

C6225399

MODEL 700™ M24

Model **S&S**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

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: **RE00169257** Serial: **C6225399** Model **M24 SWS** Center Fire Repairman: _____
 Verify Repair: _____ Caliber: **7.62 NATO** Status: **Closed 6/8/2009 11:24 34 AM**

Address Information

Customer: ☒ Received From Return To: ☐ Received From
 Name: **B CO 2/7** **B CO 2/7**
 Address 1: **SFG (A)** **SFG (A)**
 Address 2: _____ PO Box: _____
 City: **FORT BRAGG** **FORT BRAGG**
 State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** 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
A010	Hard Case	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search **Refresh** **Close**

inaglet 6/8/2009 12:04 PM CAPS NUM INS SCRL

Ustart 4 Microsoft... 3 Microsoft... Exotic Mail... Arms Services... 3 SAP Logon... Part Search b... 12:04 PM

Serial Number: **C6225399**

Model: **M24 SWS**



RE00169257

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

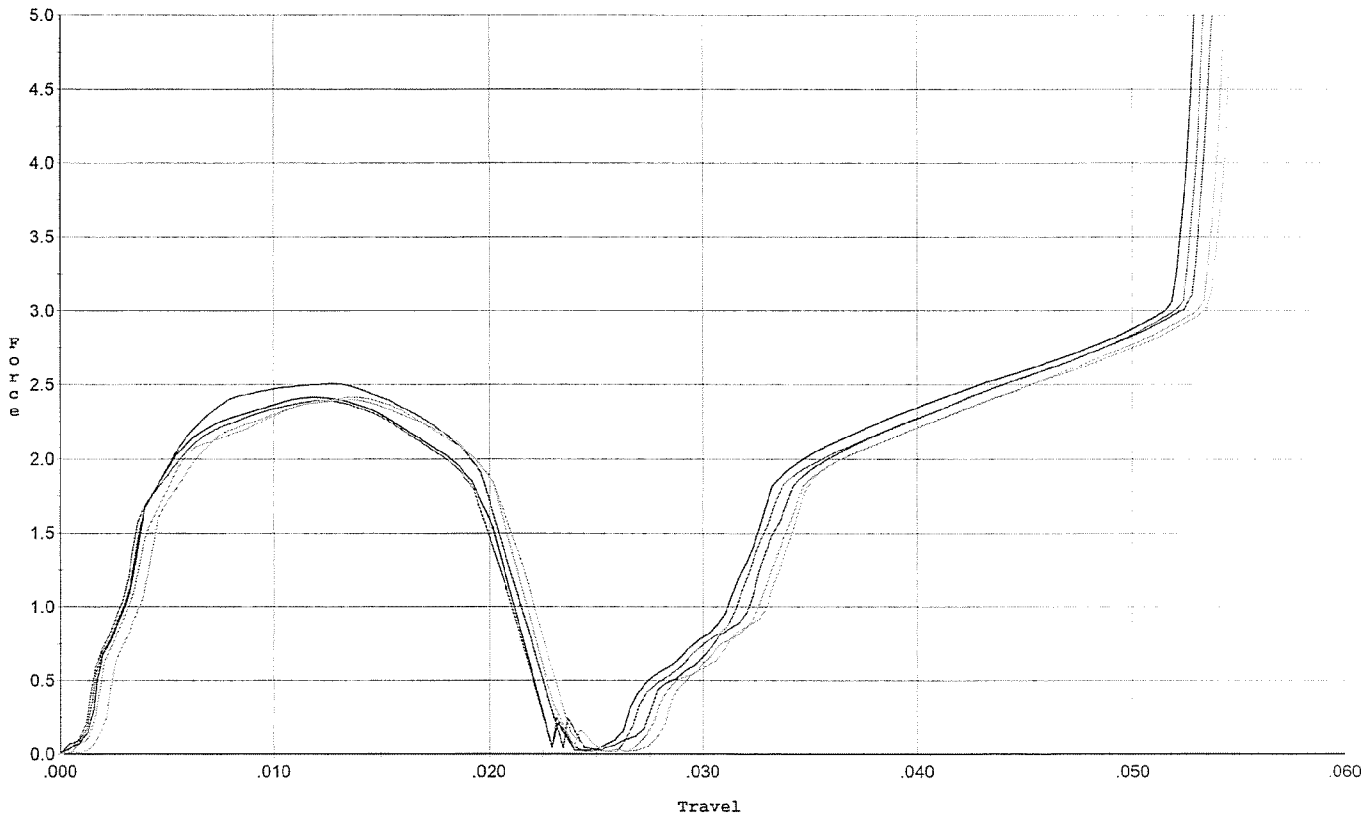
OPERATION #	OPERATION NAME	DATE	INITIAL
R & E NUMBER	169257		
SERIAL NUMBER	C60225399		
LOG-IN DATE	6-8-09		
500	DIS-ASSEMBLE GUN	6-8-09	RJL
505	RE-BARREL	6-11-09	RJL
420	ASSEMBLE	6-11-09	RJL
440	PROOF	6-11-09	RJL
460	CHECK HEADSPACE	6-11-09	RJL
470	DIS-ASSEMBLE GUN	6-11-09	RJL
480	MAGNAFLUX	6-13-09	
510	DRILL AND TAP	6-12-09	SP
500	ROLLMARK CALIBER	6-16-09	RT
520	GOFF BLAST BBL / REC	6-16-09	RT
530 & 540	APPLY COATINGS	6-17-09	
560	FINAL ASSEMBLY	6-18-09	RJL
640	FUNCTION TEST AND	6-22-09	RB
650	TARGET	6-22-09	RB
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS	6-23-09
	B) TRIGGER PULL	255 250 258 260 257	6-22-09
680	F) SAFETY ON FORCE	40 40 40	6-23-09
	G) SAFETY OFF FORCE	60 60 60	6-23-09
	I) FIRING PIN INDENT	.022 .021 .022	6-23-09
690	PACK		6-23-09

F006 REV 1/2009

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 6/1/09

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. ini. +/- .50 lbs.



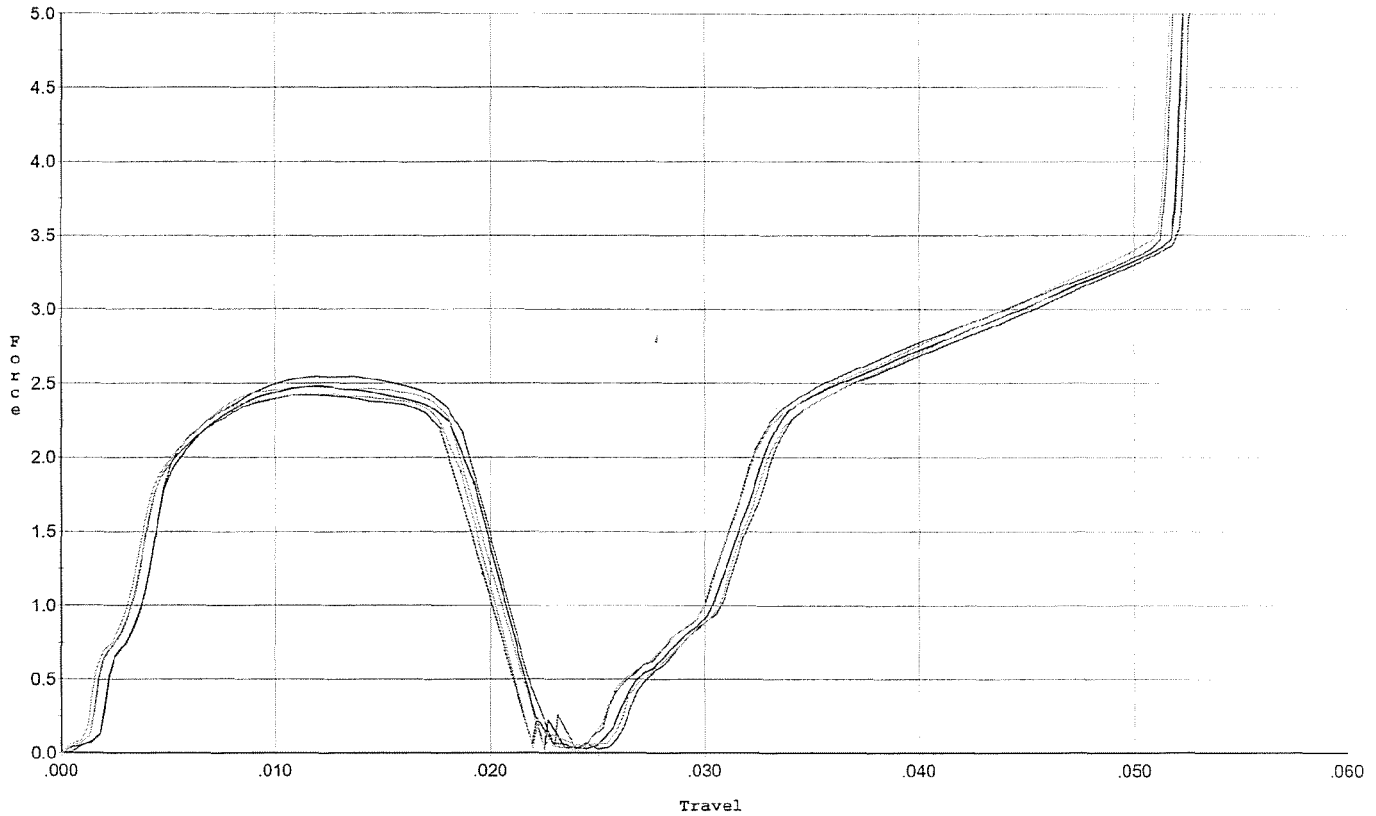
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.508	0.021	0.00	0.037	0.040		Set Trigger
2	2.414	0.020	0.00	0.037	0.036		Set Trigger
3	2.393	0.021	0.00	0.037	0.037		Set Trigger
4	2.396	0.020	0.00	0.038	0.036		Set Trigger
5	2.412	0.022	0.00	0.037	0.037		Set Trigger

Avg 2.42

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 6/1/09

Model: M/24
 Serial No: Form #F005
 Trigger: 2.5 lbs. after 50 cycles +/- .50 lbs.



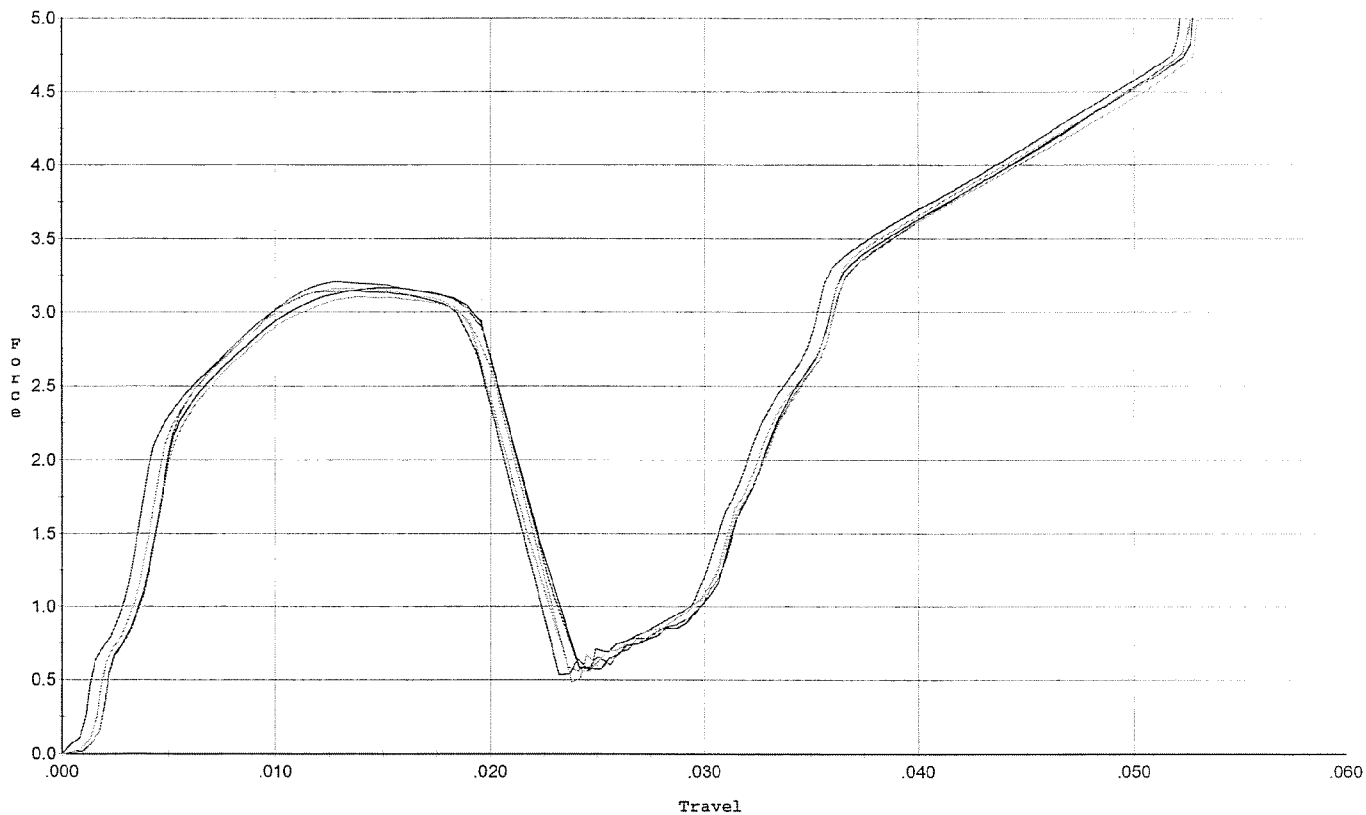
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.548	0.019	0.00	0.037	0.034		Set Trigger
2	2.480	0.019	0.00	0.036	0.034		Set Trigger
3	2.422	0.020	0.00	0.036	0.035		Set Trigger
4	2.477	0.018	0.00	0.037	0.033		Set Trigger
5	2.428	0.019	0.00	0.036	0.034		Set Trigger

Avg 2.47

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 6/1/09

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. ini. +/- .75 lbs.



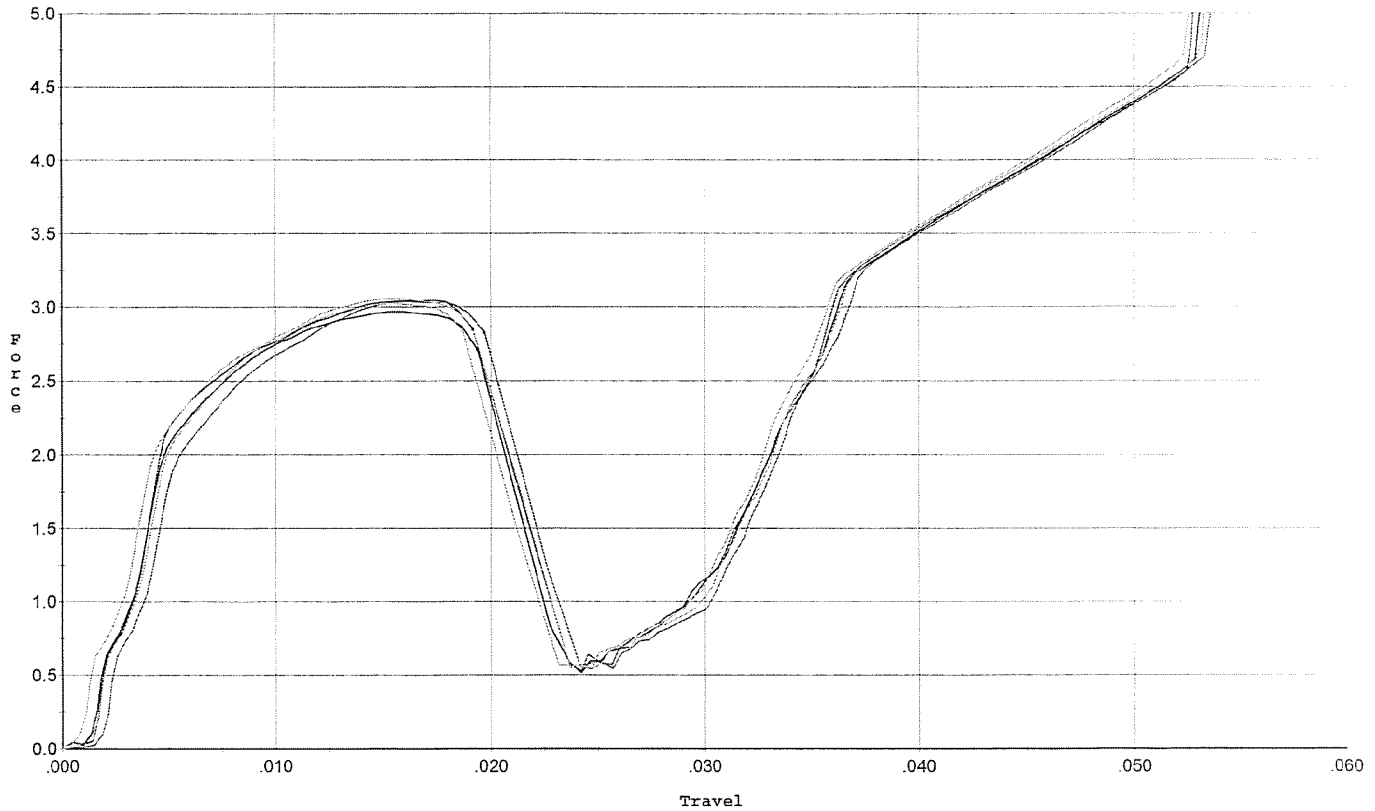
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.144	0.019	0.00	0.034	0.044		Set Trigger
2	3.165	0.020	0.00	0.035	0.043		Set Trigger
3	3.204	0.020	0.00	0.035	0.044		Set Trigger
4	3.163	0.019	0.00	0.035	0.043		Set Trigger
5	3.104	0.020	0.00	0.035	0.043		Set Trigger

Aug 3.15

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 6/1/09

Model: M/24
 Serial No: Form #F005
 Trigger: 3.0 lbs. after 20 cycles +/- .75 lbs.



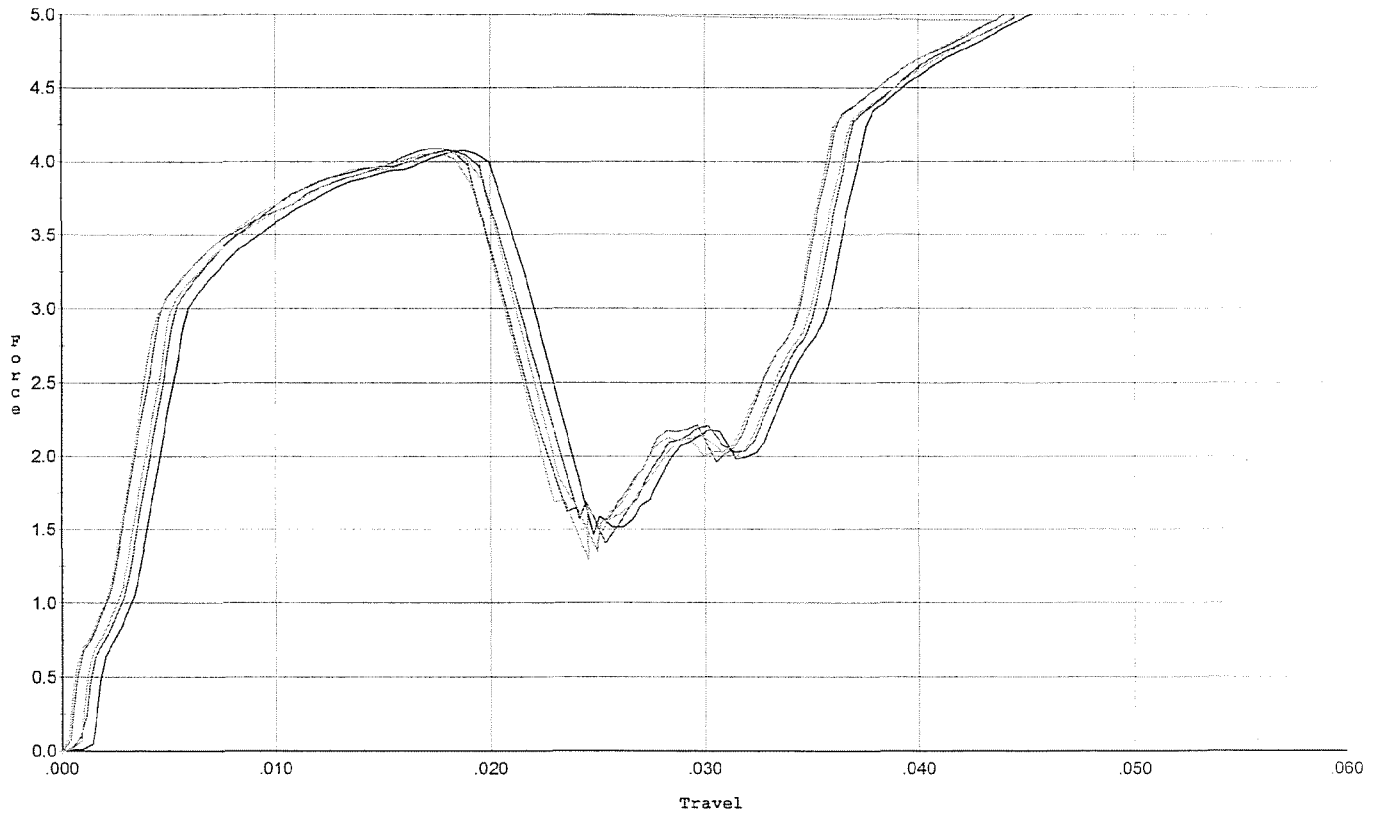
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.045	0.019	0.00	0.035	0.041		Set Trigger
2	2.968	0.019	0.00	0.035	0.041		Set Trigger
3	3.036	0.020	0.00	0.035	0.041		Set Trigger
4	3.058	0.021	0.00	0.035	0.045		Set Trigger
5	3.028	0.019	0.00	0.035	0.041		Set Trigger

Aug 4.82 RP
 3.02

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 6/1/09

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. ini. +/- 1.0 lbs.



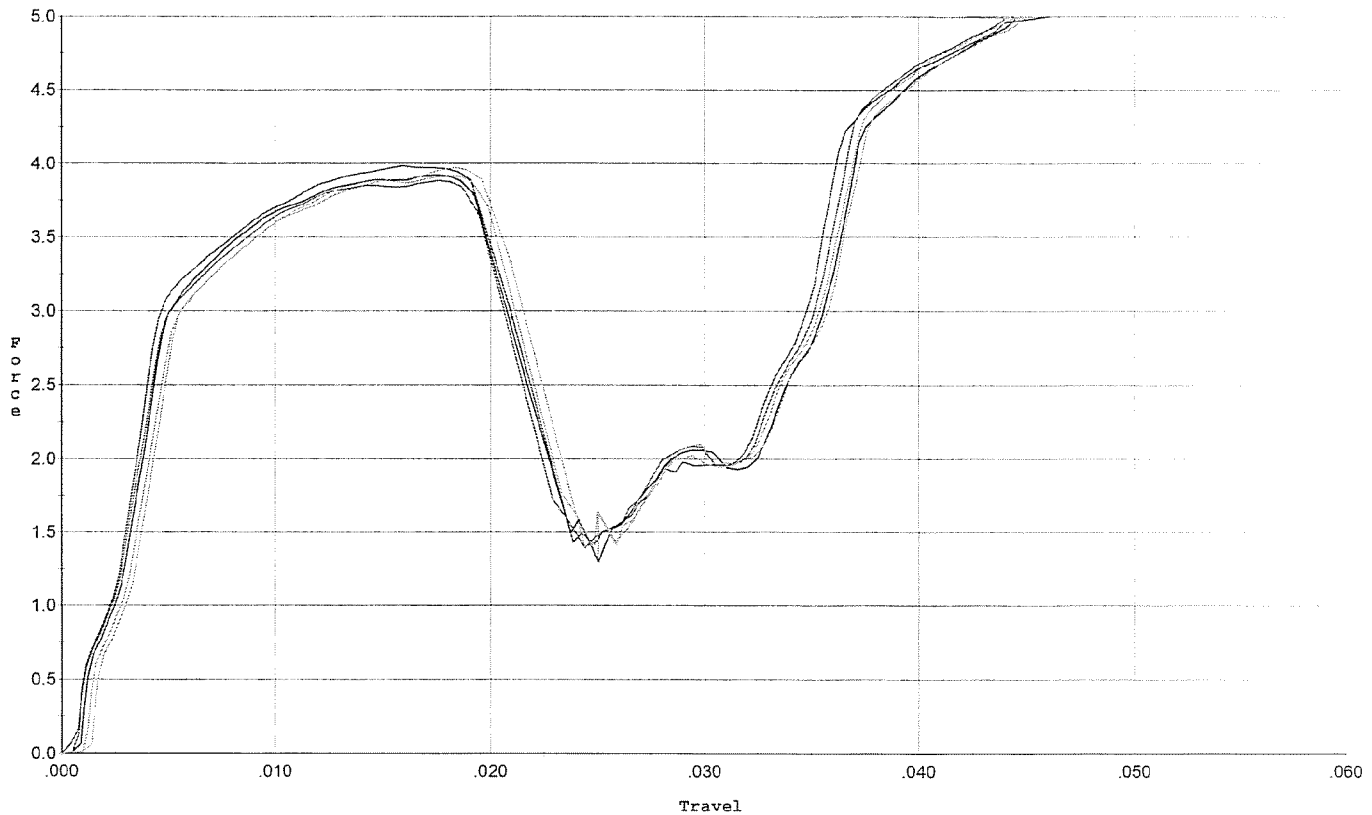
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.071	0.019	0.00	0.033	0.055		Set Trigger
2	4.074	0.022	0.00	0.033	0.060		Set Trigger
3	4.088	0.019	0.00	0.033	0.055		Set Trigger
4	4.062	0.020	0.00	0.033	0.056		Set Trigger
5	4.058	0.019	0.00	0.033	0.056		Set Trigger

Avg 4.07

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 6/1/09

Model: M/24
 Serial No: Form #F005
 Trigger: 4.0 lbs. after 20 cycles +/- 1.0 lbs.



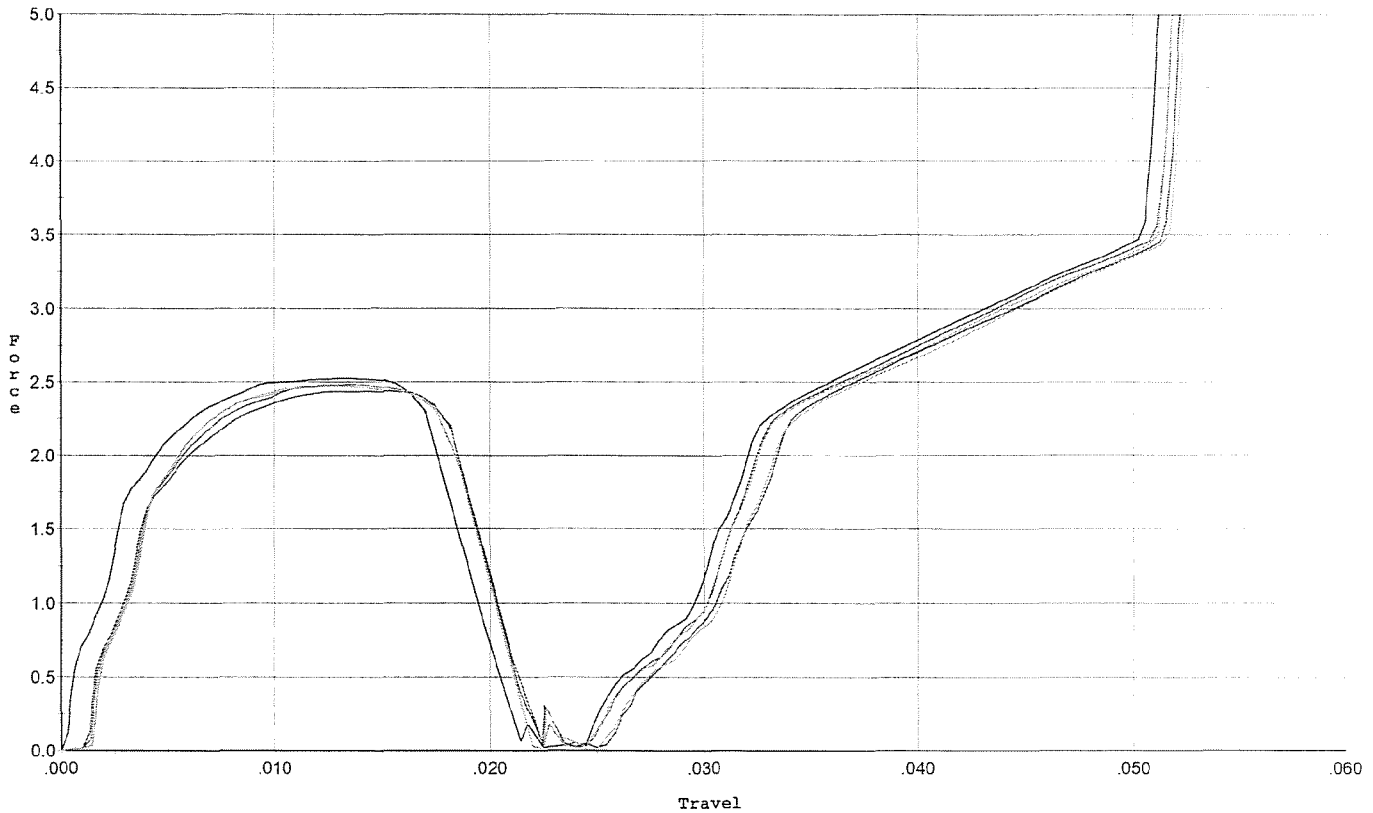
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.983	0.021	0.00	0.033	0.061		Set Trigger
2	3.921	0.019	0.00	0.034	0.054		Set Trigger
3	3.883	0.019	0.00	0.033	0.055		Set Trigger
4	3.918	0.020	0.00	0.033	0.055		Set Trigger
5	3.970	0.021	0.00	0.033	0.058		Set Trigger

Avg 2.93

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 6/1/09

Model: M/24
 Serial No: Form #F005
 Trigger: reset to 2.5 lbs. +/- .50 lbs. for final test



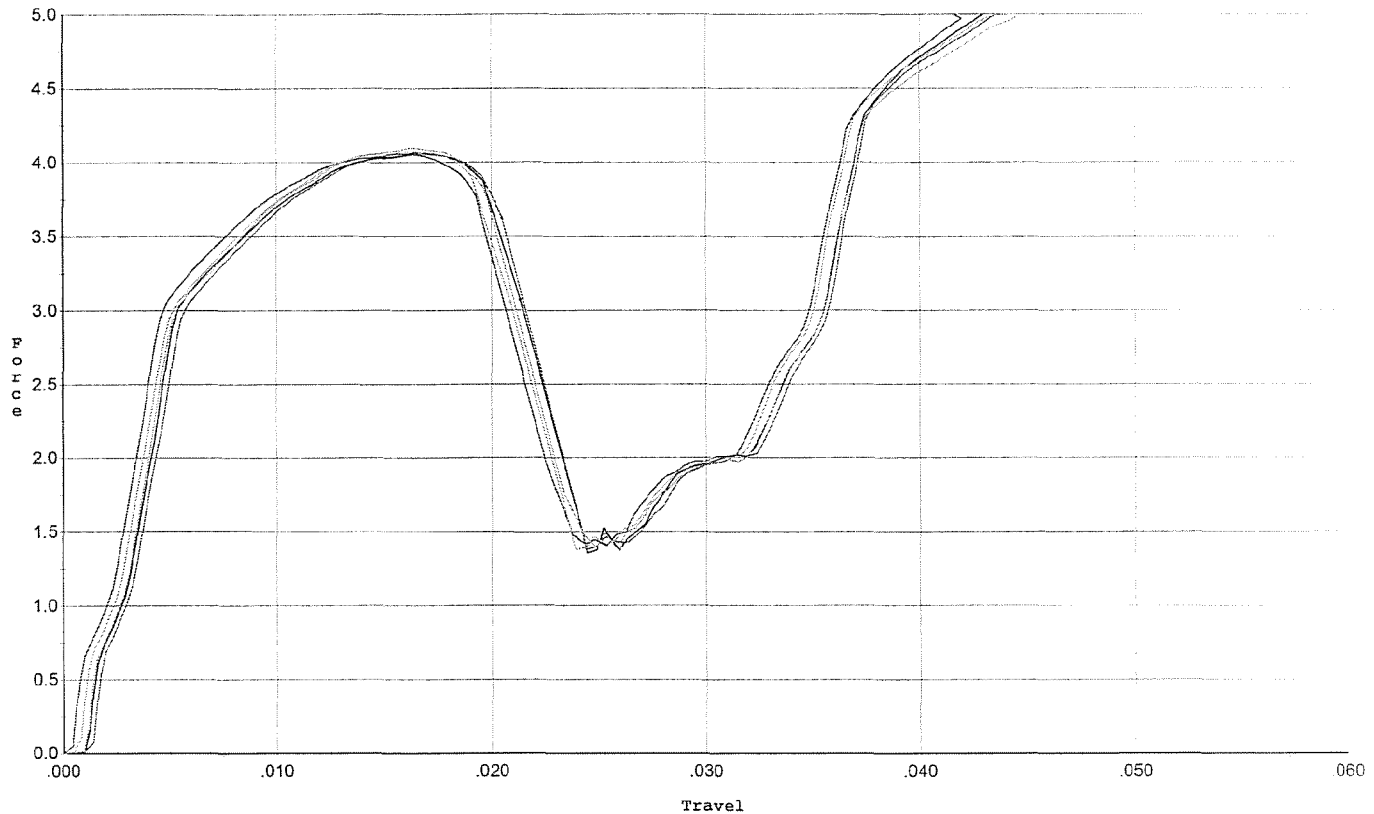
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.437	0.018	0.00	0.037	0.033		Set Trigger
2	2.524	0.017	0.00	0.037	0.033		Set Trigger
3	2.482	0.018	0.00	0.036	0.033		Set Trigger
4	2.478	0.019	0.00	0.037	0.034		Set Trigger
5	2.482	0.019	0.00	0.036	0.034		Set Trigger

Avg 2.48

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: R.P. 6/1/09

Model: M/24
 Serial No: Form #F005
 Trigger: set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.058	0.019	0.00	0.033	0.056		Set Trigger
2	4.068	0.021	0.00	0.033	0.061		Set Trigger
3	4.057	0.020	0.00	0.033	0.058		Set Trigger
4	4.073	0.021	0.00	0.033	0.060		Set Trigger
5	4.101	0.020	0.00	0.033	0.056		Set Trigger

Avg 4.07

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225399.___0
FILE DATE AND TIME: 06/22/2009 14:39

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.053
The Average Y Centroid of the Five Target Set:	0.044
The Average Point of Impact of the Five Target Set:	0.069
The Average Mean Radius of the Five Target Set:	0.560
The Distance from POA to Centroid Target #1:	0.176
The Distance from Centroid Target #2 to Centroid Target #1:	0.112
The Distance from Centroid Target #3 to Centroid Target #1:	0.247
The Distance from Centroid Target #4 to Centroid Target #1:	0.368
The Distance from Centroid Target #5 to Centroid Target #1:	0.148

SERIAL NUMBER: C6225399. __0

TARGET NUMBER: 1

FILE DATE: 06/22/2009

FILE TIME: 14:39

POINT#	X	Y
1:	0.295	0.600
2:	0.545	0.580
3:	0.503	0.012
4:	-0.272	-0.405
5:	-0.104	-0.099
6:	-0.431	-0.135
7:	-0.275	0.082
8:	-0.146	0.271
9:	-0.171	0.423
10:	-0.751	0.240

X CENTROID: -0.081

Y CENTROID: 0.157

POA TO CENTROID: 0.176

HORZ SPREAD: 1.296

VERT SPREAD: 1.005

GROUP SPREAD: 1.340

MIN RADIUS: 0.131

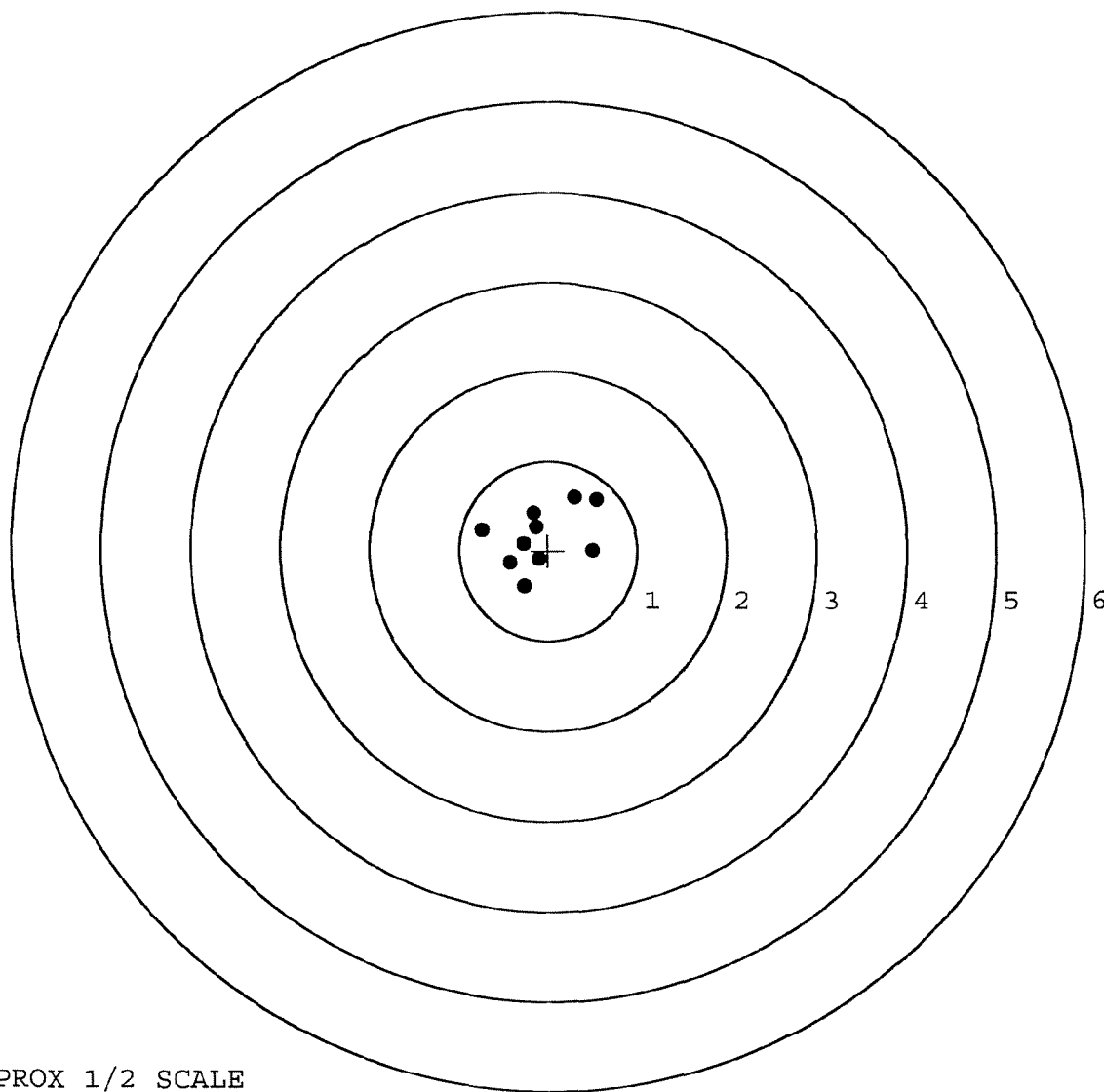
MAX RADIUS: 0.755

MEAN RADIUS: 0.454

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

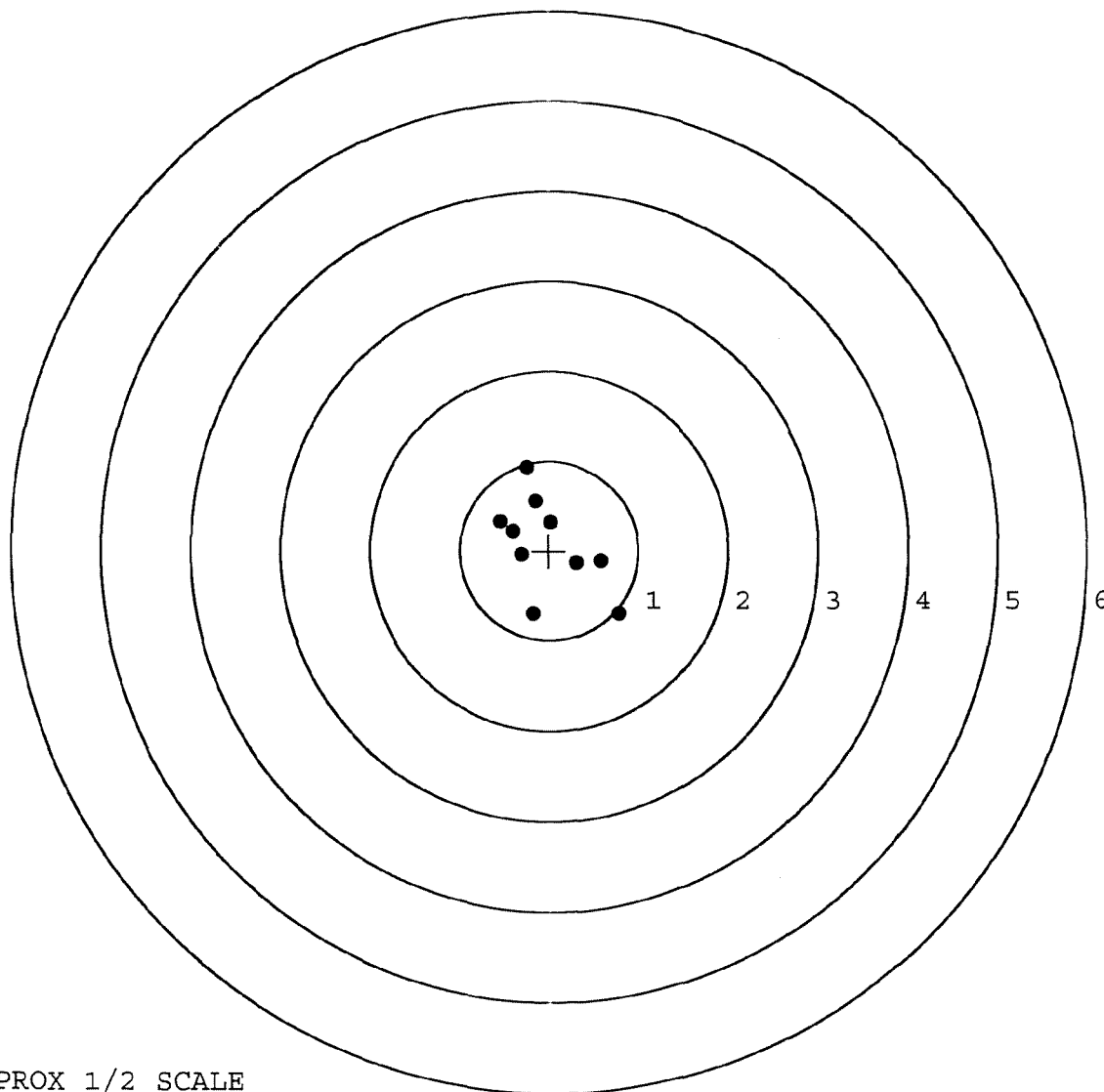


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225399.0
 TARGET NUMBER: 2
 FILE DATE: 06/22/2009
 FILE TIME: 14:39

POINT#	X	Y
1:	-0.247	0.927
2:	-0.156	0.556
3:	0.017	0.318
4:	-0.547	0.332
5:	-0.408	0.226
6:	-0.312	-0.046
7:	-0.183	-0.709
8:	0.785	-0.704
9:	0.583	-0.111
10:	0.313	-0.132

X CENTROID: -0.016
 Y CENTROID: 0.066
 POA TO CENTROID: 0.068
 HORZ SPREAD: 1.332
 VERT SPREAD: 1.636
 GROUP SPREAD: 1.930
 MIN RADIUS: 0.254
 MAX RADIUS: 1.111
 MEAN RADIUS: 0.590
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



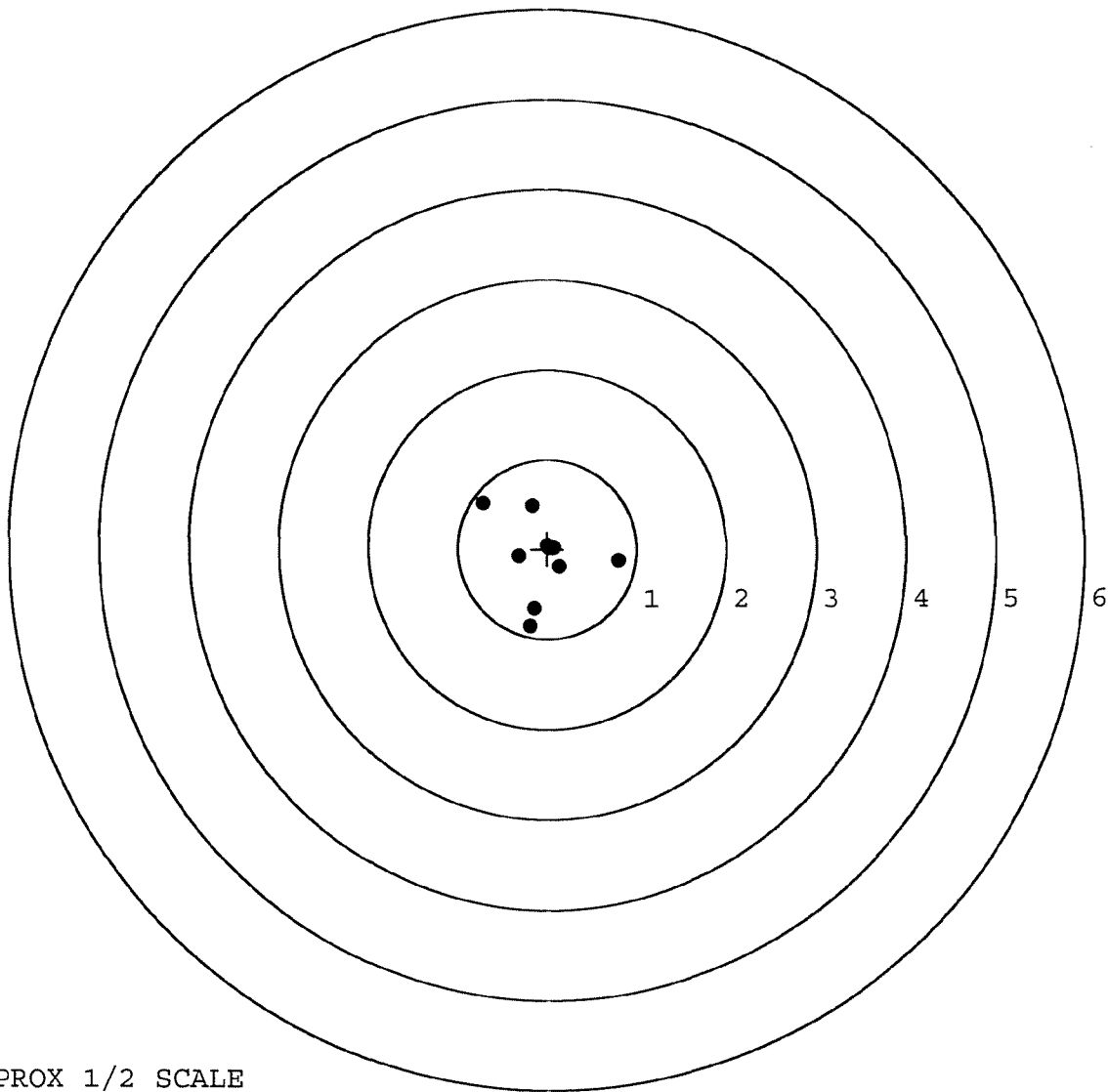
TARGET APPROX 1/2 SCALE

BARBER - M24 0060034

SERIAL NUMBER: C6225399. 0
 TARGET NUMBER: 3
 FILE DATE: 06/22/2009
 FILE TIME: 14:39

POINT#	X	Y
1:	-0.195	-0.863
2:	-0.149	-0.667
3:	0.797	-0.128
4:	0.140	-0.202
5:	-0.325	-0.086
6:	-0.161	0.485
7:	-0.726	0.509
8:	0.003	0.039
9:	0.019	0.016
10:	0.071	0.015

X CENTROID: -0.053
 Y CENTROID: -0.088
 POA TO CENTROID: 0.103
 HORZ SPREAD: 1.523
 VERT SPREAD: 1.372
 GROUP SPREAD: 1.651
 MIN RADIUS: 0.126
 MAX RADIUS: 0.900
 MEAN RADIUS: 0.463
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

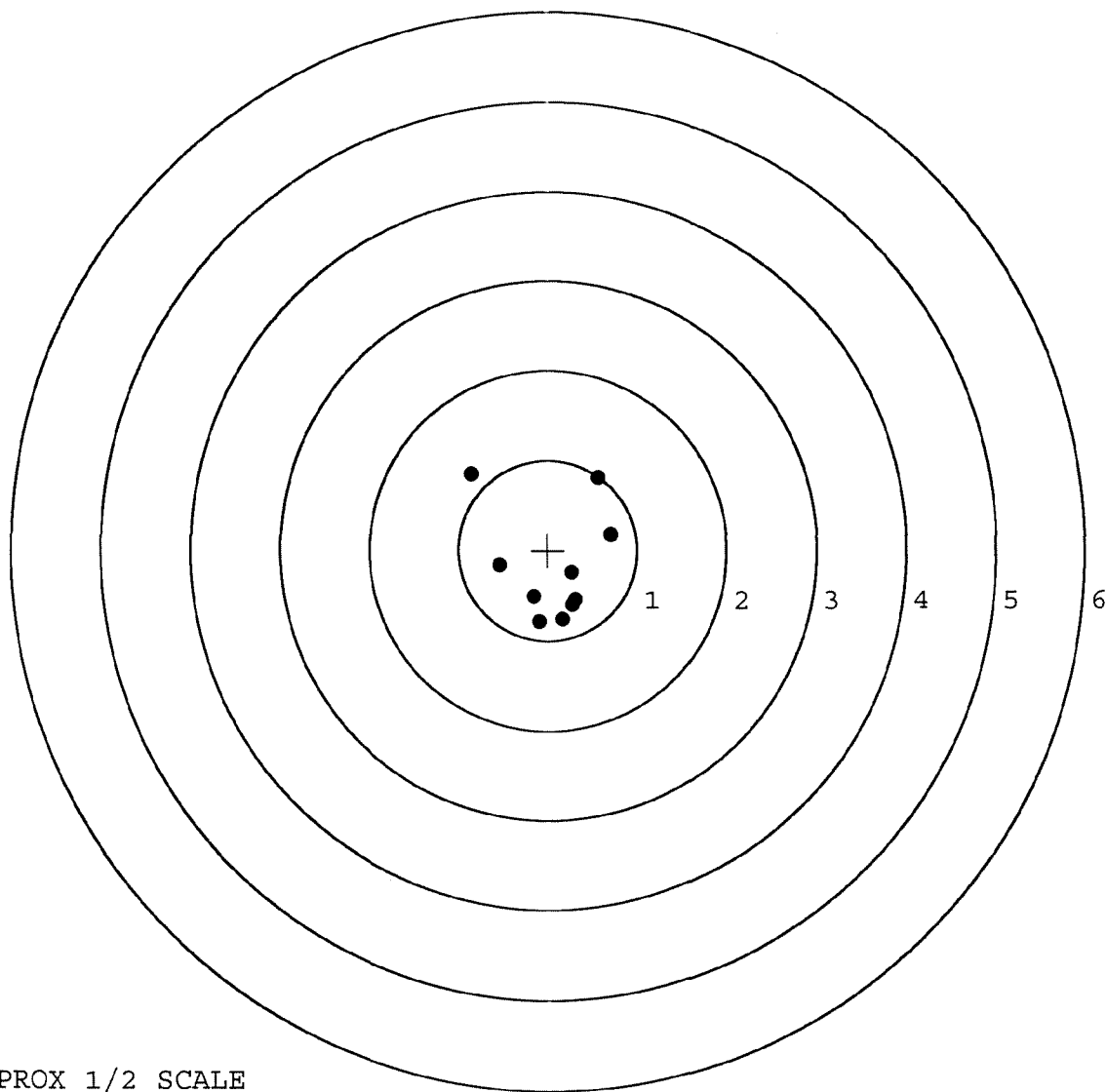


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225399. __0
 TARGET NUMBER: 4
 FILE DATE: 06/22/2009
 FILE TIME: 14:39

POINT#	X	Y
1:	0.573	0.808
2:	0.702	0.171
3:	-0.864	0.851
4:	-0.542	-0.167
5:	-0.160	-0.514
6:	-0.104	-0.797
7:	0.166	-0.767
8:	0.313	-0.547
9:	0.272	-0.248
10:	0.274	-0.613

X CENTROID: 0.063
 Y CENTROID: -0.182
 POA TO CENTROID: 0.193
 HORZ SPREAD: 1.566
 VERT SPREAD: 1.648
 GROUP SPREAD: 1.918
 MIN RADIUS: 0.219
 MAX RADIUS: 1.388
 MEAN RADIUS: 0.661
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10

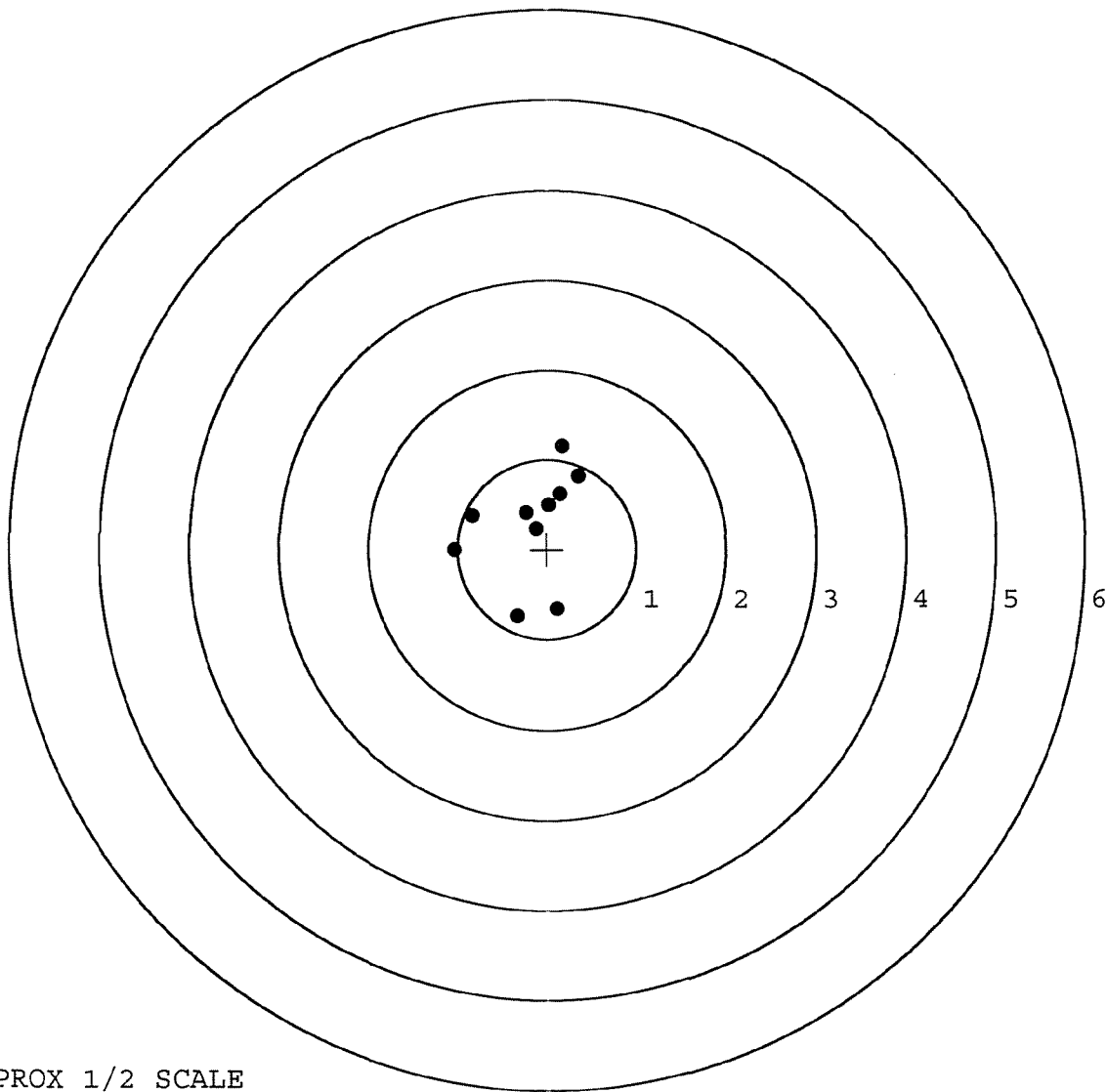


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225399. __0
 TARGET NUMBER: 5
 FILE DATE: 06/22/2009
 FILE TIME: 14:39

POINT#	X	Y
1:	0.172	1.151
2:	0.358	0.818
3:	0.145	0.617
4:	0.015	0.497
5:	-0.246	0.413
6:	-0.132	0.228
7:	0.114	-0.668
8:	-0.334	-0.751
9:	-1.039	-0.010
10:	-0.837	0.380

X CENTROID: -0.178
 Y CENTROID: 0.267
 POA TO CENTROID: 0.322
 HORZ SPREAD: 1.397
 VERT SPREAD: 1.902
 GROUP SPREAD: 1.968
 MIN RADIUS: 0.061
 MAX RADIUS: 1.030
 MEAN RADIUS: 0.630
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSP Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00047882** Serial: **C6225399** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SW/S)** Repairman: Status: **Closed 6/11/02 7:11:40 AM**

Verify Repair

Address Information

Customer: **COMMANDER** Received From: **COMMANDER** Return To: **COMMANDER** Received From:

Address 1: **HSC 2/7 SFG A** Address 2: PO Box:

City: **FORT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FPL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Page: Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
X	SGT BASES	2

Repair Search Refresh Close

radet 6/11/02 7:32 AM CAPS NUM INS SEFL

Start Inbox - Mi Scorecar Google Arms S Part Sear TRAC194...

Serial Number: **C6225399**

Model: **700**



RE00047882

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225399.___0
FILE DATE AND TIME: 06/28/2002 13:57

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

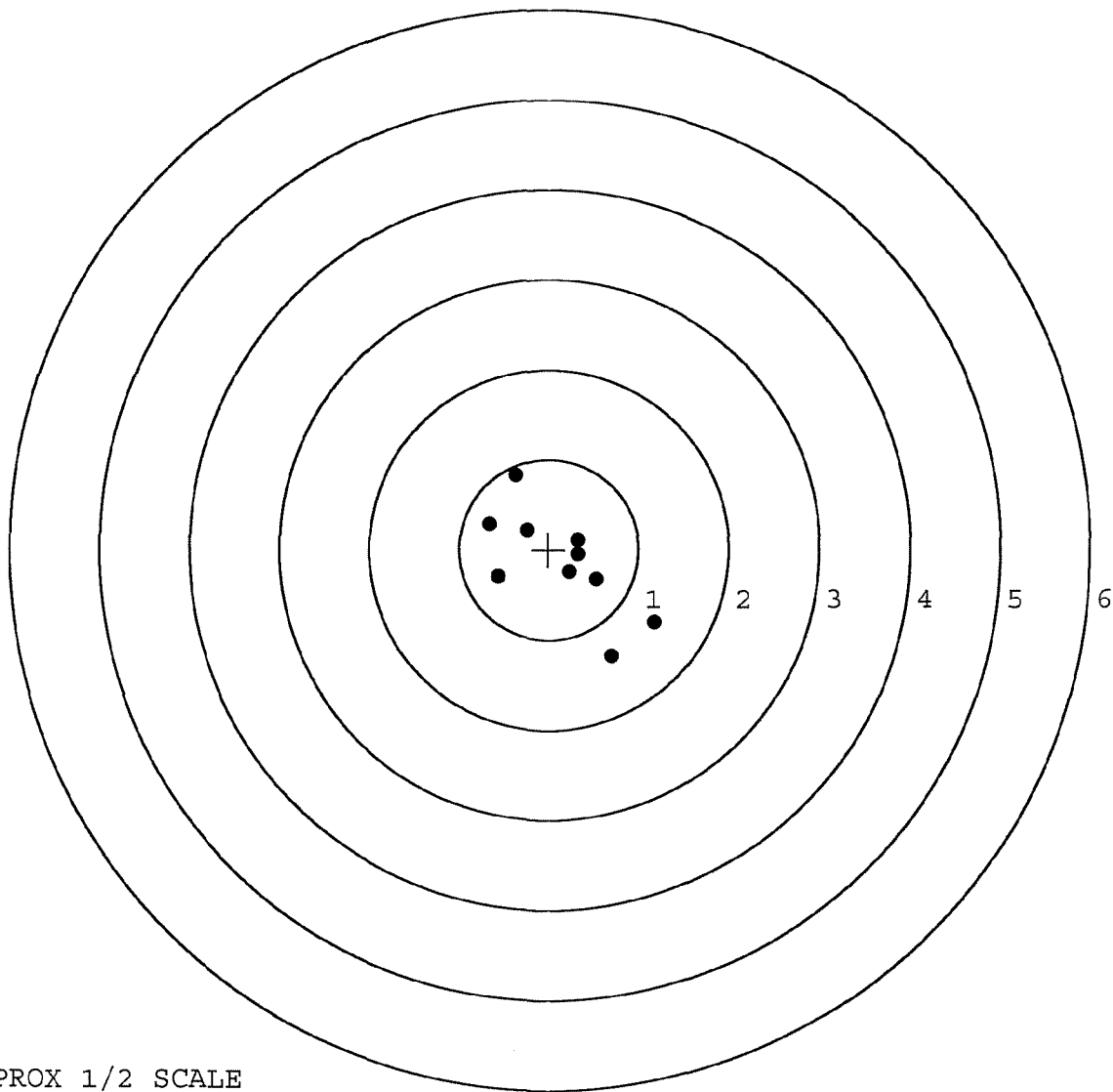
The Average X Centroid of the Five Target Set:	-0.057
The Average Y Centroid of the Five Target Set:	-0.068
The Average Point of Impact of the Five Target Set:	0.089
The Average Mean Radius of the Five Target Set:	0.612
The Distance from POA to Centroid Target #1:	0.212
The Distance from Centroid Target #2 to Centroid Target #1:	0.413
The Distance from Centroid Target #3 to Centroid Target #1:	0.304
The Distance from Centroid Target #4 to Centroid Target #1:	0.237
The Distance from Centroid Target #5 to Centroid Target #1:	0.302

BARBER - M24 0060039

SERIAL NUMBER: C6225399. __0
 TARGET NUMBER: 1
 FILE DATE: 06/28/2002
 FILE TIME: 13:57

POINT#	X	Y
1:	0.702	-1.180
2:	1.174	-0.812
3:	0.536	-0.339
4:	-0.564	-0.312
5:	-0.242	0.217
6:	-0.664	0.275
7:	-0.373	0.825
8:	0.237	-0.248
9:	0.331	-0.055
10:	0.329	0.104

X CENTROID: 0.147
 Y CENTROID: -0.153
 POA TO CENTROID: 0.212
 HORZ SPREAD: 1.838
 VERT SPREAD: 2.005
 GROUP SPREAD: 2.252
 MIN RADIUS: 0.132
 MAX RADIUS: 1.221
 MEAN RADIUS: 0.676
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225399. __0

TARGET NUMBER: 2

FILE DATE: 06/28/2002

FILE TIME: 13:57

POINT#	X	Y
1:	0.747	-0.444
2:	0.039	-0.674
3:	-1.084	-0.184
4:	-0.308	-0.156
5:	0.389	0.240
6:	0.239	0.247
7:	0.307	1.056
8:	-0.313	0.406
9:	-0.490	0.568
10:	-0.694	0.597

X CENTROID: -0.117

Y CENTROID: 0.166

POA TO CENTROID: 0.203

HORZ SPREAD: 1.831

VERT SPREAD: 1.730

GROUP SPREAD: 1.849

MIN RADIUS: 0.310

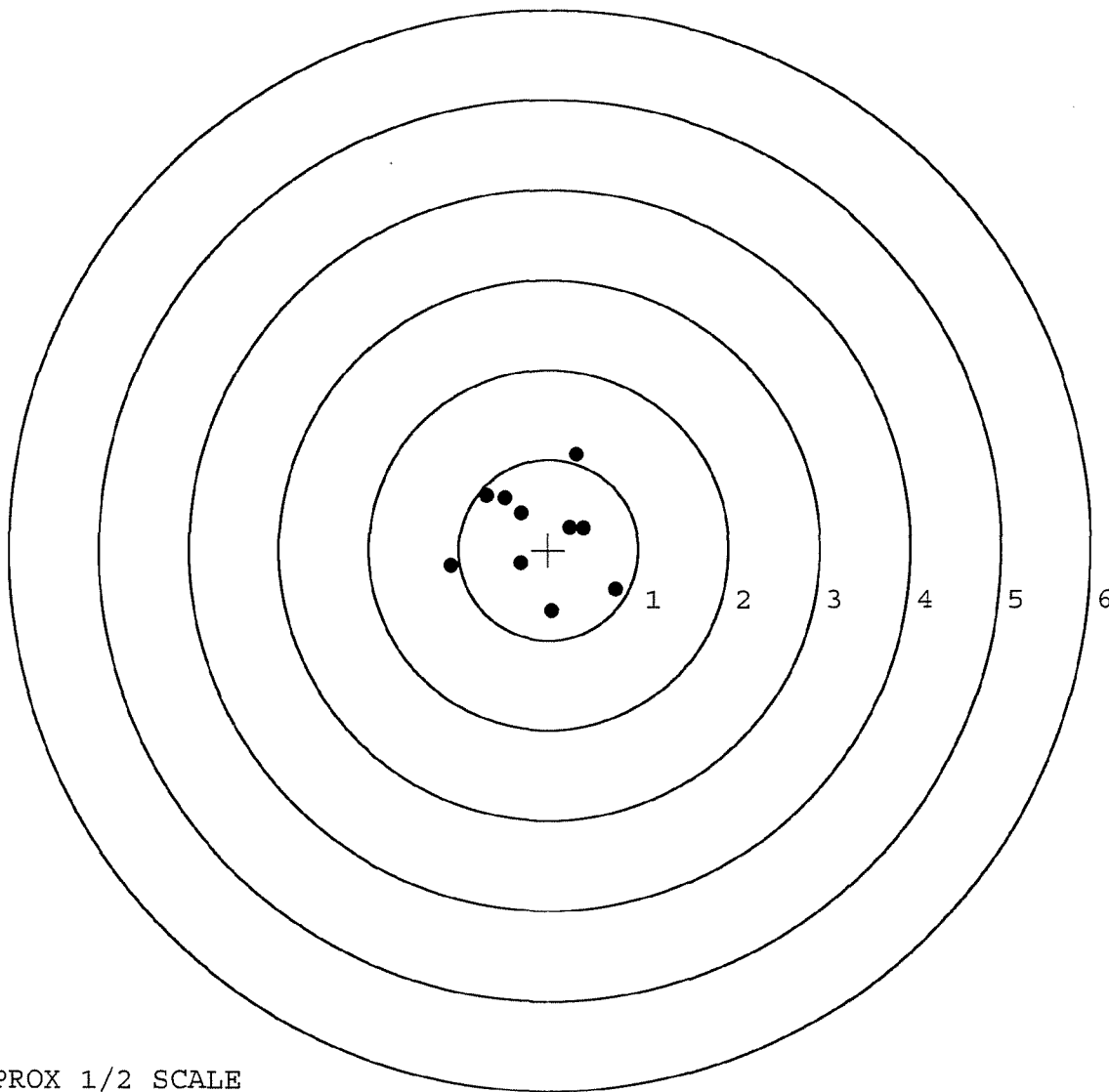
MAX RADIUS: 1.057

MEAN RADIUS: 0.676

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225399. __0

TARGET NUMBER: 3

FILE DATE: 06/28/2002

FILE TIME: 13:57

POINT#	X	Y
1:	0.575	-1.036
2:	0.574	0.615
3:	0.186	-0.235
4:	0.014	0.046
5:	0.057	0.402
6:	-0.115	0.341
7:	-0.368	-0.065
8:	-0.471	0.100
9:	-0.657	0.090
10:	-0.847	-0.074

X CENTROID: -0.105

Y CENTROID: 0.018

POA TO CENTROID: 0.107

HORZ SPREAD: 1.422

VERT SPREAD: 1.651

GROUP SPREAD: 1.717

MIN RADIUS: 0.122

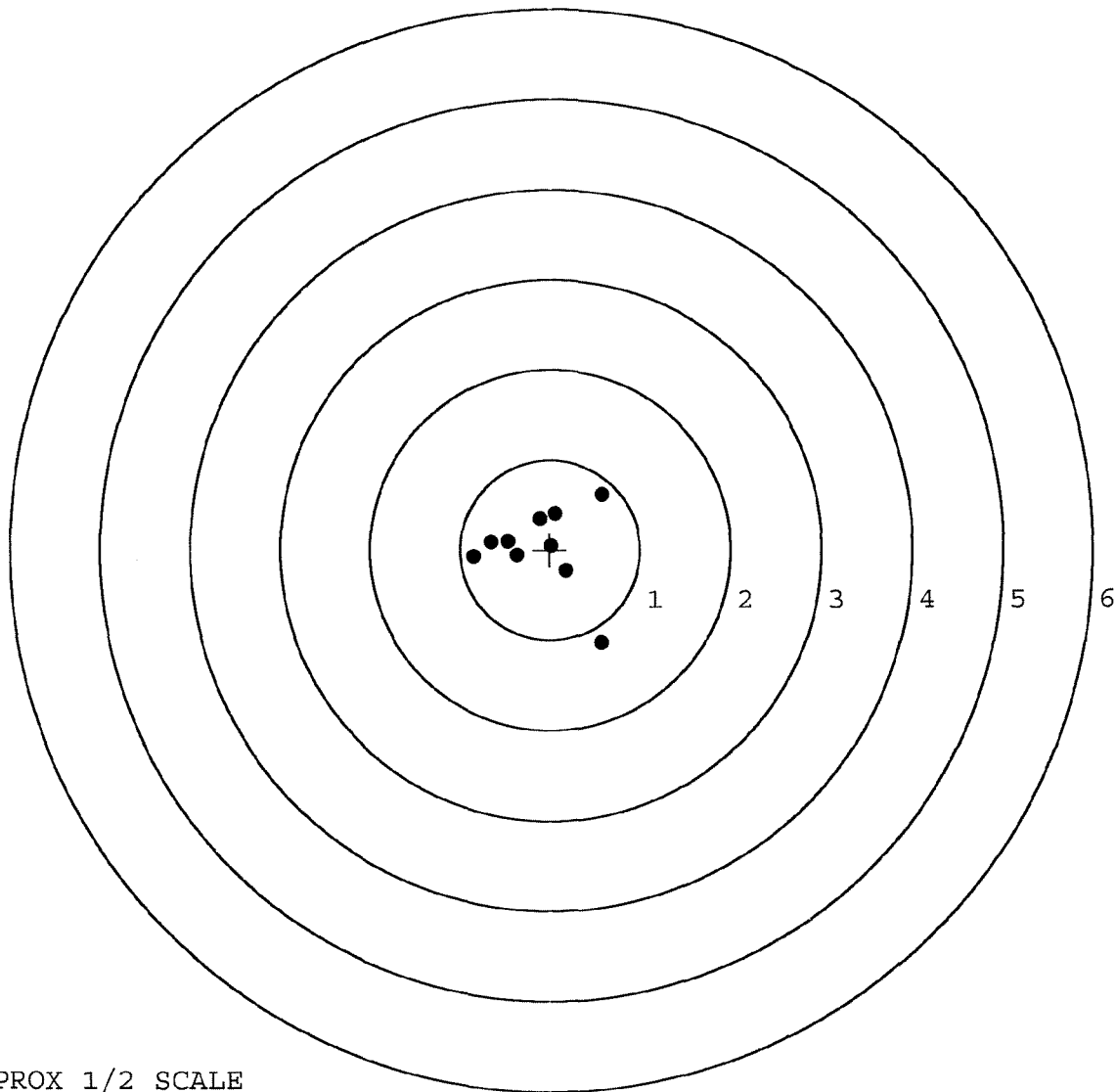
MAX RADIUS: 1.255

MEAN RADIUS: 0.536

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225399. __0

TARGET NUMBER: 4

FILE DATE: 06/28/2002

FILE TIME: 13:57

POINT#	X	Y
1:	0.050	-1.607
2:	0.045	-1.424
3:	0.505	-0.653
4:	0.102	-0.421
5:	-0.166	-0.179
6:	-0.525	-0.392
7:	-0.581	-0.165
8:	0.589	0.448
9:	-0.277	0.651
10:	-0.337	1.041

X CENTROID: -0.060

Y CENTROID: -0.270

POA TO CENTROID: 0.277

HORZ SPREAD: 1.170

VERT SPREAD: 2.648

GROUP SPREAD: 2.676

MIN RADIUS: 0.140

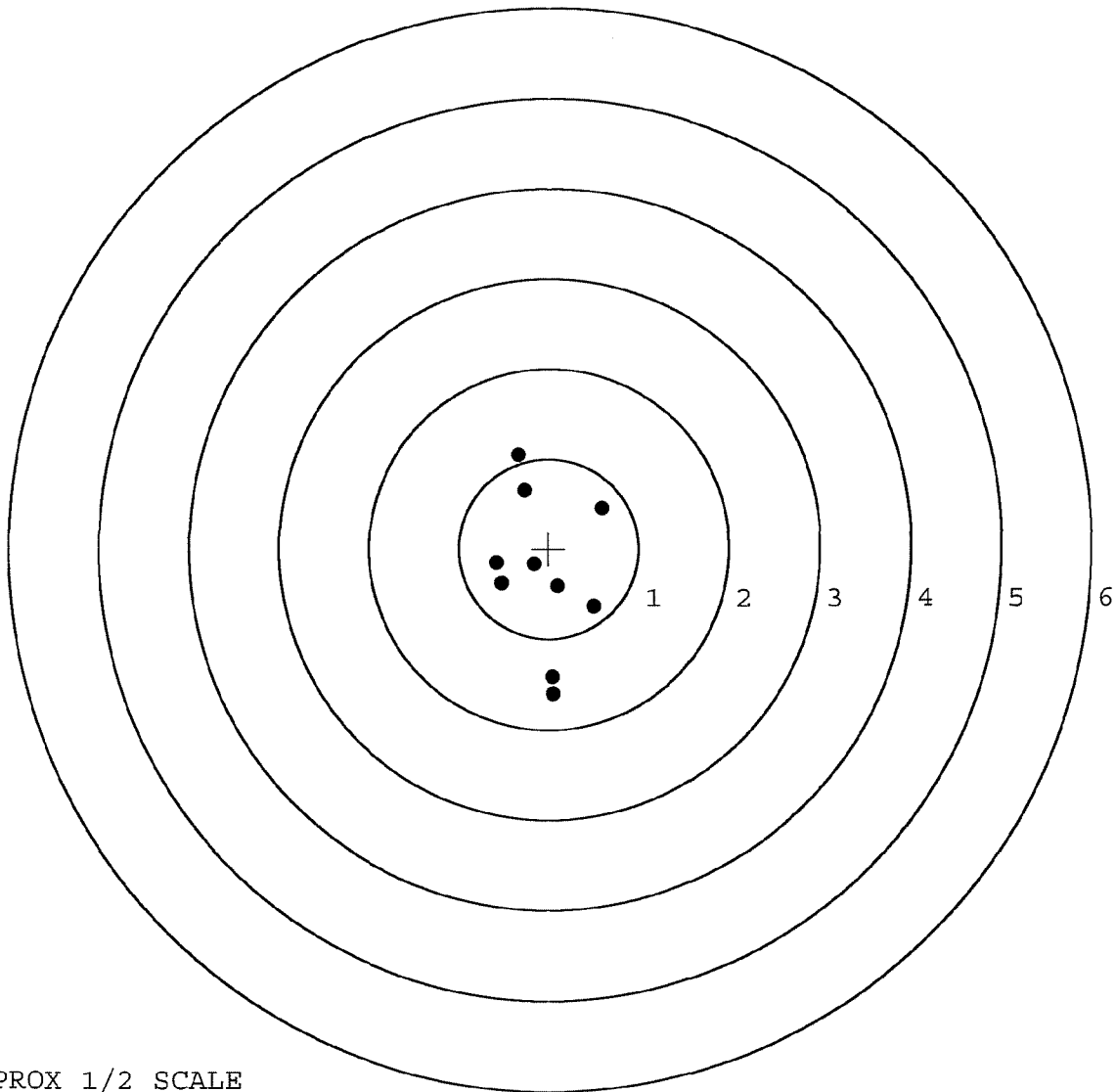
MAX RADIUS: 1.341

MEAN RADIUS: 0.781

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0060043

SERIAL NUMBER: C6225399. __0

TARGET NUMBER: 5

FILE DATE: 06/28/2002

FILE TIME: 13:57

POINT#	X	Y
1:	-0.898	-0.903
2:	0.395	-0.064
3:	0.072	0.325
4:	-0.182	0.181
5:	-0.531	0.045
6:	-0.345	-0.337
7:	0.018	-0.239
8:	0.165	-0.040
9:	-0.020	0.054
10:	-0.187	-0.043

X CENTROID: -0.151

Y CENTROID: -0.102

POA TO CENTROID: 0.183

HORZ SPREAD: 1.293

VERT SPREAD: 1.228

GROUP SPREAD: 1.565

MIN RADIUS: 0.069

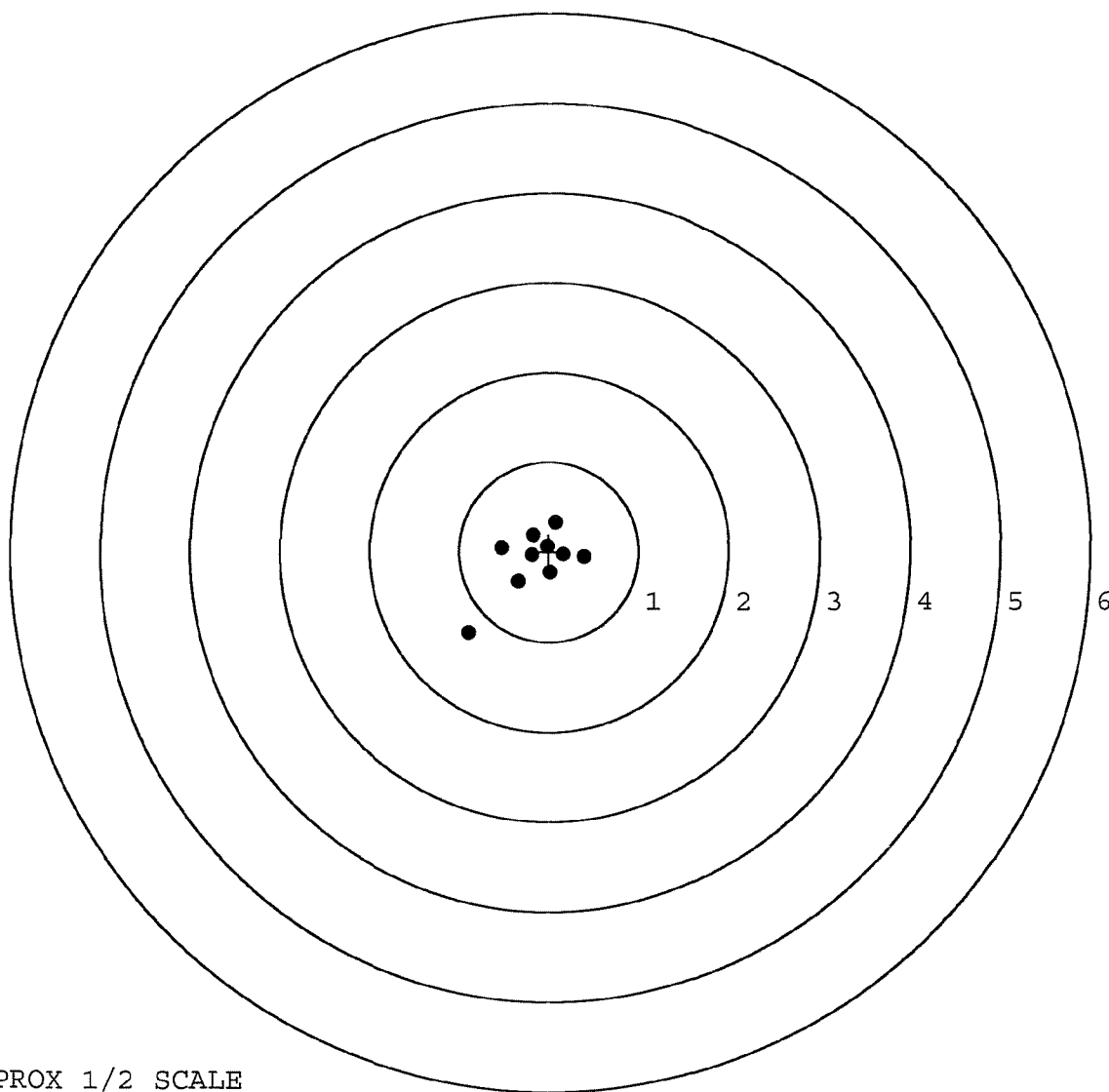
MAX RADIUS: 1.095

MEAN RADIUS: 0.393

IN 1 IN DIAMETER: 8

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 47882

SERIAL NUMBER C6225399

LOG-IN DATE 6/11/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6/14/02	RL
560 A	RE-BARREL AT CUSTOM SHOP	6/17/02	BWT
B	DRILL AND TAP	6/17/02	BWT
C	POLISH		
575	ASSEMBLE	6/17/02	RL
600	PROOF	6/17/02	RW
605	CHECK HEADSPACE	6/17/02	RW
610	DIS-ASSEMBLE GUN	6/17/02	RW
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	6/17/02	RW
618	ROTO-BLAST	6/19/02	RO
620	APPLY COATINGS	6-24	TA
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-27-01	RL
655	FINAL INSPECT	6-28-02	RL
660	PACK	6/28/02	RA
		SHIP DATE	
		QAR INSPECTION DATE	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-13385

M24

INITIALS
FASCUSTOMER ORDER NO.
41356DATE RECEIVED
05/30/96DATE OPENED
05/30/96DATE CODE
LJ 2-89SERIAL NUMBER
C6225399

NEW SERIAL NUMBER

MODEL AND GRADE
700 7.62

NATO

ACCESSORIES

W/STUDS

SCOPE BASE

FROM:

DEPT OF THE ARMS
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC 28307

SHIP TO:

DEPT OF THE ARMS
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC
28307

CUST NO: 143691 C.G.D.

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

- ☐ NEW
☐ LIGHTLY WORN
☐ WORN
☐ VERY WORN
☐ UNREPAIRABLE
☐ MARRED

REPAIR CHAI

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel - 96003
Mag Spring - 15677Re-powder Coat Trigger Guard Assy
Front & Rear Sight Bases
Re-zinc Scope Base & Swivel
Studs

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 006004960084

RD-6947-Rev 3

PAYMENT:

Mastercard / Visa (circle one)

Card #: _____

Exp. Date: _____

Signature _____

RETURN:

☐ Clark Street Entrance☐ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE NO 011356

DATE 05-29-96

CUSTOMER NAME:

Gordon Armstrong

ADDRESS:

FT Bragg NC

ZIP: _____

PHONE: _____

FIREARM

MODEL: M24

CHECK FOR AMMUNITION ☒

GAUGE: .308

SERIAL # C 6020 899

CONDITION:

WOOD GOOD FAIR POOR FANCY PLAIN

METAL GOOD FAIR POOR FANCY PLAIN

BARREL VT. RIB PLAIN DEER RSS

ACCESSORIES:

SCOPE: YES NO (BRAND NAME/POWER) _____

SLING: YES NO GUN CASE: YES NO (HARD - SOFT)

EXTRA BBL FOR GUN MENTIONED ABOVE:

OTHER (Note in this area items missing or added from orig. equipment)

CUSTOMER REQUEST: _____

SIGNATURE: _____
(Person delivering firearm to Plant)

DATE: 29 MAY 96

SIGNATURE: _____
(Security Officer)

DATE: 05-29-96

SIGNATURE: _____
(Firearm picked up by)

DATE: 5/30/96

Arm Service Copy

MAINTENANCE REQUEST				PAGE NO.		NO. OF PAGES		REQUIREMENTS CONTROL SYMBOL CSGLD - 1047(R1)	
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG									
SECTION I - EQUIPMENT DATA									
CONTROL NUMBER		WORK ORDER NO.		WESDC		ORG. PD 02		PD AUTHENTICATION <i>[Signature]</i>	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HSC, 2/75FG(A) FT. BRAGG, NC 28307		B. LOCATION BLDG E-3928 FT. BRAGG, NC 28307		C. UNIT IDENT CODE WH00 DO			
2. SERIAL NO. C6225399		3. NOUN NOMENCLATURE RIFLE, SNIPER		4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL DEPO		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC B	
						9C. PACING ITEM		10. HOURS	
								11. MILES	
								12. ROUNDS 8560	
								13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)					15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)				
☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other					☐ 068 Inoperative ☐ 258 Overheating ☐ 790 Out of Adjustment ☐ 008 Noisy ☐ 387 Low Performance ☒ Other				
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). DUE TO THE NUMBER OF ROUNDS FIRED, THE BARREL NEEDS REPLACED.									
B. REMARKS REBARREL AND RETURN REQUESTED. POC IS CPT BURNS AT (910) 432-5208									
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)									
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3.					13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.				
23. SUBMITTED BY		24. RECEIVED BY							
JULIAN DATE		JULIAN DATE							

MAINTENANCE REQUEST						PAGE NO		NO OF PAGES		REQUIREMENTS CONTROL SYMBOL			
For use of this form, see DA PAM 738-750; the proponent agency is DCSLOG										CSGLD - 1047(R1)			
SECTION I - EQUIPMENT DATA													
CONTROL NUMBER		WORK ORDER NO.			WESDC		ORG. PD		PD AUTHENTICATION				
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HSC, 2115FGA FT. BRAGG, NC 28307			B. LOCATION LEDC E-3728 FT. BRAGG, NC 28307			C. UNIT IDENT CODE WH00 DO					
2. SERIAL NO. 66225399		3. NOUN NOMENCLATURE RIFLE, SNIPER			4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-240-2136				
7A. MAINTENANCE ACTIVITY		B. LEVEL DEPO		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC B		9C. PACING ITEM		10. HOURS	
												11. MILES	
												12. ROUNDS 8550	
												13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X)							15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)						
☐ A Sch. Main.		☐ C Test		☐ E Storage		☐ G Flight		☐ 068 Inoperative		☐ 258 Overheating		☐ 790 Out of Adjustment	
☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy		☐ 387 Low Performance		☒ Other	
16A. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURE IN EQUIPMENT TM (Do not prescribe repairs). DUE TO THE NUMBER OF ROUNDS FIRED, THE CARREL NEEDS REPLACED.													
B. REMARKS RECARREL AND RETURN REQUESTED. LOC IS CPT BURNS AT (910) 432-5208													
SECTION II - WORK ACCOMPLISHED													
17A. REPAIR ORGANIZATION/ACTIVITY					C. UNIT IDENT. CODE			18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X)				19. AMS ACCT CODE	
B. LOCATION								☐ 1 TOE ☐ 2 TD ☐ 3 Contractor					
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST			
		(1) CB CODE	(2) REF DESIGN	(3) MFR. CODE									
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST		K. TOTAL PARTS COST				
							\$		\$				
21. DELAY (Select One)					☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools		22. Data Transcribed						
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)			
										☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged			
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE					

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225399
19 Apr 1988

CENTROIDAL DISTANCES

0 TO 1	.368769
1 TO 2	.195921
1 TO 3	.119105
1 TO 4	.577291
1 TO 5	.193933

4
2.5
1 <----POA

7 BAD GROUPS

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1156
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .4314
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .44662
THE AMR FOR THIS RIFLE IS: 1.249

A 4 500

FILE:/PATTERNING/CENTERFIRE_PATT/08225399

CENTERFIRE PATTERNS # 1

POA

2in circle

1in circle

3in circle

CENTROID *

OF SHOTS = 8

X = 1.128

Y = 1.128

X = 1.128

Y = 1.128

AS = 2.703

VS = 2.704

ES = 2.913

PATTERN #

1

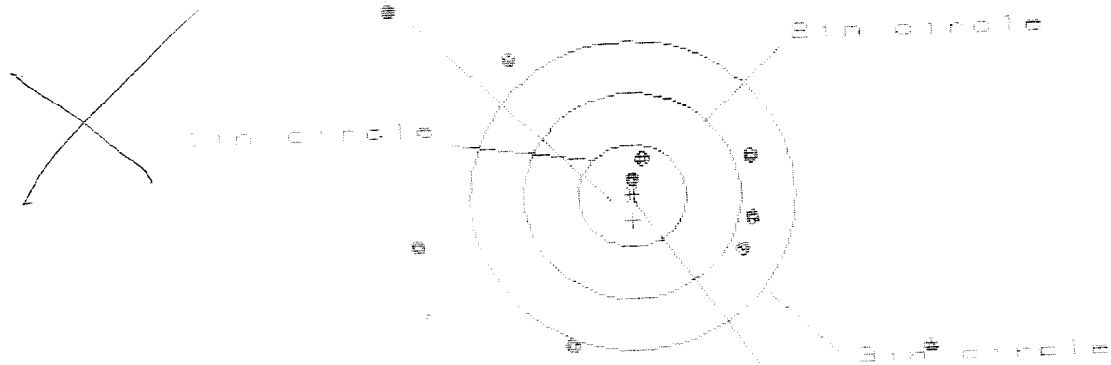
	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.542	1.617	1.589
MINIMUM X	-1.161	-1.086	-1.114
MAXIMUM Y	2.054	1.363	1.174
MINIMUM Y	-1.740	-1.511	-1.590
CENTROID X	.180	.105	.133
CENTROID Y	.323	.094	.283
POA TO CENTROID (in)	.370	.141	.313
MIN RADIUS	.343	.232	.312
MEAN RADIUS	1.083	.926	.850
MAX RADIUS	2.163	1.714	1.634
HORIZONTAL SPREAD	2.703	2.703	2.703
VERTICAL SPREAD	3.794	2.874	1.864
EXTREME SPREAD	3.913	2.930	2.751
NUMBER IN ONE INCH CIRCLE	=	3	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	7	

08/11/58

FILE: PATTERNING/CENTERFIRE_PATT/C8225395

CENTERFIRE PATTERNS # 2

FOR



+ OF SHOTS = 10

IN 1 IN

1 IN = 2

2 IN = 5

3 IN = 10

2 IN = 5.17

3 IN = 5.386

5 IN = 5.970

PATTERN #

2

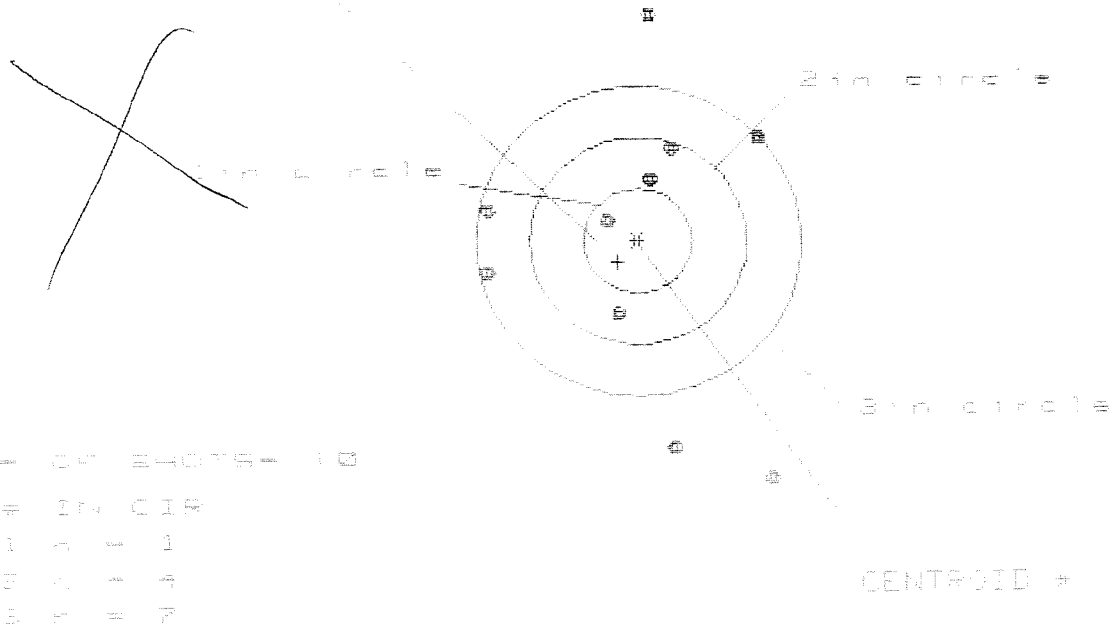
	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.746	1.432	1.199
MINIMUM X	-2.171	-1.966	-1.966
MAXIMUM Y	1.818	1.643	1.432
MINIMUM Y	-1.568	-1.568	-1.362
CENTROID X	.003	-.302	.069
CENTROID Y	.239	.414	.208
FOR TO CENTROID (IN)	.239	.512	.219
MIN RADIUS	.187	.284	.223
MEAN RADIUS	1.537	1.387	1.189
MAX RADIUS	3.162	2.487	2.007
HORIZONTAL SPREAD	4.917	3.298	3.167
VERTICAL SPREAD	3.386	3.211	2.754
EXTREME SPREAD	5.970	3.894	3.258
NUMBER IN ONE INCH CIRCLE	=	2	
NUMBER IN TWO INCH CIRCLE	=	2	
NUMBER IN THREE INCH CIRCLE	=	5	

18 Apr 1968

FILE: /PATTERNING/CENTERFIRE_PATT/06025399

CENTERFIRE PATTERNS # 3

POB



= OF 24075- 10

IN CIR

1 in = 1

2 in = 4

3 in = 7

HS= 2.224

VS= 4.525

GS= 4.623

PATTERN #

3

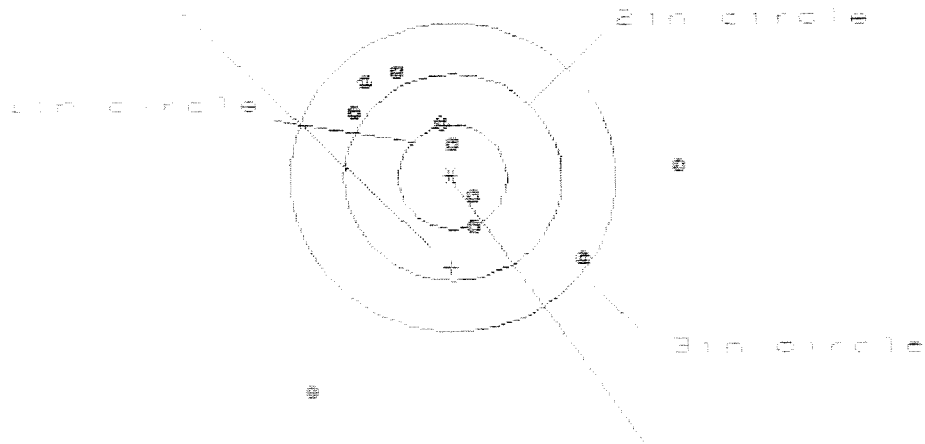
PATTERN #	10	9	0
SHOTS (BEST OF)	10	9	0
MAXIMUM X	1.165	1.258	1.266
MINIMUM X	-1.356	-1.227	-1.195
MAXIMUM Y	2.224	1.971	1.949
MINIMUM Y	-2.288	-2.217	-1.978
CENTROID X	.185	.056	.024
CENTROID Y	.284	.457	.210
POB TO CENTROID (in)	.275	.460	.212
MIN RADIUS	.337	.114	.241
MEAN RADIUS	1.361	1.164	1.098
MAX RADIUS	2.561	2.260	2.026
HORIZONTAL SPREAD	2.521	2.483	2.483
VERTICAL SPREAD	4.505	4.188	2.919
EXTREME SPREAD	4.623	4.192	3.031
NUMBER IN ONE INCH CIRCLE	=	1	
NUMBER IN TWO INCH CIRCLE	=	4	
NUMBER IN THREE INCH CIRCLE	=	7	

15 Apr 1988

FILE/PATTERNING/CENTERFIRE_PATT/08225899

CENTERFIRE PATTERNS # 4

FOR



OF SHOTS = 10

IN CIR

1 in = 3

2 in = 4

3 in = 3

MS = 1.587

US = 2.178

GS = 4.088

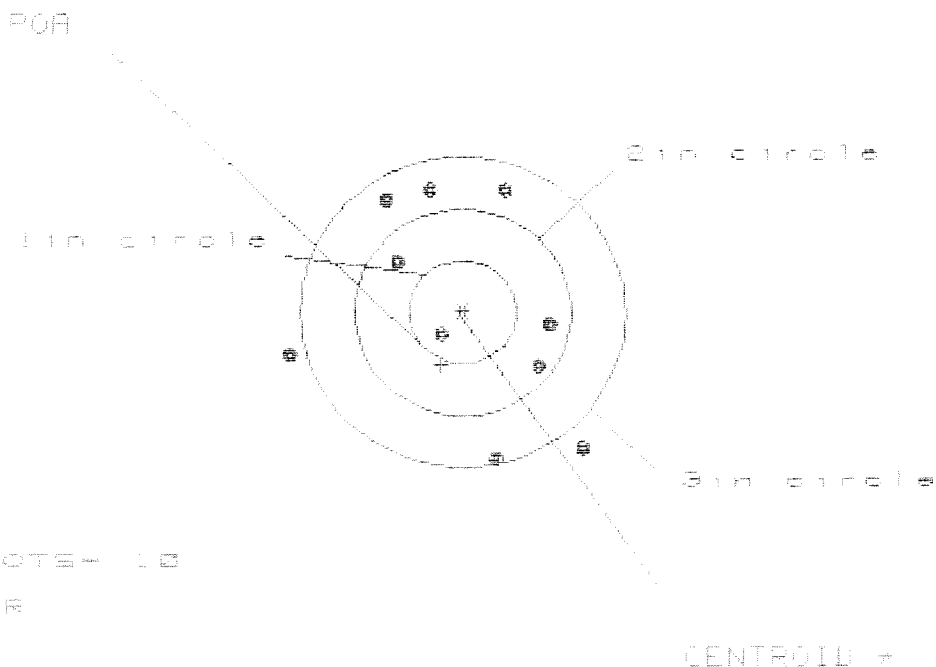
CENTROID +

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.128	1.984	1.285
MINIMUM X	-1.299	-1.057	-.809
MAXIMUM Y	1.059	.823	.805
MINIMUM Y	-2.120	-1.000	-1.018
CENTROID X	.011	.155	-.093
CENTROID Y	.875	1.111	1.129
FOR TO CENTROID in.	.875	1.122	1.132
MIN RADIUS	.277	.178	.137
MEAN RADIUS	1.114	.940	.761
MAX RADIUS	2.487	1.989	1.639
HORIZONTAL SPREAD	3.427	3.041	2.094
VERTICAL SPREAD	3.179	1.823	1.823
EXTREME SPREAD	4.088	3.088	2.605
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

19 Apr 1992

FILE:/PATTERNING/CENTERFIRE_PATT/C6225399

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 5

LS= 2.531

VS= 2.649

GS= 2.995

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.132	.961	.776
MINIMUM X	-1.599	-1.473	-1.755
MAXIMUM Y	1.221	1.079	1.006
MINIMUM Y	-1.428	-1.570	-1.643
CENTROID X	.199	.073	.258
CENTROID Y	.516	.658	.731
POA TO CENTROID in.	.553	.662	.775
MIN RADIUS	.301	.384	.514
MEAN RADIUS	1.150	1.075	1.004
MAX RADIUS	1.710	1.625	1.660
HORIZONTAL SPREAD	2.731	2.434	1.531
VERTICAL SPREAD	2.649	2.649	2.649
EXTREME SPREAD	2.995	2.711	2.711
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

Barrel

R&E NO.

SERIAL NO. C6225399

LOG IN DATE: / /

DATE

INIT.

INSPECT & VERIFY:

OP. #

OP. NAME

550

DIS-ASSEMBLE GUN

560 A

RE-BARREL AT CUSTOM SHOP

B

DRILL & TAP

C

POLISH

575

ASSEMBLE

600

PROOF

6/6/96

RW

605

CHECK HEADSPACE

6/6/96

RW

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

6/20/96

RW

655

FINAL INSPECT

6/20/96

RW

660

PACK

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6225399

DATE REC'D: 5/30/96

DATE RET'D:

AUDITOR: *lu*

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: _____

Remington[®]

MODEL 700TM H24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.

VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.

REG. U.S. PAT. & TM. OFF.

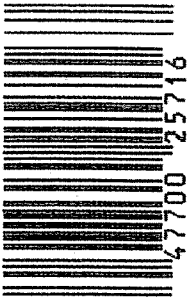
SERIAL NO.
C6225399

ORDER NO.
5716



5716 C6225399

UPC



0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6225399

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock	1 25	89	RW
600	Proof	1 25	89	RW
607	Check Headspace	1 25	89	RW
610	Dis-assemble Gun	1 25	80	RW
612	Magnaflux Barrel Action		1-27-89	PJC.
	Magnaflux Bolt		1-27-89	KCR
615	Rollmark Caliber		1/30	G.S.
617	Drill and Tap Sight Holes	2 1	89	FB
618	Polish Barrel	2 1	89	BT
620	Apply Coatings (Barrel Action)		2-10-89	ASX
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/21/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/21/89	RW
	C) Inspect Ejector Hole for Chamfer		2/21/89	RW
	D) Oil Firing Pin Ass'y		2/21/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/26/89	JSS

BARBER - M24 0060059							
op. #	OP. NAME	READINGS			DATE	INITIAL	
625 cont.	F) Safety On Force	4	4	5	2/26/89	JS	
	G) Safety Off Force	3	3	3	2/26/89	JS	
	H) Trigger Pull Test & Retainability				2/26/89	JS	
	I) Firing Pin Indent	.0205	.021	.0205	2/26/89	JS	
	J) Assemble Stock				2/27/89	RW	
	K) Assemble Swivel Studs				6 Mar 89	JS	
	L) Attach Front and Rear Sight Assemblies				2/27/89	RW	
	M) Iron Sight Alignment				2/27/89	RW	
	N) Detach Front & Rear Sights & place in numbered container				2/27/89	RW	
	O) Attach Scope to Rifle				2/28/89	WB	
	P) Detach & Attach Scope 20 Times				2/28/89	WB	
640	Gallery Target & Test	73 R	79 L		3-1-89	AC	
	A) Time				"	AC	
	B) Malfunctions			NONE	"	AC	
	C) Pierced Primers			NONE	"	AC	
	D) Optical Clarity of Scope			OK	"	AC	
645	Inspect for Live Ammo			NONE	3-1-89	AC	
655	Final Inspection						
	A) Headspace				6 Mar 89	JS	
	B) Trigger Pull	2.21	2.24	2.30	2.24	2.34	6 Mar 89
	C) Function				6 Mar 89	JS	
660	Pack				3/22	WB	

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 5399

DATE _____

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.41	2.40	2.05	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.37	2.30	2.07	
PULL #3	2.38	2.13	2.16	
PULL #4	2.39	2.24	2.05	
PULL #5	2.50	2.47	2.12	
TOTAL	12.05	11.54	10.45	
AVG.	2.41	2.30	2.09	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.15		
PULL #2	2.95	3.12		
PULL #3	3.03	2.95		
PULL #4	3.05	2.93		
PULL #5	3.04	3.25		
TOTAL	15.21	15.40		
AVG.	3.04	3.08		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.44		
PULL #2	4.35	4.36		
PULL #3	4.56	4.47		
PULL #4	4.33	4.42		
PULL #5	4.59	4.40		
TOTAL	22.07	22.09		
AVG.	4.41	4.41		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225399
6 Mar 1989

CENTROIDAL DISTANCES

0 TO	1	.37054
1 TO	2	.478358
1 TO	3	.428688
1 TO	4	.609611
1 TO	5	.316564

400
#1

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0000
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0000
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0983749
THE AMR FOR THIS RIFLE IS: .8974

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225389

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.902

VS= 1.832

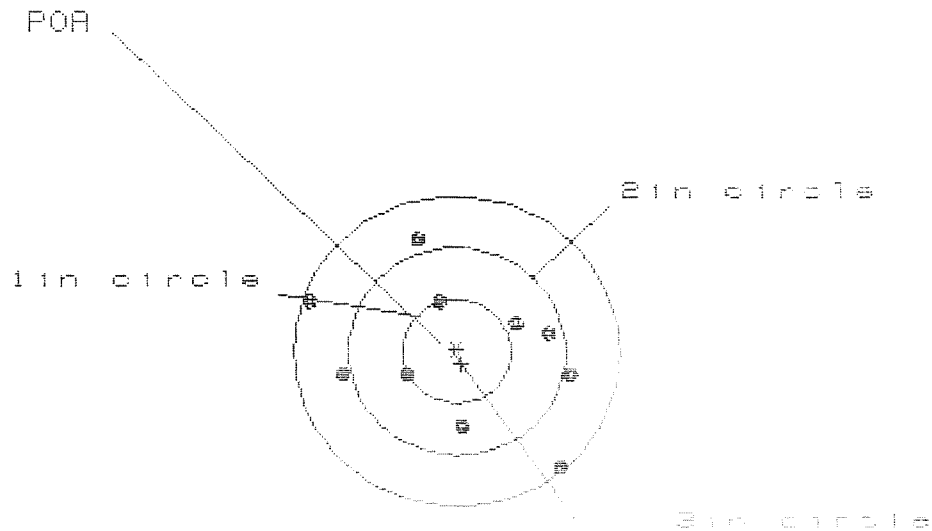
GS= 3.192

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	9
MAXIMUM X	1.772	1.297	1.152
MINIMUM X	-1.130	-1.953	1.014
MAXIMUM Y	.900	.797	.754
MINIMUM Y	-.931	-.932	-.832
CENTROID X	.308	.111	.192
CENTROID Y	-.206	-.103	-.203
POA TO CENTROID in.	.371	.152	.279
MIN RADIUS	.395	.348	.308
MEAN RADIUS	.953	.802	.771
MAX RADIUS	2.002	1.275	1.174
HORIZONTAL SPREAD	2.902	2.166	2.166
VERTICAL SPREAD	1.832	1.729	1.586
EXTREME SPREAD	3.192	2.187	2.172
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225389

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 5

3 in = 10

HS= 2.405

VS= 2.164

GS= 2.856

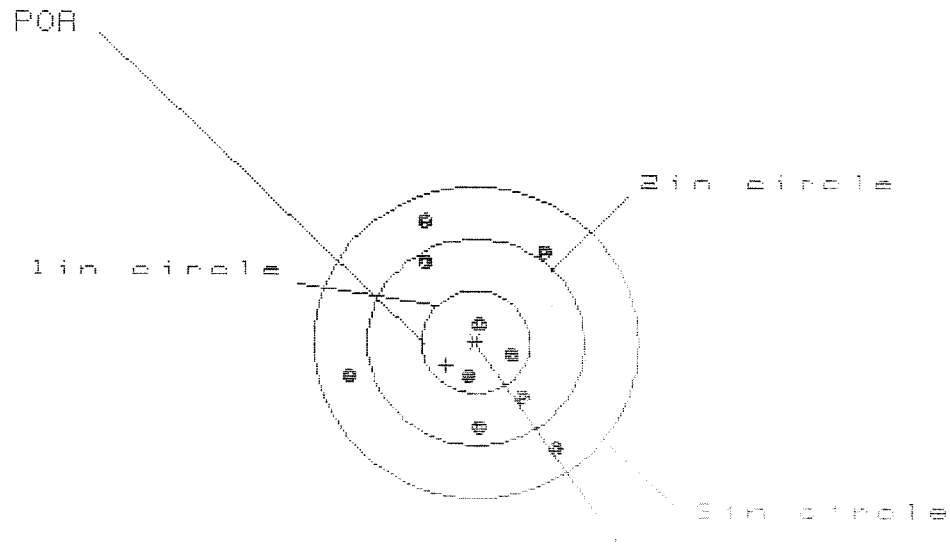
CENTROID

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.012	.857	.957
MINIMUM X	:	-1.393	-1.255	-1.155
MAXIMUM Y	:	1.041	1.098	.965
MINIMUM Y	:	-1.123	-1.066	-.777
CENTROID X	:	-.043	.112	.012
CENTROID Y	:	.119	.062	.195
POA TO CENTROID in.	:	.126	.128	.196
MIN RADIUS	:	.499	.483	.443
MEAN RADIUS	:	.938	.866	.795
MAX RADIUS	:	1.483	1.330	1.202
HORIZONTAL SPREAD	:	2.405	2.112	2.112
VERTICAL SPREAD	:	2.164	2.164	1.742
EXTREME SPREAD	:	2.856	2.507	2.113
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			5	
NUMBER IN THREE INCH CIRCLE =			10	

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225399

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 6

3 in = 10

HS= 1.913

VS= 2.177

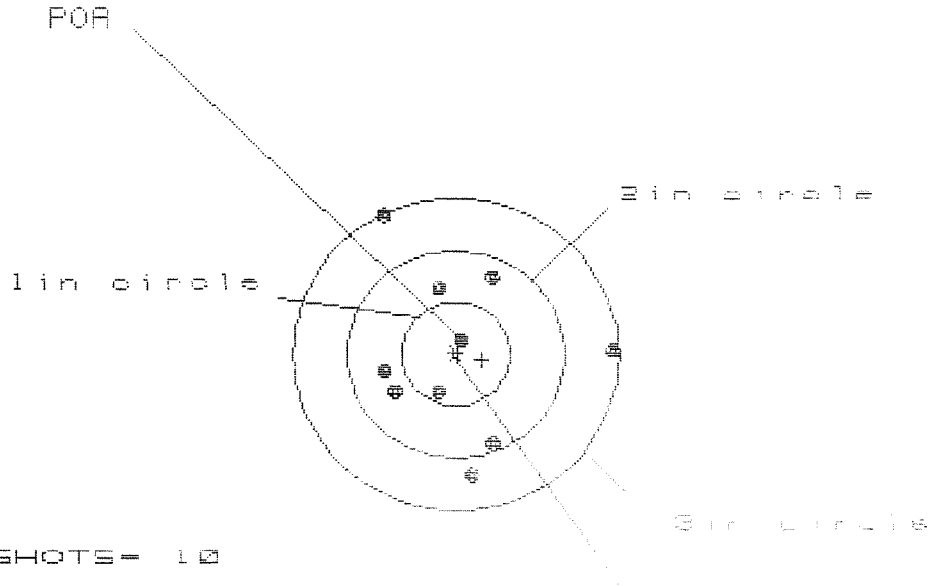
GS= 2.513

PATTERN #	3	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.756	.701	.659
MINIMUM X	-1.157	-1.212	-1.125
MAXIMUM Y	1.165	.990	.880
MINIMUM Y	-1.012	-.883	-.776
CENTROID X	.270	.325	.238
CENTROID Y	.221	.092	.202
POA TO CENTROID in.	.349	.338	.312
MIN RADIUS	.212	.204	.238
MEAN RADIUS	.804	.732	.691
MAX RADIUS	1.267	1.222	1.156
HORIZONTAL SPREAD	1.913	1.913	1.784
VERTICAL SPREAD	2.177	1.873	1.656
EXTREME SPREAD	2.513	2.184	2.120
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	10		

2 Mar 1989

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CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 7

3 in = 10

HS= 2.142

VS= 2.498

GS= 2.634

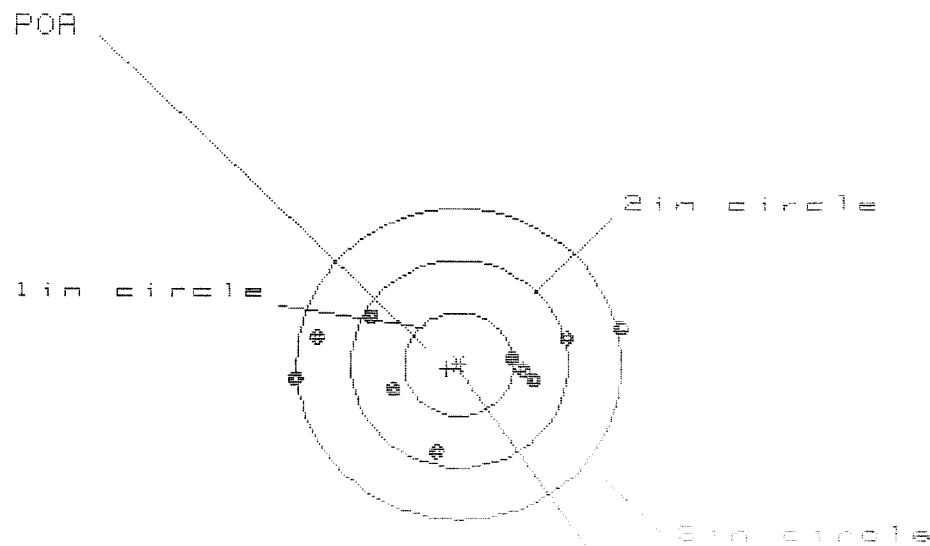
CENTROID =

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.436	1.360	.441
MINIMUM X	:	-.785	-.782	-.612
MAXIMUM Y	:	1.315	.848	.868
MINIMUM Y	:	-1.183	-1.037	-1.017
CENTROID X	:	-.241	-.164	-.334
CENTROID Y	:	.059	-.087	-.107
POA TO CENTROID in.	:	.248	.186	.351
MIN RADIUS	:	.127	.278	.182
MEAN RADIUS	:	.827	.761	.646
MAX RADIUS	:	1.483	1.369	1.046
HORIZONTAL SPREAD	:	2.142	2.142	1.053
VERTICAL SPREAD	:	2.498	1.885	1.885
EXTREME SPREAD	:	2.634	2.147	1.895
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

2 Mar 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6225389

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.995

VS= 1.322

GS= 3.046

CC RADIS =

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.510	1.189	1.024
MINIMUM X	:	-1.485	-1.317	-1.265
MAXIMUM Y	:	.452	.495	.479
MINIMUM Y	:	-.870	-.827	-.843
CENTROID X	:	.110	-.058	.107
CENTROID Y	:	.041	-.002	.014
POA TO CENTROID in.	:	.117	.058	.108
MIN RADIUS	:	.450	.478	.458
MEAN RADIUS	:	.965	.900	.824
MAX RADIUS	:	1.558	1.324	1.300
HORIZONTAL SPREAD	:	2.995	2.506	2.289
VERTICAL SPREAD	:	1.322	1.322	1.322
EXTREME SPREAD	:	3.046	2.545	2.289
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	