

5680 7672

Replaces

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: RE00133012

Serial: E6413475 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

High Priority

Status:

Closed 8/22/2007 7:14:24 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: XR WOK8 USA ROCK ISL ARSENAL

XR WOK8 USA ROCK ISL ARSENAL

Address 2: BLDG 299 GILLESPIE AVE BECK PO Box:

BLDG 299 GILLESPIE AVE BECK PO Box:

City: ROCK ISLAND

ROCK ISLAND

State: IL

Zip Code: 61299

Country: US

State: IL

Zip Code: 61299

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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

8/22/2007

7:52 AM

CAPS

NUM

INS

SCRL

start

Inbox - Mic...

Calendar - M...

FW: Restrict...

Arms Service...

7:52 AM

Serial Number

~~E6413475~~

Model: M24 SWS



RE00133012

Replaced by

G6867672

E-6413475 - NEW
C-6225154 - OLD

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER <u>133012</u>				
SERIAL NUMBER <u>E641345</u> - <u>G6807672</u>				
LOG-IN DATE <u>8-22-07</u>				
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		3-24-09	RTZ
505	RE-BARREL		3-24-09	RTZ
420	ASSEMBLE		3-24-09	RTZ
440	PROOF	MAGNA-FLUX	3-24-09	RTZ
460	CHECK HEADSPACE		3-24-09	RTZ
470	DIS-ASSEMBLE GUN		3-24-09	RTZ
480	MAGNAFLUX	OPERATOR	3-24-09	
510	DRILL AND TAP		3-25-09	JP
500	ROLLMARK CALIBER		3-27-09	RT
520	GOFF BLAST BBL / REC		3-27	BT
530 & 540	APPLY COATINGS		3-28	
560	FINAL ASSEMBLY		3-30-09	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	3-30-09	L.P.D.
650	TARGET	<u>PASS</u> FAIL	3-30-09	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	3-30-09	RP
670	FINAL INSPECTION A) HEADSPACE	PASS FAIL	3-31-09	WN
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.59 2.55 2.49 2.37 2.42 3-31-09	WN
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	4 4 4 3-31-09	WN
	G) SAFETY OFF FORCE	2 LBS MIN	3.5 3.5 3.5 3-31-09	WN
	I) FIRING PIN INDENT	.020	.023 .023 .023 3-31-09	WN
690	PACK		4/7/09	FW

F006 REV 1/2009

3/24/2009 5:13:06 PM

Crib

Original

25729

M/24 7.62 NATO (RIFLE W/SIGHTS)



.MA25729

Shop Order: SW25729



.ABSW25729

Start Date: 3/27/2009

Finish Date: 4/14/2009

0520

Goff Blast Barrel & Rec Assembly,

78R0TC



0007883514

0547

Gray Sandstrom Coat Bolt Assemblies

01PC00



0007883531

0610

Assemble Action to Stock.

89SWS1



0007883522

0690

Pack Rifle & Stencil SWS Container

89SWS1



.OP0690

M/24 7.62 NATO (RIFLE W/SIGHTS)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518
F1931 FOLDING INSERT

BM FORM 1651



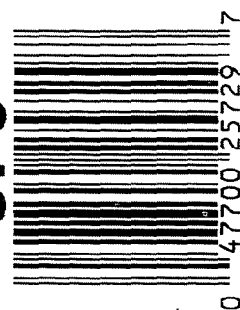
ORDER NO. **25729**

BARREL LENGTH **24"**

CAPACITY **5**

G6807672

UPC



Do Not Use

Remington®



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

M/24 7.62 NATO (RIFLE W/SIGHTS)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

SERIAL NO.
G6807672

BM

ORDER NO.
25729

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



25729 G6807672

03CD

Do Not Use

ORDER 25729
M/24 7.62 NATO (RIFLE W/SIGHTS)

UPC



ORDER 25729
M/24 7.62 NATO (RIFLE W/SIGHTS)

UPC



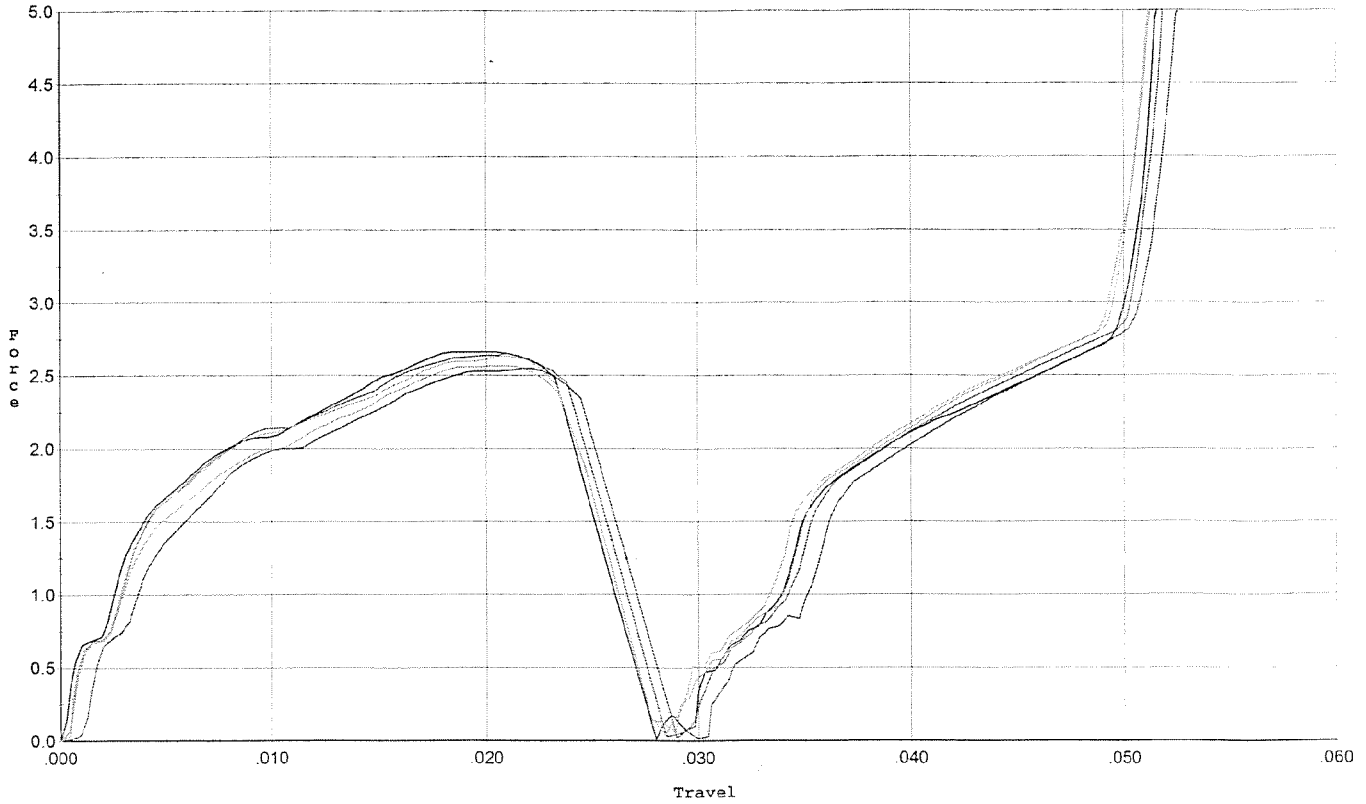
SERIAL NO.



Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/27/2009

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



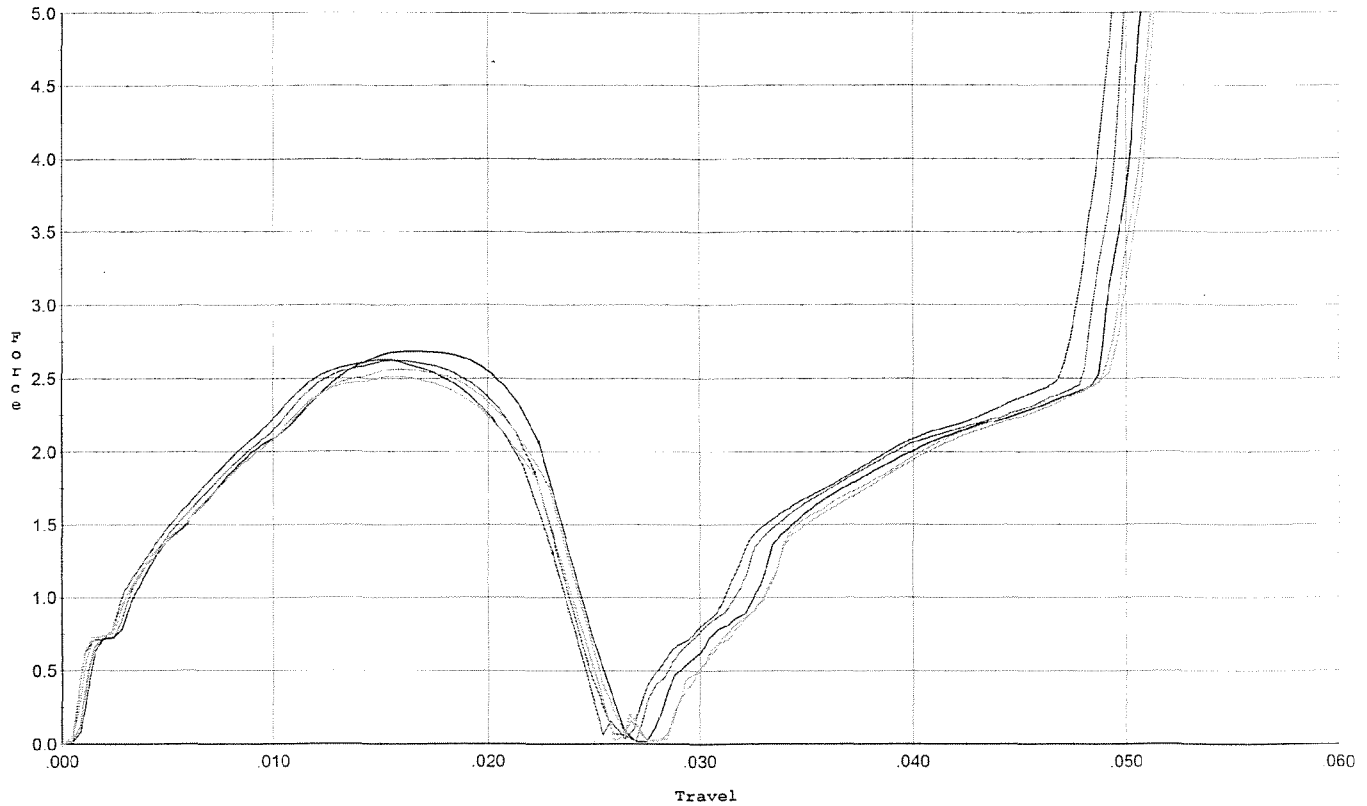
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.548	0.027	0.00	0.033	0.048		Set Trigger
2	2.661	0.023	0.00	0.033	0.045		Set Trigger
3	2.650	0.026	0.00	0.032	0.050		Set Trigger
4	2.631	0.025	0.00	0.032	0.047		Set Trigger
5	2.564	0.025	0.00	0.032	0.046		Set Trigger

A-2-61

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: C Schults 3/27/2009

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



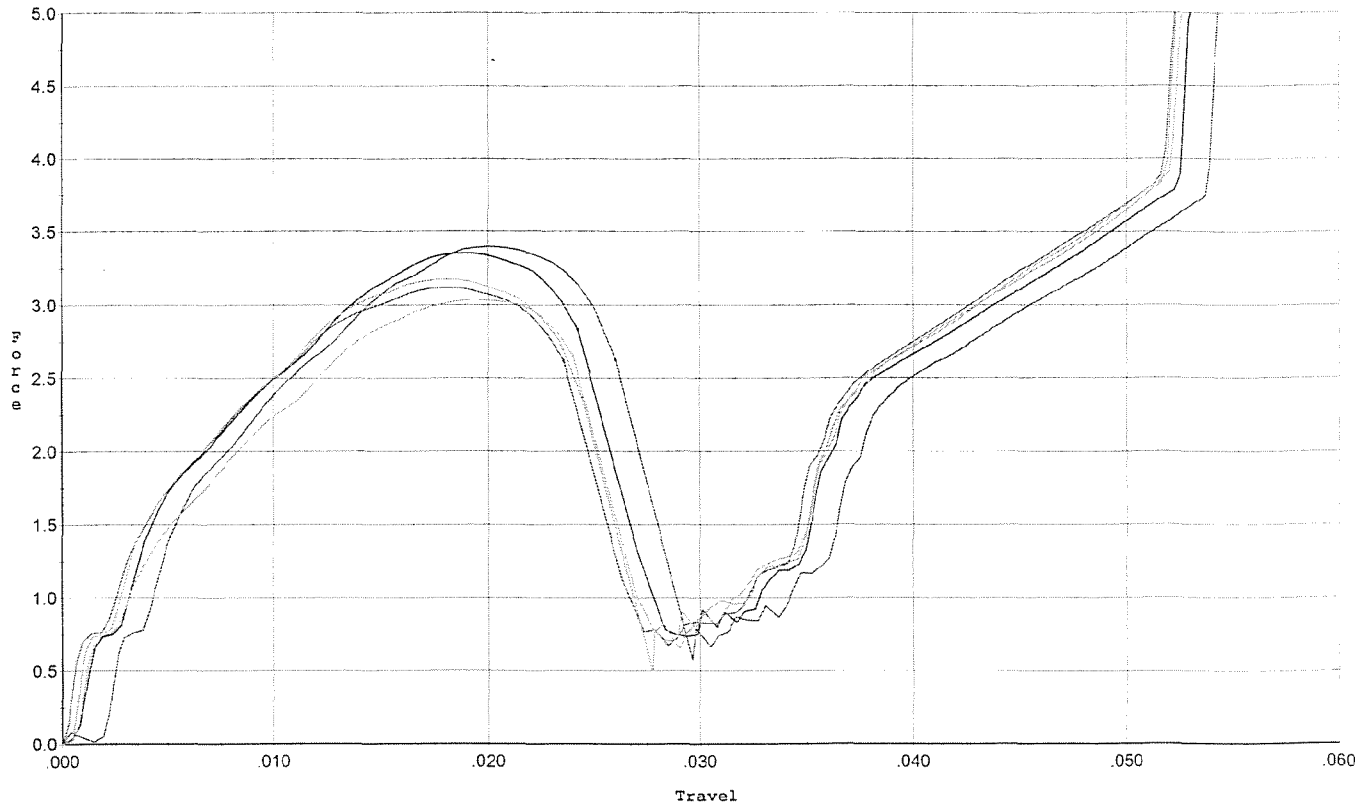
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.625	0.023	0.00	0.032	0.042		Set Trigger
2	2.682	0.022	0.00	0.033	0.041		Set Trigger
3	2.623	0.022	0.00	0.033	0.041		Set Trigger
4	2.512	0.024	0.00	0.034	0.042		Set Trigger
5	2.564	0.023	0.00	0.034	0.041		Set Trigger

A-2.60

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/27/2009

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



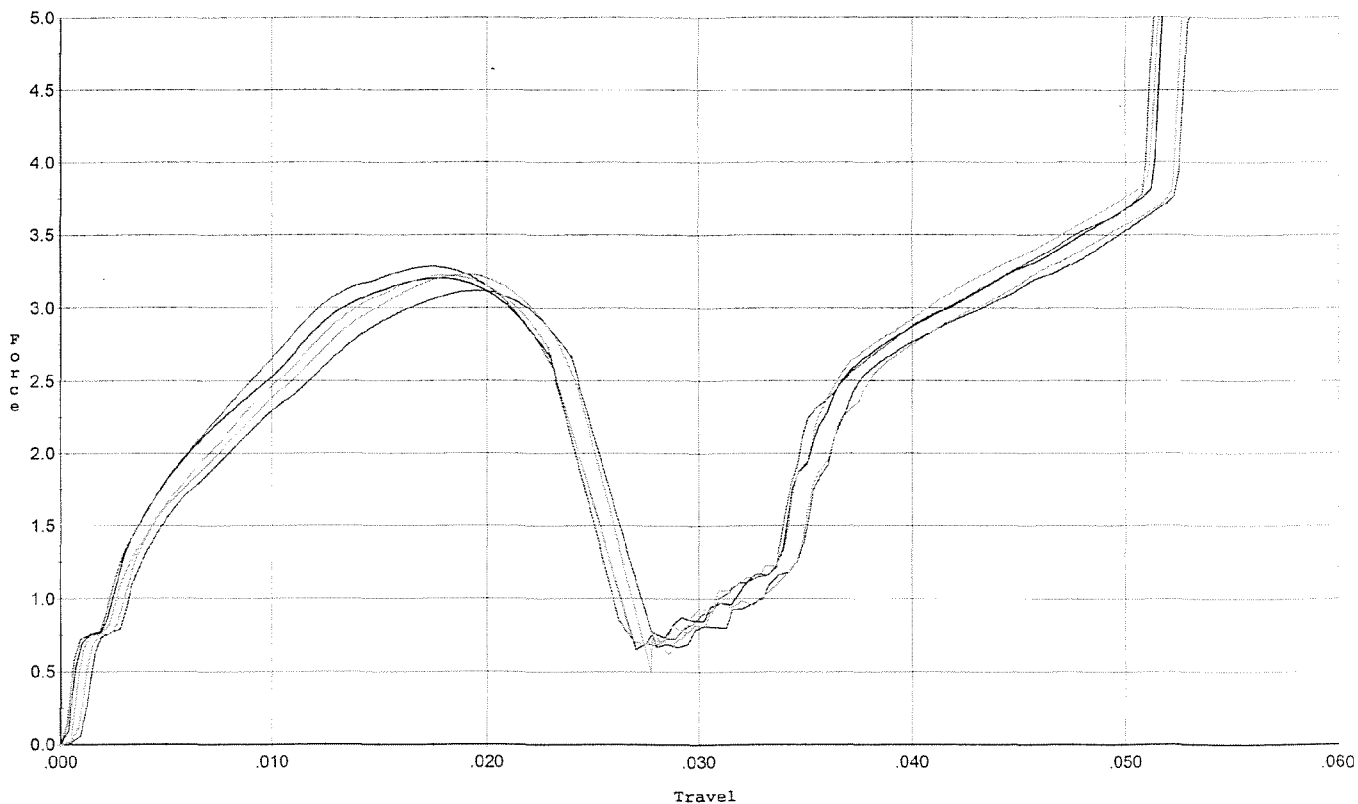
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.396	0.026	0.002	0.033	0.058		Set Trigger
2	3.353	0.024	0.00	0.033	0.056		Set Trigger
3	3.117	0.024	0.00	0.033	0.052		Set Trigger
4	3.037	0.024	0.00	0.033	0.050		Set Trigger
5	3.174	0.024	0.00	0.032	0.055		Set Trigger

A3.21

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/27/2009

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



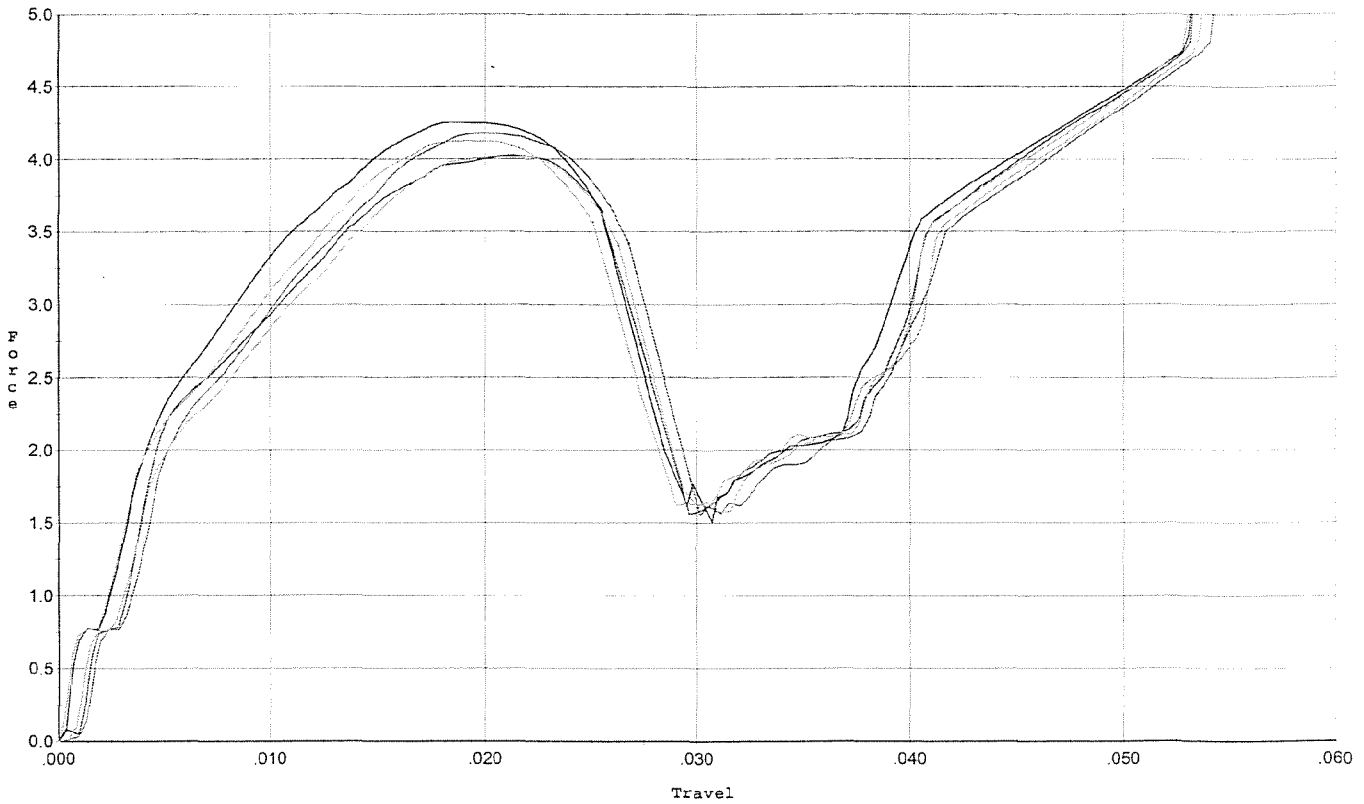
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.115	0.024	0.00	0.033	0.051		Set Trigger
2	3.202	0.023	0.00	0.033	0.052		Set Trigger
3	3.284	0.023	0.00	0.032	0.053		Set Trigger
4	3.221	0.023	0.00	0.033	0.051		Set Trigger
5	3.226	0.024	0.00	0.033	0.053		Set Trigger

A-3.21

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/27/2009

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



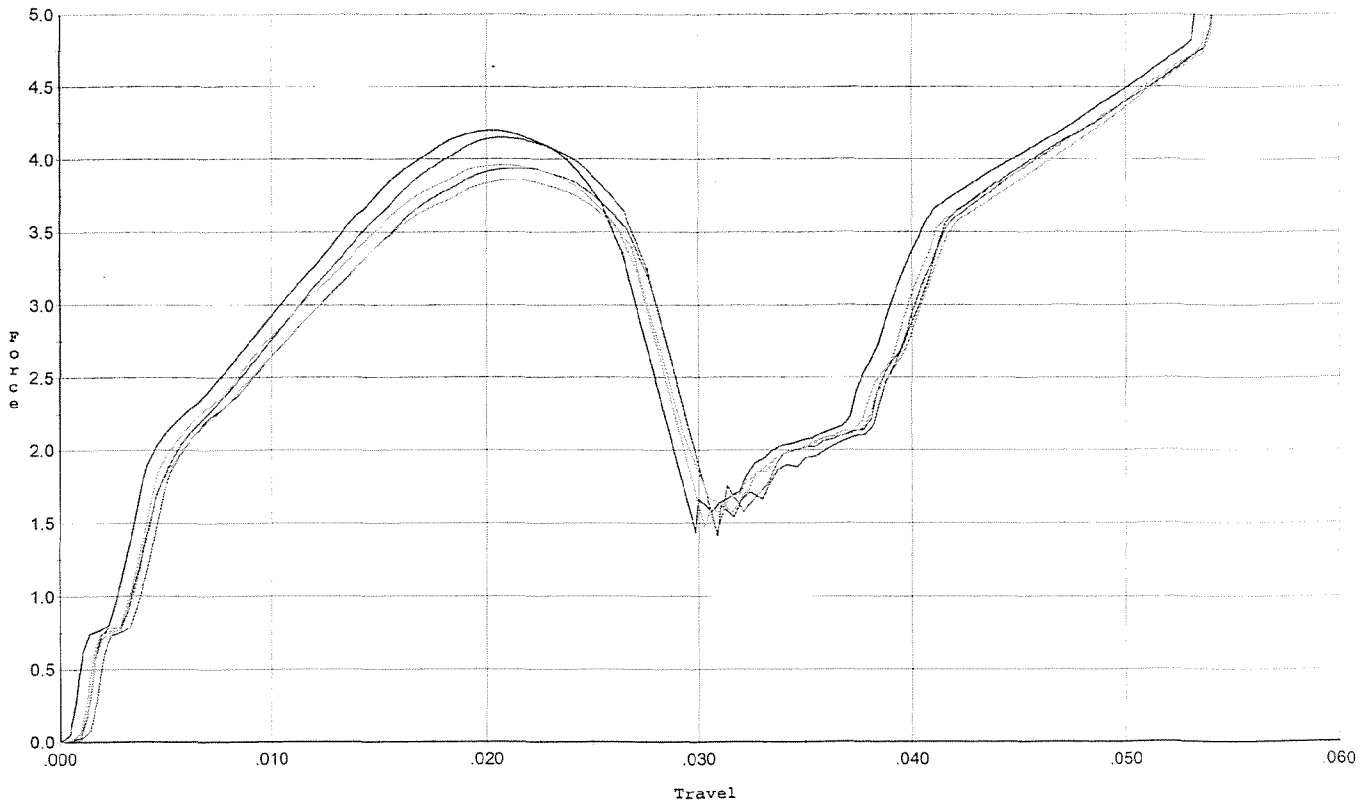
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.021	0.027	0.00	0.027	0.076		Set Trigger
2	4.255	0.025	0.00	0.030	0.076		Set Trigger
3	4.176	0.027	0.00	0.027	0.075		Set Trigger
4	4.031	0.026	0.00	0.029	0.072		Set Trigger
5	4.128	0.025	0.00	0.030	0.072		Set Trigger

A 4.12

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/27/2009

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



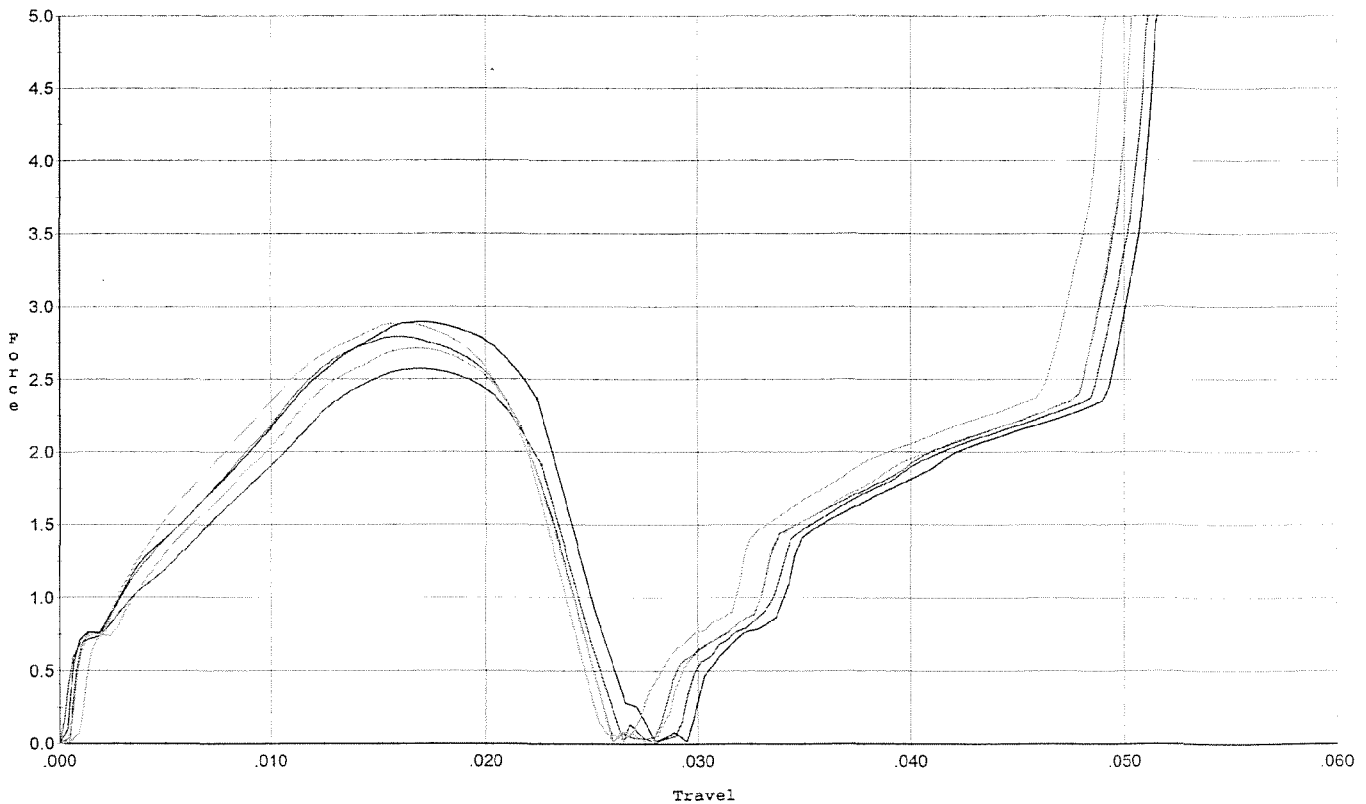
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.150	0.028	0.00	0.026	0.076		Set Trigger
2	4.197	0.026	0.00	0.026	0.075		Set Trigger
3	3.936	0.028	0.00	0.026	0.073		Set Trigger
4	3.961	0.027	0.00	0.026	0.073		Set Trigger
5	3.857	0.027	0.00	0.027	0.070		Set Trigger

A.4.02

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/27/2009

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



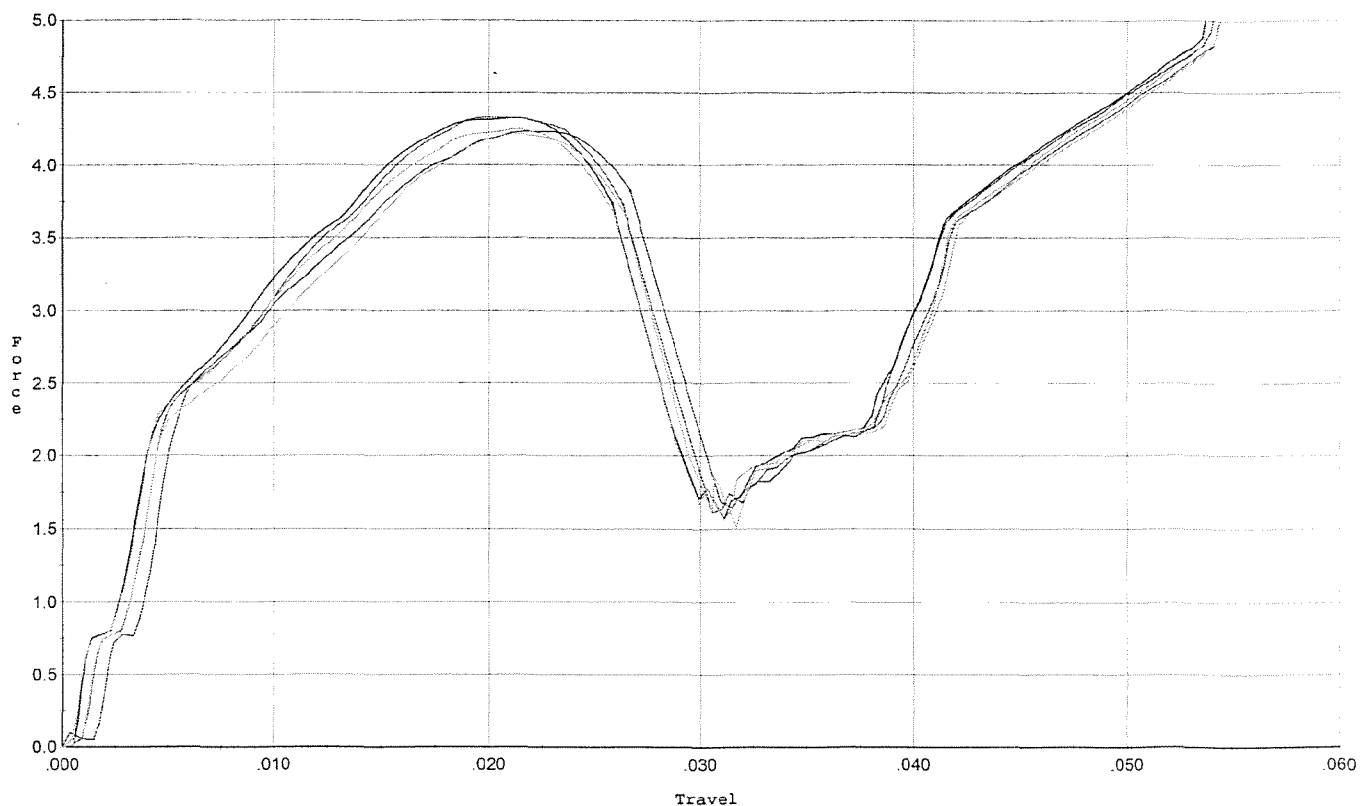
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.573	0.023	0.00	0.034	0.040		Set Trigger
2	2.894	0.022	0.00	0.034	0.044		Set Trigger
3	2.791	0.023	0.00	0.033	0.044		Set Trigger
4	2.881	0.022	0.00	0.033	0.044		Set Trigger
5	2.713	0.023	0.00	0.032	0.042		Set Trigger

A-2-77

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/27/2009

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.232	0.027	0.002	0.025	0.076		Set Trigger
2	4.326	0.026	0.00	0.029	0.077		Set Trigger
3	4.329	0.026	0.00	0.026	0.078		Set Trigger
4	4.212	0.026	0.00	0.026	0.075		Set Trigger
5	4.246	0.026	0.00	0.029	0.076		Set Trigger

A 4.26

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6807672.__0
FILE DATE AND TIME: 03/31/2009 06:26

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.034
The Average Y Centroid of the Five Target Set:	-0.076
The Average Point of Impact of the Five Target Set:	0.083
The Average Mean Radius of the Five Target Set:	0.559
The Distance from POA to Centroid Target #1:	0.031
The Distance from Centroid Target #2 to Centroid Target #1:	0.341
The Distance from Centroid Target #3 to Centroid Target #1:	0.225
The Distance from Centroid Target #4 to Centroid Target #1:	0.258
The Distance from Centroid Target #5 to Centroid Target #1:	0.056

SERIAL NUMBER: G6807672. 0

TARGET NUMBER: 1

FILE DATE: 03/31/2009

FILE TIME: 06:26

POINT#	X	Y
1:	-0.837	-0.311
2:	-0.157	-0.573
3:	0.601	0.252
4:	-0.135	0.565
5:	0.438	0.064
6:	-0.101	0.282
7:	-0.099	0.047
8:	0.026	-0.120
9:	0.089	0.048
10:	-0.083	-0.089

X CENTROID: -0.026

Y CENTROID: 0.017

POA TO CENTROID: 0.031

HORZ SPREAD: 1.438

VERT SPREAD: 1.138

GROUP SPREAD: 1.544

MIN RADIUS: 0.079

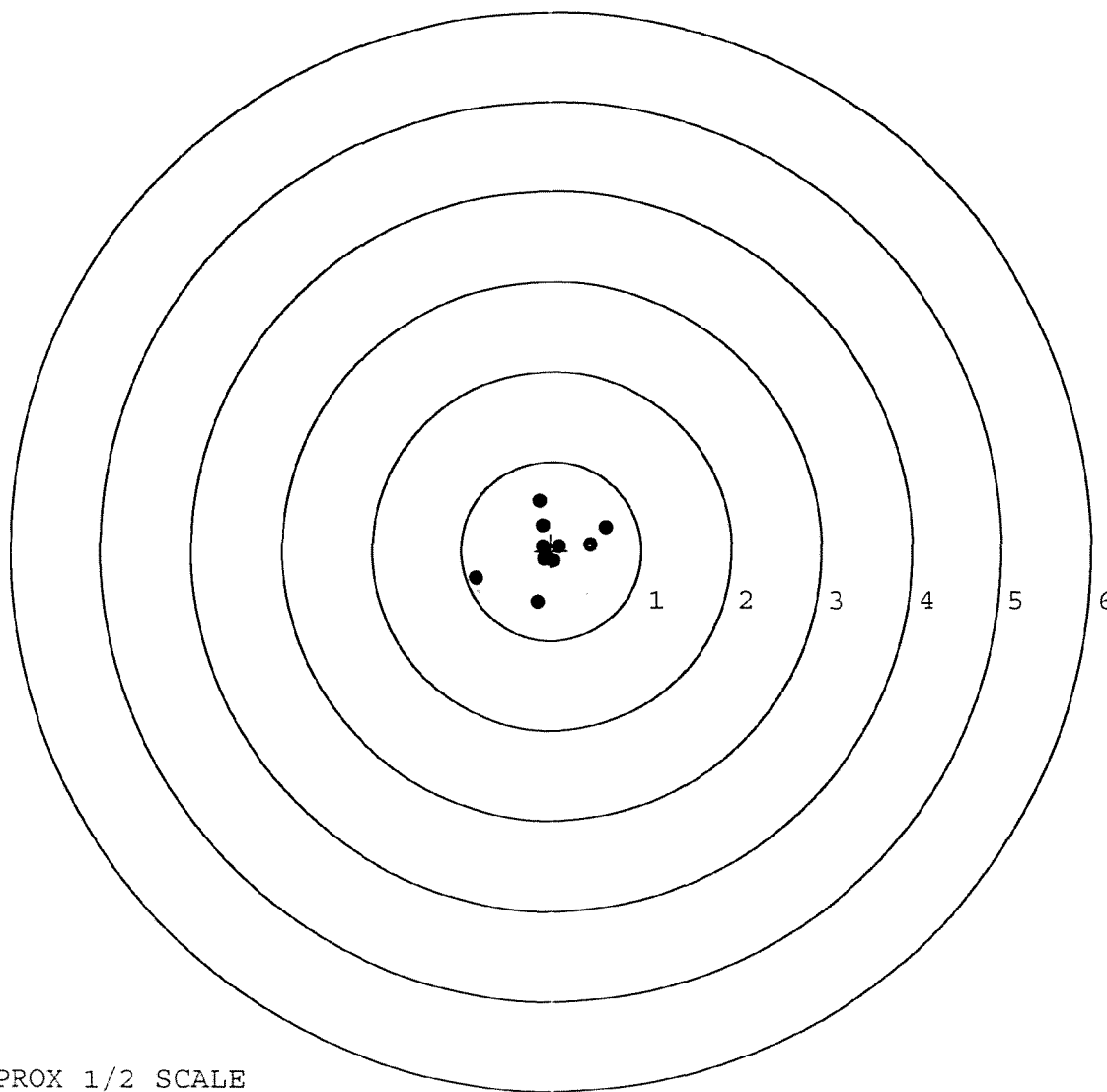
MAX RADIUS: 0.875

MEAN RADIUS: 0.391

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

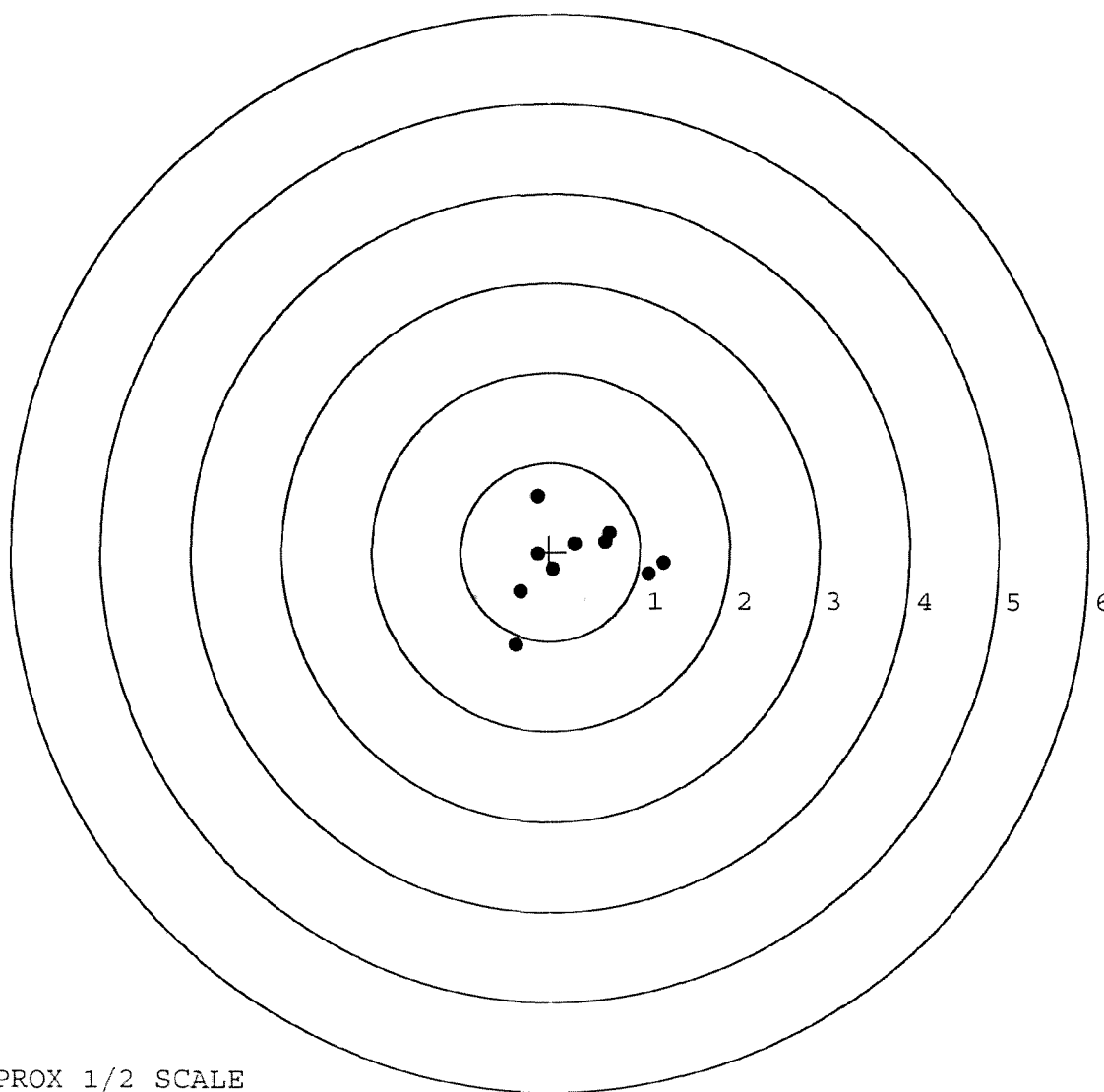


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6807672. __0
TARGET NUMBER: 2
FILE DATE: 03/31/2009
FILE TIME: 06:26

POINT#	X	Y
1:	1.264	-0.129
2:	1.096	-0.253
3:	-0.146	0.628
4:	-0.392	-1.048
5:	-0.332	-0.443
6:	0.037	-0.199
7:	-0.139	-0.023
8:	0.660	0.210
9:	0.610	0.112
10:	0.269	0.089

X CENTROID: 0.293
Y CENTROID: -0.106
POA TO CENTROID: 0.311
HORZ SPREAD: 1.656
VERT SPREAD: 1.676
GROUP SPREAD: 1.894
MIN RADIUS: 0.196
MAX RADIUS: 1.165
MEAN RADIUS: 0.629
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

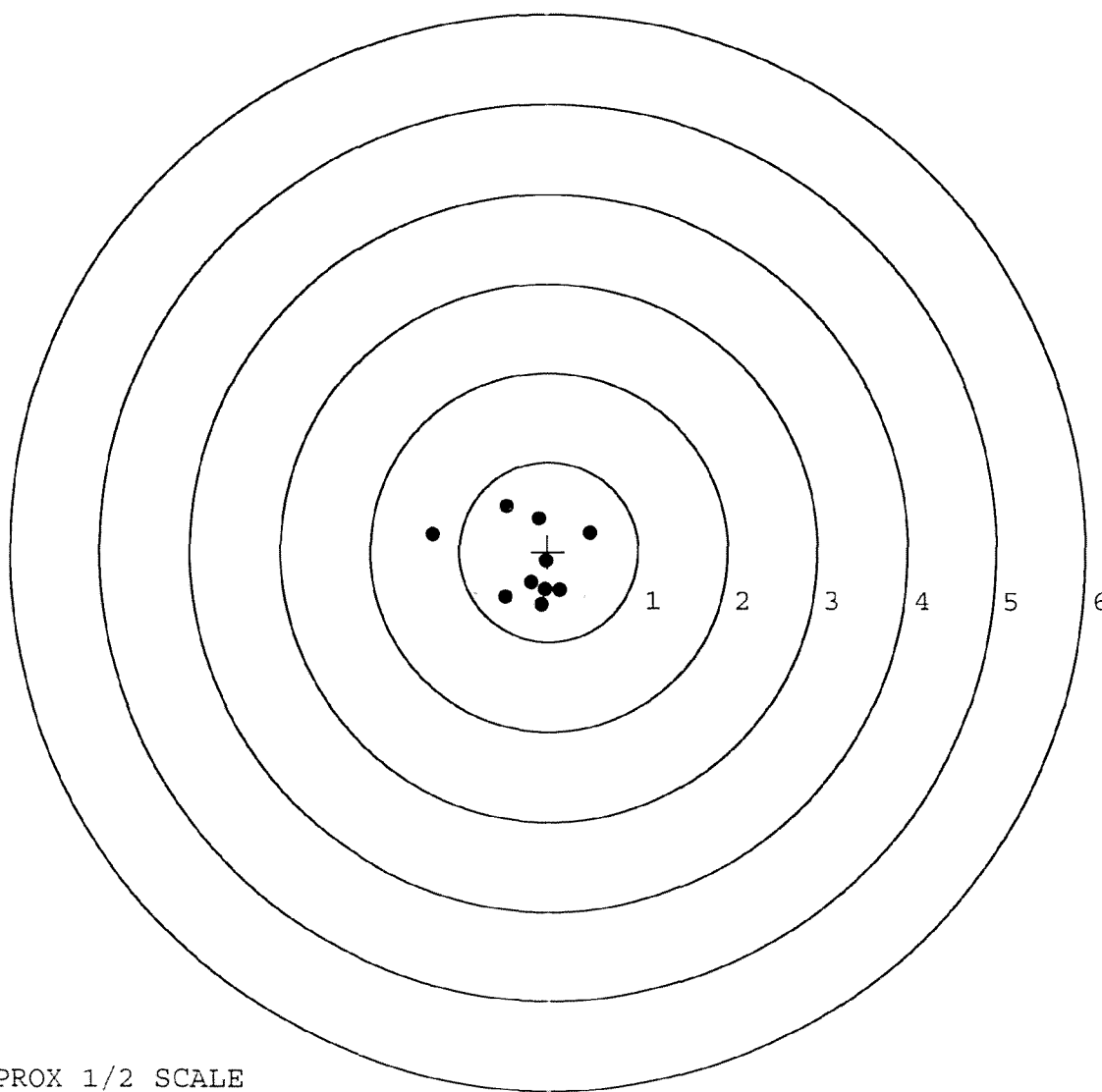


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6807672. 0
TARGET NUMBER: 3
FILE DATE: 03/31/2009
FILE TIME: 06:26

X CENTROID: -0.210
Y CENTROID: -0.112
POA TO CENTROID: 0.238
HORZ SPREAD: 1.770
VERT SPREAD: 1.094
GROUP SPREAD: 1.770
MIN RADIUS: 0.186
MAX RADIUS: 1.137
MEAN RADIUS: 0.526
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-1.306	0.191
2:	0.464	0.211
3:	-0.473	0.506
4:	-0.110	0.367
5:	-0.079	-0.588
6:	-0.482	-0.510
7:	0.133	-0.428
8:	-0.192	-0.343
9:	-0.025	-0.102
10:	-0.034	-0.426



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6807672. 0

TARGET NUMBER: 4

FILE DATE: 03/31/2009

FILE TIME: 06:26

X CENTROID: 0.087

Y CENTROID: -0.216

POA TO CENTROID: 0.233

HORZ SPREAD: 1.598

VERT SPREAD: 1.329

GROUP SPREAD: 1.995

MIN RADIUS: 0.019

MAX RADIUS: 1.141

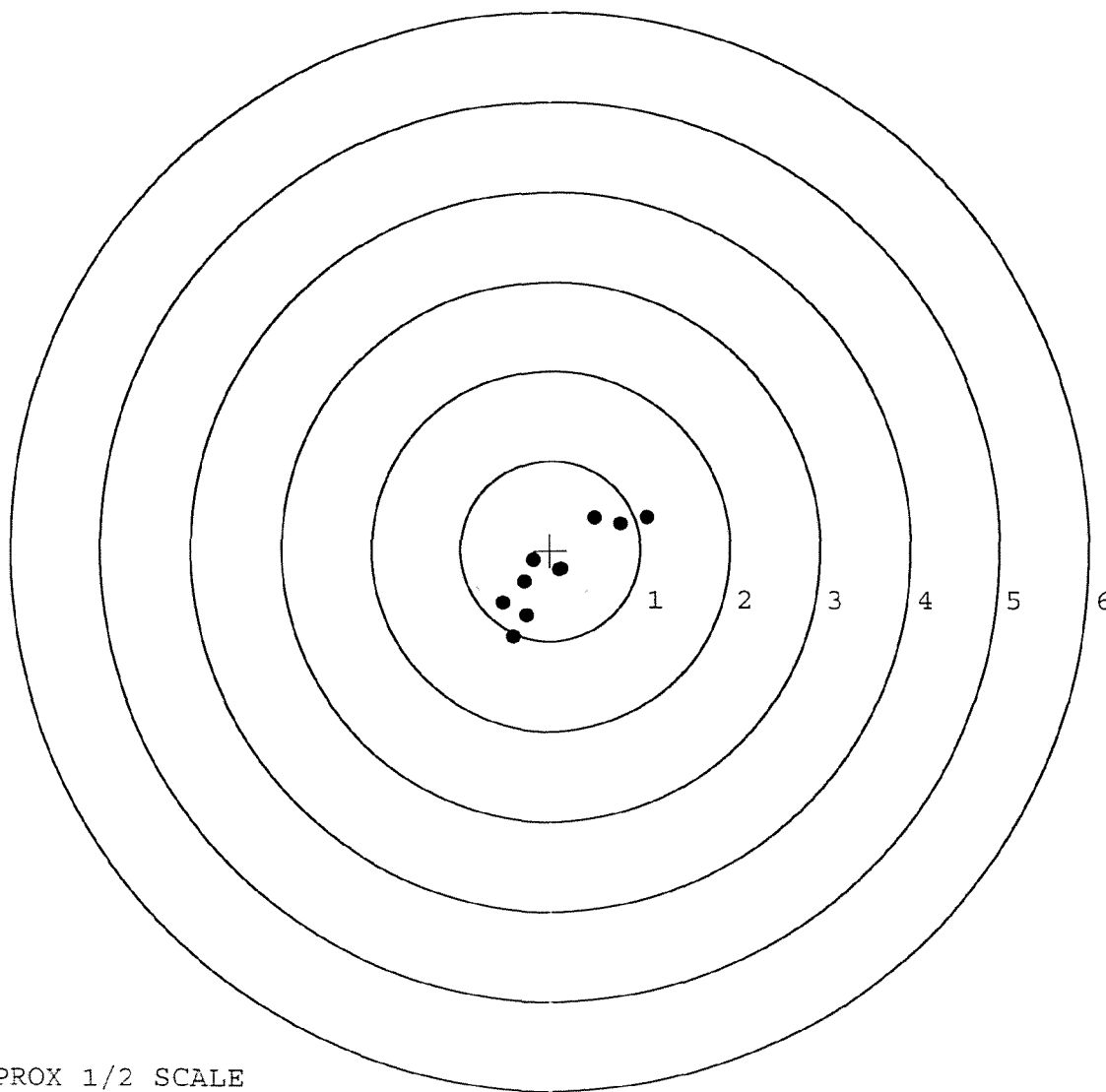
MEAN RADIUS: 0.569

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.121	-0.213
2:	1.070	0.364
3:	0.779	0.289
4:	0.487	0.356
5:	-0.418	-0.965
6:	-0.273	-0.721
7:	-0.528	-0.592
8:	-0.288	-0.350
9:	-0.187	-0.107
10:	0.105	-0.220

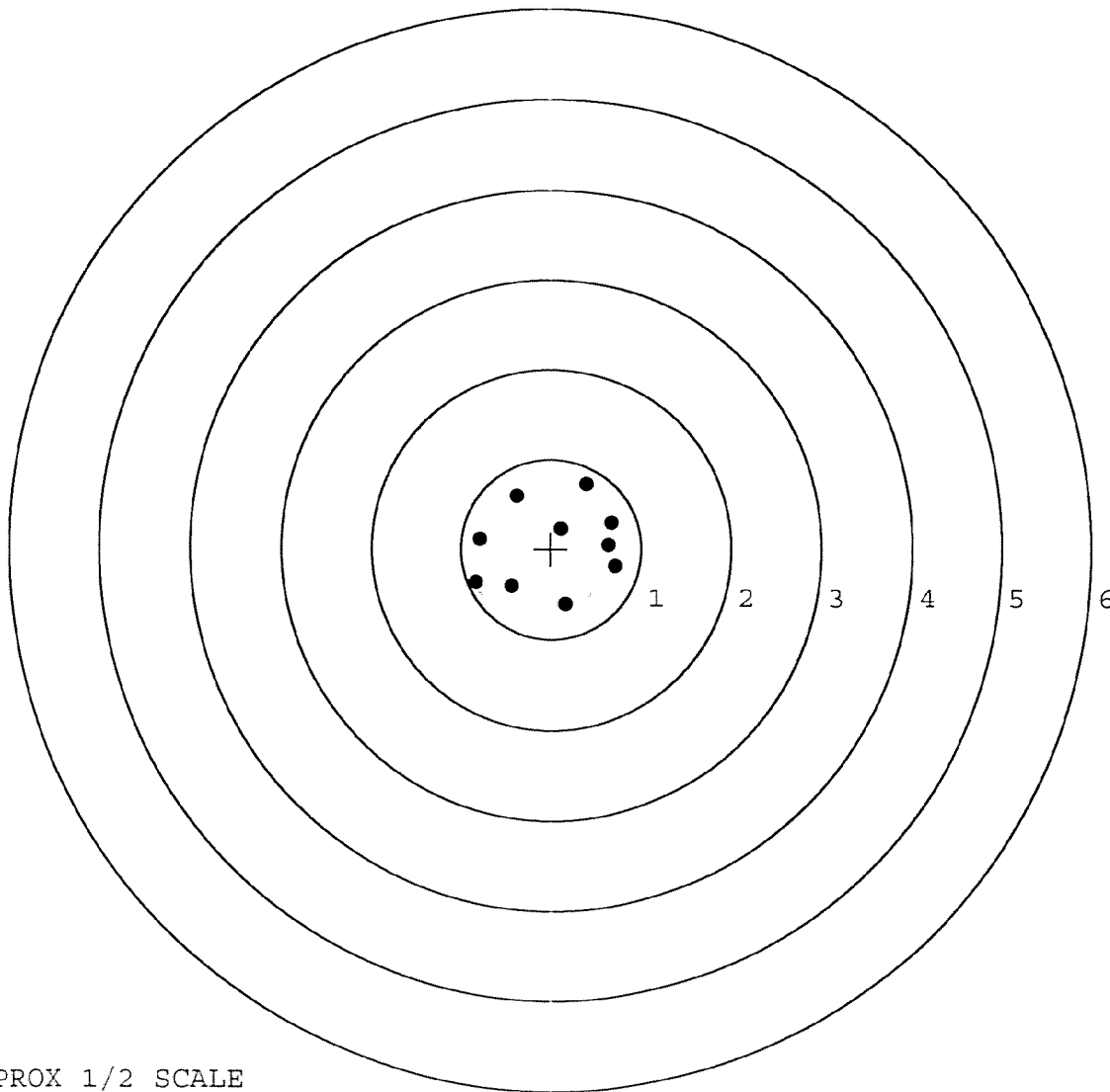


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6807672. __0
TARGET NUMBER: 5
FILE DATE: 03/31/2009
FILE TIME: 06:26

X CENTROID: 0.026
Y CENTROID: 0.038
POA TO CENTROID: 0.046
HORZ SPREAD: 1.543
VERT SPREAD: 1.340
GROUP SPREAD: 1.649
MIN RADIUS: 0.207
MAX RADIUS: 0.953
MEAN RADIUS: 0.678
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.671	0.291
2:	0.635	0.046
3:	0.707	-0.199
4:	-0.375	0.587
5:	-0.836	-0.368
6:	0.118	0.224
7:	0.400	0.724
8:	0.161	-0.616
9:	-0.787	0.110
10:	-0.436	-0.415



TARGET APPROX 1/2 SCALE

Serial Number: E6413475

Model: M24 SWS



RE00081063

AVERAGE PULL FORCE BETWEEN

SERIAL NO.

INITIAL & CYCLE TESTS

2.50 LBS (plus or minus 0.50 LBS)

DATE

6-10-04

3.00 LBS (plus or minus 0.75 LBS)

TESTER

TRW

4.00 LBS (plus or minus 1.00 LBS)

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.35	2.37		2.46	
PULL #2	2.18	2.20		2.44	
PULL #3	2.26	2.33		2.44	
PULL #4	2.15	2.40		2.41	
PULL #5	2.16	2.36		2.42	
TOTAL	11.10	11.66		12.17	
AVERAGE	2.22	2.33		2.43	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.19		
PULL #2	3.09	3.15		
PULL #3	3.05	3.01		
PULL #4	3.01	3.29		
PULL #5	3.06	3.22		
TOTAL	15.46	15.86		
AVERAGE	3.09	3.17		

	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	4.46	4.54		4.34
PULL #2	4.40	4.35		4.34
PULL #3	4.42	4.27		4.37
PULL #4	4.51	4.37		4.34
PULL #5	4.42	4.37		4.34
TOTAL	22.21	21.90		21.73
AVERAGE	4.44	4.38		4.34

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1147(R7)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER <i>WDAGB D</i>	1b. CUSTOMER UNIT NAME <i>B 124 IN</i>	1c. PHONE NO <i>9674857</i>	3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO		
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME			
SECTION III - EQUIPMENT DATA							
5. TYPE MNT REQ CODE	6. ID	7. NSN <i>1005012402136</i>	15a. FAILURE DETECTED DURING/WHEN DISCOVERED See DA Pamphlets 738-750 and 738-751		16. CODE (Enter code)		
8. MODEL <i>M24</i>	9. NOUN <i>Rifle, Sniper</i>		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K		
10a. ORG WON/DOC NO	10b. EIC		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE		
11. SERIAL NUMBER <i>E6413475</i>	12. QTY <i>1</i>	13. PD	19. IN WARRANTY? (enter Y or N)		20. ADMIN NO		
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		22. LEVEL OF WORK		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)			23. SIGNATURE				
25. REMARKS <i>Chamber Squeezes trigger Guard Assy on RT Side Rambs Dont Set properly, will not Chamber properly, Has approx 7,000 RD Barrel needs to be Refurbished</i>							

PREPARATION INSTRUCTIONS FOR THIS PAGE

SECTION I

Block 1a. Enter UIC of submitting organization.
 Block 1b. Enter name of submitting organization.
 Block 1c. Enter number to be called when maint. is completed.
 Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit.
 Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751.
 Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.

SECTION II

Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.

SECTION III

Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751.
 Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751.
 Block 7. Enter the NSN or stock number of the item being submitted.
 Block 8. Enter model of item being submitted.
 Block 9. Enter noun/nomenclature of item being submitted.
 Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank.
 Block 10b. Enter End Item Code. See AMDE.

SECTION III (Cont'd)

Block 12. Enter the quantity of items being submitted.
 Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1.
 Block 14. For DSU, GSU/AVIM, DEPOT use.
 Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751.
 Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751.
 Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting.
 Block 17. Enter the project code if one has been assigned. If not, leave blank.
 Block 18. See DA Pamphlets 738-750 and 738-751.
 Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty.
 Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted.
 Block 21. For DSU/GSU/AVIM/Depot use.
 Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act.
 Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank.
 Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maintenance.

assigned when item is submitted. Otherwise, leave blank.
Block 10b. Enter End Item Code. See AMDF.
Block 11. Enter serial number of item being submitted.

Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint.
Block 25. Self-explanatory.

34a. SUBMITTED BY DAVIS Anthony	35a. ACCEPTED BY	35c. DATE
34b. DATE 04.12.7	35b. STATUS	35d. TIME

Block 34a. Enter first initial and last name of submitter.
Block 34b. Enter ordinal date submitted (YYDDD).
Block 35a. Enter first initial and last name of person accepting maint. request.
Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751.
Block 35c. Enter ordinal date accepted (YYDDD).
Block 35d. Enter military time.

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

DA FORM 2765-1, APR 76										USAPA V1.00									
SEND TO: COMMANDER B CO 1-24 IN FT LEWIS WA 98433										REQUEST IS FROM: REMINGTON, ARMS CO INC ATTN: SERVICE DEPT									
WDA6BO										W31G1Z									
A O E										1 0 0 5 0 1 2 4 0 2 1 3 6									
W 8 0 5 G D 41317116										W 31G1Z									
RIFLE SNIPER M24 SER# E6413475										PUBLICATION DATA									
DATE POSTED										INIT									
DATE AVAILABLE										INIT									
DATE RECEIVED										SIGNATURE									

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400016232

[illegible]

REQUEST FOR ISSUE OR TURN-IN (DA Pam 710-2-1)

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: E6413475.__0
FILE DATE AND TIME: 06/11/2004 07:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.048
The Average Y Centroid of the Five Target Set:	-0.028
The Average Point of Impact of the Five Target Set:	0.055
The Average Mean Radius of the Five Target Set:	0.825
The Distance from POA to Centroid Target #1:	0.088
The Distance from Centroid Target #2 to Centroid Target #1:	0.182
The Distance from Centroid Target #3 to Centroid Target #1:	0.141
The Distance from Centroid Target #4 to Centroid Target #1:	0.572
The Distance from Centroid Target #5 to Centroid Target #1:	0.250

SERIAL NUMBER: E6413475. 0

TARGET NUMBER: 1

FILE DATE: 06/11/2004

FILE TIME: 07:01

POINT#	X	Y
1:	-0.022	1.082
2:	0.268	0.339
3:	0.566	-0.346
4:	0.546	-0.534
5:	-0.079	-0.616
6:	-0.523	0.356
7:	-0.193	0.387
8:	0.014	0.018
9:	-0.205	-0.015
10:	-0.194	0.192

X CENTROID: 0.018

Y CENTROID: 0.086

POA TO CENTROID: 0.088

HORZ SPREAD: 1.089

VERT SPREAD: 1.698

GROUP SPREAD: 1.713

MIN RADIUS: 0.068

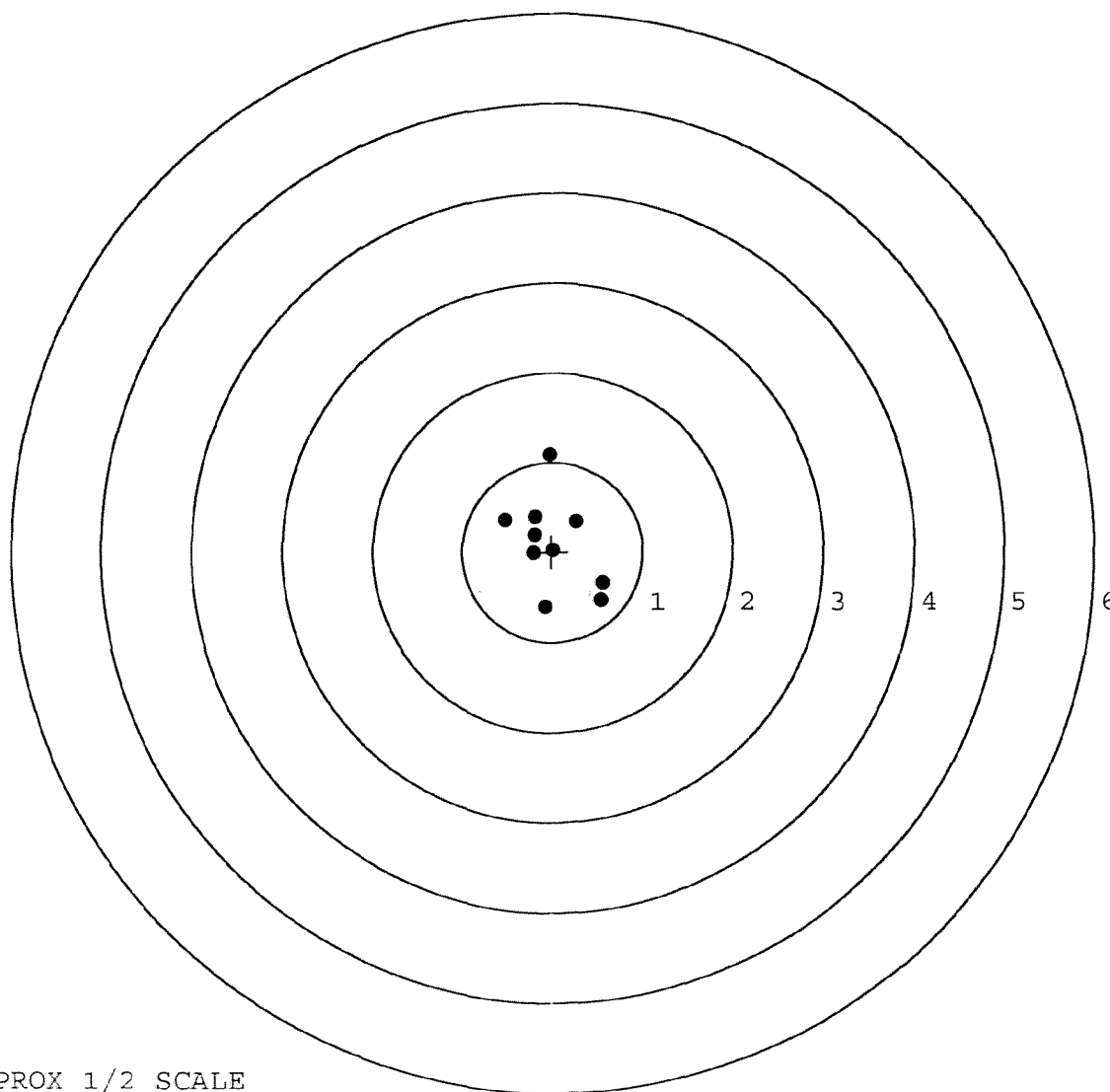
MAX RADIUS: 0.996

MEAN RADIUS: 0.510

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413475. 0

TARGET NUMBER: 2

FILE DATE: 06/11/2004

FILE TIME: 07:01

POINT#	X	Y
1:	1.371	-0.058
2:	0.657	-0.603
3:	0.217	-0.436
4:	0.368	0.143
5:	-0.155	0.439
6:	-0.856	-0.264
7:	-1.826	-0.479
8:	-0.575	1.344
9:	-0.489	0.973
10:	-0.204	0.531

X CENTROID: -0.149

Y CENTROID: 0.159

POA TO CENTROID: 0.218

HORZ SPREAD: 3.197

VERT SPREAD: 1.947

GROUP SPREAD: 3.225

MIN RADIUS: 0.280

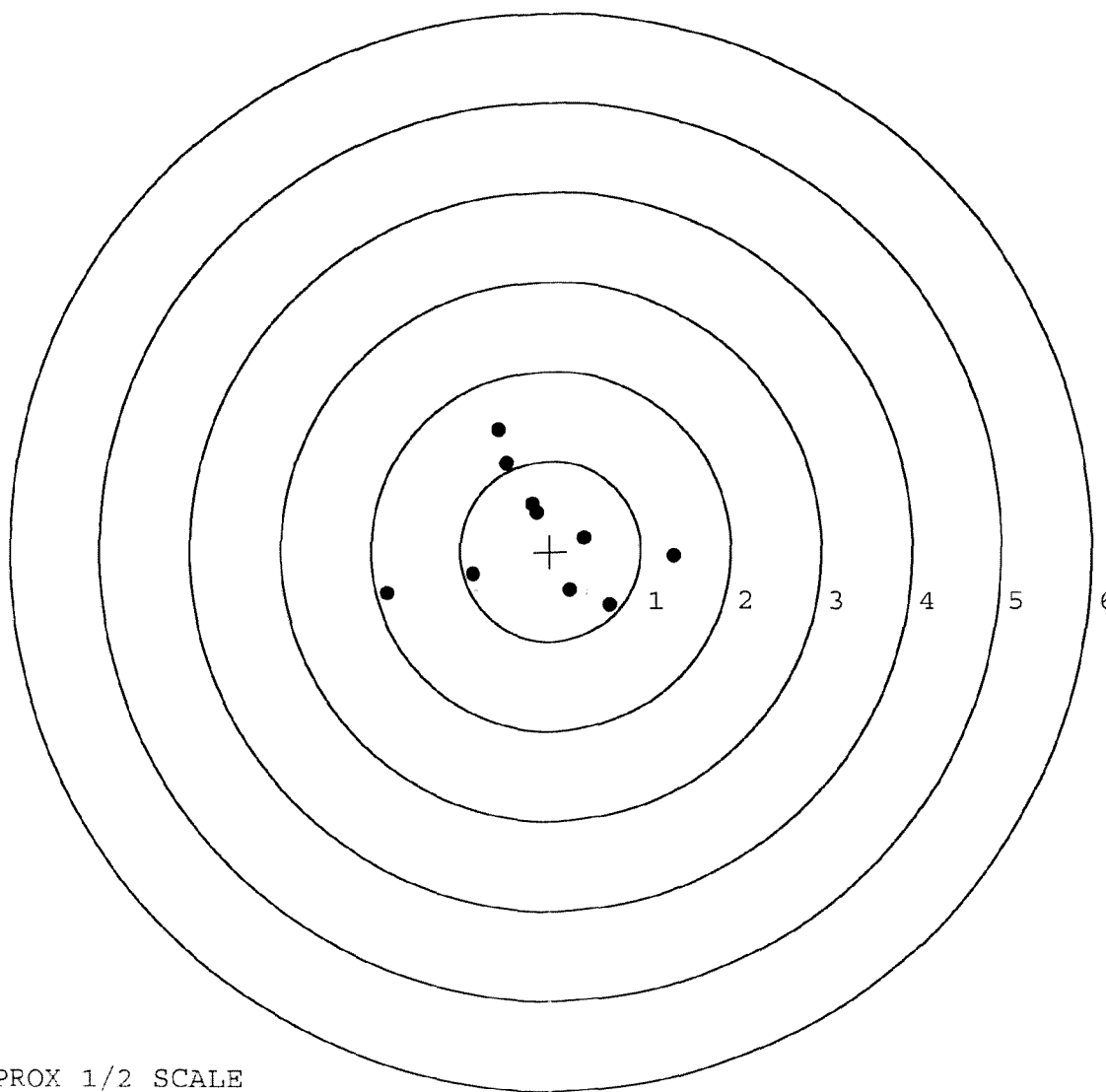
MAX RADIUS: 1.794

MEAN RADIUS: 0.928

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

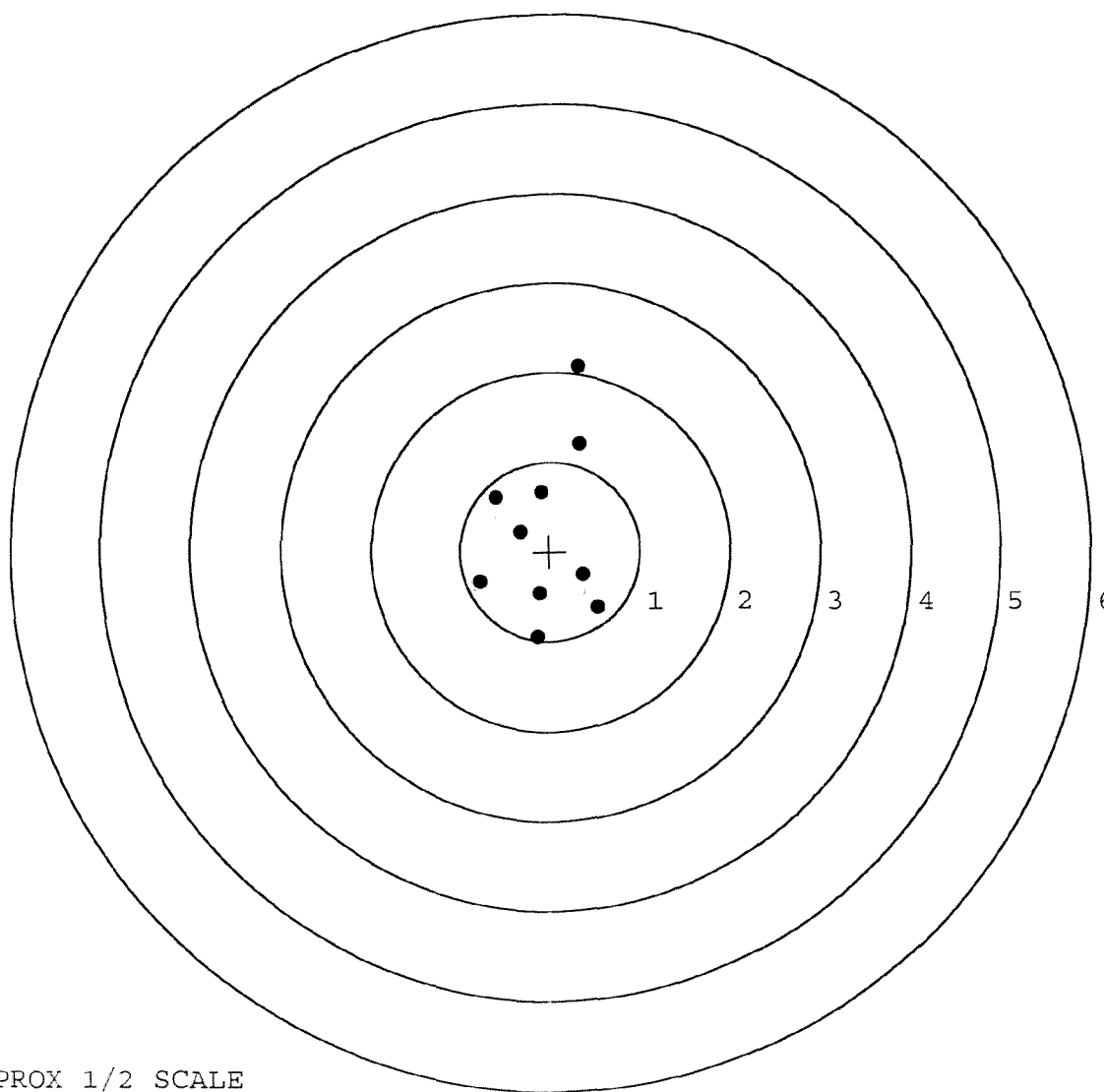


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413475. 0
TARGET NUMBER: 3
FILE DATE: 06/11/2004
FILE TIME: 07:01

X CENTROID: -0.053
Y CENTROID: 0.209
POA TO CENTROID: 0.215
HORZ SPREAD: 1.307
VERT SPREAD: 3.020
GROUP SPREAD: 3.054
MIN RADIUS: 0.275
MAX RADIUS: 1.888
MEAN RADIUS: 0.878
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.313	2.061
2:	0.332	1.203
3:	-0.604	0.602
4:	-0.100	0.664
5:	-0.327	0.223
6:	0.372	-0.266
7:	0.527	-0.624
8:	-0.120	-0.469
9:	-0.140	-0.959
10:	-0.780	-0.346



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413475. __0

TARGET NUMBER: 4

FILE DATE: 06/11/2004

FILE TIME: 07:01

POINT#	X	Y
1:	0.185	-1.803
2:	-0.301	-1.545
3:	0.637	-0.937
4:	0.420	-0.727
5:	0.493	-0.097
6:	0.118	0.835
7:	-0.048	0.334
8:	-0.433	0.025
9:	-0.769	-0.072
10:	0.544	-0.835

X CENTROID: 0.085

Y CENTROID: -0.482

POA TO CENTROID: 0.490

HORZ SPREAD: 1.406

VERT SPREAD: 2.638

GROUP SPREAD: 2.639

MIN RADIUS: 0.415

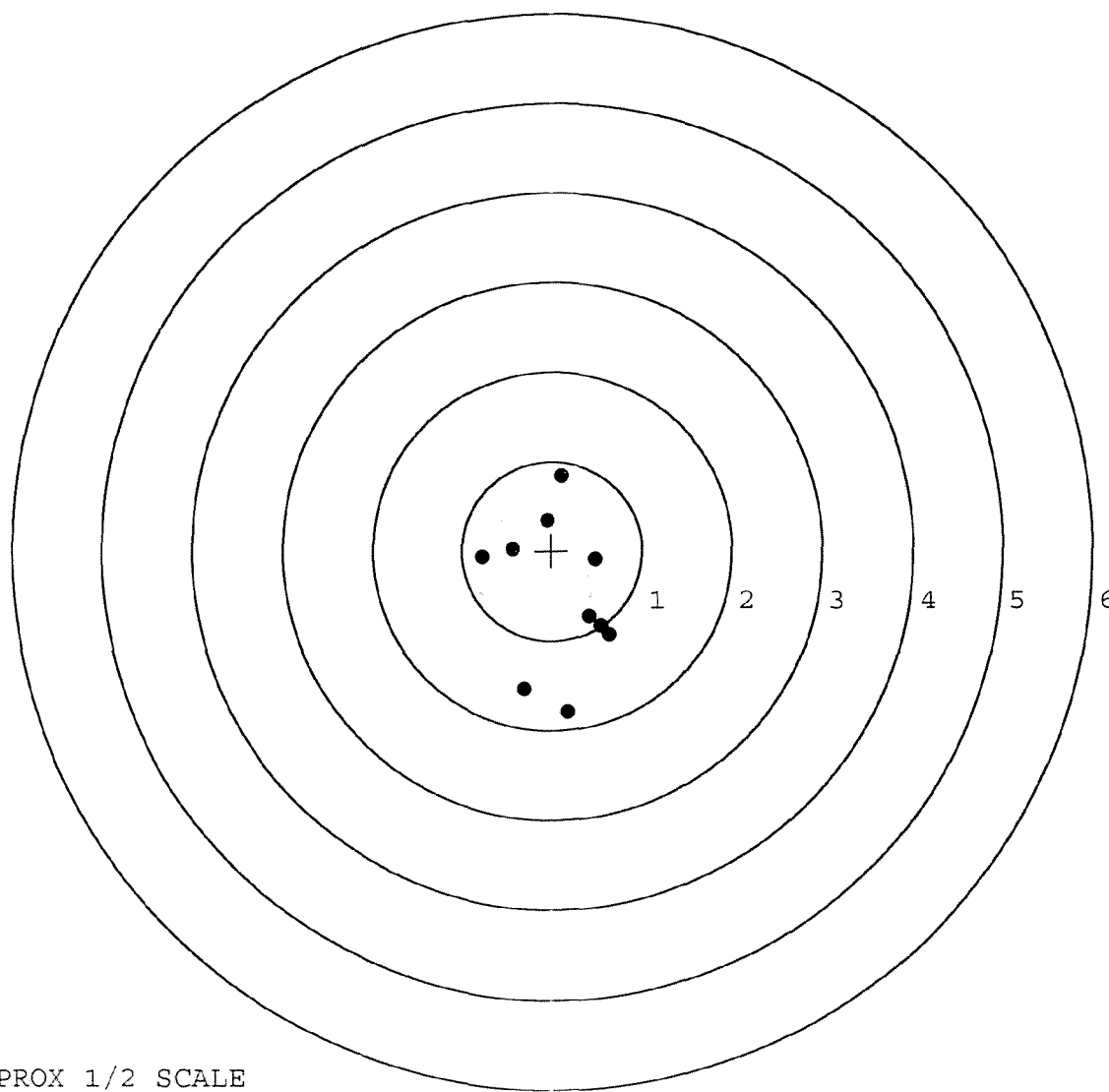
MAX RADIUS: 1.325

MEAN RADIUS: 0.854

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 7

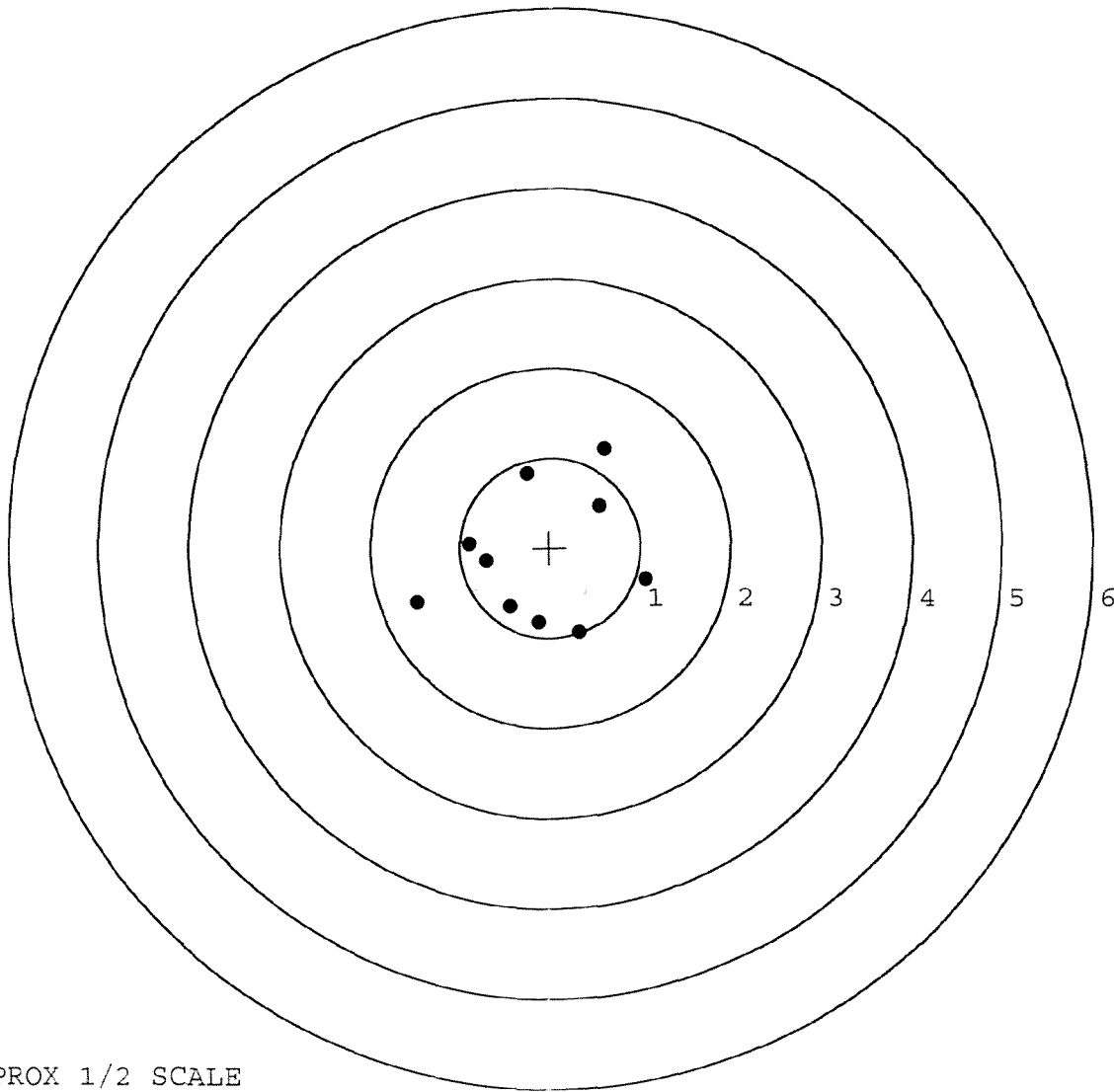
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: E6413475. __0
TARGET NUMBER: 5
FILE DATE: 06/11/2004
FILE TIME: 07:01

	POINT#	X	Y
X CENTROID:	1:	0.594	1.104
Y CENTROID:	2:	0.545	0.470
POA TO CENTROID:	3:	-0.256	0.832
HORZ SPREAD:	4:	1.060	-0.347
VERT SPREAD:	5:	-0.896	0.042
GROUP SPREAD:	6:	-1.479	-0.620
MIN RADIUS:	7:	-0.440	-0.656
MAX RADIUS:	8:	-0.132	-0.832
MEAN RADIUS:	9:	0.329	-0.941
# IN 1 IN DIAMETER:	10:	-0.706	-0.149
# IN 2 IN DIAMETER:			
# in 3 IN DIAMETER:			



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	81063		
SERIAL NUMBER	E6413475		
LOG-IN DATE	5-20-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5-25-04	RTL
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER	6-2-04	AB
618	ROTO-BLAST	6-2-04	DAB
620	APPLY COATINGS	6-8	TA
625 A	FINAL ASSEMBLY	6-11-04	RTL
B	TRIGGER PULL TEST		RTL
C	SAFETY "ON" FORCE		RTL
D	SAFETY "OFF" FORCE		RTL
E	FIRING PIN INDENT		
640	TARGET	6-11-04	AC
655	FINAL INSPECT	6-16-04	RTL
660	PACK	6-16-04	OA
		SHIP DATE	
QAR INSPECTION DATE			

E 6413475

} C-658 7627
{ C 6225153

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6413475
11 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.2346
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0452
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .238915

THE AMR FOR THIS RIFLE IS: 1.208

CENTROIDAL DISTANCES

0 TO 1	.527194
1 TO 2	.630368
1 TO 3	.491601
1 TO 4	.639916
1 TO 5	.207511

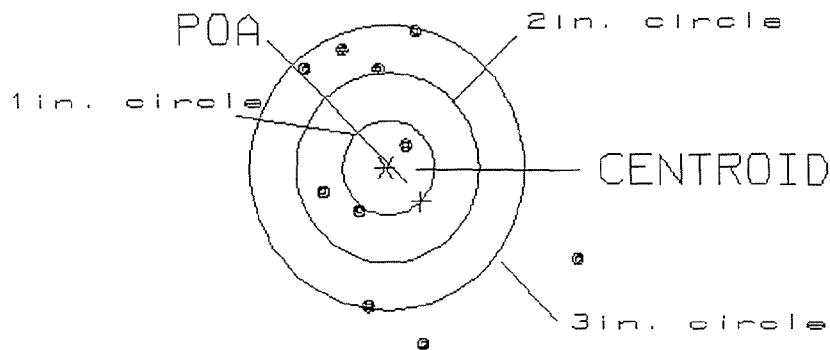
1 5
3 4 + <----POA

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .527
 MIN RADIUS : .295
 MEAN RADIUS : 1.257
 MAX RADIUS : 2.259
 CENTROID X : -.387
 CENTROID Y : .358

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EG413475.1

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.00
 VS= 3.27
 GS= 3.61

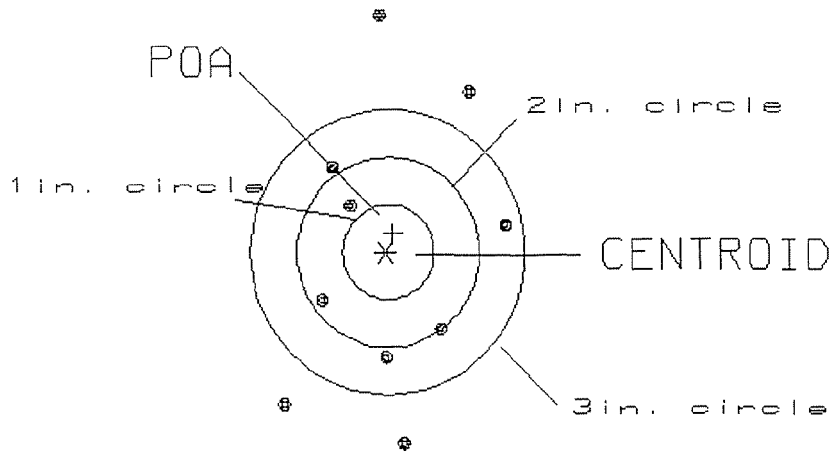
1
 3
 6

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .208
 MIN RADIUS : .655
 MEAN RADIUS : 1.445
 MAX RADIUS : 2.520
 CENTROID X : -.079
 CENTROID Y : -.192

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EE6413475.1

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.39

0

VS= 4.55

3

GS= 4.56

6

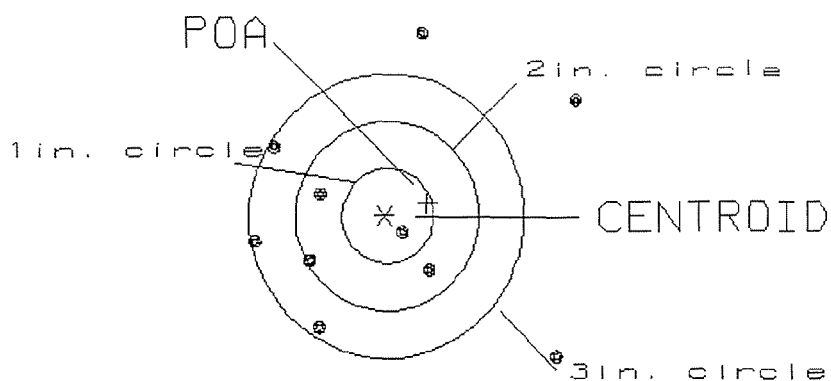
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .479
 MIN RADIUS : .238
 MEAN RADIUS : 1.383
 MAX RADIUS : 2.438
 CENTROID X : -.461
 CENTROID Y : -.128

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413475.1

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.50

1

VS= 3.46

4

GS= 3.81

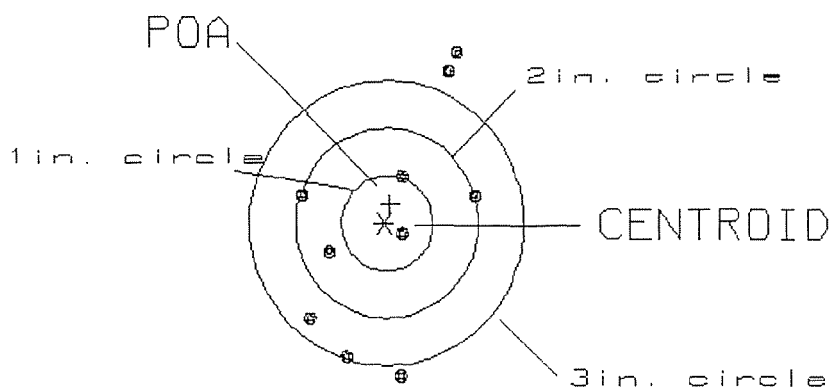
7

PATTERN #: 040
 POA TO CENTROID: .206
 MIN RADIUS : .228
 MEAN RADIUS : 1.162
 MAX RADIUS : 2.006
 CENTROID X : -.065
 CENTROID Y : -.195

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413475.1

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.87

1

VS= 3.47

5

GS= 3.53

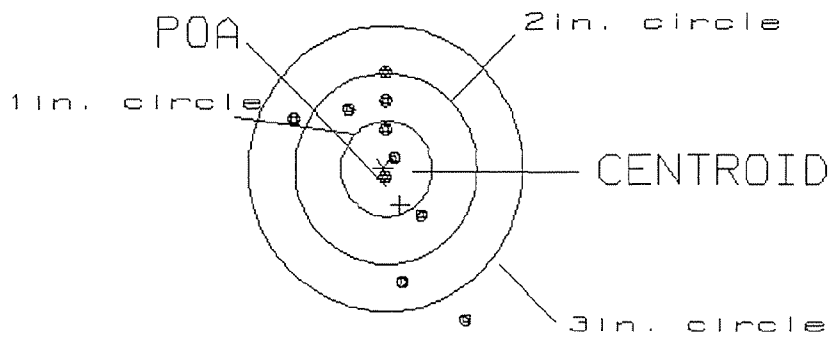
6

PATTERN #: 5
 POA TO CENTROID: .423
 MIN RADIUS : .127
 MEAN RADIUS : .793
 MAX RADIUS : 1.816
 CENTROID X : -.181
 CENTROID Y : .383

11 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413475.1

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.96
 VS= 2.56
 GS= 2.89

3
 7
 9

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6413475
10 Apr 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.124
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0606
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .138016

THE AMR FOR THIS RIFLE IS: 1.477

CENTROIDAL DISTANCES

Ø TO	1	.480277
1 TO	2	.600204
1 TO	3	.634635
1 TO	4	.446203
1 TO	5	.433133

3z
4 5 <----POA

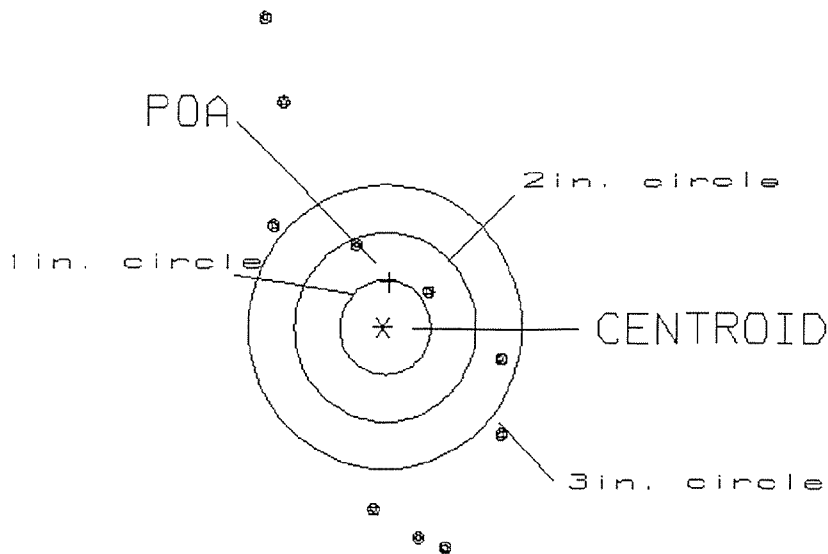
1

PATTERN #: ☐ 1 ☐
 POA TO CENTROID: .480
 MIN RADIUS : .612
 MEAN RADIUS : 1.896
 MAX RADIUS : 3.559
 CENTROID X : -.071
 CENTROID Y : -.475

10 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413475

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.64
 VS= 5.61
 GS= 5.95

0
 2
 3

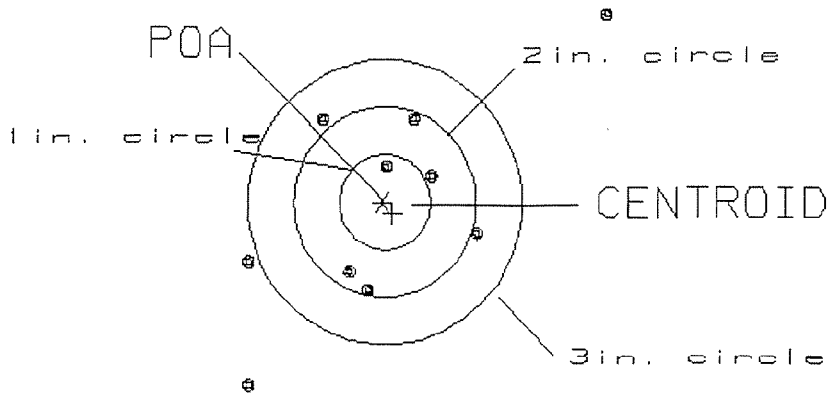
PATTERN #: 2

POA TO CENTROID: .165
 MIN RADIUS : .376
 MEAN RADIUS : 1.316
 MAX RADIUS : 3.132
 CENTROID X : -.109
 CENTROID Y : .124

10 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413475

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 3.95
 VS= 3.96
 GS= 5.58

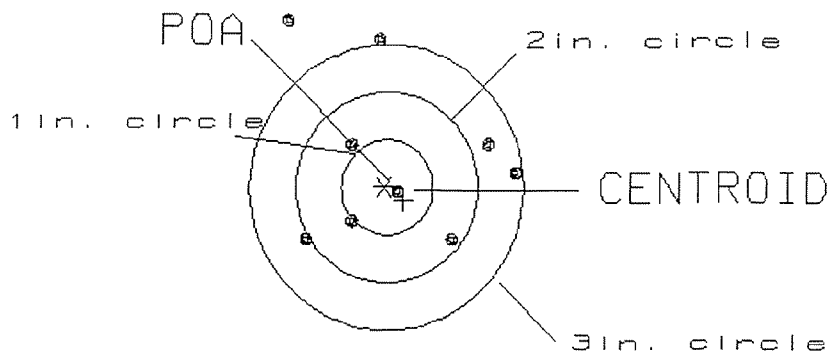
1
 5
 7

PATTERN #: 3
 POA TO CENTROID: .255
 MIN RADIUS : .117
 MEAN RADIUS : 1.230
 MAX RADIUS : 2.887
 CENTROID X : -.211
 CENTROID Y : .144

10 Apr 2001

FILE:/Hqbasic/Accuracy/Patterning/Centerfire_Patt/E6413475

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.47
 VS= 4.58
 GS= 4.62

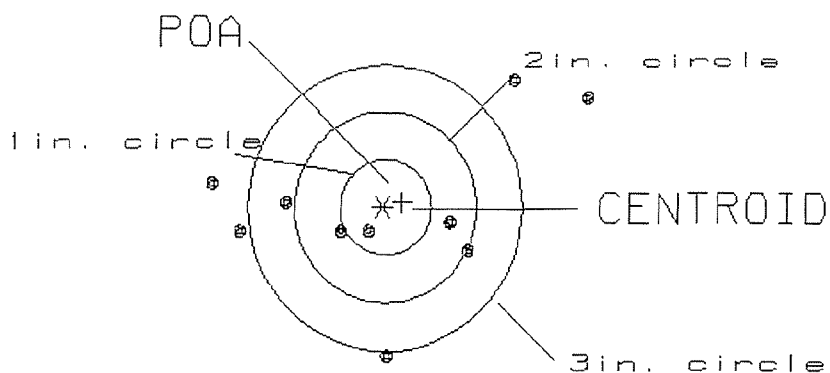
2
 4
 7

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .216
 MIN RADIUS : .301
 MEAN RADIUS : 1.323
 MAX RADIUS : 2.509
 CENTROID X : -.210
 CENTROID Y : -.051

10 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413475

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 4.12

1

VS= 2.93

4

GS= 4.21

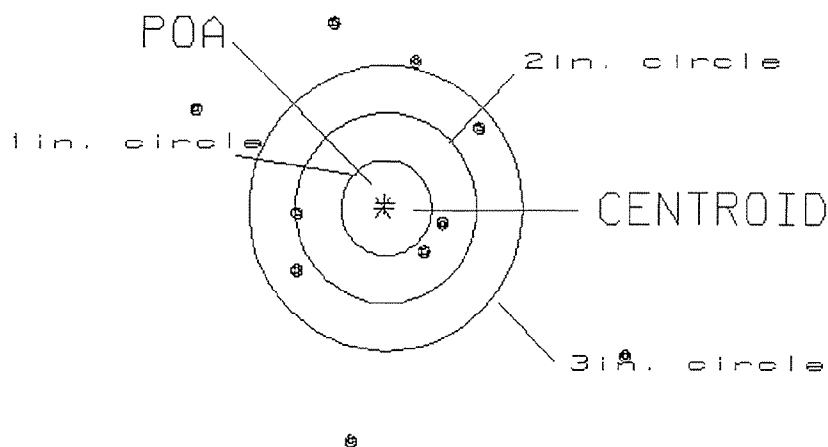
5

PATTERN #: ☐ 5 ☐
 POA TO CENTROID: .049
 MIN RADIUS : .604
 MEAN RADIUS : 1.620
 MAX RADIUS : 3.046
 CENTROID X : -.019
 CENTROID Y : -.045

10 Apr 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413475

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 4.69

0

VS= 4.39

2

GS= 5.39

5