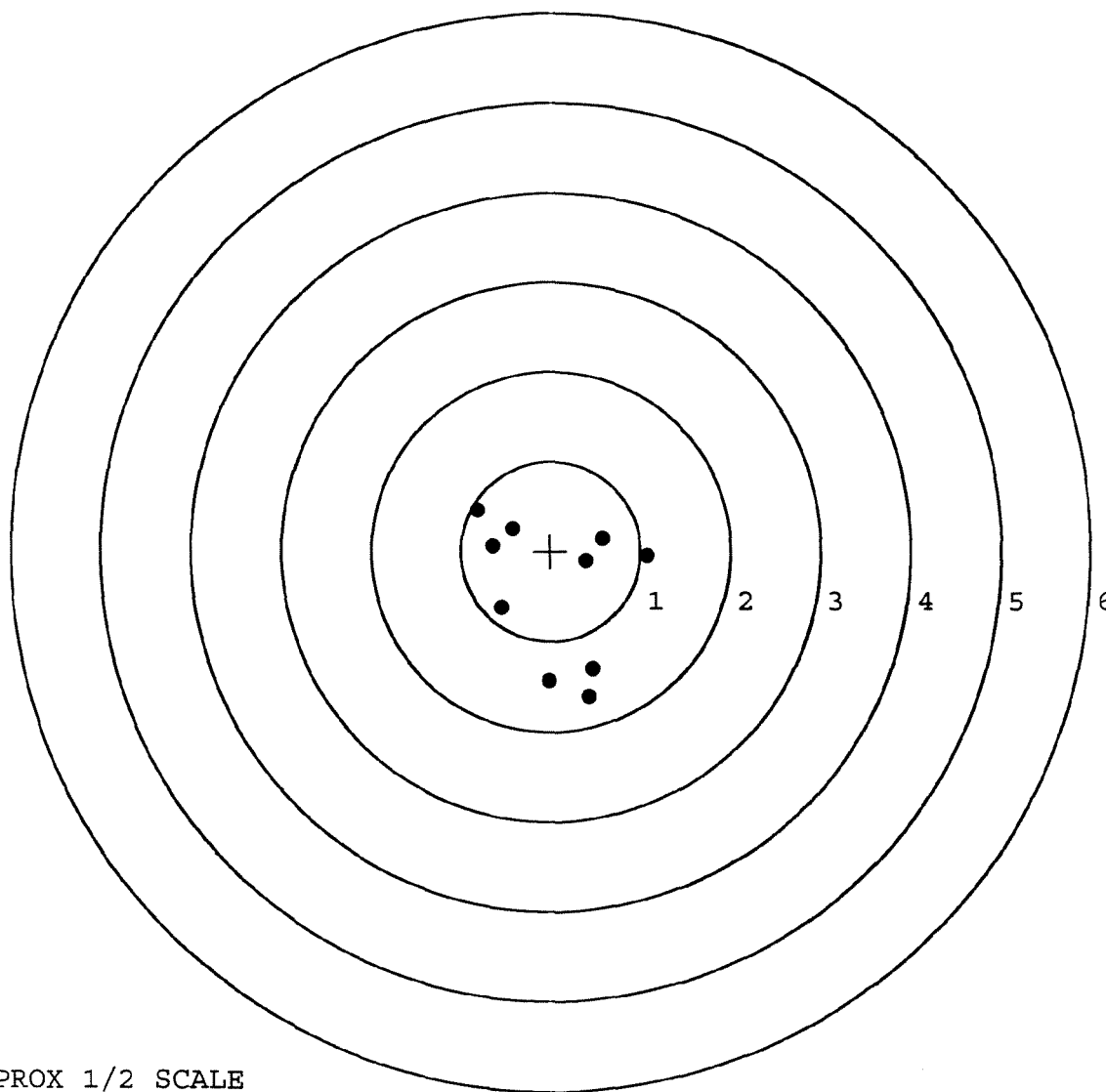
MAX RADIUS: 1.250

MEAN RADIUS: 0.913

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590202. __ 0

TARGET NUMBER: 3

FILE DATE: 12/10/2007

FILE TIME: 13:51

POINT#	X	Y
1:	0.263	0.676
2:	0.742	0.283
3:	0.635	-0.270
4:	0.335	0.046
5:	0.056	-0.302
6:	-0.424	0.005
7:	-0.728	-0.353
8:	-0.805	-0.012
9:	-0.811	0.455
10:	1.693	-0.839

X CENTROID: 0.096

Y CENTROID: -0.031

POA TO CENTROID: 0.101

HORZ SPREAD: 2.504

VERT SPREAD: 1.515

GROUP SPREAD: 2.819

MIN RADIUS: 0.252

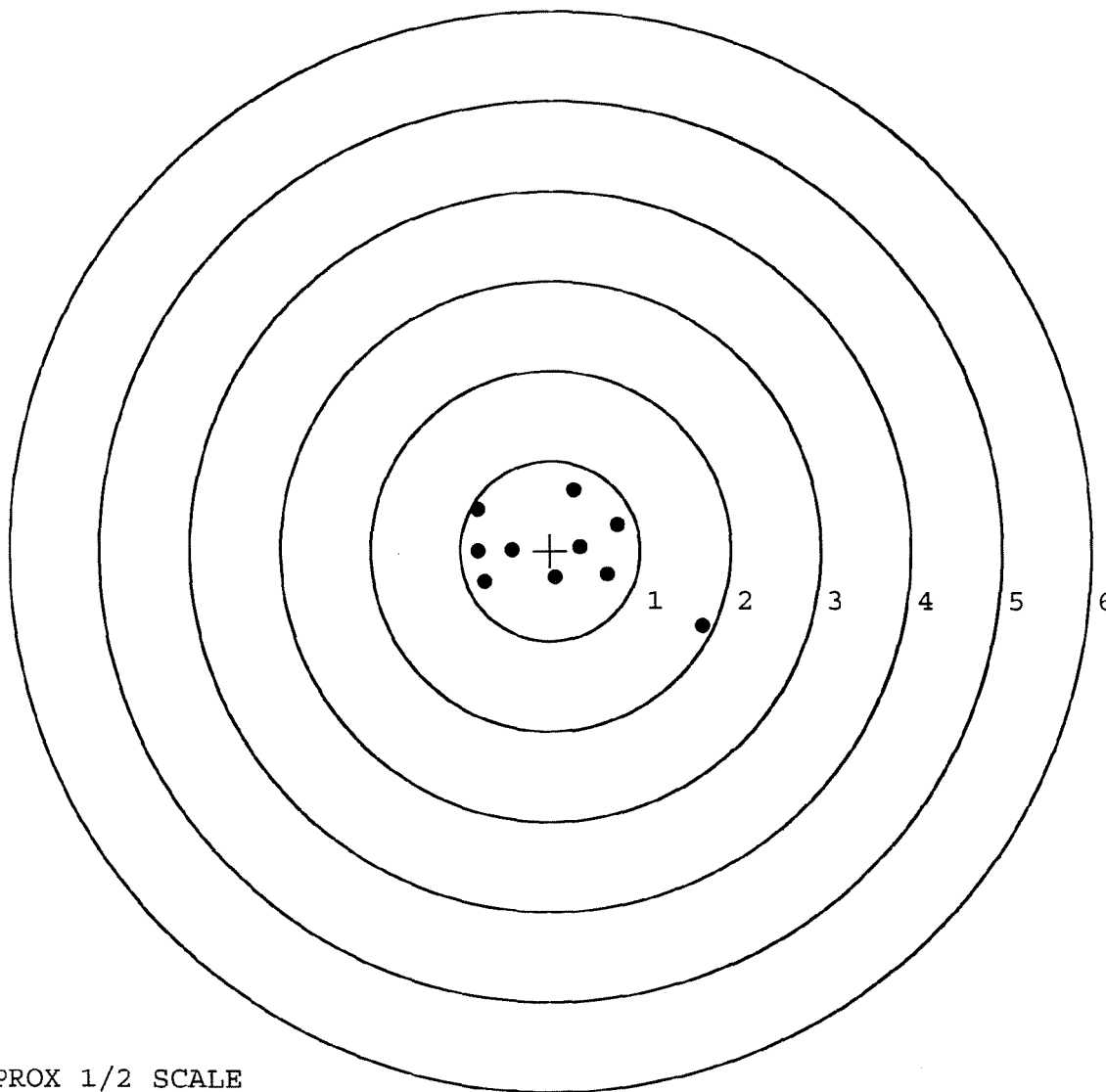
MAX RADIUS: 1.790

MEAN RADIUS: 0.769

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9

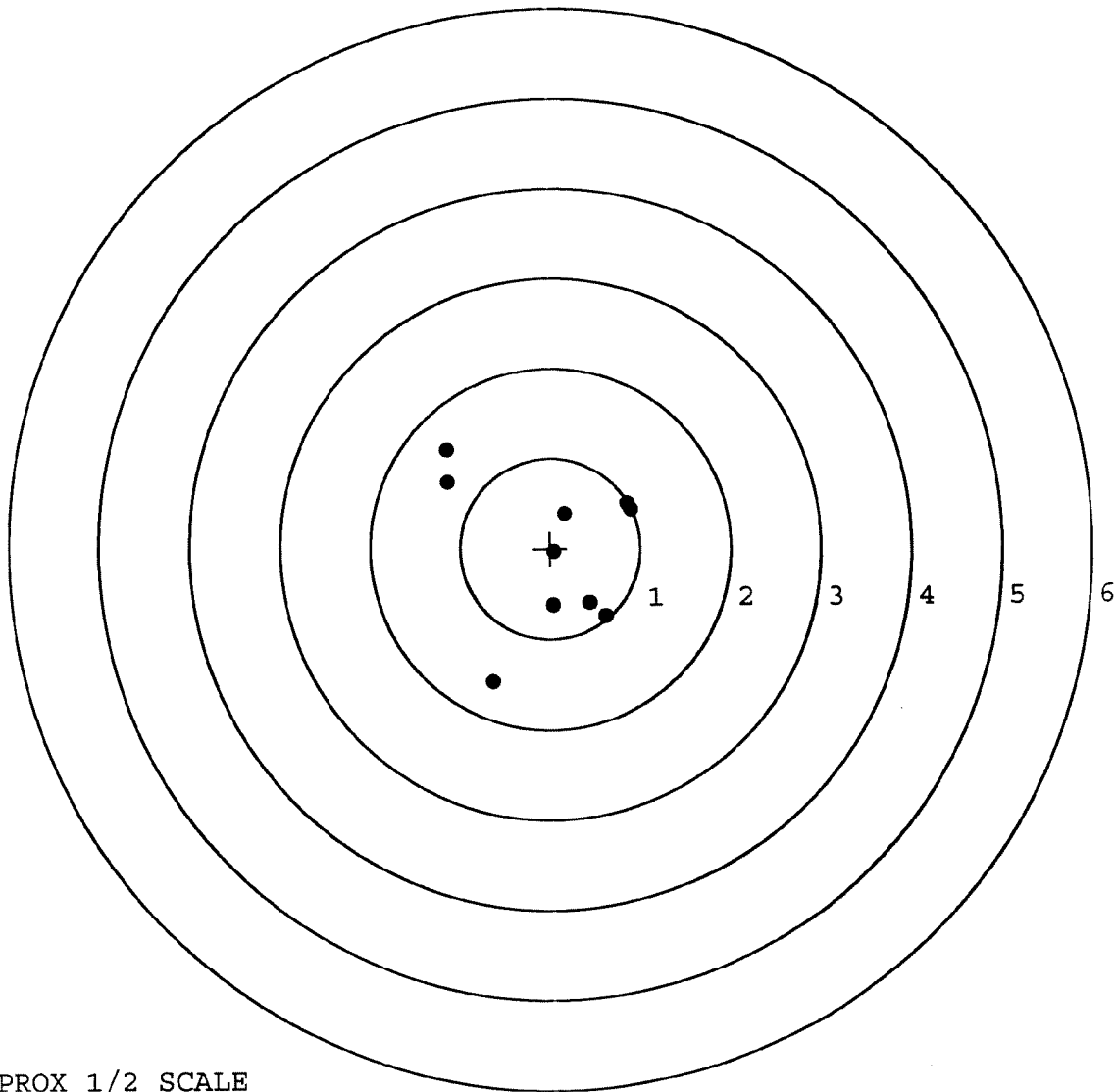


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590202. __0
 TARGET NUMBER: 4
 FILE DATE: 12/10/2007
 FILE TIME: 13:51

POINT#	X	Y
1:	-0.651	-1.470
2:	0.612	-0.756
3:	0.434	-0.612
4:	0.028	-0.636
5:	0.046	-0.042
6:	0.899	0.421
7:	0.163	0.382
8:	-1.142	1.104
9:	-1.135	0.745
10:	0.855	0.499

X CENTROID: 0.011
 Y CENTROID: -0.037
 POA TO CENTROID: 0.038
 HORZ SPREAD: 2.041
 VERT SPREAD: 2.574
 GROUP SPREAD: 2.620
 MIN RADIUS: 0.036
 MAX RADIUS: 1.622
 MEAN RADIUS: 0.932
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 8

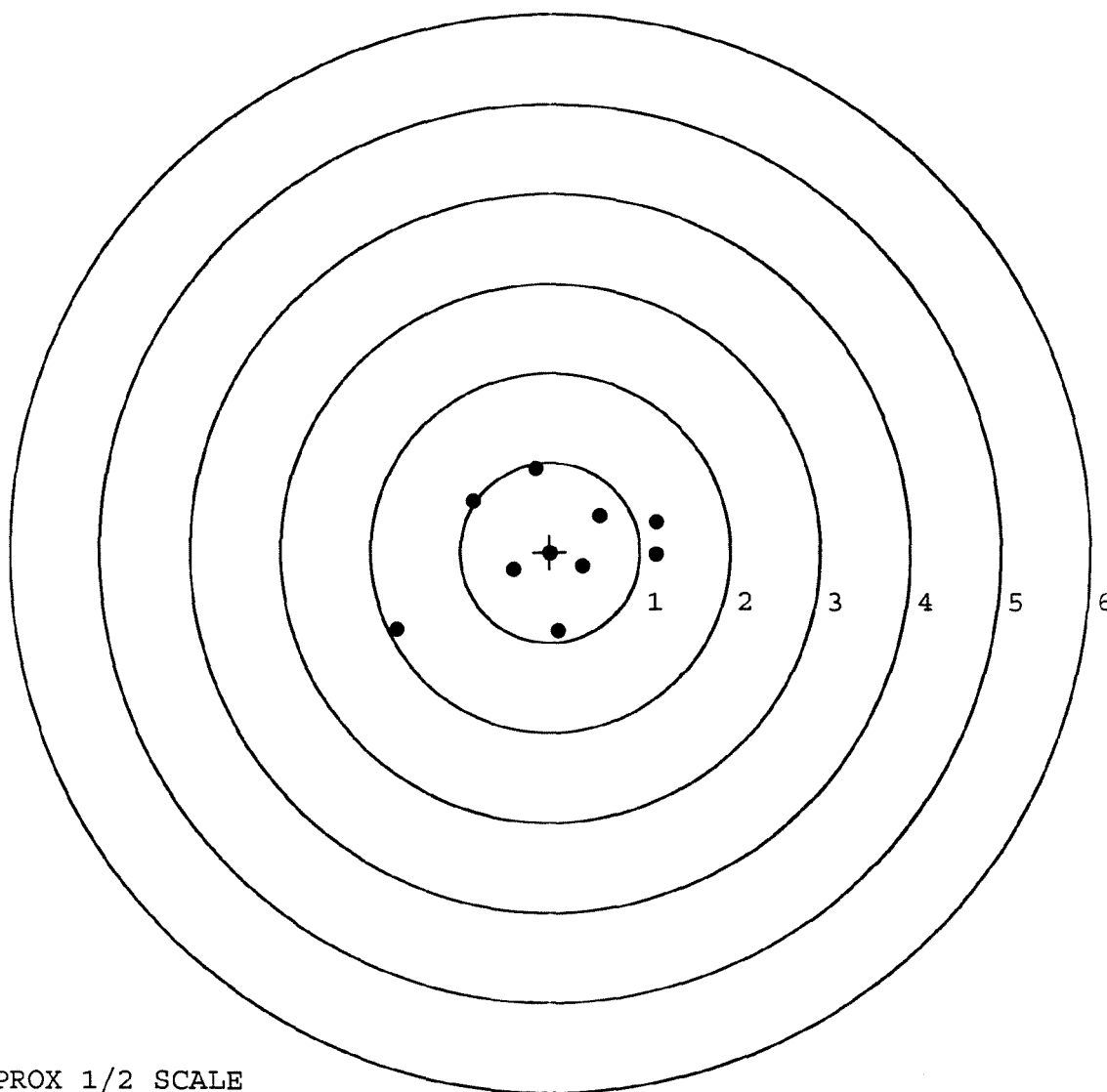


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590202. __0
 TARGET NUMBER: 5
 FILE DATE: 12/10/2007
 FILE TIME: 13:51

POINT#	X	Y
1:	1.182	-0.030
2:	1.185	0.328
3:	0.557	0.394
4:	0.371	-0.154
5:	0.098	-0.875
6:	0.005	-0.016
7:	-0.403	-0.194
8:	-0.166	0.933
9:	-0.850	0.566
10:	-1.712	-0.865

X CENTROID: 0.027
 Y CENTROID: 0.009
 POA TO CENTROID: 0.028
 HORZ SPREAD: 2.897
 VERT SPREAD: 1.808
 GROUP SPREAD: 3.133
 MIN RADIUS: 0.033
 MAX RADIUS: 1.946
 MEAN RADIUS: 0.872
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 135 358SERIAL NUMBER 66703502

66590202 (New)

LOG-IN DATE 10-16-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	11-06-07	RTZ
505	RE-BARREL	11-6-07	RTZ
560	ASSEMBLE	11-6-07	RTZ
600	PROOF	11-12-07	TRW
605	CHECK HEADSPACE	11-12-07	TRW
610	DIS-ASSEMBLE GUN	11-13-07	RTZ
612	MAGNAFLUX	11-14-07	JB
510	DRILL AND TAP	11-13-07	TRW
615	ROLLMARK CALIBER	11-13-07	CW
618	ROTO-BLAST	11-14-07	YU
620	APPLY COATINGS	11/17/07	JB
625	FINAL ASSEMBLY	12-6-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	12-10-07 TRW
650	TARGET	(PASS) FAIL	12-10-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		12-10-07
	A) HEADSPACE	(PASS) FAIL	12-11-07 DA
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.87 2.85 2.87 2.85 2.85 12-11-07 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.9 5.5 5.5 12-11-07 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.75 3.9 2.75 12-11-07 DA
	I) FIRING PIN INDENT	.020	.021 .022 .022 12-11-07 DA
690	PACK		12-20-08 DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. E6703502DATE 4/24/01TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.25	2.25		2.17	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.16	2.13		2.60	
PULL #3	2.15	2.15		2.62	
PULL #4	2.18	2.18		2.36	
PULL #5	2.24	2.18		2.37	
TOTAL	1098	1089		12.12	
AVG.	2.19	2.17		2.42	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.17		
PULL #2	3.01	3.22		
PULL #3	3.27	3.28		
PULL #4	3.10	3.23		
PULL #5	3.29	3.00		
TOTAL	1589	1590		
AVG.	3.16	3.18		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.59		4.44
PULL #2	4.18	4.14		4.50
PULL #3	4.19	4.13		4.34
PULL #4	4.39	4.25		4.28
PULL #5	4.34	4.06		4.44
TOTAL	21.33	21.17		22.00
AVG.	4.27	4.23		4.40

BARBER - M24 0166675

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6703502
20 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.1524$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $.1556$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.217801$

THE AMR FOR THIS RIFLE IS: 1.119

CENTROIDAL DISTANCES

0	TO	1	.135518
1	TO	2	.304844
1	TO	3	.20096
1	TO	4	.423457
1	TO	5	.221996

4
2⁵ 1₃ <----POA

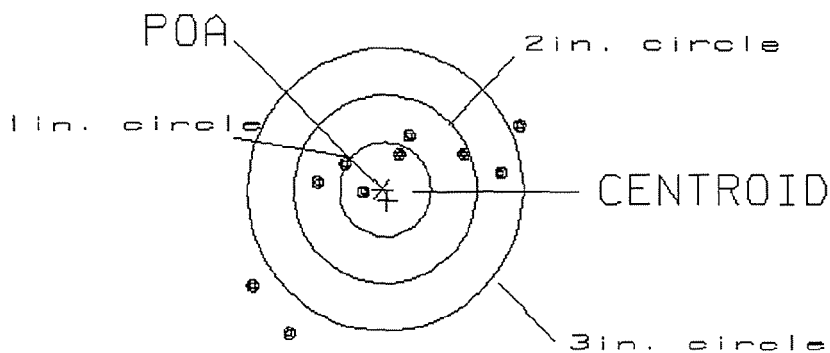
PATTERN #: □ 1 □

POA TO CENTROID: .135
 MIN RADIUS : .256
 MEAN RADIUS : 1.001
 MAX RADIUS : 1.841
 CENTROID X : -.059
 CENTROID Y : .122

20 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703502.1.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.89

2

VS= 2.24

6

GS= 3.39

7

BARBER - M24 0166677

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .349

MIN RADIUS : .408

MEAN RADIUS : 1.212

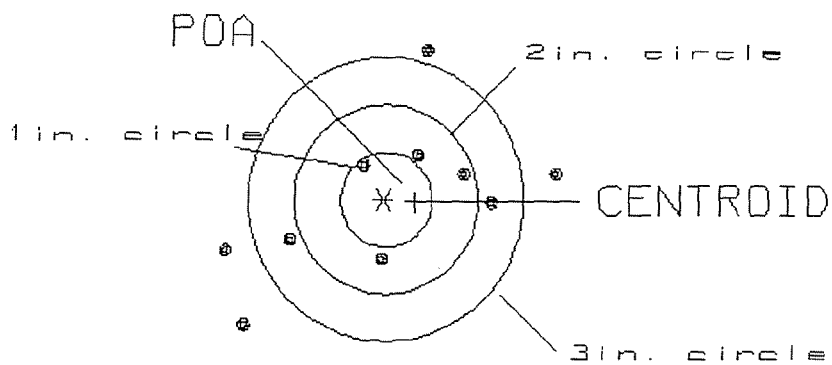
MAX RADIUS : 1.990

CENTROID X : -.348

CENTROID Y : .025

20 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703502.1.1

CENTERFIRE PATTERN # 2

OF SHOTS= 10

IN CIRCLE

HS= 3.56

1

VS= 2.87

4

GS= 3.67

6

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

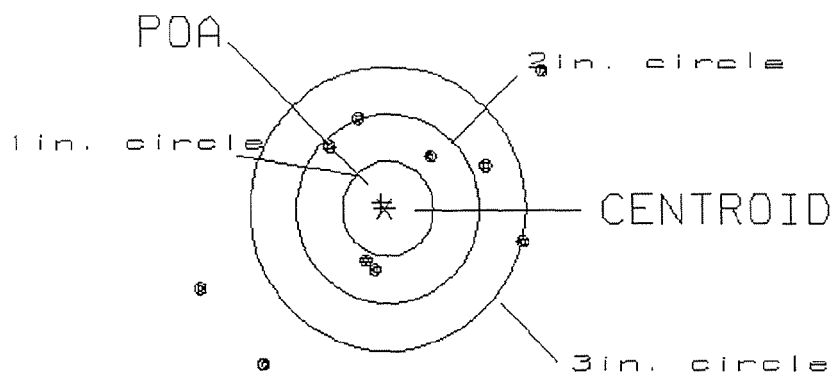
PATTERN #: 3

POA TO CENTROID: .065
 MIN RADIUS : .590
 MEAN RADIUS : 1.303
 MAX RADIUS : 2.229
 CENTROID X : .037
 CENTROID Y : -.054

20 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703502.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.71
 VS= 3.09
 GS= 4.33

0
 5
 7

BARBER - M24 0166679

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .554

MIN RADIUS : .664

MEAN RADIUS : 1.146

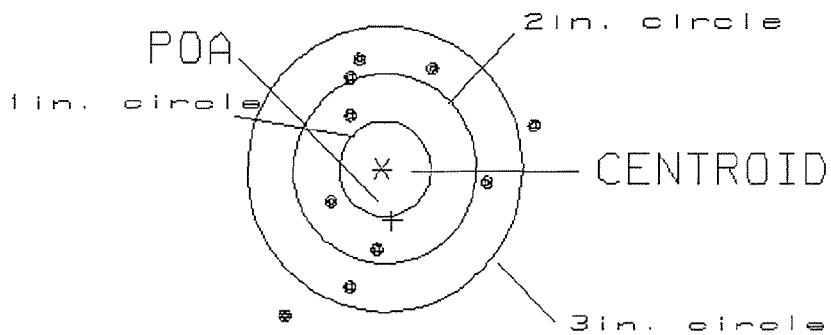
MAX RADIUS : 1.857

CENTROID X : -.113

CENTROID Y : .542

20 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703502.1.1

CENTERFIRE PATTERN # 4

OF SHOTS= 10

IN CIRCLE

HS= 2.67

0

VS= 2.66

4

GS= 3.32

6

BARBER - M24 0166680

REMINGTON CENTERFIRE ACCURACY TEST

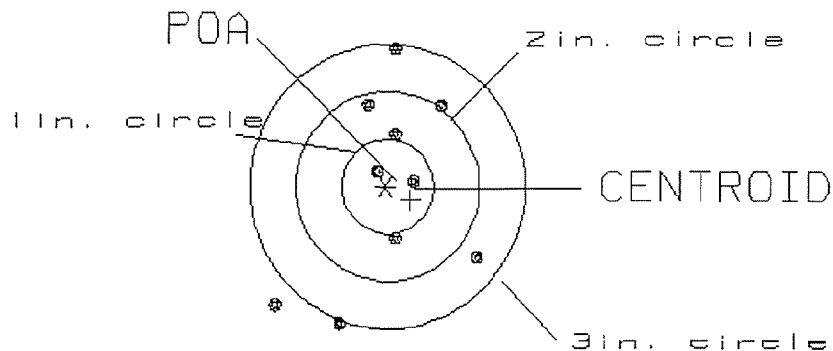
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 5 ☐

POA TO CENTROID: .314
MIN RADIUS : .166
MEAN RADIUS : .932
MAX RADIUS : 1.724
CENTROID X : -.280
CENTROID Y : .143

20 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703502.1.1

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.18

2

VS= 2.84

5

GS= 2.95

8

BARBER - M24 0166681

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6703502
20 Aug 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.4586
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0594
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .462431

THE AMR FOR THIS RIFLE IS: 1.333

CENTROIDAL DISTANCES

Ø TO	1	1.06388
1 TO	2	1.6077
1 TO	3	1.58703
1 TO	4	1.31129
1 TO	5	1.65055

5
23
4 + <----POA

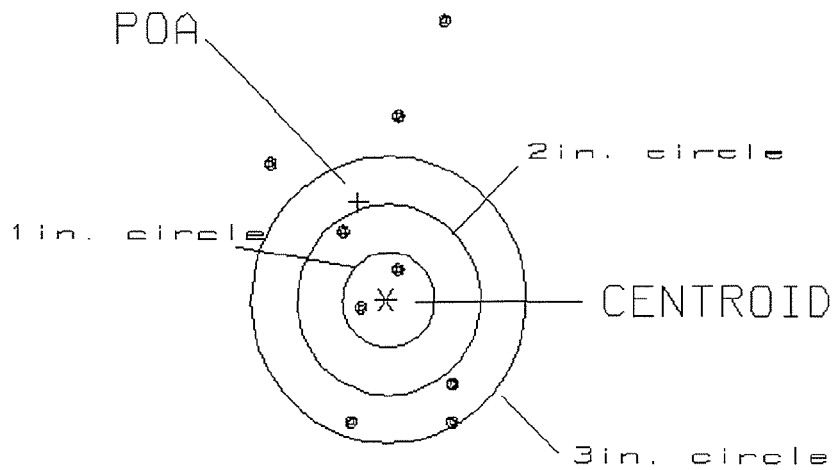
PATTERN #: □ 1 □
 POA TO CENTROID: 1.063
 MIN RADIUS : .301
 MEAN RADIUS : 1.613
 MAX RADIUS : 3.814
 CENTROID X : .299
 CENTROID Y : -1.021

E6703502

20 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703502.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.00
 VS= 6.76
 GS= 6.78

2
 3
 5

BARBER - M24 0166683

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

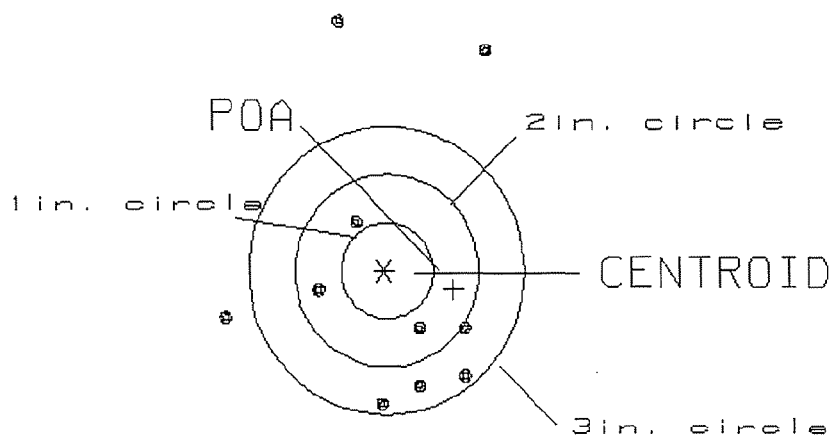
PATTERN #: □ 2 □

POA TO CENTROID: .779
 MIN RADIUS : .673
 MEAN RADIUS : 1.430
 MAX RADIUS : 2.650
 CENTROID X : -.755
 CENTROID Y : .193

20 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703502.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.86
 VS= 3.95
 GS= 3.99

0
 3
 7

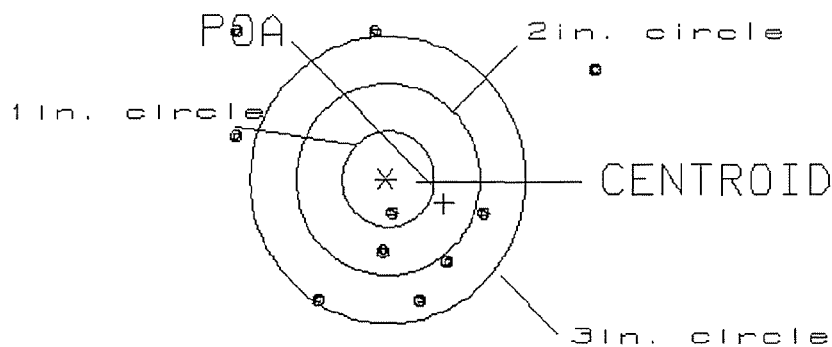
PATTERN #: 3

POA TO CENTROID: .694
 MIN RADIUS : .314
 MEAN RADIUS : 1.388
 MAX RADIUS : 2.492
 CENTROID X : -.646
 CENTROID Y : .254

20 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703502.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.88
 VS= 2.81
 GS= 3.95

1
 2
 6

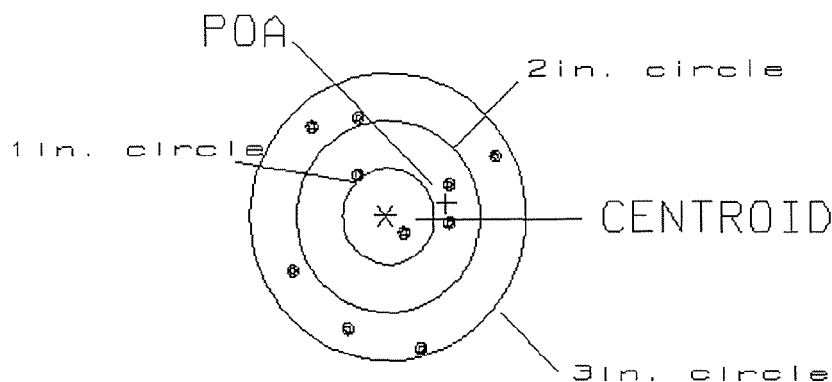
PATTERN #: □ 4 □

POA TO CENTROID: .676
 MIN RADIUS : .209
 MEAN RADIUS : .952
 MAX RADIUS : 1.407
 CENTROID X : -.664
 CENTROID Y : -.131

20 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703502.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.22

1

VS= 2.38

4

GS= 2.55

10

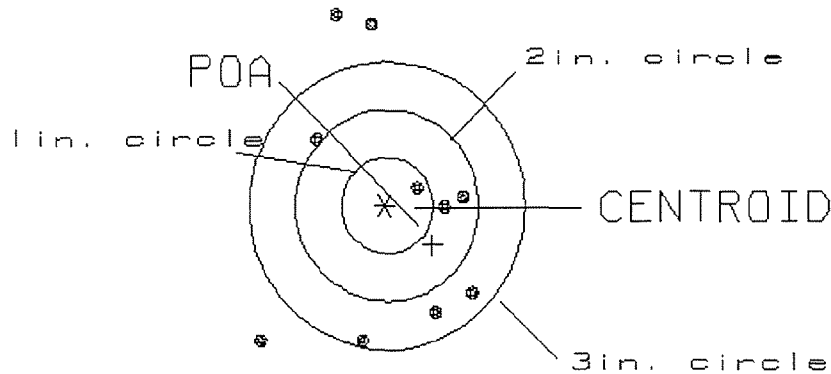
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .667
 MIN RADIUS : .390
 MEAN RADIUS : 1.284
 MAX RADIUS : 2.031
 CENTROID X : -.527
 CENTROID Y : .408

20 Aug 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703502.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.32
 VS= 3.41
 GS= 3.47

1
 3
 7

ISRAELI GUNS

CONTRACT # DAAE20-97-C-0182

GUN SERIAL # E6703502

OP. #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		5-8-01	CR
600	PROOF		5-8-01	CR
607	CHECK HEADSPACE		5-8-01	CR
610	DIS-ASSEMBLE GUN		5-8-01	CR
612	MAGNAFLUX BARREL ACTION		5-9-01	AC
	MAGNAFLUX BOLT		5-9-01	AR
615	ROLLMARK CALIBER		5-9-01	RH
617	DRILL AND TAP SIGHT HOLES		5-10-01	BWT
618	POLISH BARREL		5-11-01	GD
620	APPLY COATINGS (BARREL ACTION)		5-14-01	TA
	(BOLT)		5-14-01	TA
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		8-13-01	RH
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		8-13-01	RH
	C) INSPECT EJECTOR HOLE FOR CHAMFER		8-13-01	RH
	D) OIL FIRING PIN ASSEMBLY		8-13-01	RH
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		8-13-01	RH

OP. #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE	<u>6.2</u> <u>6.5</u> <u>6.5</u>	8-22-01	DA
CONT.	G) SAFETY OFF FORCE	<u>2.5</u> <u>2.5</u> <u>2.5</u>	8-22-01	DA
	H) TRIGGER PULL TEST AND RETAINABILITY		8-23-01	DA
	I) FIRING PIN INDENT	<u>.021</u> <u>.021</u> <u>.021</u>	8-22-01	DA
	J) ASSEMBLE STOCK		5-8-01	CK
	K) ASSEMBLE SWIVEL STUDS		5-8-01	CK
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8-21-01	DA
	M) IRON SIGHT ALIGNMENT		8-21-01	DA
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8-21-01	DA
640	GALLERY TEST AND TARGET		8/15/01	Rw
	A) MALFUNCTIONS		8/15/01	Rw
	B) PIERCED PRIMERS		8/15/01	Rw
645	INSPECT FOR LIVE AMMO		8/15/01	Rw
655	FINAL INSPECTION A) HEADSPACE		8/23/01	DA
	B) TRIGGER PULL	<u>2.28</u> <u>2.33</u> <u>2.36</u> <u>2.26</u> <u>2.23</u>	8-22-01	DA
	C) FUNCTION		8-23-01	DA
660	PACK		8-24-01	DA

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 0166688

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