

G684 8383
Replaces

Inspected

CONFIDENTIAL

Repair Inquiry																					
Repair Number: RE00172113	Serial: E6703544 Model 700 Center Fire Caliber: 7.62 NATO M/24 SWS Produced: 04/11/2001	Repairman:																			
Verify Repair		Status:	Parked 7/30/2009 6:49:33 AM																		
Address Information																					
Customer: ☒ Received From		Return To: ☐ Received From																			
Name: FB4528 5 LRS/LGRDDC		FB4528 5 LRS/LGRDDC																			
Address 1: 341 BOMBER BLVD		341 BOMBER BLVD																			
Address 2: BLDG 527 PO Box:		BLDG 527 PO Box:																			
City: MINOT AFB		MINOT AFB																			
State: IND Zip Code: 58705 Country: US		State: IND Zip Code: 58705 Country: US																			
FFL:																					
Contact / Condition	Problems	Estimate	History / Status																		
Shipping / Billing																					
Contact Information Phone: NN Fax: Email: Comments: Received Condition Condition: Fair Notes: CSR Notes: Accessories Received <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Code</th> <th style="width: 70%;">Desc</th> <th style="width: 20%;">Qty</th> </tr> </thead> <tbody> <tr><td>A010</td><td>Hard Case</td><td>1</td></tr> <tr><td>A017</td><td>Scope Base</td><td>1</td></tr> <tr><td>A026</td><td>Scope</td><td>1</td></tr> <tr><td>A057</td><td>Fit Sgt Bases</td><td>1</td></tr> <tr><td>C000</td><td>Scope Case w/sgts</td><td>1</td></tr> </tbody> </table>				Code	Desc	Qty	A010	Hard Case	1	A017	Scope Base	1	A026	Scope	1	A057	Fit Sgt Bases	1	C000	Scope Case w/sgts	1
Code	Desc	Qty																			
A010	Hard Case	1																			
A017	Scope Base	1																			
A026	Scope	1																			
A057	Fit Sgt Bases	1																			
C000	Scope Case w/sgts	1																			
Repair Search Refresh Close																					

M2400054723

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER

172113

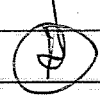
SERIAL NUMBER

~~E6703344~~

G6848383

LOG-IN DATE

7-30-09

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		8-5-09	RTZ
505	RE-BARREL		9-4-09	RTZ
420	ASSEMBLE		9-4-09	RTZ
440	PROOF	MAGNA FLUX	9-4-09	S.P.D.
460	CHECK HEADSPACE		9-4-09	S.P.D.
470	DIS-ASSEMBLE GUN		9-4-09	S.P.D.
480	MAGNAFLUX	OPERATOR 	9/10/09	
510	DRILL AND TAP		9-8-09	SP
500	ROLLMARK CALIBER		9/10/09	SP
520	GOFF BLAST BBL / REC		9/10/09	MA
530 & 540	APPLY COATINGS		9/16	
560	FINAL ASSEMBLY		9-17-09	RTZ
640	FUNCTION TEST AND	PASS FAIL	9-18-09	S.P.D.
650	TARGET	PASS FAIL	9-18-09	S.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-18-09	RP
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	9/21/09	RP
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.67 2.69 2.64 2.69 2.67 9-21-09	TL
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4° 4° 4°	
	G) SAFETY OFF FORCE	2 LBS MIN	6° 6° 6°	9/21/09 RB
	I) FIRING PIN INDENT	.020	.023 .023 .023	
690	PACK		9/24/09	Fay

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6848383.__0
FILE DATE AND TIME: 09/21/2009 08:00

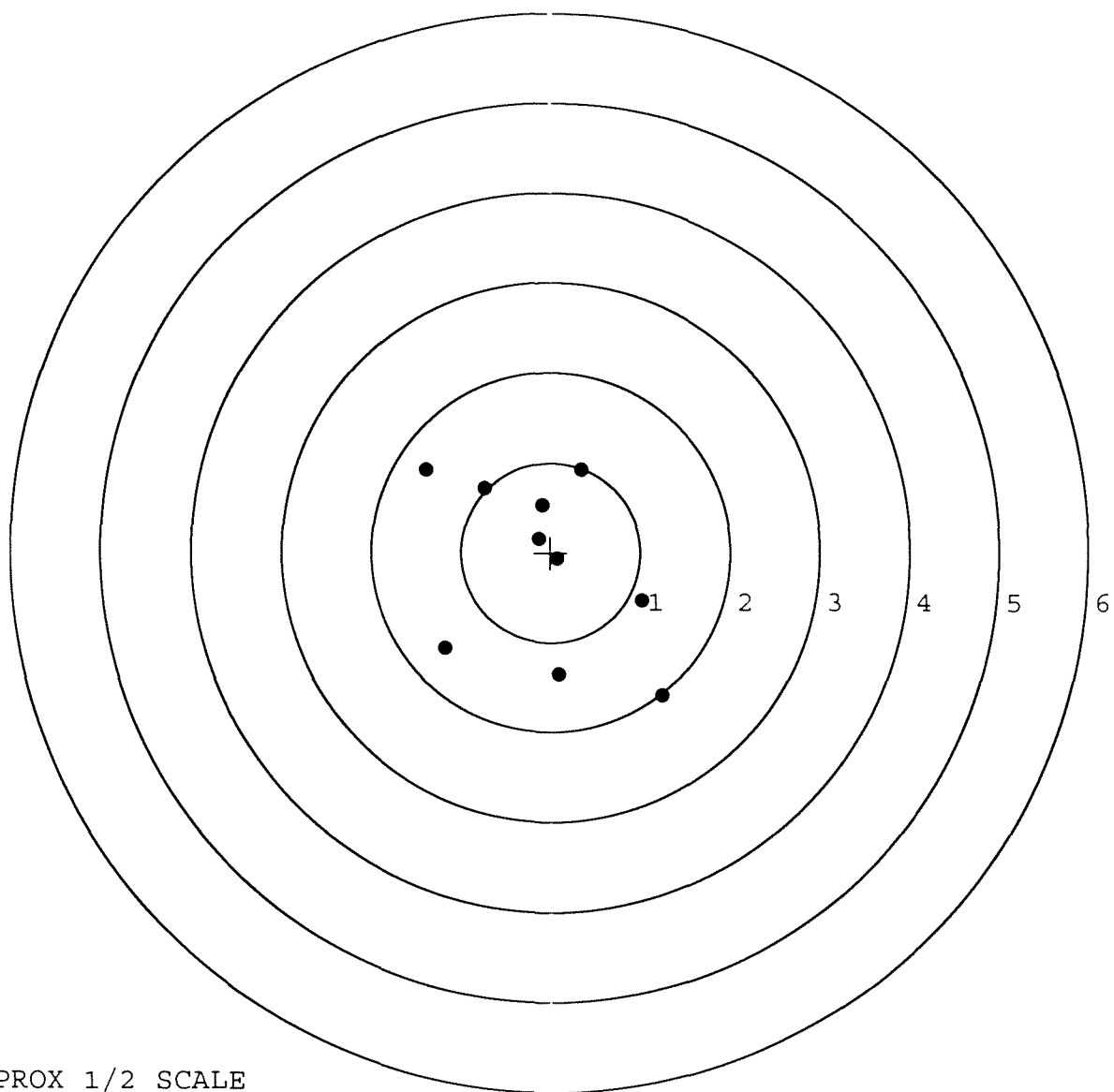
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.051
The Average Y Centroid of the Five Target Set:	-0.014
The Average Point of Impact of the Five Target Set:	0.052
The Average Mean Radius of the Five Target Set:	0.678
The Distance from POA to Centroid Target #1:	0.159
The Distance from Centroid Target #2 to Centroid Target #1:	0.076
The Distance from Centroid Target #3 to Centroid Target #1:	0.121
The Distance from Centroid Target #4 to Centroid Target #1:	0.284
The Distance from Centroid Target #5 to Centroid Target #1:	0.223

SERIAL NUMBER: G6848383. 0
TARGET NUMBER: 1
FILE DATE: 09/21/2009
FILE TIME: 08:00

	POINT#	X	Y
	1:	-1.387	0.926
	2:	-0.738	0.714
	3:	-0.095	0.528
	4:	0.341	0.922
	5:	-0.127	0.156
	6:	0.076	-0.069
	7:	-1.183	-1.070
	8:	0.087	-1.362
	9:	1.014	-0.534
	10:	1.245	-1.605

X CENTROID: -0.077
Y CENTROID: -0.139
POA TO CENTROID: 0.159
HORZ SPREAD: 2.632
VERT SPREAD: 2.531
GROUP SPREAD: 3.651
MIN RADIUS: 0.168
MAX RADIUS: 1.974
MEAN RADIUS: 1.086
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 3
in 3 IN DIAMETER: 8

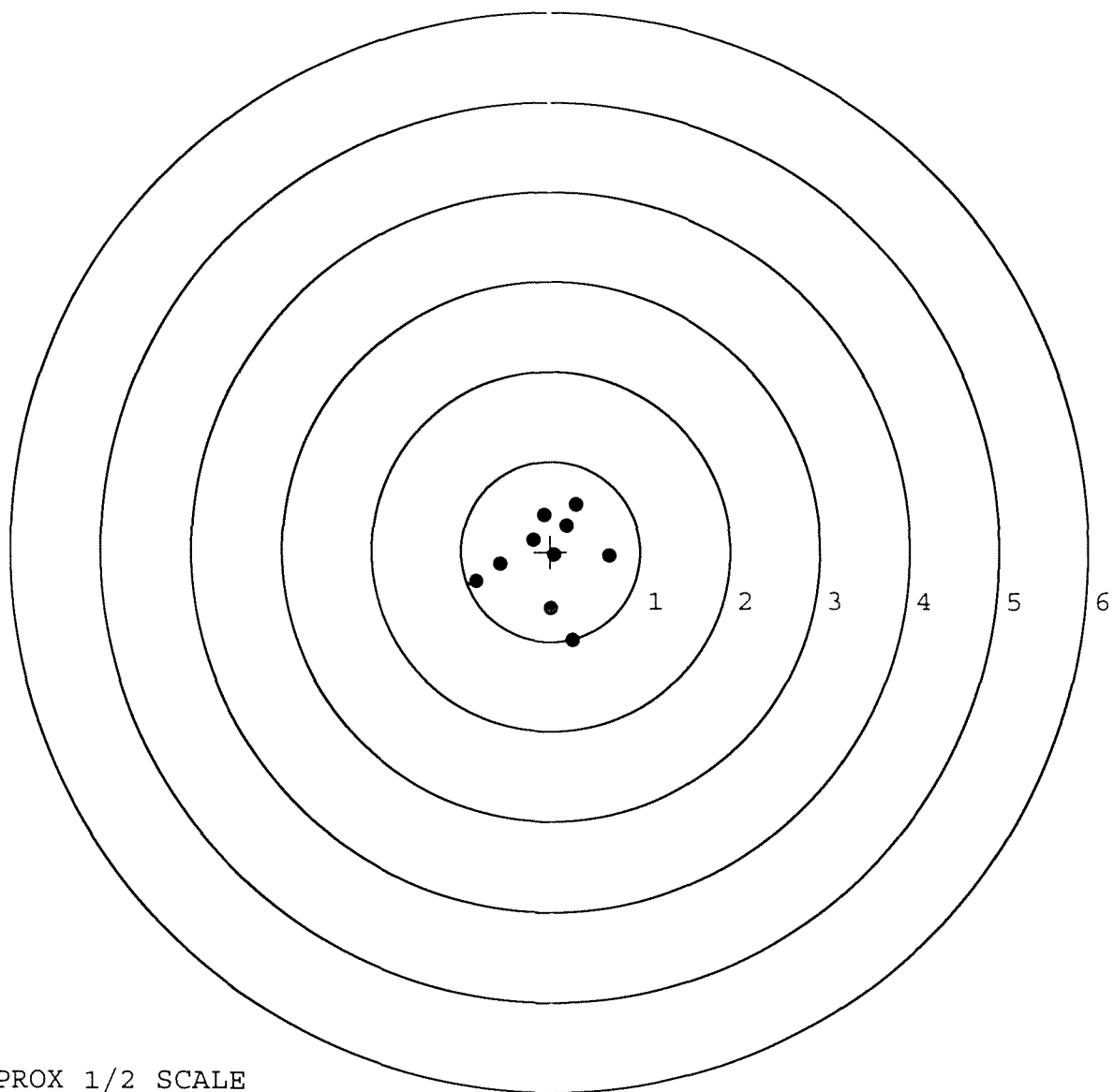


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6848383. 0
TARGET NUMBER: 2
FILE DATE: 09/21/2009
FILE TIME: 08:00

X CENTROID: -0.025
Y CENTROID: -0.083
POA TO CENTROID: 0.087
HORZ SPREAD: 1.491
VERT SPREAD: 1.511
GROUP SPREAD: 1.511
MIN RADIUS: 0.082
MAX RADIUS: 0.943
MEAN RADIUS: 0.551
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

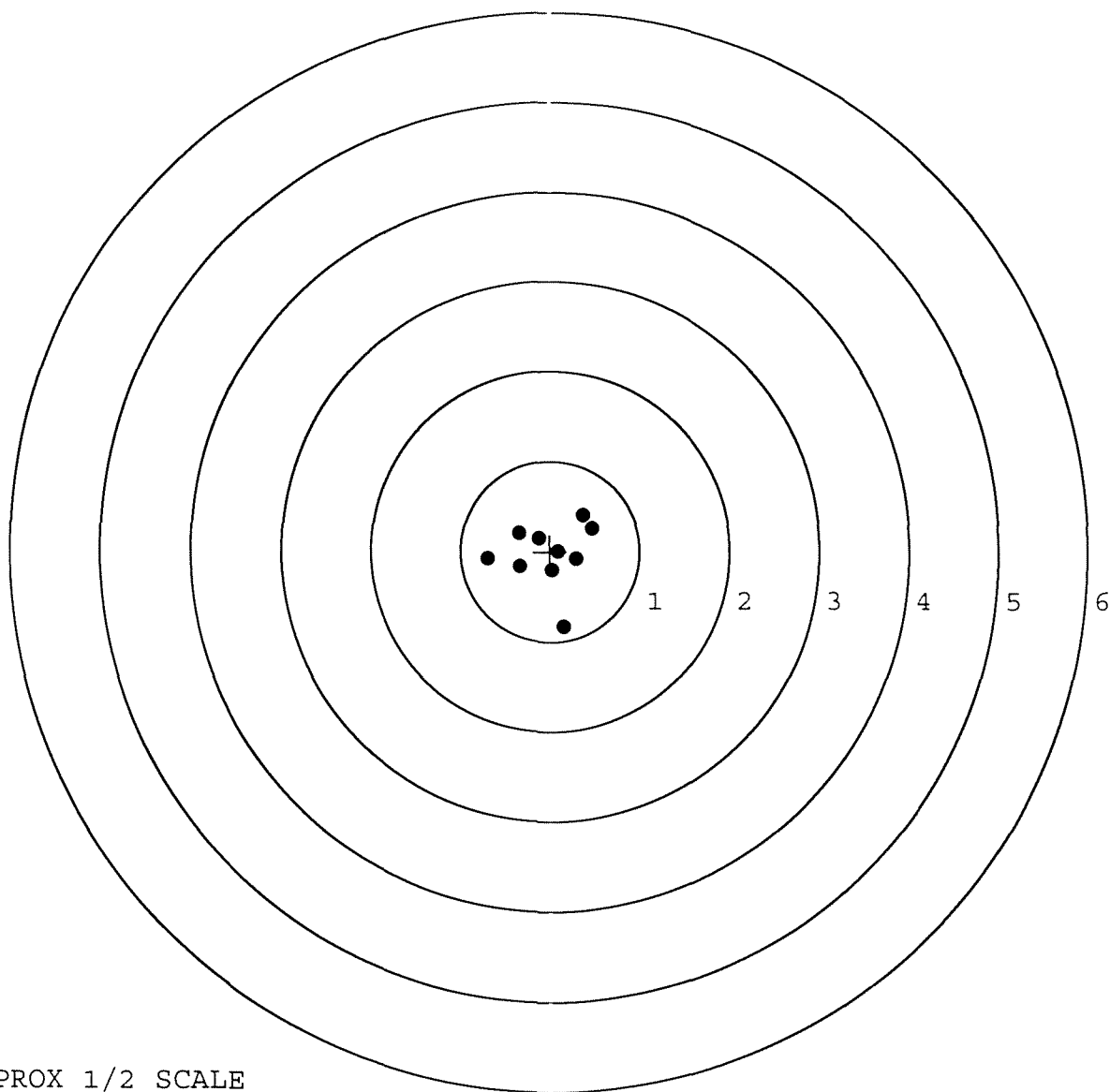
POINT#	X	Y
1:	0.280	0.524
2:	0.245	-0.987
3:	0.000	-0.629
4:	0.658	-0.047
5:	-0.833	-0.339
6:	-0.563	-0.144
7:	0.044	-0.039
8:	-0.188	0.128
9:	-0.076	0.412
10:	0.179	0.290



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6848383. 0
TARGET NUMBER: 3
FILE DATE: 09/21/2009
FILE TIME: 08:00

	POINT#	X	Y
X CENTROID:	1:	0.149	-0.834
Y CENTROID:	2:	0.473	0.256
POA TO CENTROID:	3:	0.361	0.402
HORZ SPREAD:	4:	-0.696	-0.083
VERT SPREAD:	5:	-0.335	-0.167
GROUP SPREAD:	6:	-0.343	0.201
MIN RADIUS:	7:	-0.126	0.147
MAX RADIUS:	8:	0.021	-0.212
MEAN RADIUS:	9:	0.289	-0.081
# IN 1 IN DIAMETER:	10:	0.088	-0.005
# IN 2 IN DIAMETER:			
# in 3 IN DIAMETER:			

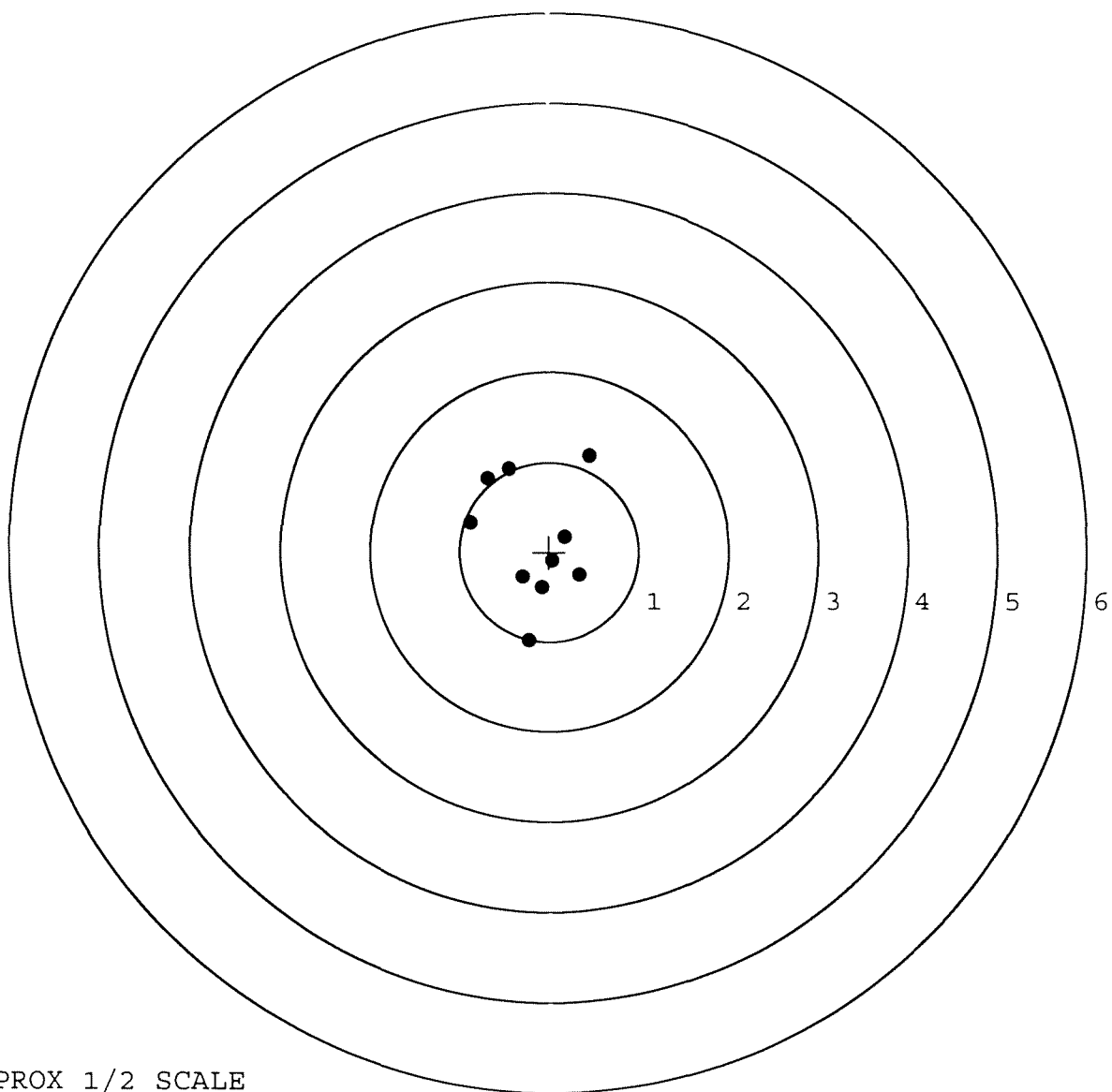


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6848383. 0
TARGET NUMBER: 4
FILE DATE: 09/21/2009
FILE TIME: 08:00

	POINT#	X	Y
	1:	0.451	1.071
	2:	-0.445	0.933
	3:	-0.681	0.823
	4:	-0.877	0.330
	5:	-0.233	-0.991
	6:	0.334	-0.255
	7:	-0.082	-0.396
	8:	-0.296	-0.276
	9:	0.039	-0.098
	10:	0.177	0.172

X CENTROID: -0.161
Y CENTROID: 0.131
POA TO CENTROID: 0.208
HORZ SPREAD: 1.328
VERT SPREAD: 2.062
GROUP SPREAD: 2.172
MIN RADIUS: 0.304
MAX RADIUS: 1.125
MEAN RADIUS: 0.694
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

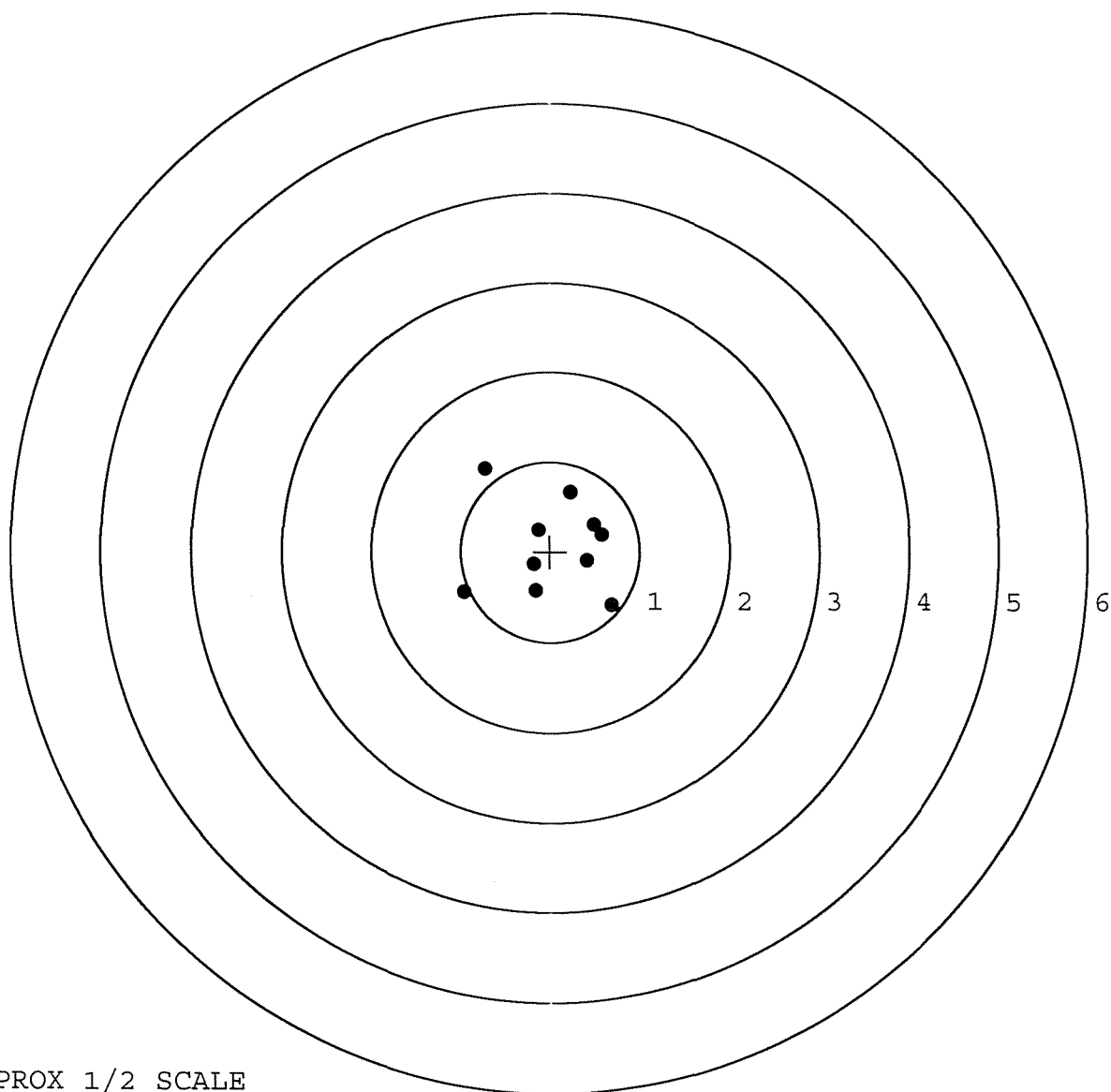


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6848383. 0
TARGET NUMBER: 5
FILE DATE: 09/21/2009
FILE TIME: 08:00

X CENTROID: 0.022
Y CENTROID: 0.060
POA TO CENTROID: 0.064
HORZ SPREAD: 1.646
VERT SPREAD: 1.515
GROUP SPREAD: 2.074
MIN RADIUS: 0.237
MAX RADIUS: 1.144
MEAN RADIUS: 0.640
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.732	0.920
2:	0.224	0.665
3:	-0.128	0.244
4:	0.491	0.306
5:	0.684	-0.595
6:	0.413	-0.102
7:	-0.962	-0.448
8:	-0.184	-0.144
9:	-0.165	-0.434
10:	0.580	0.191



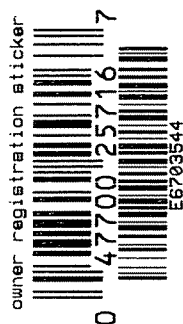
TARGET APPROX 1/2 SCALE

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

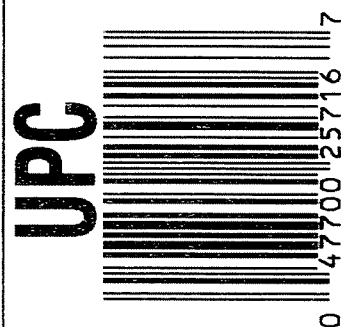


ORDER NO. 25716

BARREL LENGTH 24"

CAPACITY 6

E6703544



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
E6703544

46

ORDER NO.
25716

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



5716 E6703544

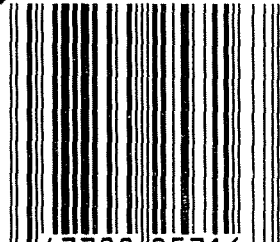
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ORDER

25716

MODEL 700TH M24

UPC



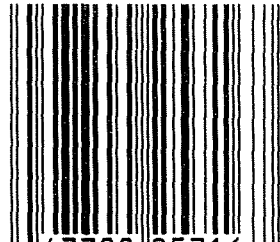
0 47700 25716 7

ORDER

25716

MODEL 700TH M24

UPC



0 47700 25716 7

SERIAL NO.



E6703544

GUN SERIAL # E6703544

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		4-3-01	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		3/22/01	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		4/7/01	CK
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE		„	„

OP #	OPERATION NAME	READINGS			DATE	INITIAL
625	F) SAFETY ON FORCE	<u>8.0</u>	<u>8.0</u>	<u>7.5</u>	4/5/01	DA
CONT.					"	"
	G) SAFETY OFF FORCE	<u>3.0</u>	<u>3.5</u>	<u>3.5</u>		
	H) TRIGGER PULL TEST AND RETAINABILITY					
	I) FIRING PIN INDENT	<u>.023</u>	<u>.021</u>	<u>.023</u>	4/5/01	DA
	J) ASSEMBLE STOCK				4-3-01	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	RL
	A) MALFUNCTIONS				4-4-01	RL
	B) PIERCED PRIMERS				4-4-01	RL
645	INSPECT FOR LIVE AMMO				4-4-01	RL
655	FINAL INSPECTION A) HEADSPACE				4-5-01	RW
	B) TRIGGER PULL	<u>2.30</u>	<u>2.30</u>	<u>2.29</u> <u>2.34</u> <u>2.34</u>	4/5/01	DA
	C) FUNCTION					
660	PACK				4/6/01	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

SERIAL NO. E6703544

DATE 2-16-01

TESTER DA

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

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.55	2.30		2.23	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.53	2.27		2.23	
PULL #3	2.28	2.29		2.26	
PULL #4	2.43	2.25		2.27	
PULL #5	2.46	2.28		2.21	
TOTAL	12.25	11.39		11.20	
AVG.	2.45	2.27		2.24	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.05		
PULL #2	3.16	3.00		
PULL #3	3.16	3.16		
PULL #4	3.16	3.10		
PULL #5	3.13	3.14		
TOTAL	15.79	15.45		
AVG.	3.15	3.09		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.30	4.14		4.32
PULL #2	4.34	4.06		4.15
PULL #3	4.31	4.22		4.00
PULL #4	4.30	4.09		4.48
PULL #5	4.30	4.22		4.00
TOTAL	21.55	20.73		20.95
AVG.	4.31	4.14		4.19

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6703544
5 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0172
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1666
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .167486

THE AMR FOR THIS RIFLE IS: 1.262

CENTROIDAL DISTANCES

0	TO	1	.340931
1	TO	2	.222407
1	TO	3	.289277
1	TO	4	.31992
1	TO	5	.186387

1
5 2 3
4+ <----POA

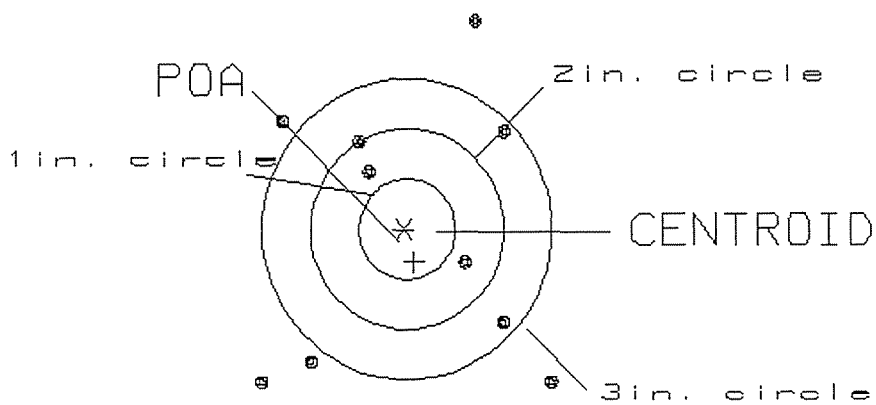
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .341
 MIN RADIUS : .724
 MEAN RADIUS : 1.508
 MAX RADIUS : 2.173
 CENTROID X : -.103
 CENTROID Y : .325

5 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703544

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.99
 VS= 3.62
 GS= 4.21

0
 2
 5

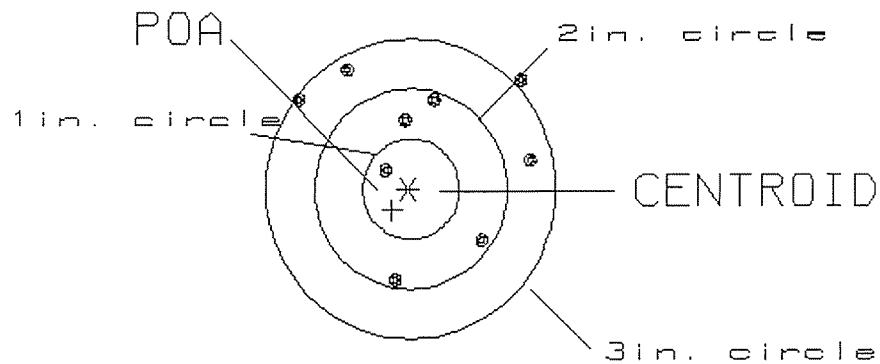
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .264
 MIN RADIUS : .325
 MEAN RADIUS : 1.340
 MAX RADIUS : 3.882
 CENTROID X : .162
 CENTROID Y : .209

5 Apr 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/E6703544.1.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.41

1

VS= 4.97

5

GS= 5.27

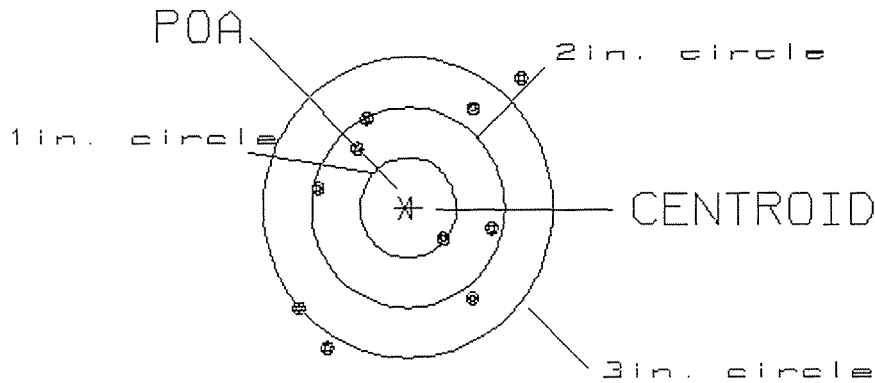
8

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .068
 MIN RADIUS : .472
 MEAN RADIUS : 1.127
 MAX RADIUS : 1.718
 CENTROID X : -.068
 CENTROID Y : .007

5 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703544.1.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.26
 VS= 2.70
 GS= 3.34

1
 5
 8

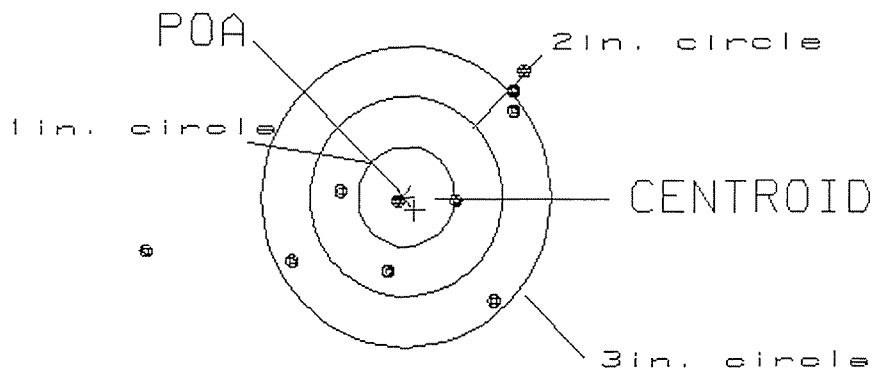
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .181
 MIN RADIUS : .091
 MEAN RADIUS : 1.216
 MAX RADIUS : 2.712
 CENTROID X : -.115
 CENTROID Y : .139

5 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6703544.1.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 3.87
 VS= 2.26
 GS= 4.27

2
 4
 7