

G6845859

Replaces

E6703497

Repair Inquiry

Repair Number: RE00161970

Serial: E6703497 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair:

Status:

Closed 2/13/2009 8:06:44 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: FB4830 TMO 23RD LRS LGRDDC

FB4830 TMO 23RD LRS LGRDDC

Address 1: 4380D ALABAMA ROAD

4380D ALABAMA ROAD

Address 2: PO Box:

PO Box:

City: MOODY AFB

MOODY AFB

State: GA Zip Code: 31699

Country: US

State: GA

Zip Code: 31699

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sg Base	1

Repair Search

Refresh

Close

Evaluate

naglej

2/13/2009

1:31 PM

CAPS

NUM

INS

SCRL

start

12 Microsoft...

4 Microsoft...

3 Internet E...

Arms Services...

Part Search b...

3 SAP Logon...

H31 PM

G6845859

Serial Number: E6703497

Model: M24 SWS



RE00161970

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL #

06845859 For E6703497

OP #	OPERATION NAME	READINGS	DATE	INITIAL
420	ASSEMBLE ACTION		4-3-09	SP
430	ASSEMBLE TO STOCK		4-3-09	SP
440	PROOF		4-3-09	SP
460	CHECK HEADSPACE		4-3-09	SP
470	DIS-ASSEMBLE ACTION		4-3-09	SP
472	SERIALIZE BOLT HANDLE	MAGNA-FLUX	4-6-09	RT
475	DRILL AND TAP SIGHT HOLES		4-6-09	SP
480	MAGNAFLUX BBL ACTION	OPERATOR (15)	4-8-09	(15)
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		4/8/09	RT
520	GOFF BLAST BBL / REC		4-8	B+
542	APPLY COATINGS (BARREL ACTION)		4-11	
545	(BOLT)			
560	RE-ASSEMBLE ACTION			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		4-13-09	SP
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		4-13-09	SP
	C) INSPECT EJECTOR HOLE FOR CHAMFER		4-13-09	SP
	D) OIL FIRING PIN ASSEMBLY			
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE	2.50 LBS +/- .5 LBS		

F004 REV 5/2006

560	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	<u>40</u>	<u>40</u>	<u>40</u>	5-11-09	R.N.		
CONT.									
	G) SAFETY OFF FORCE	2 LBS MIN	<u>50</u>	<u>50</u>	<u>50</u>	5-11-09	R.N.		
	H) TRIGGER PULL TEST AND RETAINABILITY								
	I) FIRING PIN INDENT	.020 MIN	<u>.023</u>	<u>.023</u>	<u>.023</u>	5-11-09	R.N.		
	J) ASSEMBLE STOCK								
	K) ASSEMBLE SWIVEL STUDS								
	L) ATTACH FRONT AND REAR SIGHT ASSY'S								
	M) IRON SIGHT ALIGNMENT								
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER								
640 & 650	FUNCTION TEST AND TARGET		<u>PASS</u>	FAIL		5-6-09	R.N.		
			<u>PASS</u>	FAIL					
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION		N/A				
	MALFUNCTION		CORRECTION						
	MALFUNCTION		CORRECTION						
660	INSPECT FOR LIVE AMMO					5-6-09	TGR		
670	FINAL INSPECTION A) HEADSPACE					5-11-09	R.N.		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.59</u>	<u>2.63</u>	<u>2.58</u>	<u>2.56</u>	<u>2.64</u>	5-11-09	R.N.
	C) FUNCTION					5-11-09	R.N.		
690	PACK					5/15/09	Fm		

F004 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

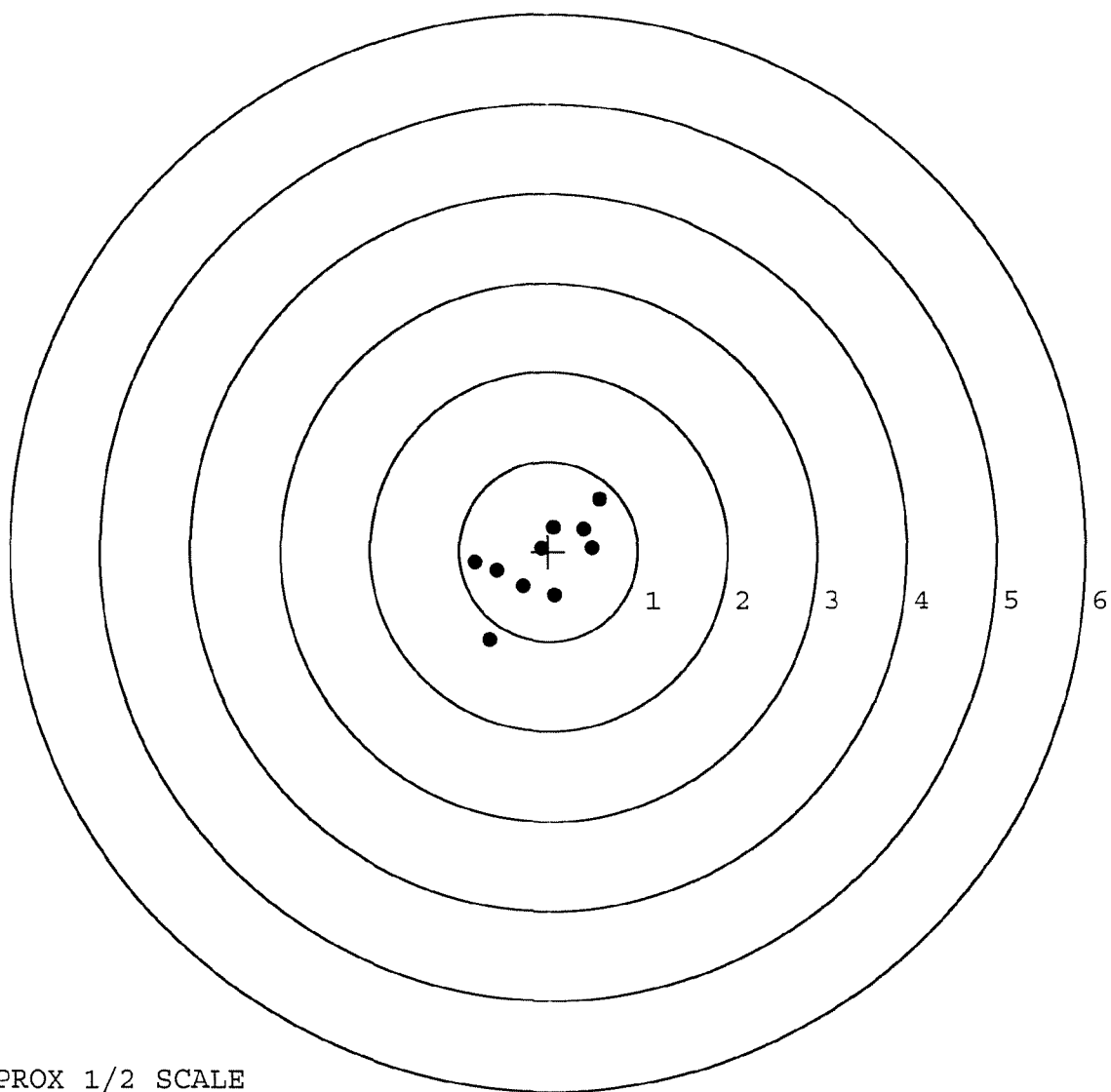
FIREARM SERIAL NUMBER / DATASET NAME: G6845859.___0

FILE DATE AND TIME: 05/06/2009 15:04

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.027
The Average Y Centroid of the Five Target Set:	-0.075
The Average Point of Impact of the Five Target Set:	0.080
The Average Mean Radius of the Five Target Set:	0.561
The Distance from POA to Centroid Target #1:	0.135
The Distance from Centroid Target #2 to Centroid Target #1:	0.125
The Distance from Centroid Target #3 to Centroid Target #1:	0.100
The Distance from Centroid Target #4 to Centroid Target #1:	0.118
The Distance from Centroid Target #5 to Centroid Target #1:	0.121

SERIAL NUMBER: G6845859. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	0.072	-0.491
FILE DATE: 05/06/2009	2:	-0.286	-0.397
FILE TIME: 15:04	3:	-0.576	-0.224
	4:	-0.822	-0.133
X CENTROID: -0.084	5:	-0.661	-0.998
Y CENTROID: -0.106	6:	0.487	0.043
POA TO CENTROID: 0.135	7:	0.392	0.253
HORZ SPREAD: 1.390	8:	0.568	0.585
VERT SPREAD: 1.583	9:	0.059	0.269
GROUP SPREAD: 2.004	10:	-0.074	0.035
MIN RADIUS: 0.141			
MAX RADIUS: 1.062			
MEAN RADIUS: 0.576			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6845859. __0

TARGET NUMBER: 2

FILE DATE: 05/06/2009

FILE TIME: 15:04

POINT#	X	Y
1:	0.540	-0.705
2:	-0.034	-0.488
3:	-0.044	-0.354
4:	-0.008	-0.151
5:	-0.462	-0.179
6:	-0.407	0.128
7:	0.540	0.508
8:	-0.094	1.503
9:	0.377	-0.567
10:	-0.074	-0.317

X CENTROID: 0.033

Y CENTROID: -0.062

POA TO CENTROID: 0.071

HORZ SPREAD: 1.002

VERT SPREAD: 2.208

GROUP SPREAD: 2.297

MIN RADIUS: 0.098

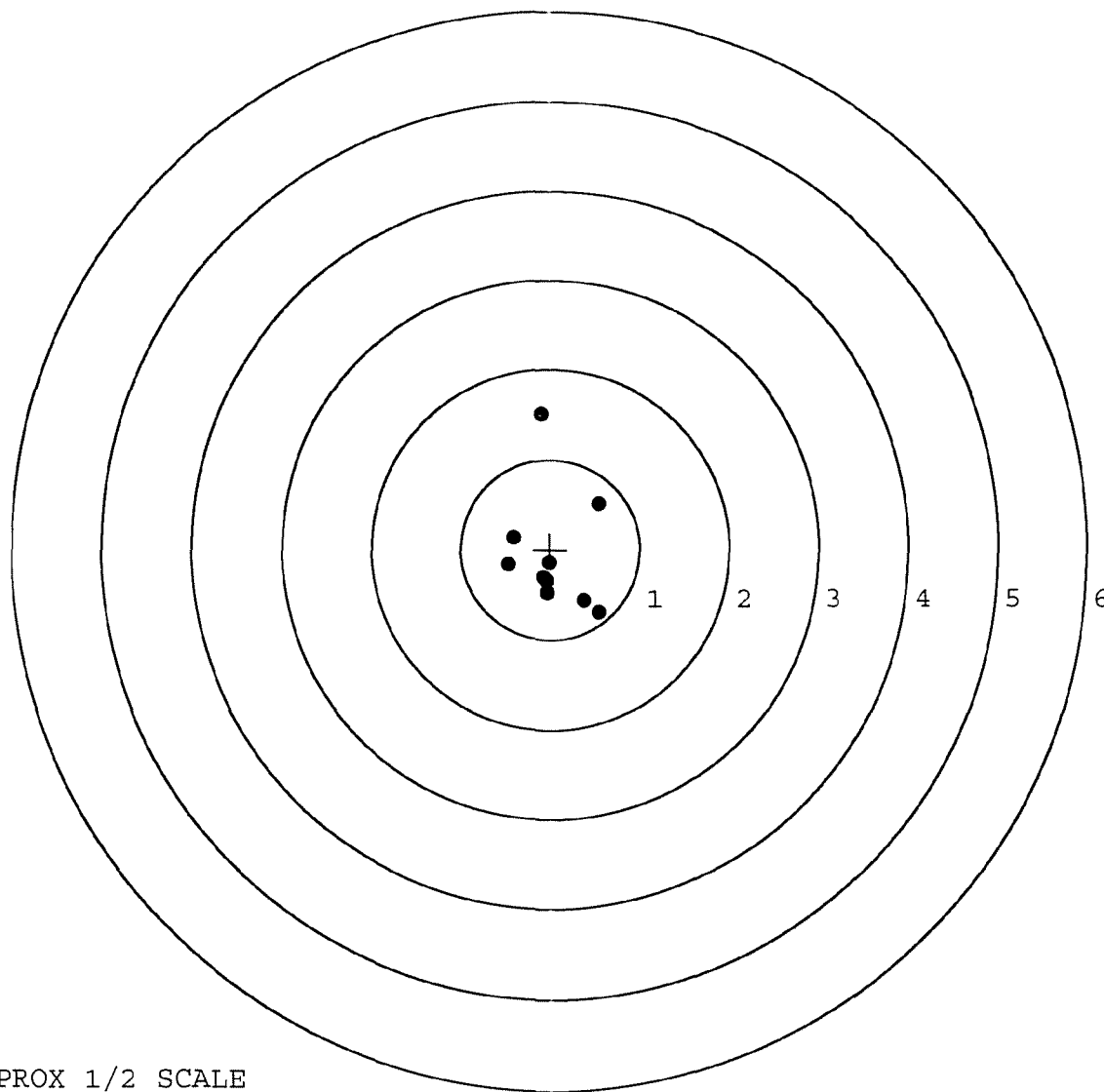
MAX RADIUS: 1.570

MEAN RADIUS: 0.586

IN 1 IN DIAMETER: 5

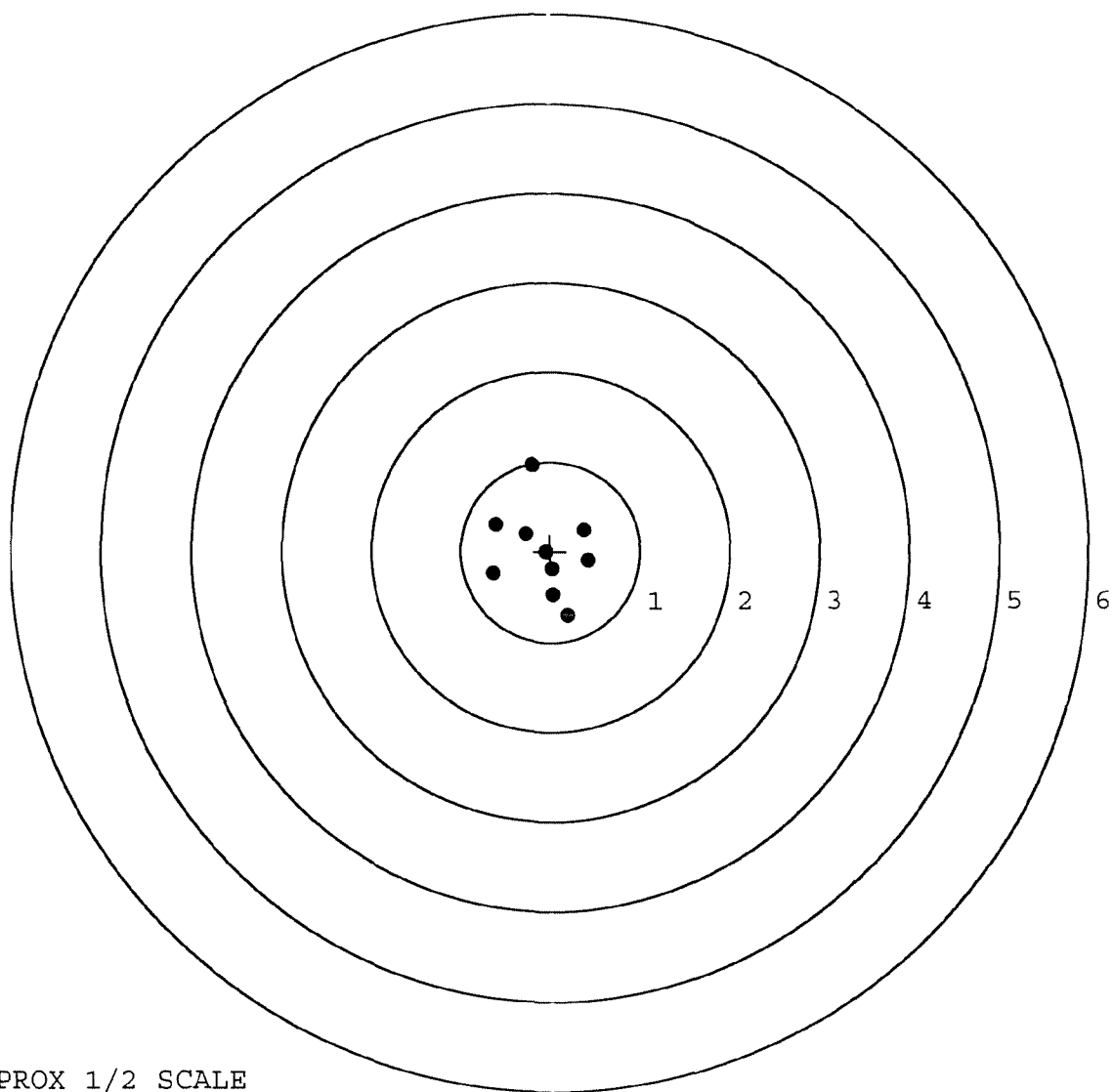
IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6845859. __0	POINT#	X	Y
TARGET NUMBER: 3	1:	0.192	-0.708
FILE DATE: 05/06/2009	2:	0.031	-0.483
FILE TIME: 15:04	3:	0.024	-0.196
	4:	0.421	-0.101
X CENTROID: -0.074	5:	0.371	0.236
Y CENTROID: -0.006	6:	-0.275	0.188
POA TO CENTROID: 0.074	7:	-0.608	0.296
HORZ SPREAD: 1.059	8:	-0.202	0.963
VERT SPREAD: 1.671	9:	-0.638	-0.248
GROUP SPREAD: 1.717	10:	-0.053	-0.009
MIN RADIUS: 0.021			
MAX RADIUS: 0.978			
MEAN RADIUS: 0.497			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			

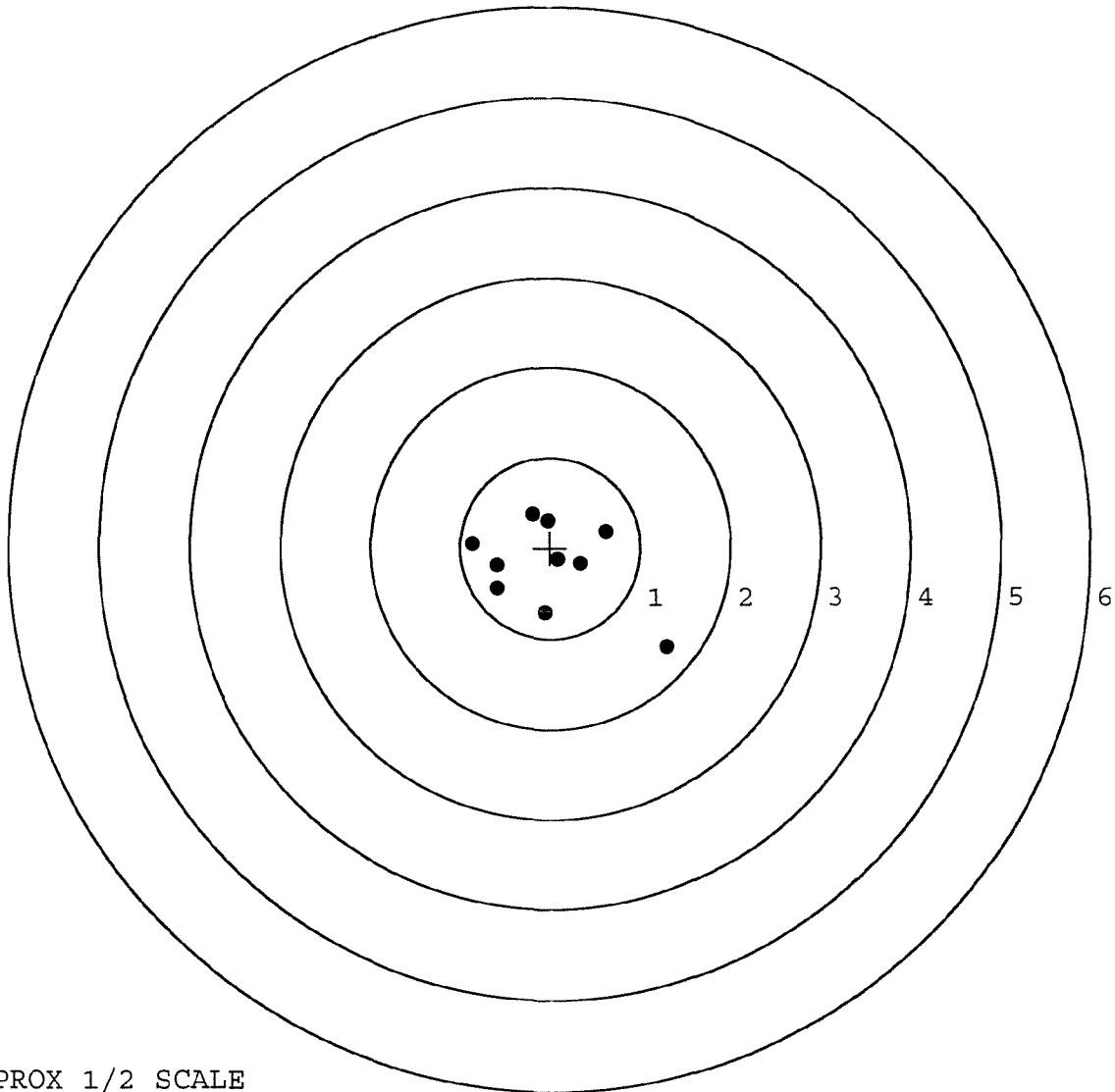


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6845859. __0
TARGET NUMBER: 4
FILE DATE: 05/06/2009
FILE TIME: 15:04

POINT#	X	Y
1:	0.620	0.185
2:	0.338	-0.179
3:	0.085	-0.132
4:	-0.027	0.303
5:	-0.195	0.370
6:	-0.061	-0.720
7:	-0.590	-0.459
8:	-0.590	-0.205
9:	-0.863	0.042
10:	1.281	-1.098

X CENTROID: 0.000
Y CENTROID: -0.189
POA TO CENTROID: 0.189
HORZ SPREAD: 2.144
VERT SPREAD: 1.468
GROUP SPREAD: 2.428
MIN RADIUS: 0.103
MAX RADIUS: 1.571
MEAN RADIUS: 0.649
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

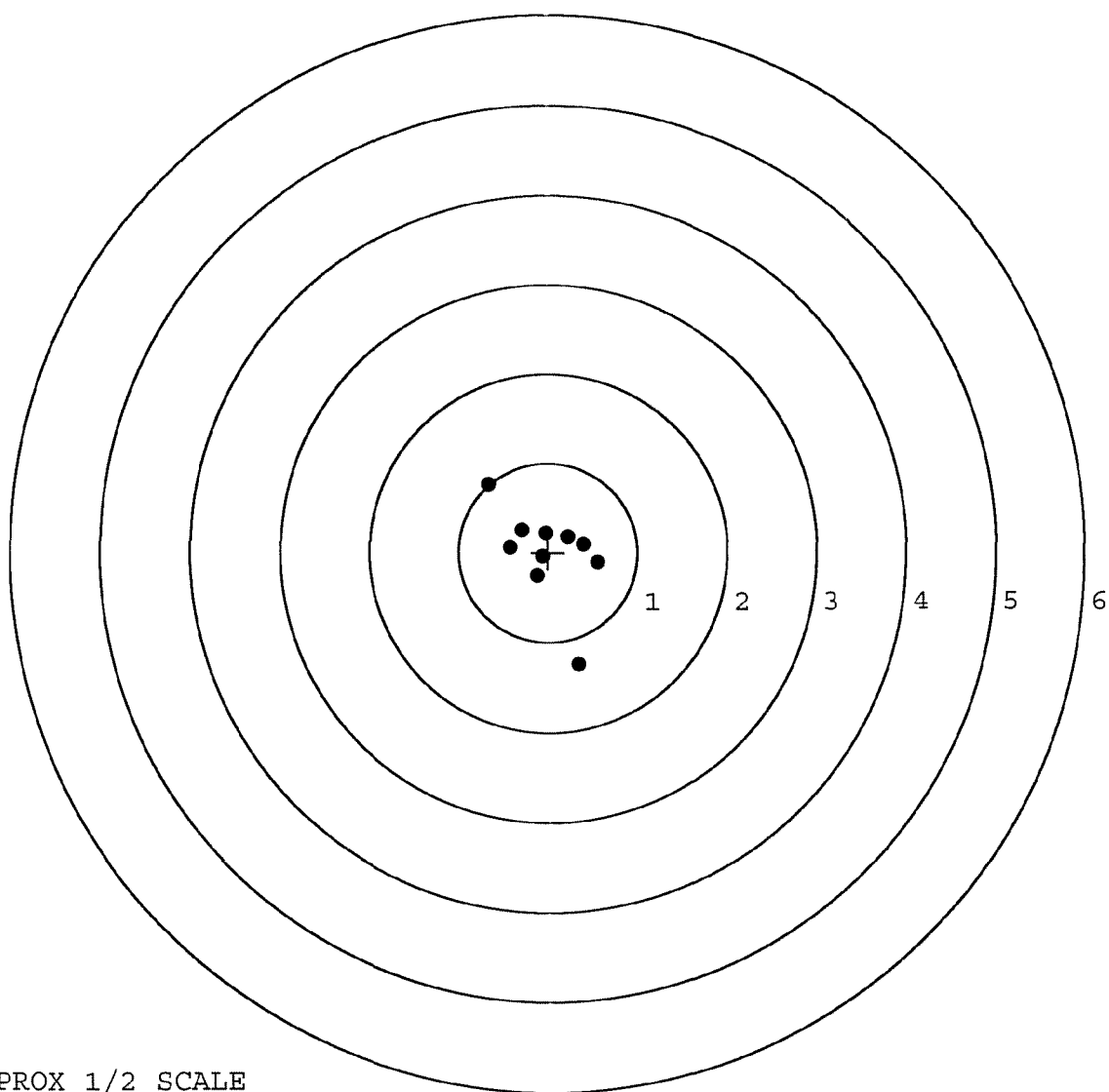


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6845859. __0
TARGET NUMBER: 5
FILE DATE: 05/06/2009
FILE TIME: 15:04

POINT#	X	Y
1:	0.557	-0.114
2:	0.399	0.087
3:	0.217	0.175
4:	-0.024	0.220
5:	-0.299	0.252
6:	-0.420	0.058
7:	-0.066	-0.047
8:	-0.124	-0.265
9:	-0.661	0.761
10:	0.340	-1.249

X CENTROID: -0.008
Y CENTROID: -0.012
POA TO CENTROID: 0.015
HORZ SPREAD: 1.218
VERT SPREAD: 2.010
GROUP SPREAD: 2.245
MIN RADIUS: 0.068
MAX RADIUS: 1.285
MEAN RADIUS: 0.497
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

ORDER 25716
MODEL 700™ M24
UPC



ORDER 25716
MODEL 700™ M24
UPC



SERIAL NO.



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
E6703497

ORDER NO.
25716

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



5716 E6703497

11CV

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

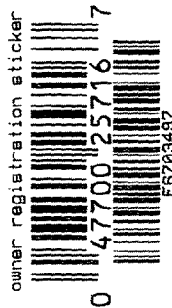
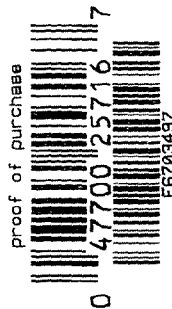
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MODEL 700TH M24
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

DOCUMENT ENVELOPE ASSEMBLY:

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

46 FORM 1444

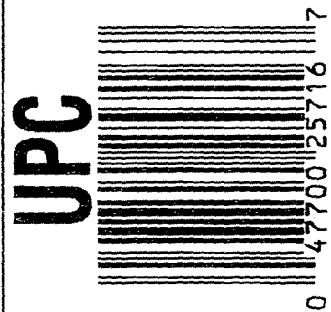


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

E6703497



GUN SERIAL # E6703497

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		4-2-01	CK
600	PROOF		"	"
607	CHECK HEADSPACE		"	"
610	DIS-ASSEMBLE GUN		"	"
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT			
615	ROLLMARK CALIBER			
617	DRILL AND TAP SIGHT HOLES		3/21/01	DA
618	POLISH BARREL			
620	APPLY COATINGS (BARREL ACTION)			
	(BOLT)			
625	FINAL ASSEMBLY A) CLEAN INSIDE OF BOLT ASSEMBLY		3/24/01	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		"	"
	C) INSPECT EJECTOR HOLE FOR CHAMFER		"	"
	D) OIL FIRING PIN ASSEMBLY		4/4/01	CK
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		"	"

OP #	OPERATION NAME	READINGS			DATE	INITIAL
625	F) SAFETY ON FORCE	<u>7.5</u>	<u>7.5</u>	<u>6.2</u>	4/5/01	DA
CONT.						
	G) SAFETY OFF FORCE	<u>4.2</u>	<u>3.5</u>	<u>3.5</u>	"	"
	H) TRIGGER PULL TEST AND RETAINABILITY					
	I) FIRING PIN INDENT	<u>.023</u>	<u>.022</u>	<u>.022</u>	4/5/01	DA
	J) ASSEMBLE STOCK				4-2-01	CK
	K) ASSEMBLE SWIVEL STUDS					
	L) ATTACH FRONT AND REAR SIGHT ASSY'S					
	M) IRON SIGHT ALIGNMENT					
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER					
640	GALLERY TEST AND TARGET				4-4-01	off
	A) MALFUNCTIONS	Rough Chamber			4-4-01	off
	B) PIERCED PRIMERS				4-4-01	off
645	INSPECT FOR LIVE AMMO				4-4-01	off
655	FINAL INSPECTION A) HEADSPACE				4-5-01	see
	B) TRIGGER PULL	<u>2.66</u>	<u>2.79</u>	<u>2.68</u> <u>2.61</u> <u>2.70</u>	4/5/01	DA
	C) FUNCTION					
660	PACK				4/6/01	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. E6703497

DATE 3/29/01

TESTER DA

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.43	2.45		2.64	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.25	2.42		2.62	
PULL #3	2.49	2.34		2.62	
PULL #4	2.44	2.46		2.60	
PULL #5	2.44	2.40		2.60	
TOTAL	12.05	12.07		13.08	
AVG.	2.41	2.41		2.61	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.02		
PULL #2	3.00	3.00		
PULL #3	3.01	3.18		
PULL #4	3.00	3.14		
PULL #5	3.02	3.18		
TOTAL	15.19	15.52		
AVG.	3.03	3.10		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.24		4.05
PULL #2	4.07	4.24		4.00
PULL #3	4.02	4.28		4.00
PULL #4	4.00	4.24		3.90
PULL #5	4.01	4.20		4.00
TOTAL	20.17	21.20		19.95
AVG.	4.03	4.24		3.99

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6703497
5 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0482
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .056
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0738867

THE AMR FOR THIS RIFLE IS: .976

CENTROIDAL DISTANCES

0 TO 1	.0989545
1 TO 2	.310498
1 TO 3	.197294
1 TO 4	.274476
1 TO 5	.0923147

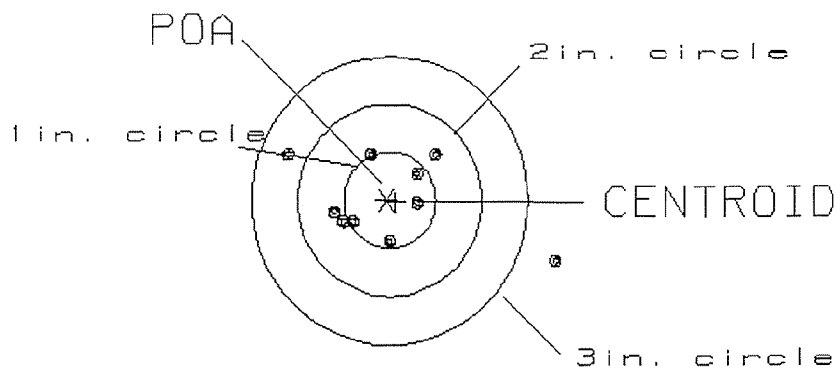
32
1/4 4 <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .099
 MIN RADIUS : .312
 MEAN RADIUS : .705
 MAX RADIUS : 1.884
 CENTROID X : -.096
 CENTROID Y : .024

5 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703497

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.88

4

VS= 1.10

6

GS= 3.05

9

PATTERN #: ☐ 2 ☐

POA TO CENTROID: .257

MIN RADIUS : .157

MEAN RADIUS : 1.006

MAX RADIUS : 1.864

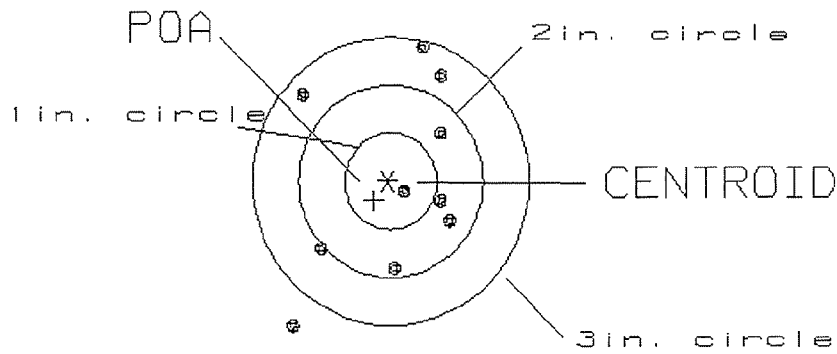
CENTROID X : .157

CENTROID Y : .204

5 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703497

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.71

1

VS= 2.95

5

GS= 3.25

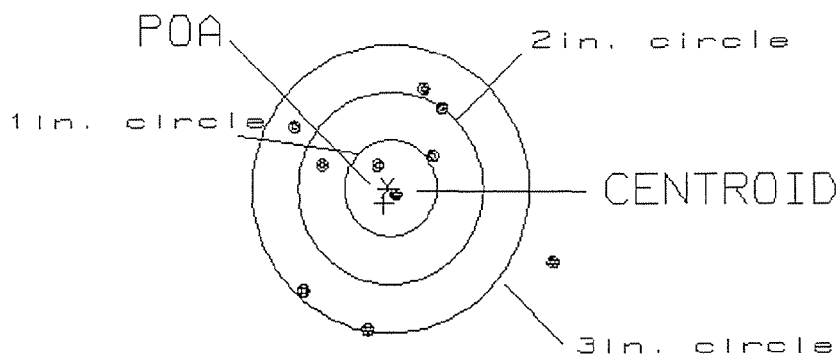
9

PATTERN #: 30
 POA TO CENTROID: .168
 MIN RADIUS : .100
 MEAN RADIUS : .987
 MAX RADIUS : 1.884
 CENTROID X : .045
 CENTROID Y : .162

5 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703497

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.71
 US= 2.50
 GS= 3.04

2
 5
 9

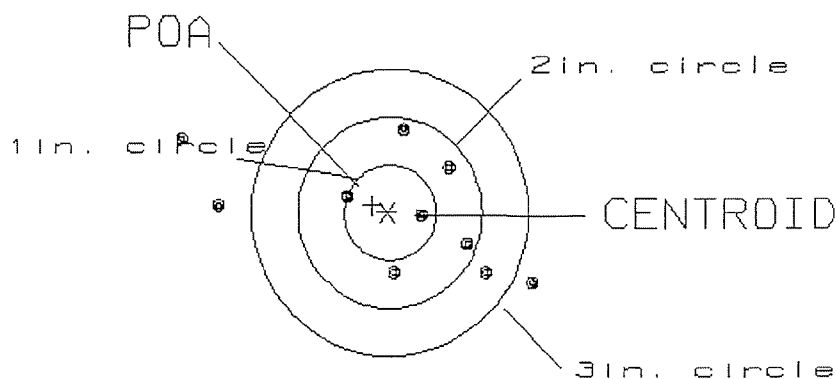
PATTERN #: 4

POA TO CENTROID: .177
 MIN RADIUS : .379
 MEAN RADIUS : 1.127
 MAX RADIUS : 2.402
 CENTROID X : .160
 CENTROID Y : -.075

5 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703497

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.79

2

VS= 1.65

6

GS= 4.06

7

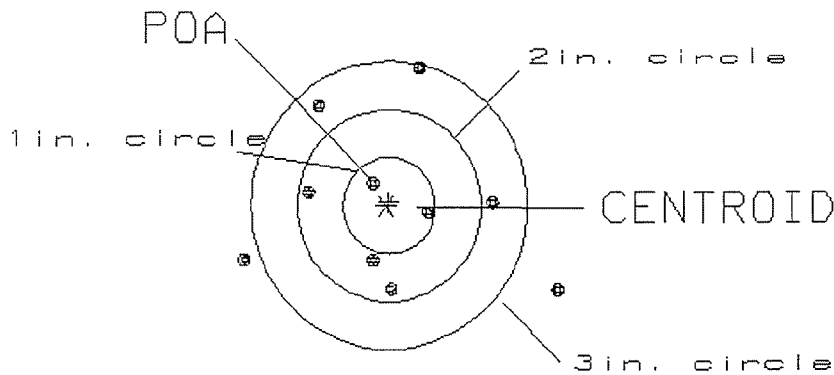
PATTERN #: 5

POA TO CENTROID: .043
 MIN RADIUS : .277
 MEAN RADIUS : 1.055
 MAX RADIUS : 2.018
 CENTROID X : -.025
 CENTROID Y : -.035

5 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703497

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.43
 VS= 2.32
 GS= 3.44

2
 5
 8