

E 64/3625

Aims 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: RE00042321			Serial: E6413625 Model 700 CenterFire Caliber 7-62 NATO M-24 [SWS]			Repairman:																	
Verify Repair						Status:			Closed 2/26/02 7:56:09 AM														
Address Information																							
Customer ☒ Received From						Return To: ☐ Received From																	
Name: CCO SPT BN						CCO SPT BN																	
Address 1: 1ST SWTG(A)						1ST SWTG(A)																	
Address 2: 			PO Box			 			PO Box														
City: FORT BRAGG						FORT BRAGG																	
State: NC Zip Code: 28310 Country: US						NC Zip Code: 28310 Country: US																	
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐																							
Contact / Condition			Problems			Estimate			History / Status														
Contact Information			Received Condition			Accessories Received																	
Phone:			Poor:			<table border="1"><thead><tr><th>Code</th><th>Description</th><th>Qty.</th></tr></thead><tbody><tr><td>A007</td><td>With Stud</td><td align="center">3</td></tr><tr><td>A017</td><td>Scope Base</td><td align="center">1</td></tr></tbody></table>			Code	Description	Qty.	A007	With Stud	3	A017	Scope Base	1						
Code	Description	Qty.																					
A007	With Stud	3																					
A017	Scope Base	1																					
Fax:			Condition Notes:																				
Email:			CSR Notes:																				
Comments:																							
Repair Search						Refresh			Close														

nagel | 2/26/02 | 9:11 AM | CAPS | NUM | INS | SSFL

Start | [Icons] | 9:11 AM

Serial Number: _____

E6413625

Model: 700



RE00042321

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413625.___0
FILE DATE AND TIME: 03/12/2002 17:29

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.001
The Average Y Centroid of the Five Target Set:	0.100
The Average Point of Impact of the Five Target Set:	0.100
The Average Mean Radius of the Five Target Set:	0.532
The Distance from POA to Centroid Target #1:	0.066
The Distance from Centroid Target #2 to Centroid Target #1:	0.230
The Distance from Centroid Target #3 to Centroid Target #1:	0.131
The Distance from Centroid Target #4 to Centroid Target #1:	0.207
The Distance from Centroid Target #5 to Centroid Target #1:	0.174

BARBER - M24 0120818

SERIAL NUMBER: E6413625. __0

TARGET NUMBER: 1

FILE DATE: 03/12/2002

FILE TIME: 17:29

POINT#	X	Y
1:	0.093	0.408
2:	-0.299	0.558
3:	-0.207	0.418
4:	-0.344	0.253
5:	-0.613	0.187
6:	-0.245	-0.296
7:	0.154	-0.057
8:	0.449	-0.092
9:	0.230	-0.145
10:	0.438	-0.676

X CENTROID: -0.034

Y CENTROID: 0.056

POA TO CENTROID: 0.066

HORZ SPREAD: 1.062

VERT SPREAD: 1.234

GROUP SPREAD: 1.437

MIN RADIUS: 0.220

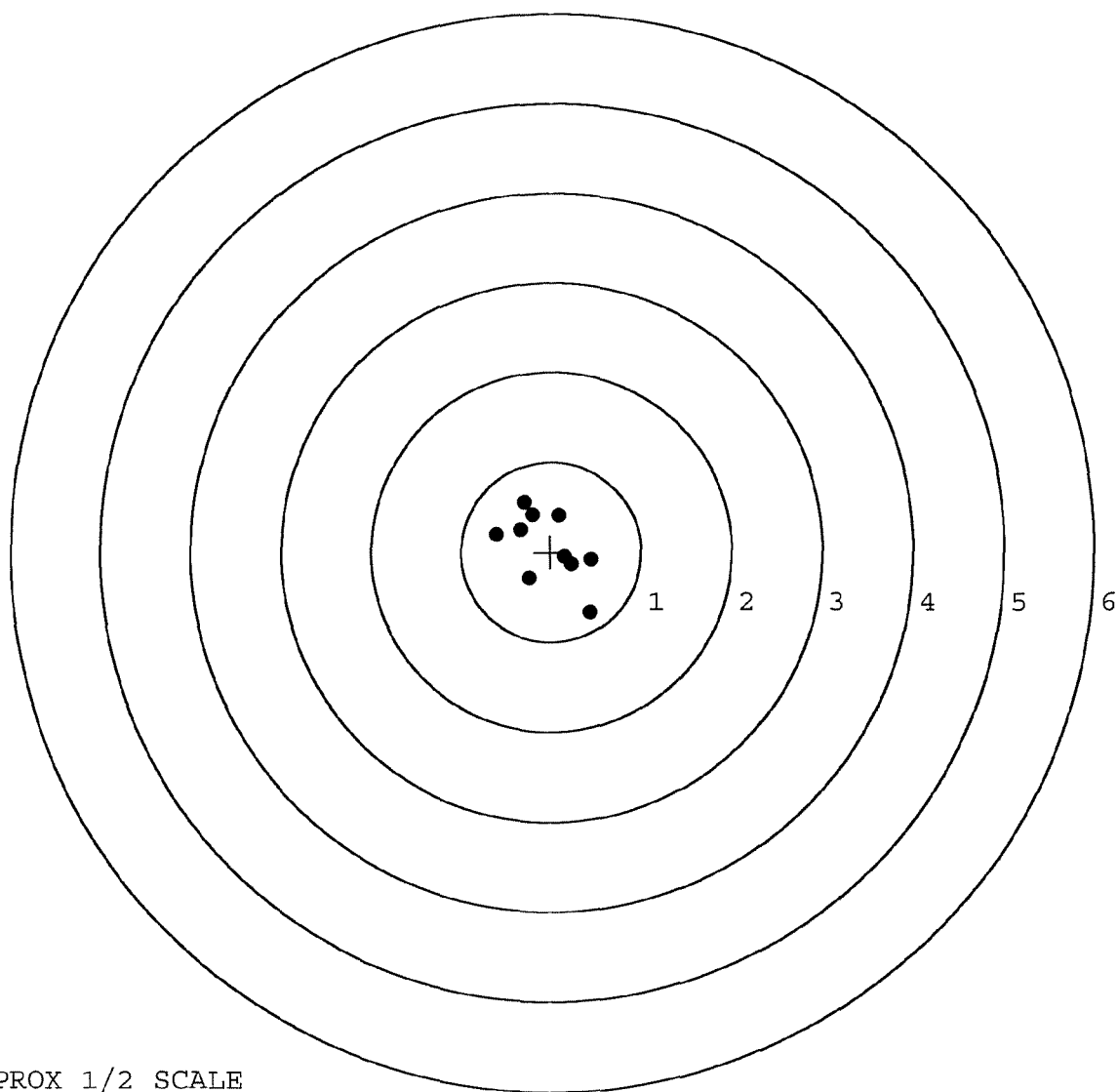
MAX RADIUS: 0.871

MEAN RADIUS: 0.464

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0120819

SERIAL NUMBER: E6413625. 0

TARGET NUMBER: 2

FILE DATE: 03/12/2002

FILE TIME: 17:29

POINT#	X	Y
1:	-1.004	1.035
2:	-0.625	0.130
3:	-0.189	0.171
4:	0.198	-0.753
5:	0.562	0.627
6:	0.523	0.539
7:	0.320	0.294
8:	0.551	0.250
9:	0.401	0.062
10:	0.245	0.080

X CENTROID: 0.098

Y CENTROID: 0.244

POA TO CENTROID: 0.263

HORZ SPREAD: 1.566

VERT SPREAD: 1.788

GROUP SPREAD: 2.154

MIN RADIUS: 0.220

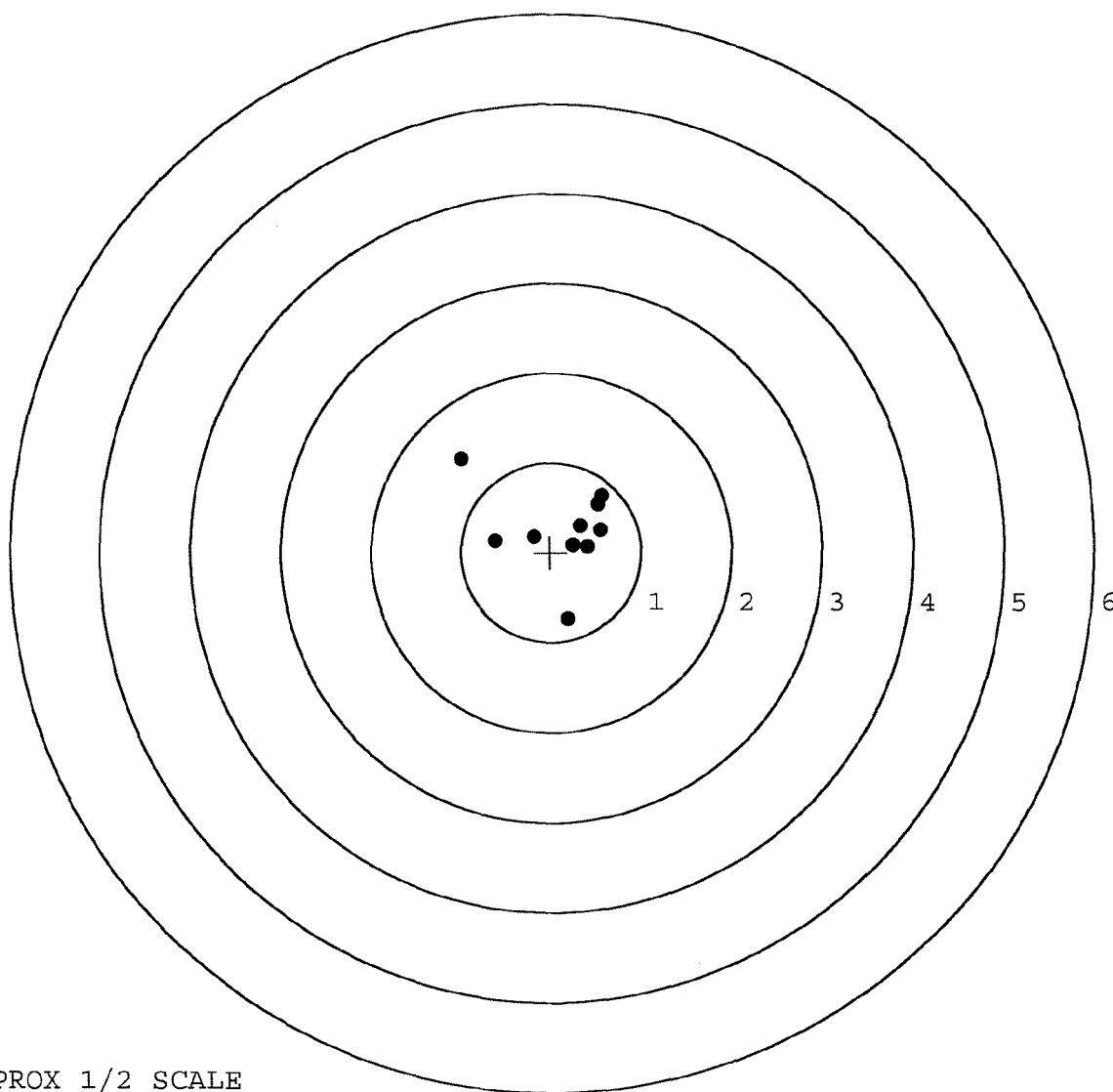
MAX RADIUS: 1.357

MEAN RADIUS: 0.576

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0120820

SERIAL NUMBER: E6413625. __0

TARGET NUMBER: 3

FILE DATE: 03/12/2002

FILE TIME: 17:29

POINT#	X	Y
1:	-0.835	1.091
2:	-0.808	0.257
3:	-0.494	-0.338
4:	0.516	-0.385
5:	0.629	-0.459
6:	0.656	-0.460
7:	0.250	0.200
8:	-0.072	-0.061
9:	-0.050	-0.334
10:	-0.197	-0.265

X CENTROID: -0.040

Y CENTROID: -0.075

POA TO CENTROID: 0.086

HORZ SPREAD: 1.491

VERT SPREAD: 1.551

GROUP SPREAD: 2.151

MIN RADIUS: 0.035

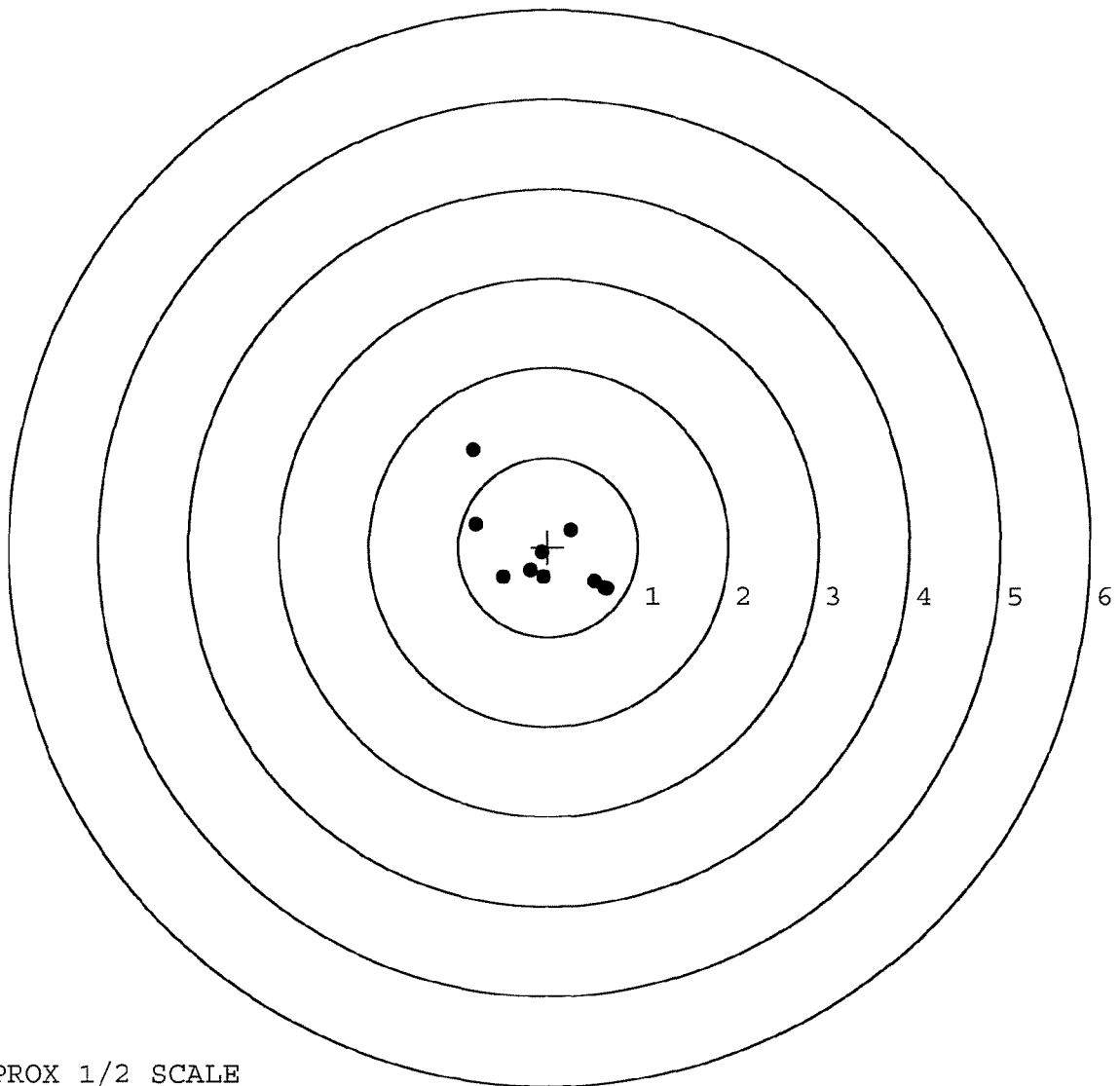
MAX RADIUS: 1.411

MEAN RADIUS: 0.592

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0120821

SERIAL NUMBER: E6413625. __0

TARGET NUMBER: 4

FILE DATE: 03/12/2002

FILE TIME: 17:29

POINT#	X	Y
1:	-0.301	0.893
2:	-0.852	0.034
3:	-0.511	0.131
4:	-0.328	0.057
5:	-0.245	0.160
6:	-0.030	0.501
7:	0.153	0.591
8:	0.185	0.409
9:	0.483	0.058
10:	-0.218	-0.685

X CENTROID: -0.166

Y CENTROID: 0.215

POA TO CENTROID: 0.272

HORZ SPREAD: 1.335

VERT SPREAD: 1.578

GROUP SPREAD: 1.580

MIN RADIUS: 0.096

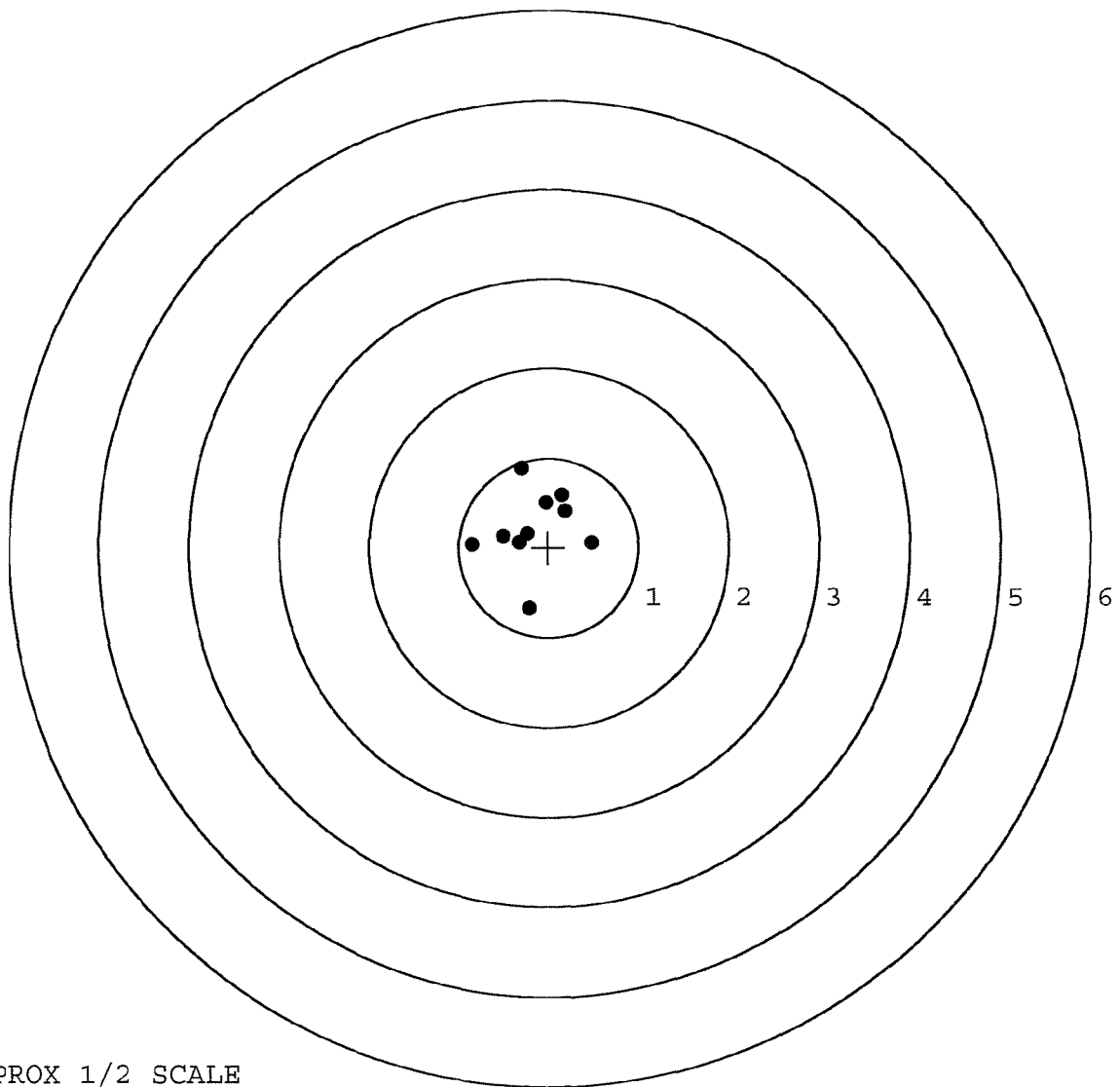
MAX RADIUS: 0.901

MEAN RADIUS: 0.486

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0120822

SERIAL NUMBER: E6413625. __ 0

TARGET NUMBER: 5

FILE DATE: 03/12/2002

FILE TIME: 17:29

POINT#	X	Y
--------	---	---

1:	0.031	0.904
----	-------	-------

2:	-0.498	0.510
----	--------	-------

3:	-0.417	0.461
----	--------	-------

4:	0.300	0.332
----	-------	-------

5:	0.252	0.070
----	-------	-------

6:	0.156	-0.173
----	-------	--------

7:	0.370	-0.013
----	-------	--------

8:	0.516	0.031
----	-------	-------

9:	0.747	-0.880
----	-------	--------

10:	-0.057	-0.645
-----	--------	--------

X CENTROID: 0.140

Y CENTROID: 0.060

POA TO CENTROID: 0.152

HORZ SPREAD: 1.245

VERT SPREAD: 1.784

GROUP SPREAD: 1.922

MIN RADIUS: 0.112

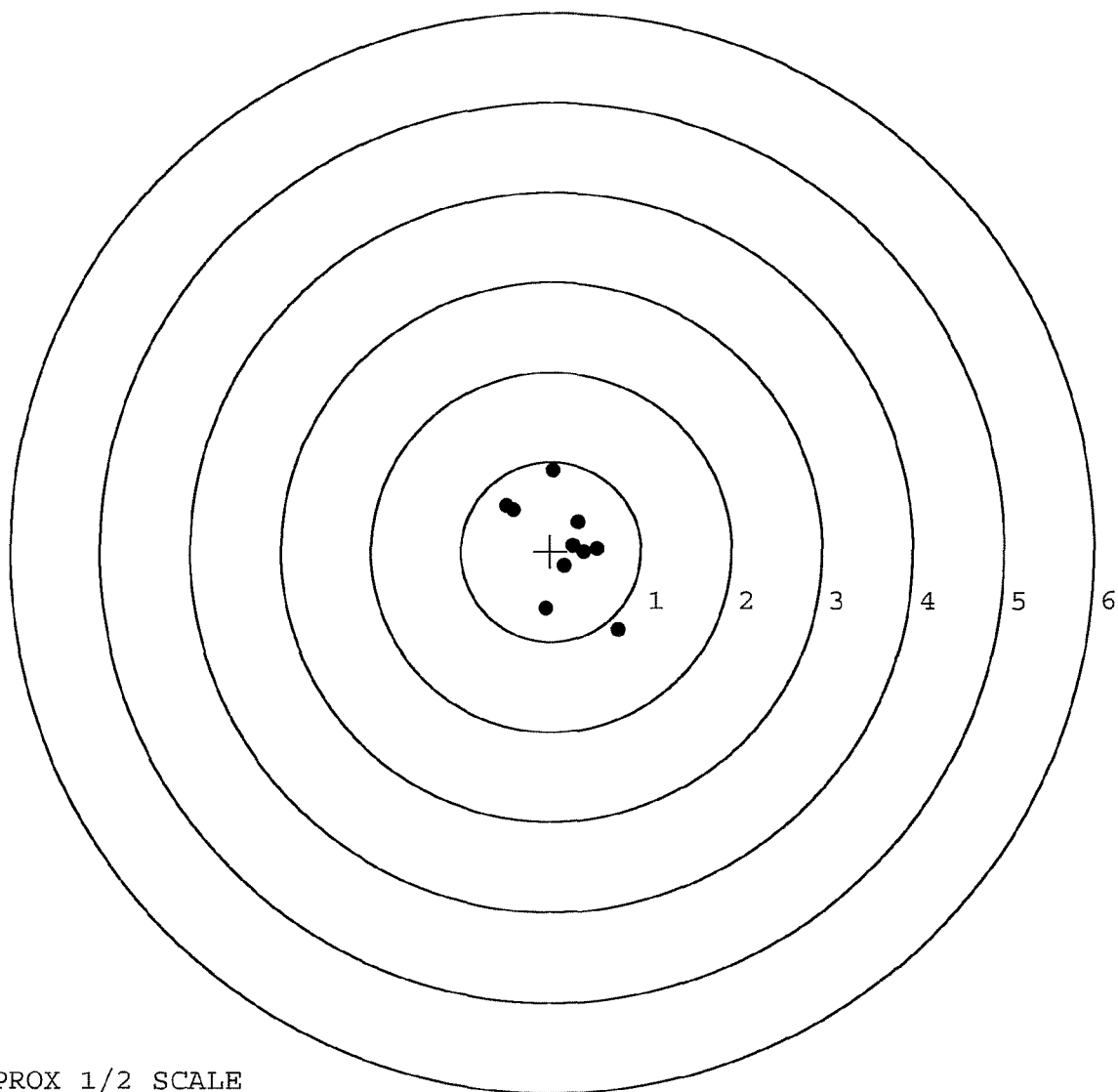
MAX RADIUS: 1.119

MEAN RADIUS: 0.545

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 42321

SERIAL NUMBER E6413625

LOG-IN DATE 2/26/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	2/26/02	RH
560 A	RE-BARREL AT CUSTOM SHOP	3/5/02	RH
B	DRILL AND TAP	3/5/02	RH
C	POLISH		
575	ASSEMBLE	3/6/02	RH
600	PROOF	3-6-02	MAGNAFLUX
605	CHECK HEADSPACE	3-6-02	INSPECTED
610	DIS-ASSEMBLE GUN	3-6-02	MAR 2002
612	MAGNAFLUX		OPERATOR AC
615	ROLLMARK CALIBER	3/7/02	TCD
618	ROTO-BLAST	3/8	Seu
620	APPLY COATINGS	3-8	TA
625 A	FINAL ASSEMBLY	3/12/02	RH
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	3-12-02	AC
655	FINAL INSPECT		
660	PACK		
		SHIP DATE	
		QAR INSPECTION DATE	

Scope S/N 87-1154

Repair Number: RE00000745		Serial: 66587648 Model: 700 Center Fire Caliber: 7.62 SWS M-24 BDF18		Repairman:
Verify Repair		EL6413625		Status: New 12/15/99 11:46:46 AM

Address Information	
Customer: ☒ Received From	Return To: ☒ Received From
Name: TRANSPORTATION OFFICER	Name: TRANSPORTATION OFFICER
Address 1: XVIII AIRBORNE CORPS AND FORT BRAGG	Address 1: XVIII AIRBORNE CORPS AND FORT BRAGG
Address 2: BUILDING J-2050 PO Box:	Address 2: BUILDING J-2050 PO Box:
City: FORT BRAGG	City: FORT BRAGG
State: NC Zip Code: 29310 US Country:	State: NC Zip Code: 29310 US Country:

Contact / Condition	Problems	Estimate	History / Status	Shipping / Billing
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Contact Information Phone: Fax: Email: Comments:	Received Condition Condition: Poor Notes: CSR Notes:	Accessories Received <table border="1"> <thead> <tr> <th>Code</th> <th>Desc</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A015</td> <td>With Extra Barrel</td> <td>2</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>Z00</td> <td></td> <td></td> </tr> </tbody> </table>	Code	Desc	Qty	A010	Hard Case	1	A015	With Extra Barrel	2	A017	Scope Base	1	A026	Scope	1	Z00		
Code	Desc	Qty																		
A010	Hard Case	1																		
A015	With Extra Barrel	2																		
A017	Scope Base	1																		
A026	Scope	1																		
Z00																				

Repair Search	Refresh	Close
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BBL
 Receiver
 Bo IT

96003
 96004
 96005

Repair Order Number



Repair Order Numbe	Description/Serial	Repairman -
RE00000745	C6587648	Date Received 12/15/1999
Account # - R-	Model 700 Center Fire Caliber: 7.62	Estimate Date
	SWS M-24 6OF18	Current Date - 12/16/1999
<u>Customer</u>		<u>Return To</u>
TRANSPORTATION OFFICER		TRANSPORTATION OFFICER
XVIII AIRBORNE CORPS ANDFORT B		XVIII AIRBORNE CORPS ANDFORT B
BUILDING J-2050		BUILDING J-2050
FORT BRAGG NC 29310		FORT BRAGG NC 29310
Phone (H)		Fax
Phone (W)		Email

Problems	
<u>Reported</u>	<u>Found</u>

<u>Material #</u>	<u>MaterialDesc</u>	<u>Repair</u>	<u>Quantity Needed</u>	<u>Quantity From</u>	<u>Quantity From</u>	<u>Warranty (Y/N)</u>
Total:						
Serial Number: C6587648						
Model ID: 700						
						

Serial Number: C6587648

Model ID: 700



RE00000745

Repairman	Proof	Clean	Test	Target	Pattern
Gallery Tester	Date	Date	Date	Date	Date

BARBER - M24 0120826

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6413625
5 Apr 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.0728$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.0706$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.101411$

THE AMR FOR THIS RIFLE IS: 1.097

CENTROIDAL DISTANCES

0 TO 1	.140186
1 TO 2	.436371
1 TO 3	.233006
1 TO 4	.138311
1 TO 5	.715867

2
4
1 <----POA
5 3

BARBER - M24 0120827

REMINGTON CENTERFIRE ACCURACY TEST

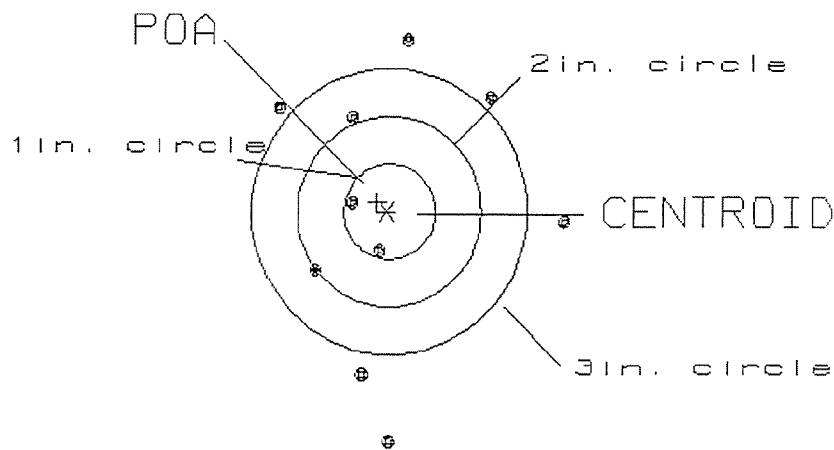
REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐

POA TO CENTROID: .141
MIN RADIUS : .405
MEAN RADIUS : 1.388
MAX RADIUS : 2.390
CENTROID X : .104
CENTROID Y : -.094

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413625

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 3.05

2

VS= 4.15

2

GS= 4.16

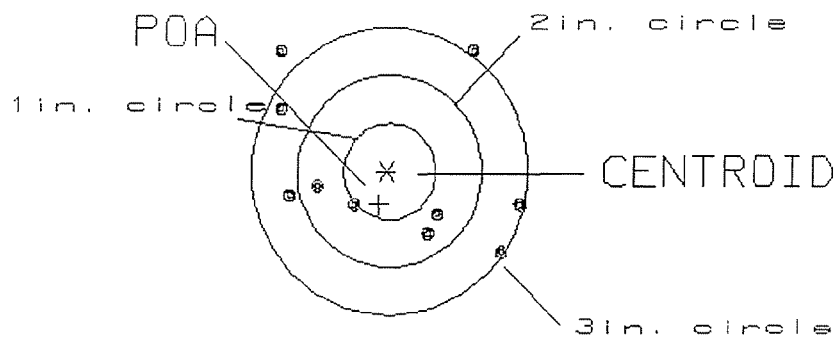
4

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .352
 MIN RADIUS : .501
 MEAN RADIUS : 1.145
 MAX RADIUS : 1.712
 CENTROID X : .086
 CENTROID Y : .342

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413625

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.63

0

VS= 2.12

4

GS= 3.21

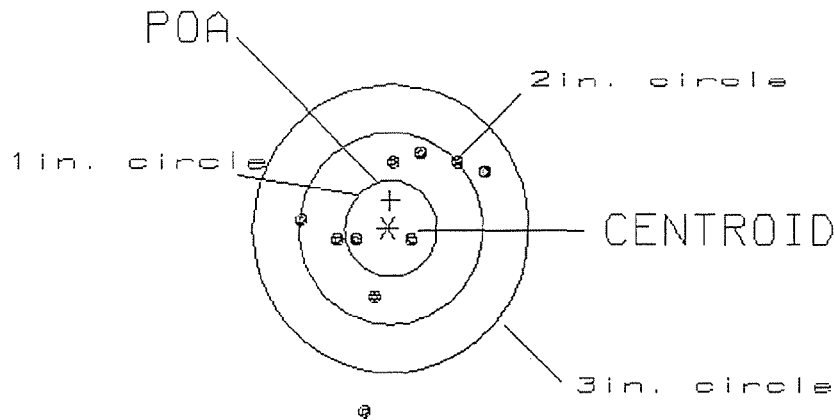
6

PATTERN #: 3
 POA TO CENTROID: .291
 MIN RADIUS : .245
 MEAN RADIUS : .859
 MAX RADIUS : 1.889
 CENTROID X : -.022
 CENTROID Y : -.290

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413625

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.07

2

VS= 2.67

6

GS= 2.76

9

BARBER - M24 0120830

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 4 ☐

POA TO CENTROID: .046

MIN RADIUS : .395

MEAN RADIUS : .987

MAX RADIUS : 1.545

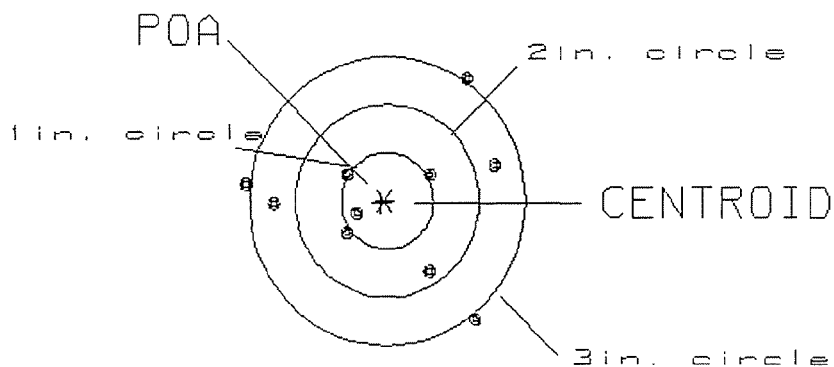
CENTROID X : .037

CENTROID Y : .027

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413625

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.66

1

US= 2.44

5

GS= 2.84

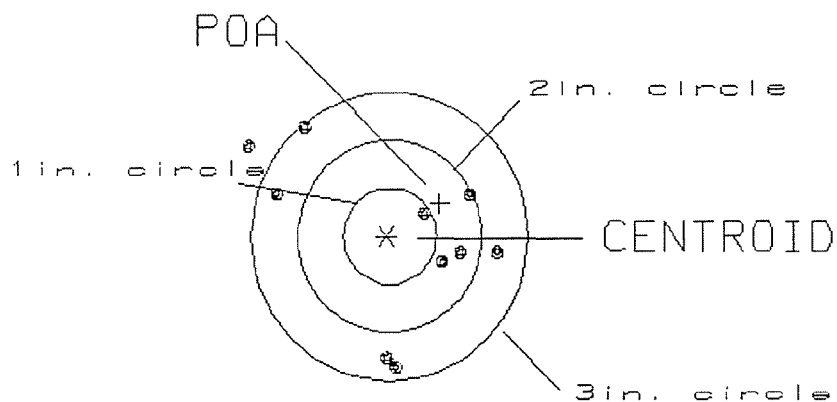
8

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .661
 MIN RADIUS : .394
 MEAN RADIUS : 1.105
 MAX RADIUS : 1.783
 CENTROID X : -.569
 CENTROID Y : -.338

4 Apr 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413625

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.69

1

VS= 2.50

4

GS= 2.91

9

Final Inspection

S#: E6413625

DATE REC'D: 12-12-99

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:

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. *E6413625*

LOG IN DATE: / /		DATE	INT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN	<i>12-24-00</i>	<i>Rw</i>
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>1-12-00</i>	<i>Rw</i>
605	CHECK HEADSPACE	<i>1-12-00</i>	<i>Rw</i>
610	DIS-ASSEMBLE		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY ON FORCE		
D	SAFETY OFF FORCE		
E	FIRING PIN INDENT		
640	TARGET	<i>4-3-00</i>	<i>Rw</i>
655	FINAL INSPECT	<i>4-10-00</i>	<i>Rw</i>
660	PACK		

QAR INSPECTION

SHIP DATE