

G 646 1733
Raph head
E 641 3460

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: **RE00101657** Serial: **E6413460** Model: **M24 SWS** Center Fire Caliber: **7.62 NATO** Repairman: Status: **Closed 9/28/2005 2:46:18 PM**

Verify Repair

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: **TRANSPORTATION DIV DFEL** **TRANSPORTATION DIV DFEL**

Address 1: **BLDG 1836** **BLDG 1836**

Address 2: **6759 MITCHELL AVE** **6759 MITCHELL AVE** PO Box: **PO Box**

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition
 Problems
 Estimate
 History / Status
 Shipping / Billing

Contact Information: Phone: **N/A** Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search
 Refresh
 Close

Inagletj 9/28/2005 3:53 PM CAPS NUM INS SCPL

start 3 4 Arms Serv 2

66461738 (New)

Serial Number: **E6413460**

Model: **M24 SWS**

RE00101657

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

3.00 LBS (plus or minus 0.75 LBS)

4.00 LBS (plus or minus 1.00 LBS)

DATE 10-24-05

TESTER R.R.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.59	2.40		2.38	
PULL #2	2.51	2.38		2.34	
PULL #3	2.38	2.32		2.35	
PULL #4	2.36	2.31		2.42	
PULL #5	2.38	2.30		2.33	
TOTAL	12.22	11.71		11.82	
AVERAGE	2.44	2.34		2.36	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.20	3.26		
PULL #2	3.17	3.19		
PULL #3	3.10	3.29		
PULL #4	3.20	3.10		
PULL #5	3.21	3.06		
TOTAL	15.88	15.90		
AVERAGE	3.17	3.18		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.05	4.06		4.05
PULL #2	3.98	4.02		4.08
PULL #3	3.90	4.04		4.00
PULL #4	3.98	4.09		4.08
PULL #5	4.01	4.09		4.10
TOTAL	19.92	20.30		20.31
AVERAGE	3.98	4.06		4.06

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6461733.___0
FILE DATE AND TIME: 10/24/2005 09:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

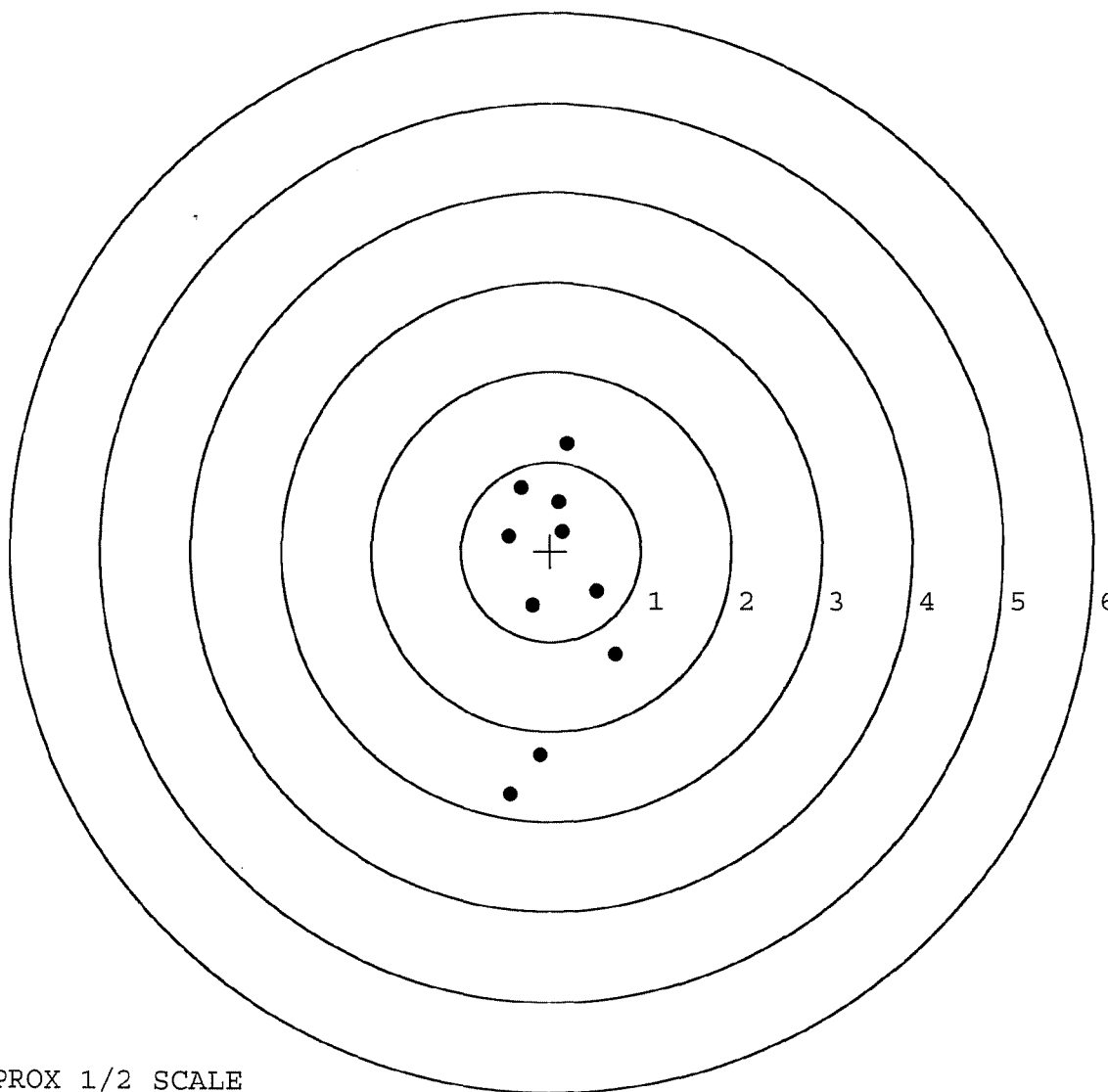
The Average X Centroid of the Five Target Set:	0.021
The Average Y Centroid of the Five Target Set:	-0.107
The Average Point of Impact of the Five Target Set:	0.109
The Average Mean Radius of the Five Target Set:	1.012
The Distance from POA to Centroid Target #1:	0.430
The Distance from Centroid Target #2 to Centroid Target #1:	0.349
The Distance from Centroid Target #3 to Centroid Target #1:	0.413
The Distance from Centroid Target #4 to Centroid Target #1:	0.518
The Distance from Centroid Target #5 to Centroid Target #1:	0.517

BARBER - M24 0155439

SERIAL NUMBER: G6461733. __0
 TARGET NUMBER: 1
 FILE DATE: 10/24/2005
 FILE TIME: 09:47

POINT#	X	Y
1:	0.720	-1.143
2:	0.510	-0.443
3:	-0.204	-0.600
4:	0.129	0.217
5:	0.087	0.553
6:	0.180	1.206
7:	-0.328	0.710
8:	-0.472	0.171
9:	-0.117	-2.270
10:	-0.445	-2.702

X CENTROID: 0.006
 Y CENTROID: -0.430
 POA TO CENTROID: 0.430
 HORZ SPREAD: 1.192
 VERT SPREAD: 3.908
 GROUP SPREAD: 3.958
 MIN RADIUS: 0.270
 MAX RADIUS: 2.316
 MEAN RADIUS: 1.119
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 7



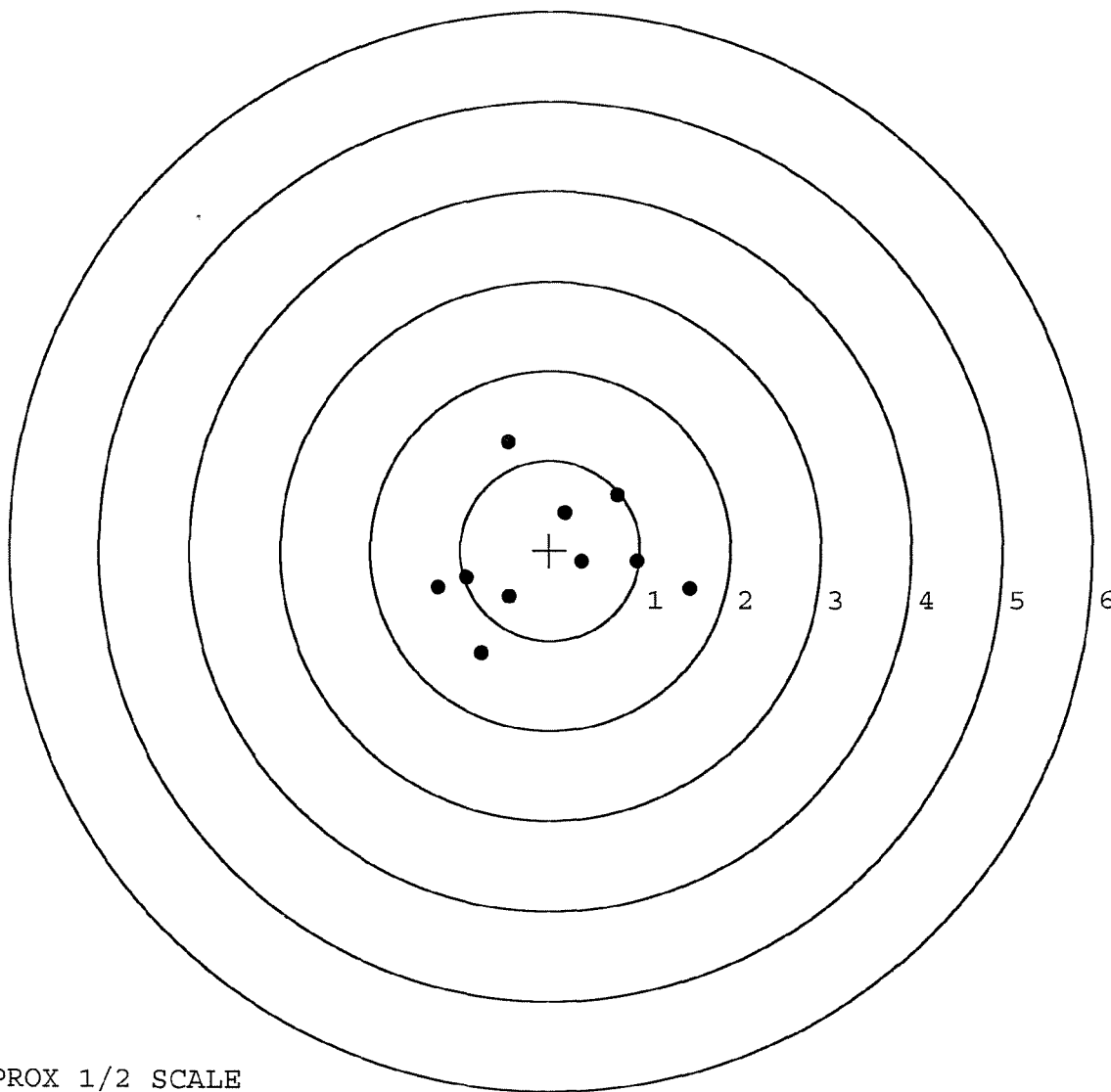
TARGET APPROX 1/2 SCALE

BARBER - M24 0155440

SERIAL NUMBER: G6461733. __0
 TARGET NUMBER: 2
 FILE DATE: 10/24/2005
 FILE TIME: 09:47

POINT#	X	Y
1:	1.549	-0.424
2:	0.968	-0.124
3:	0.357	-0.125
4:	0.753	0.617
5:	0.173	0.418
6:	-0.461	1.206
7:	-0.452	-0.518
8:	-0.929	-0.302
9:	-1.246	-0.419
10:	-0.756	-1.145

X CENTROID: -0.004
 Y CENTROID: -0.082
 POA TO CENTROID: 0.082
 HORZ SPREAD: 2.795
 VERT SPREAD: 2.351
 GROUP SPREAD: 2.795
 MIN RADIUS: 0.364
 MAX RADIUS: 1.591
 MEAN RADIUS: 1.002
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 9



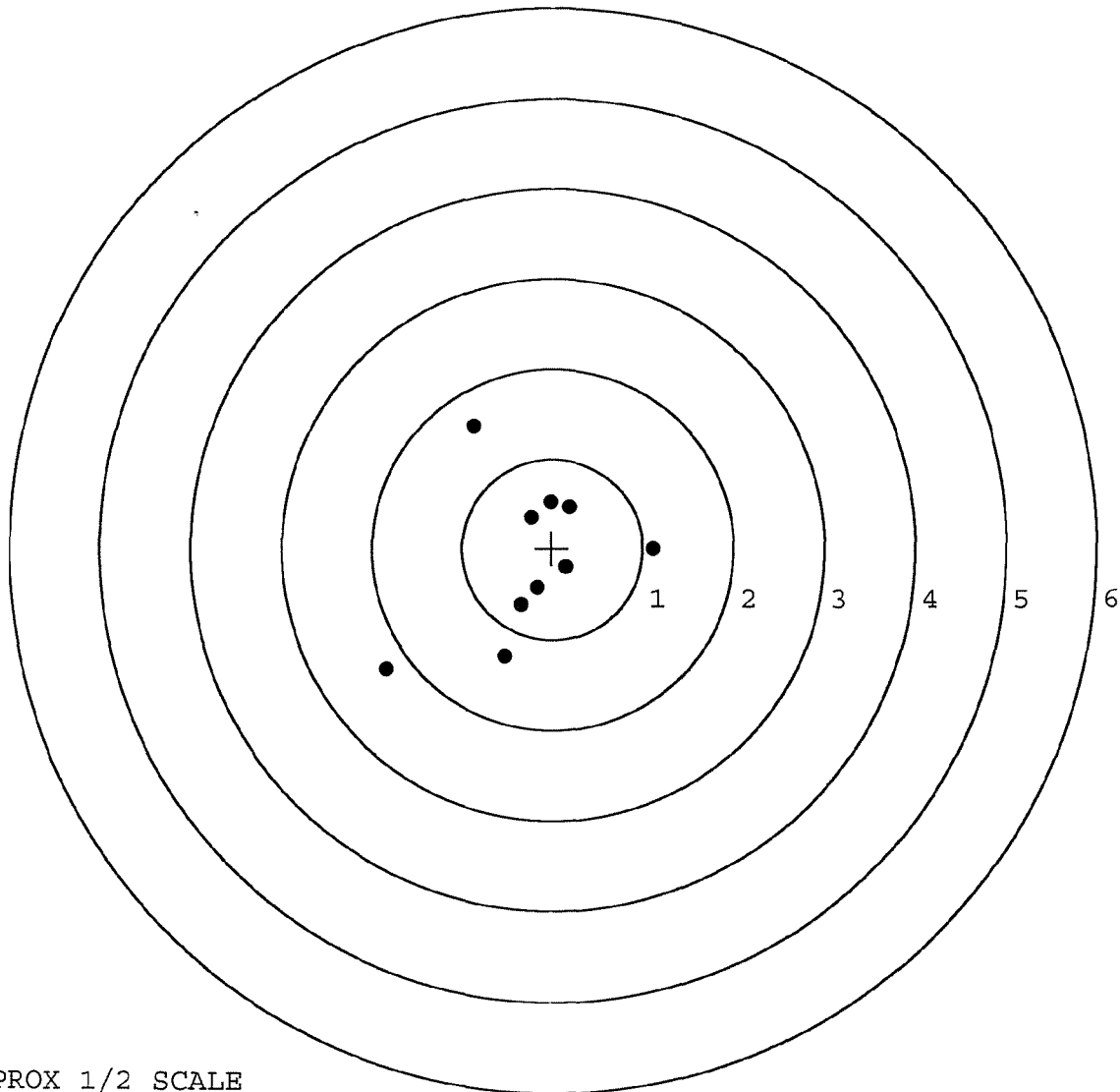
TARGET APPROX 1/2 SCALE

BARBER - M24 0155441

SERIAL NUMBER: G6461733. __0
 TARGET NUMBER: 3
 FILE DATE: 10/24/2005
 FILE TIME: 09:47

POINT#	X	Y
1:	1.118	-0.005
2:	-1.839	-1.327
3:	-0.879	1.372
4:	0.192	0.465
5:	-0.017	0.519
6:	-0.240	0.343
7:	0.156	-0.209
8:	-0.164	-0.435
9:	-0.343	-0.620
10:	-0.525	-1.191

X CENTROID: -0.254
 Y CENTROID: -0.109
 POA TO CENTROID: 0.276
 HORZ SPREAD: 2.957
 VERT SPREAD: 2.699
 GROUP SPREAD: 3.239
 MIN RADIUS: 0.338
 MAX RADIUS: 1.999
 MEAN RADIUS: 0.923
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8



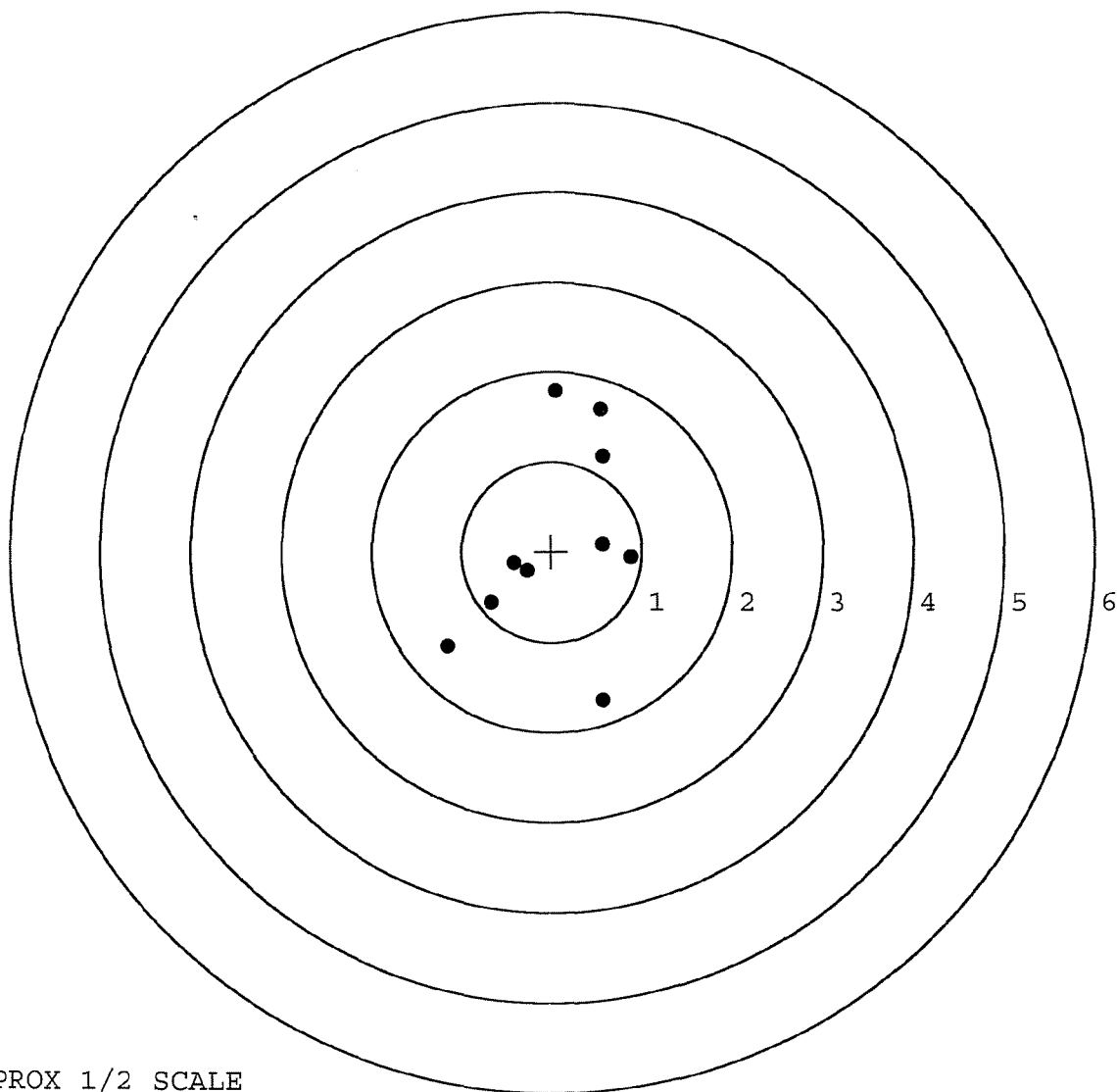
TARGET APPROX 1/2 SCALE

BARBER - M24 0155442

SERIAL NUMBER: G6461733. __0
 TARGET NUMBER: 4
 FILE DATE: 10/24/2005
 FILE TIME: 09:47

POINT#	X	Y
1:	0.574	-1.643
2:	-1.154	-1.048
3:	-0.672	-0.564
4:	-0.268	-0.217
5:	-0.416	-0.133
6:	0.880	-0.062
7:	0.568	0.081
8:	0.572	1.065
9:	0.539	1.584
10:	0.042	1.784

X CENTROID: 0.067
 Y CENTROID: 0.085
 POA TO CENTROID: 0.108
 HORZ SPREAD: 2.034
 VERT SPREAD: 3.427
 GROUP SPREAD: 3.468
 MIN RADIUS: 0.450
 MAX RADIUS: 1.801
 MEAN RADIUS: 1.113
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 5
 # in 3 IN DIAMETER: 6



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6461733. __0

TARGET NUMBER: 5

FILE DATE: 10/24/2005

FILE TIME: 09:47

POINT#	X	Y
1:	0.289	-1.777
2:	0.094	-0.927
3:	1.774	0.187
4:	-0.654	-0.358
5:	-0.141	-0.168
6:	0.173	0.212
7:	0.427	0.163
8:	0.413	0.614
9:	0.702	1.373
10:	-0.183	0.706

X CENTROID: 0.289

Y CENTROID: 0.002

POA TO CENTROID: 0.289

HORZ SPREAD: 2.428

VERT SPREAD: 3.150

GROUP SPREAD: 3.177

MIN RADIUS: 0.211

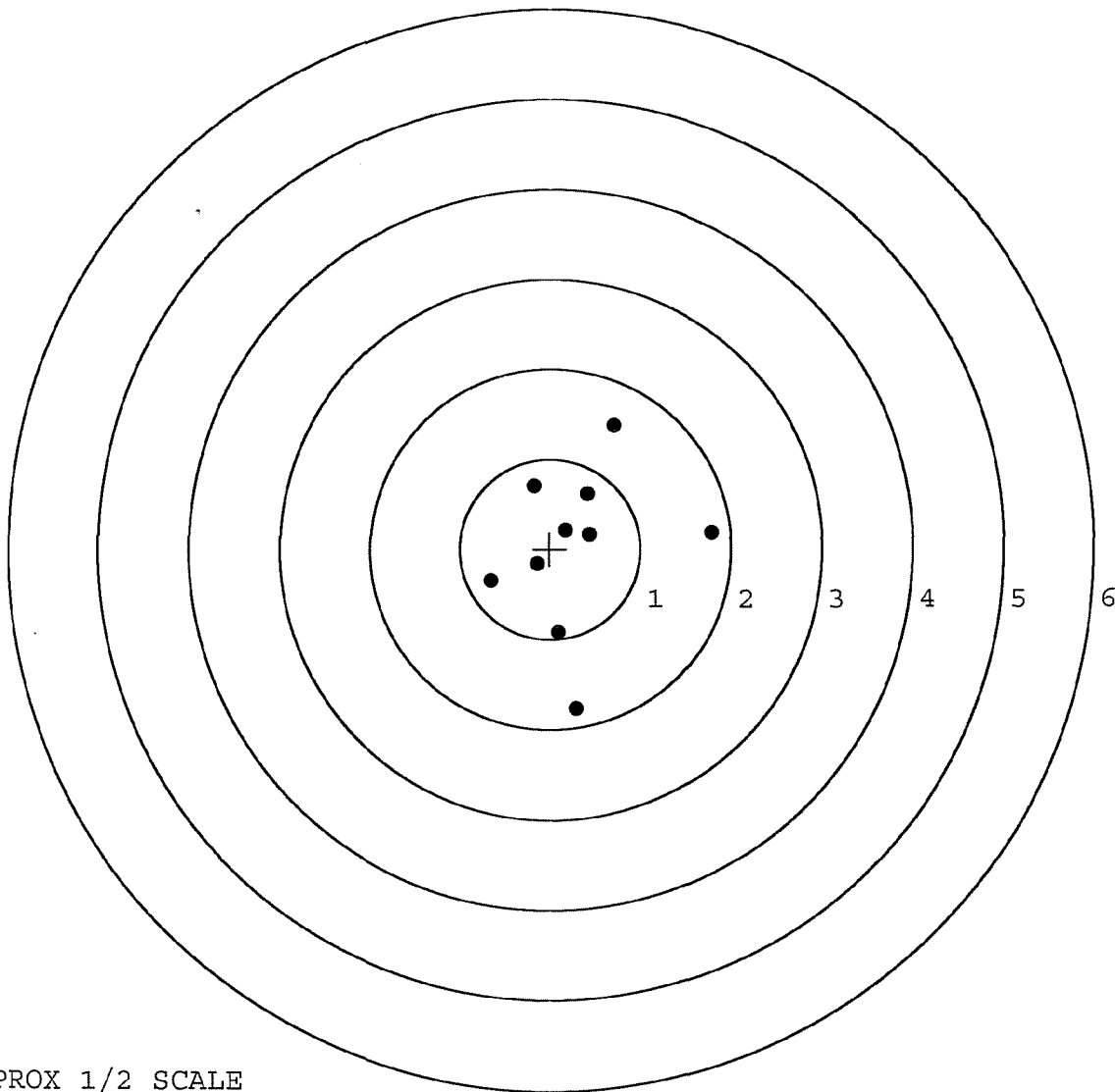
MAX RADIUS: 1.780

MEAN RADIUS: 0.905

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-D-0127

R & E NUMBER	101657		
SERIAL NUMBER	E6413460 E6461738 E6461738 (New) G6461733		
LOG-IN DATE	9-28-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIALS
550	DIS-ASSEMBLE GUN	9-29-05	RTL
560 A	RE-BARREL	9-29-05	RTL
B	DRILL AND TAP	10-4-05	B.R.
575	ASSEMBLE	9-29-05	RTL
600	PROOF MAGNA-FLUX INSPECTED	10-3-05	ETL
605	CHECK HEADSPACE	10-3-05	ETL
610	DIS-ASSEMBLE GUN	10-3-05	RTL
612	MAGNAFLUX OPERATOR WMS	10-14-05	WMS
615	ROLLMARK CALIBER	10-4-05	CW
618	ROTO-BLAST	10-6-05	LB
620	APPLY COATINGS	10-21-05	WT
625 A	FINAL ASSEMBLY	10-24-05	RTL
B	TRIGGER PULL TEST	10-27-05	BC
C	SAFETY "ON" FORCE	10-27-05	BC
D	SAFETY "OFF" FORCE	10-27-05	BC
E	FIRING PIN INDENT	10-27-05	BC
640	TARGET	10-24-05	TRW
655	FINAL INSPECT	10-27-05	BC
660	PACK	10-28-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

NMP COPY 2

BARBER - M24 0155446

Repair Inquiry

Repair Number: RE00054293

Serial: E6413460 Model: 700 Center Fire Caliber: 7.62 NATO M-24 (SWS)

Repairman:

Verify Repair

Status:

Closed 10/21/2002 1:22:23 PM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SUPPLY SERVICES DIVISION

SUPPLY SERVICES DIVISION

Address 1: WHSE 224

WHSE 224

Address 2: PO Box:

PO Box:

City: FORT BENNING

FORT BENNING

State: GA Zip Code: 31905

Country: US

State: GA Zip Code: 31905

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Poor

Condition: REC'D IN SAME HARD CASE
Notes: AS SER# E6349012

CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
X	FRT & REAR SGT BA	1

Repair Search

Refresh

Close

naglej

10/21/2002

2:33 PM

CAPS

NUM

INS

SCRL



Serial Number: E6413460

Model: 700



RE00054293

R & E NUMBER	54293		
SERIAL NUMBER	E6413460		
LOG-IN DATE	10/21/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10/24/02	RL
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE	Repair	
600	PROOF		
605	CHECK HEADSPACE	Stock	
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX	Clean	
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY	10/24/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	11-6-02	RL
655	FINAL INSPECT	11-6-02	RW
660	PACK	11-12-02	DA
		SHIP DATE	
	QAR INSPECTION DATE		

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: **RE00028680** Serial: **E6374546** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SWS)** Repairman: Status: **Closed 6/18/01 1:05:25 PM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☒ Received From

Name: **DFEL STORAGE SECTION** **DFEL STORAGE SECTION**

Address 1: **BLDG 490** **BLDG 490**

Address 2: PO Box: PO Box:

City: **FORT BENNING** **FORT BENNING**

State: **GA** Zip Code: **31905** Country: **US** State: **GA** Zip Code: **31905** Country: **US**

FEL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Condition: **Poor**

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	1
A008	With Swivel	1
A010	Hard Case	1
A026	Scope	1

Repair Search Refresh Close

naglet 6/18/01 2:33 PM CAPS NUM NS SCPI

Start Inbo Arm Mic Anna Part Free Lab SAP 2:33 PM

Serial Number: **E6374546**

Model: **700**



RE00028680

E6413460

BARBER - M24 0155449

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # e6413460
11 Jul 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1784
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.105
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .207006

THE AMR FOR THIS RIFLE IS: 1.005

CENTROIDAL DISTANCES

0 TO	1	.372787
1 TO	2	.380928
1 TO	3	.354006
1 TO	4	.163713
1 TO	5	.485239

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

BARBER - M24 0155450

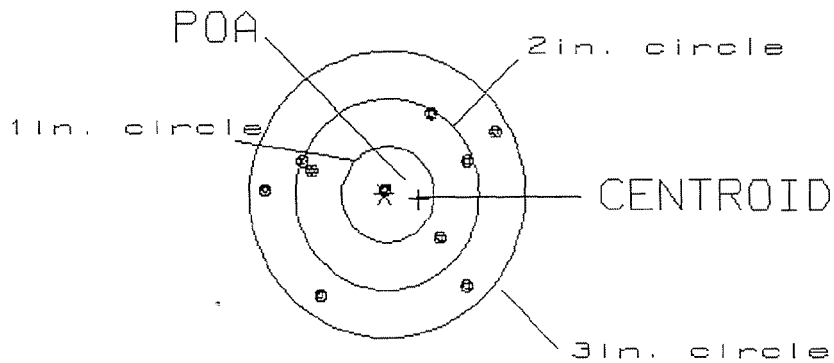
REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: ☐ 1 ☐
POA TO CENTROID: .372
MIN RADIUS : .011
MEAN RADIUS : .982
MAX RADIUS : 1.352
CENTROID X : -.369
CENTROID Y : .053

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413450

CENTERFIRE PATTERN # 1

OF SHOTS= 10

IN CIRCLE

HS= 2.51

1

VS= 1.89

5

GS= 2.59

10

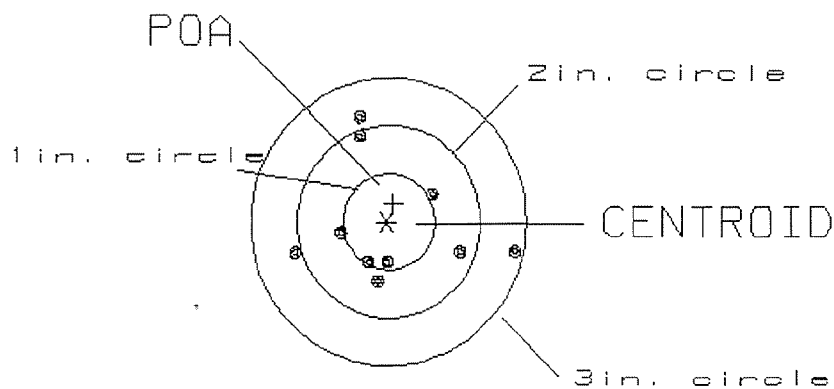
PATTERN #: 2

POA TO CENTROID: .202
 MIN RADIUS : .363
 MEAN RADIUS : .795
 MAX RADIUS : 1.372
 CENTROID X : -.074
 CENTROID Y : -.188

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413460

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.33

2

VS= 1.72

7

GS= 2.33

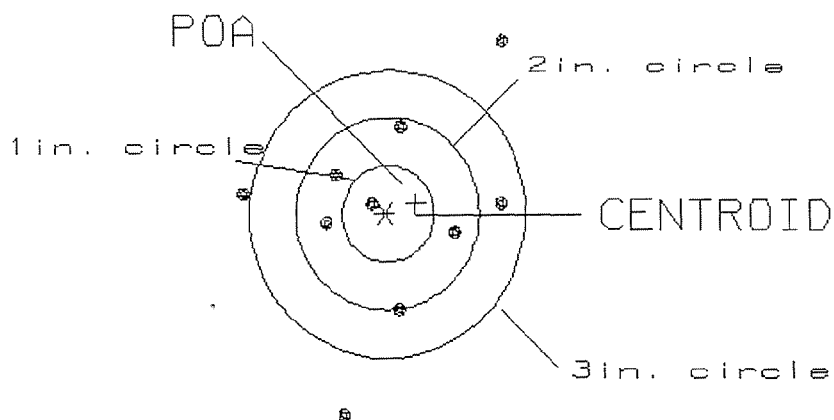
10

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .347
 MIN RADIUS : .149
 MEAN RADIUS : 1.131
 MAX RADIUS : 2.194
 CENTROID X : -.330
 CENTROID Y : -.106

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413460

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.73

1

VS= 3.91

5

GS= 4.26

7

BARBER - M24 0155453

REMINGTON CENTERFIRE ACCURACY TEST

REMINGTON TEST LAB, ILION, N.Y.

PATTERN #: 5

POA TO CENTROID: .113

MIN RADIUS : .427

MEAN RADIUS : 1.106

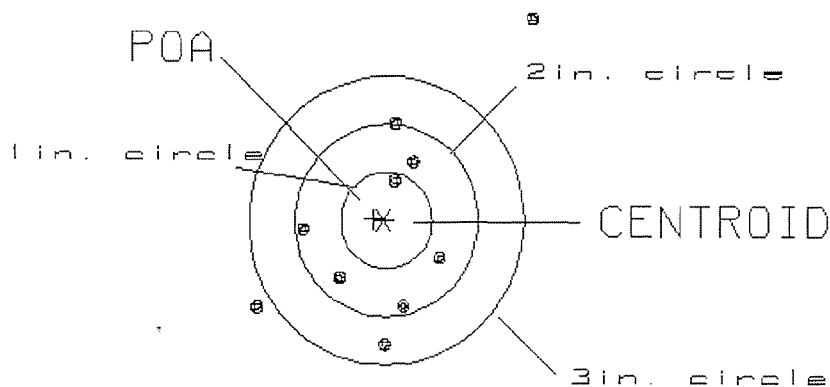
MAX RADIUS : 2.607

CENTROID X : .112

CENTROID Y : -.011

11 Jul 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/e6413460

CENTERFIRE PATTERN # 5

OF SHOTS= 10

IN CIRCLE

HS= 2.94

1

VS= 3.33

6

GS= 4.21

3

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. E6413460DATE 5/23/01TESTER RHL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	228	232	247	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	225	227	229	
PULL #3	227	231	232	
PULL #4	226	224	243	
PULL #5	229	229	232	
TOTAL	1135	1143	1183	
AVG.	227	228	236	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	315	317	
PULL #2	310	309	
PULL #3	314	312	
PULL #4	317	304	
PULL #5	315	314	
TOTAL	1571	1556	
AVG.	314	311	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.19		423
PULL #2	4.23	4.29		4.07
PULL #3	4.24	4.19		4.04
PULL #4	4.11	4.24		4.14
PULL #5	4.14	4.14		4.07
TOTAL	2077	2105		2055
AVG.	415	421		411