

G-659 0115
Replaces
E 641 3454

03/25/09 08:48:23

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: **RE00165128** Serial: G6590115 Model M24 SWS Center Fire Repairman: _____
 Verify Repair _____ Caliber: 7.62 NATO Status: Closed 3/25/2009 5:32:18 AM

Address Information

Customer: _____ Received From: _____ Return To: _____ Received From: _____
 Name: **SD ARMSROOM** **SD ARMSROOM**
 Address 1: **8TH DESERT STORM** **8TH DESERT STORM**
 Address 2: **BLDG 5210 BAY DOOR #30** PO Box: _____ **BLDG 5210 BAY DOOR #30** PO Box: _____
 City: **FORT CAMPBELL** **FORT CAMPBELL**
 State: **KY** Zip Code: **42223** Country: **US** State: **KY** Zip Code: **42223** 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	1
A010	Hard Case	1
A026	Scope	1
A045	BiPod	1
A057	Fit and Rear Sgt Base	1
D000	MARS RAIL	1

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

Received
Received
Received

3/25/2009 8:48 AM C&PS NUM INS SCRL

start 14 Micro... 7 Micros... My Exte... Arms Serv... SWS Part Search... Stock Ove... 8:48 AM

G6590115
 Model: **M24 SWS**

RE00165128

*Deployment
KIT
slings*

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

R & E NUMBER <u>165128</u>			
SERIAL NUMBER <u>G6590115</u>			
LOG-IN DATE <u>3-25-09</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-26-09	RTZ
505	RE-BARREL	3-27-09	RTZ
420	ASSEMBLE	3-27-09	RTZ
440	PROOF	3-27-09	TL
460	CHECK HEADSPACE	3-27-09	TL
470	DIS-ASSEMBLE GUN		
480	MAGNAFLUX	4/2/09	(D)
510	DRILL AND TAP	3-29-09	SP
500	ROLLMARK CALIBER	4/2/09	RT
520	GOFF BLAST BBL / REC	4-2	RT
530 & 540	APPLY COATINGS	4-3	
560	FINAL ASSEMBLY	4-7-09	RTZ
640	FUNCTION TEST AND	PASS	FAIL
650	TARGET	PASS	FAIL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	2.71 2.71 2.68 2.57 2.65	4-9-09
680	F) SAFETY ON FORCE	4.5 4 4.5	4-15-09
	G) SAFETY OFF FORCE	4 4 4	4-15-09
	I) FIRING PIN INDENT	.023 .024 .023	4-15-09
690	PACK		4/20/09

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590115.___0
FILE DATE AND TIME: 04/12/2007 15:00

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.070
The Average Y Centroid of the Five Target Set:	-0.008
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.679
The Distance from POA to Centroid Target #1:	0.161
The Distance from Centroid Target #2 to Centroid Target #1:	0.282
The Distance from Centroid Target #3 to Centroid Target #1:	0.399
The Distance from Centroid Target #4 to Centroid Target #1:	0.071
The Distance from Centroid Target #5 to Centroid Target #1:	0.299

SERIAL NUMBER: G6590115. __0

TARGET NUMBER: 1

FILE DATE: 04/12/2007

FILE TIME: 15:00

POINT#	X	Y
1:	1.363	-0.578
2:	1.070	-0.300
3:	-0.242	0.566
4:	0.181	1.099
5:	0.453	-0.542
6:	0.301	-0.420
7:	-0.293	-0.471
8:	-0.580	-0.221
9:	-0.964	-0.446
10:	-1.880	-0.180

X CENTROID: -0.059

Y CENTROID: -0.149

POA TO CENTROID: 0.161

HORZ SPREAD: 3.243

VERT SPREAD: 1.677

GROUP SPREAD: 3.267

MIN RADIUS: 0.398

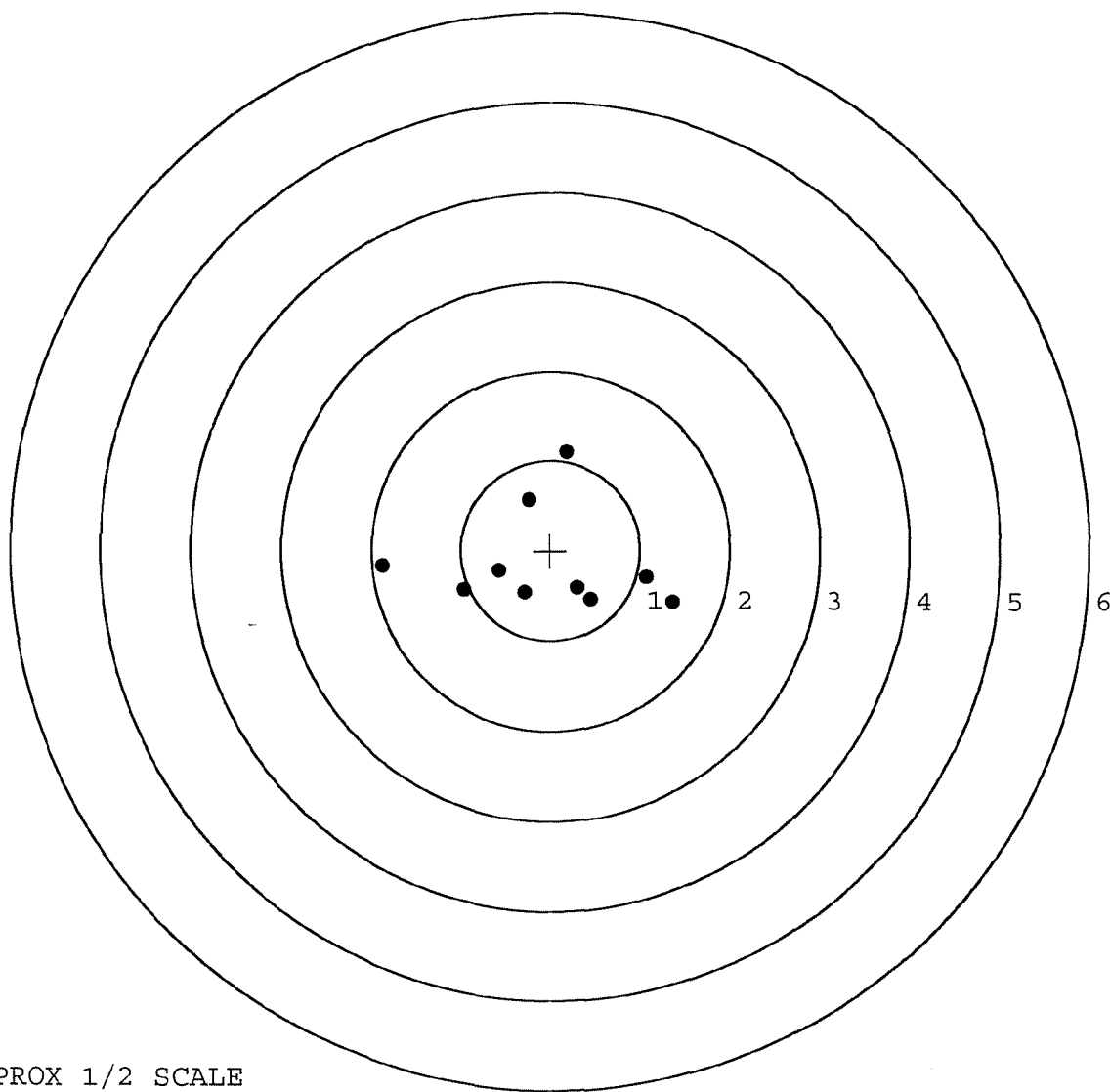
MAX RADIUS: 1.821

MEAN RADIUS: 0.943

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

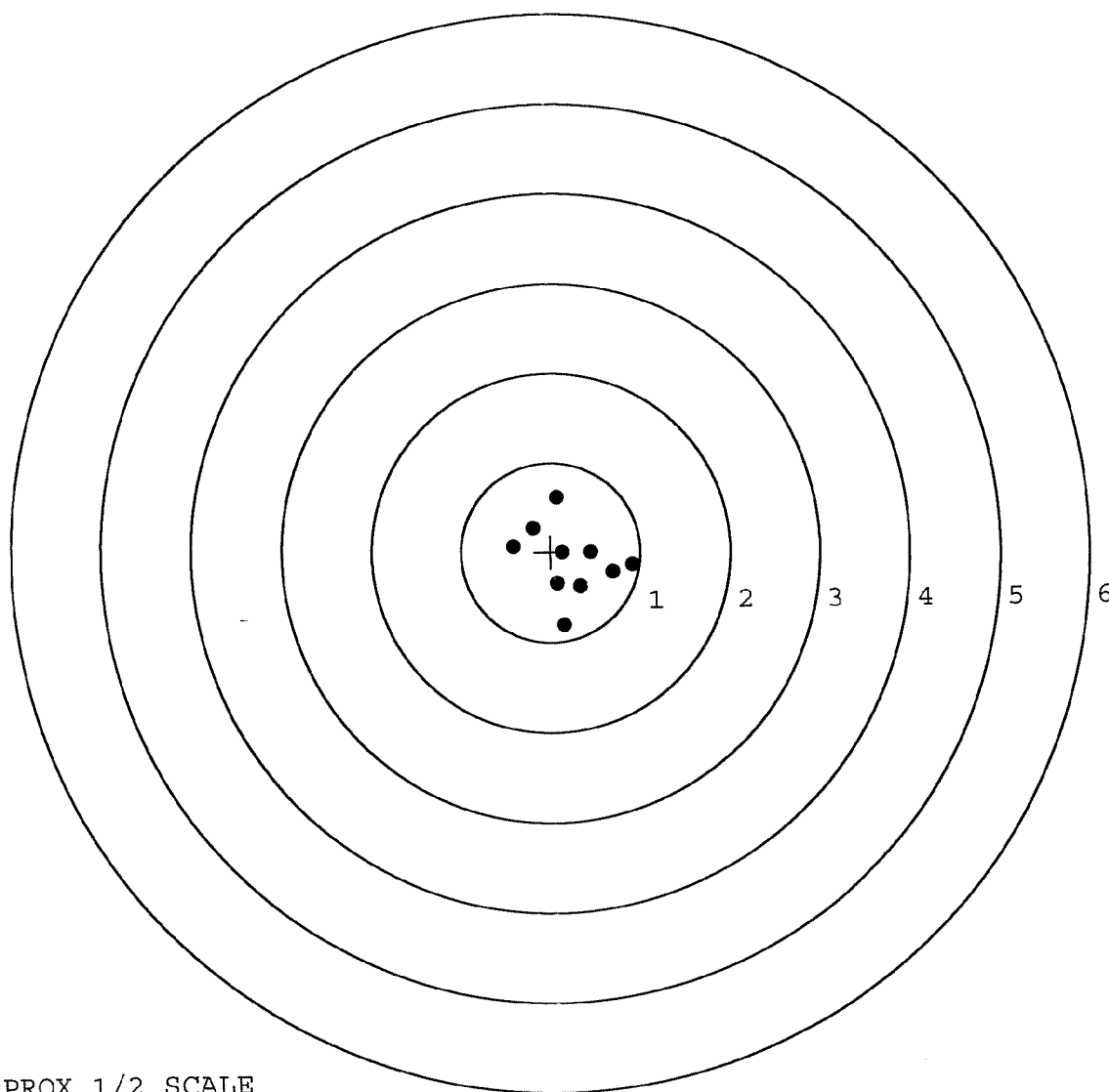


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590115. __0
TARGET NUMBER: 2
FILE DATE: 04/12/2007
FILE TIME: 15:00

POINT#	X	Y
1:	0.913	-0.156
2:	0.691	-0.234
3:	0.146	-0.816
4:	0.330	-0.393
5:	0.070	-0.354
6:	0.450	-0.009
7:	0.132	-0.013
8:	-0.418	0.064
9:	-0.198	0.271
10:	0.078	0.609

X CENTROID: 0.219
Y CENTROID: -0.103
POA TO CENTROID: 0.242
HORZ SPREAD: 1.331
VERT SPREAD: 1.425
GROUP SPREAD: 1.427
MIN RADIUS: 0.126
MAX RADIUS: 0.726
MEAN RADIUS: 0.482
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

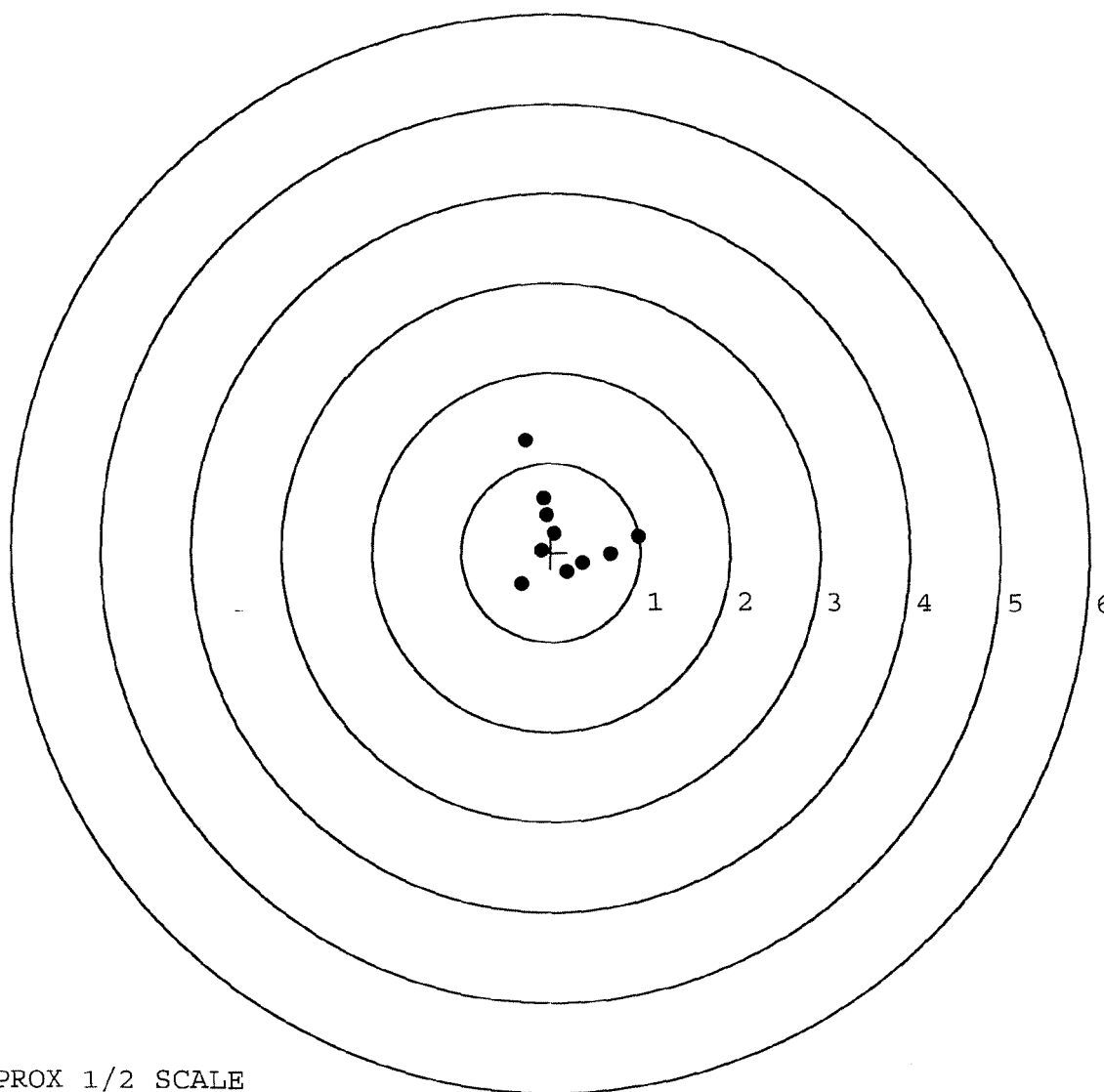


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590115. __0
TARGET NUMBER: 3
FILE DATE: 04/12/2007
FILE TIME: 15:00

X CENTROID: 0.136
Y CENTROID: 0.199
POA TO CENTROID: 0.241
HORZ SPREAD: 1.308
VERT SPREAD: 1.608
GROUP SPREAD: 1.653
MIN RADIUS: 0.091
MAX RADIUS: 1.136
MEAN RADIUS: 0.522
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.286	1.254
2:	0.975	0.185
3:	0.660	-0.015
4:	-0.333	-0.354
5:	0.184	-0.223
6:	-0.107	0.023
7:	0.046	0.214
8:	-0.051	0.418
9:	-0.083	0.605
10:	0.355	-0.118

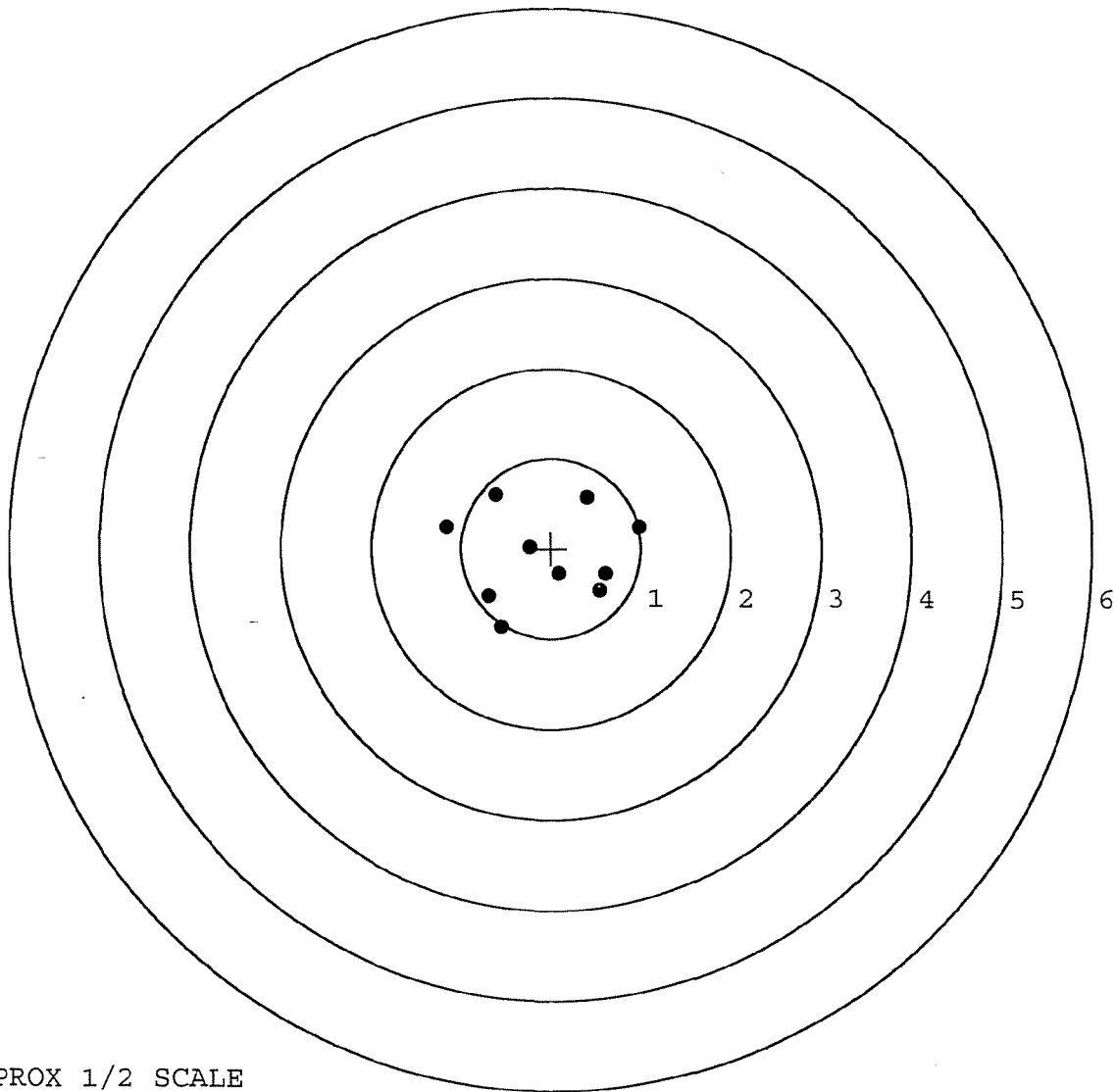


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590115. __0
TARGET NUMBER: 4
FILE DATE: 04/12/2007
FILE TIME: 15:00

X CENTROID: -0.067
Y CENTROID: -0.078
POA TO CENTROID: 0.103
HORZ SPREAD: 2.149
VERT SPREAD: 1.473
GROUP SPREAD: 2.149
MIN RADIUS: 0.197
MAX RADIUS: 1.149
MEAN RADIUS: 0.751
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.542	-0.473
2:	0.608	-0.283
3:	0.977	0.238
4:	0.400	0.572
5:	0.088	-0.285
6:	-0.239	0.018
7:	-0.560	-0.875
8:	-0.699	-0.530
9:	-1.172	0.236
10:	-0.616	0.598

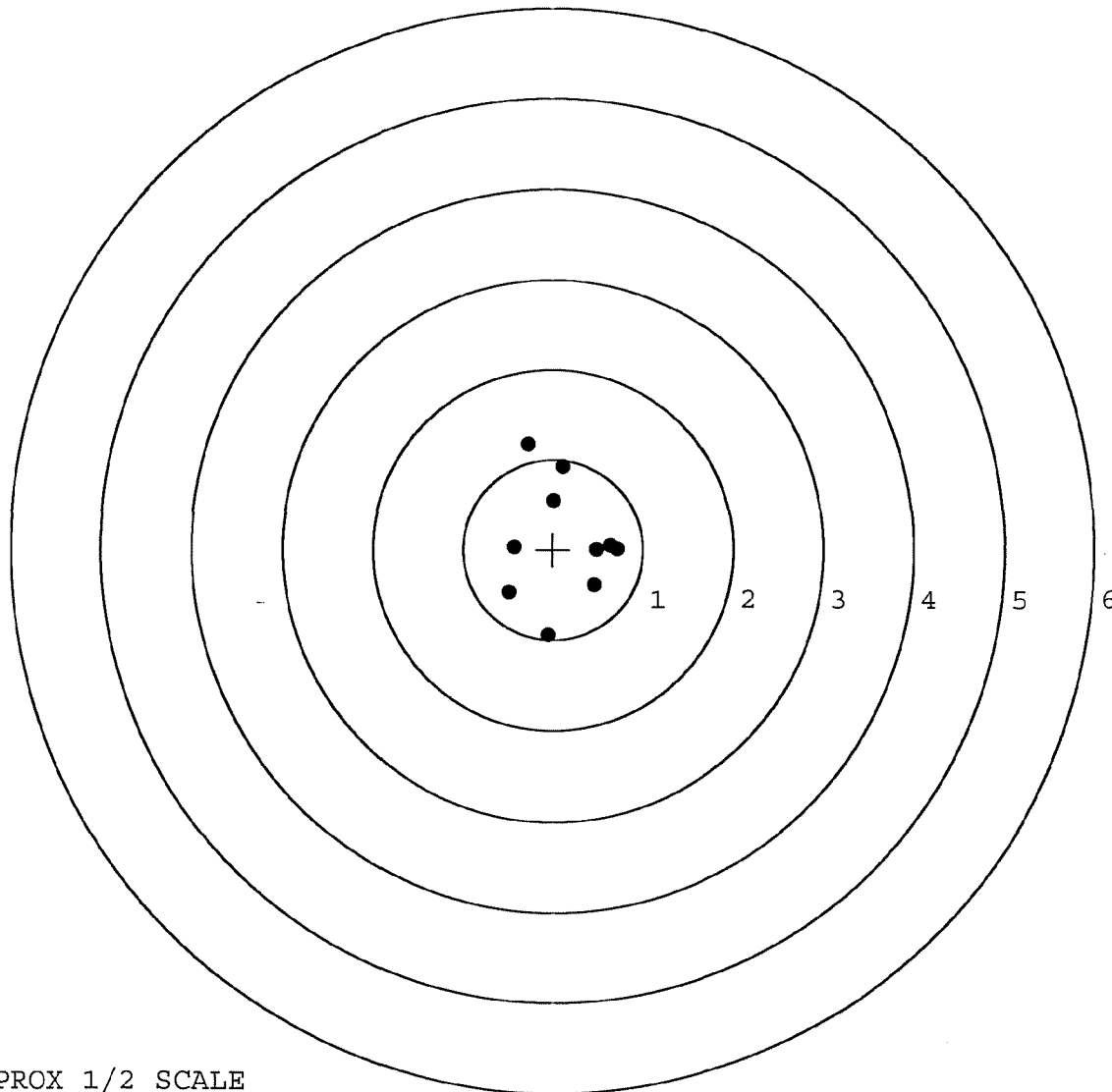


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590115. __0
TARGET NUMBER: 5
FILE DATE: 04/12/2007
FILE TIME: 15:00

POINT#	X	Y
1:	-0.055	-0.954
2:	0.461	-0.395
3:	0.716	0.009
4:	0.491	0.000
5:	-0.488	-0.478
6:	-0.428	0.028
7:	0.020	0.540
8:	0.109	0.924
9:	-0.273	1.172
10:	0.646	0.052

X CENTROID: 0.120
Y CENTROID: 0.090
POA TO CENTROID: 0.150
HORZ SPREAD: 1.204
VERT SPREAD: 2.126
GROUP SPREAD: 2.137
MIN RADIUS: 0.382
MAX RADIUS: 1.151
MEAN RADIUS: 0.699
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00130025

Serial: G6590115 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 6/5/2007 7:17:46 AM

Verify Repair

Address Information

Customer:

Received From

Return To:

Received From

Name: ISSD ARMS ROOM

ISSD ARMS ROOM

Address 1: 8TH DESERT STORM

8TH DESERT STORM

Address 2: BLDG 5210 BAY DOOR #30

PO Box:

BLDG 5210 BAY DOOR #30

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

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	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

6/5/2007

7:25 AM

CAPS

NUM

INS

SCRL



Arms Services Repair ...



7/25/AM

Serial Number: G6590115

Model: M24 SWS



RE00130025

MAINTENANCE REQUEST For use of this form, see DA PAM 750-8; the proponent agency is DCS, G-4.				PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)	
SECTION I - CUSTOMER DATA				SECTION II - MAINTENANCE ACTIVITY DATA			
1a. UIC CUSTOMER WACHTIO	1b. CUSTOMER UNIT NAME HHC 2/327	1c. PHONE NO (270) 798-4722	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	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751				
8. MODEL REMINGTON 700	9. NOUN M24 SWS		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 H R		
10a. ORG WON/DOC NO	10b. EIC		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)	20. ADMIN NO
11. SERIAL NUMBER 641345366590119	12. QTY	13. PD	21. REIMBURSABLE CUSTOMER (if intrastate customer enter Y or N)		22. LEVEL OF WORK		
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			23. SIGNATURE				
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs) BARREL WORN OUT							
25. REMARKS INSTALL M24A2 BARREL							
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 intrastate 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 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 maint. Block 25. Self-explanatory.			
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 AMDF. Block 11. Enter serial number of item being submitted.							
34a. SUBMITTED BY J. SEPULVEDA	35a. ACCEPTED BY	35c. DATE	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.				
34b. DATE	35b. STATUS	35d. TIME					

DA FORM 2407, JUL 94

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

RECEIPT COPY 1

Repair Inquiry

Repair Number: RE00126628

Serial: E6413454 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 3/14/2007 5:36:00 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION OFFICE

TRANSPORTATION OFFICE

Address 1: BLDG 7199

BLDG 7199

Address 2: GLIDER ROAD

PO Box:

GLIDER ROAD

PO Box:

City: FORT CAMPBELL

FORT CAMPBELL

State: KY

Zip Code: 42223

Country: US

State: KY

Zip Code: 42223

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Frt and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/14/2007

7:35 AM

CAPS

NUM

INS

SCRL

start

4 Micro...

Arms Ser...

Part Sear...

RAC0179...

5 Inter...

7:35 AM

Serial
Number:

E6413454

Model: M24 SWS



RE00126628

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590115.__0
FILE DATE AND TIME: 04/12/2007 15:00

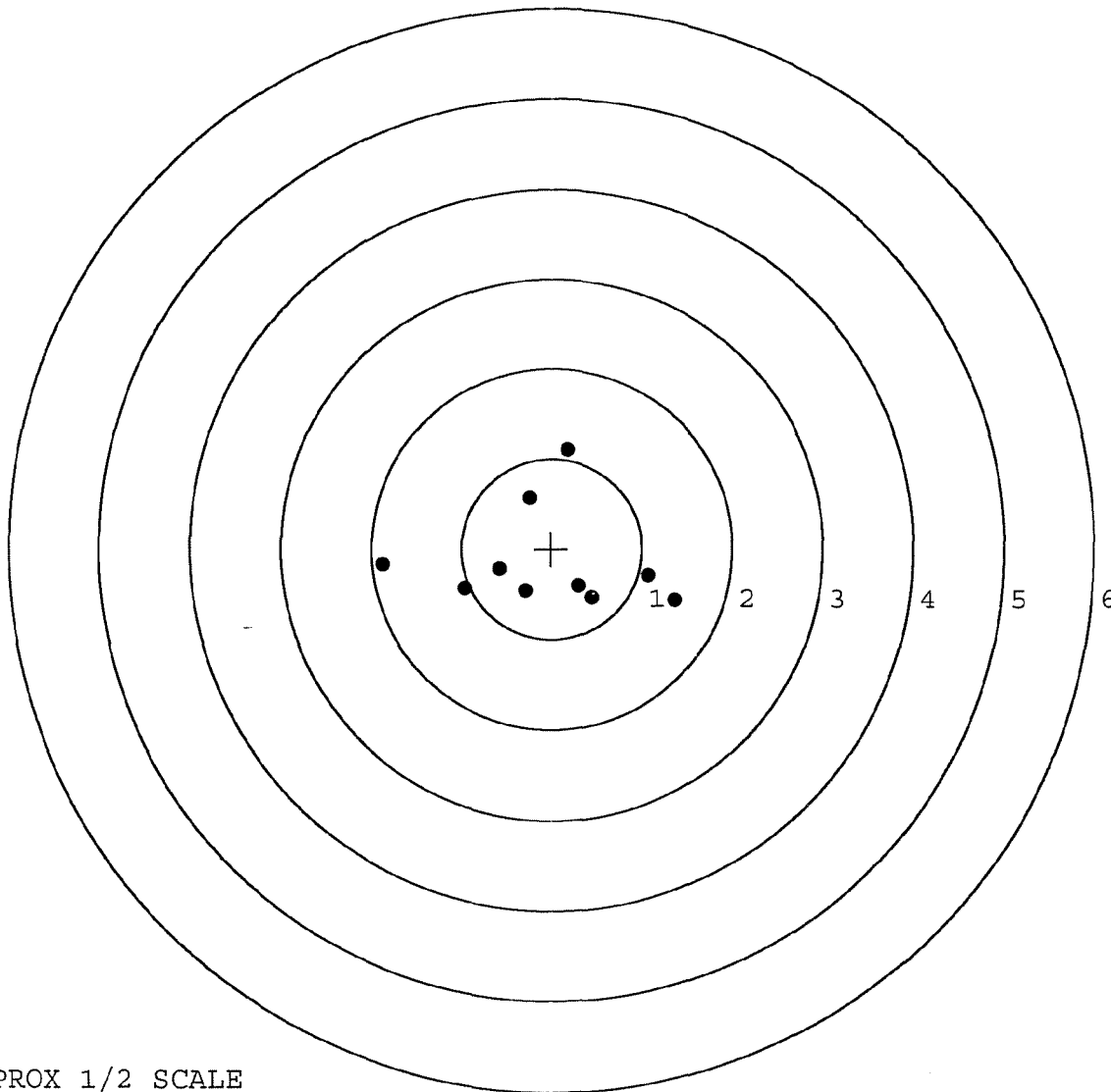
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.070
The Average Y Centroid of the Five Target Set:	-0.008
The Average Point of Impact of the Five Target Set:	0.070
The Average Mean Radius of the Five Target Set:	0.679
The Distance from POA to Centroid Target #1:	0.161
The Distance from Centroid Target #2 to Centroid Target #1:	0.282
The Distance from Centroid Target #3 to Centroid Target #1:	0.399
The Distance from Centroid Target #4 to Centroid Target #1:	0.071
The Distance from Centroid Target #5 to Centroid Target #1:	0.299

SERIAL NUMBER: G6590115. __0
TARGET NUMBER: 1
FILE DATE: 04/12/2007
FILE TIME: 15:00

POINT#	X	Y
1:	1.363	-0.578
2:	1.070	-0.300
3:	-0.242	0.566
4:	0.181	1.099
5:	0.453	-0.542
6:	0.301	-0.420
7:	-0.293	-0.471
8:	-0.580	-0.221
9:	-0.964	-0.446
10:	-1.880	-0.180

X CENTROID: -0.059
Y CENTROID: -0.149
POA TO CENTROID: 0.161
HORZ SPREAD: 3.243
VERT SPREAD: 1.677
GROUP SPREAD: 3.267
MIN RADIUS: 0.398
MAX RADIUS: 1.821
MEAN RADIUS: 0.943
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

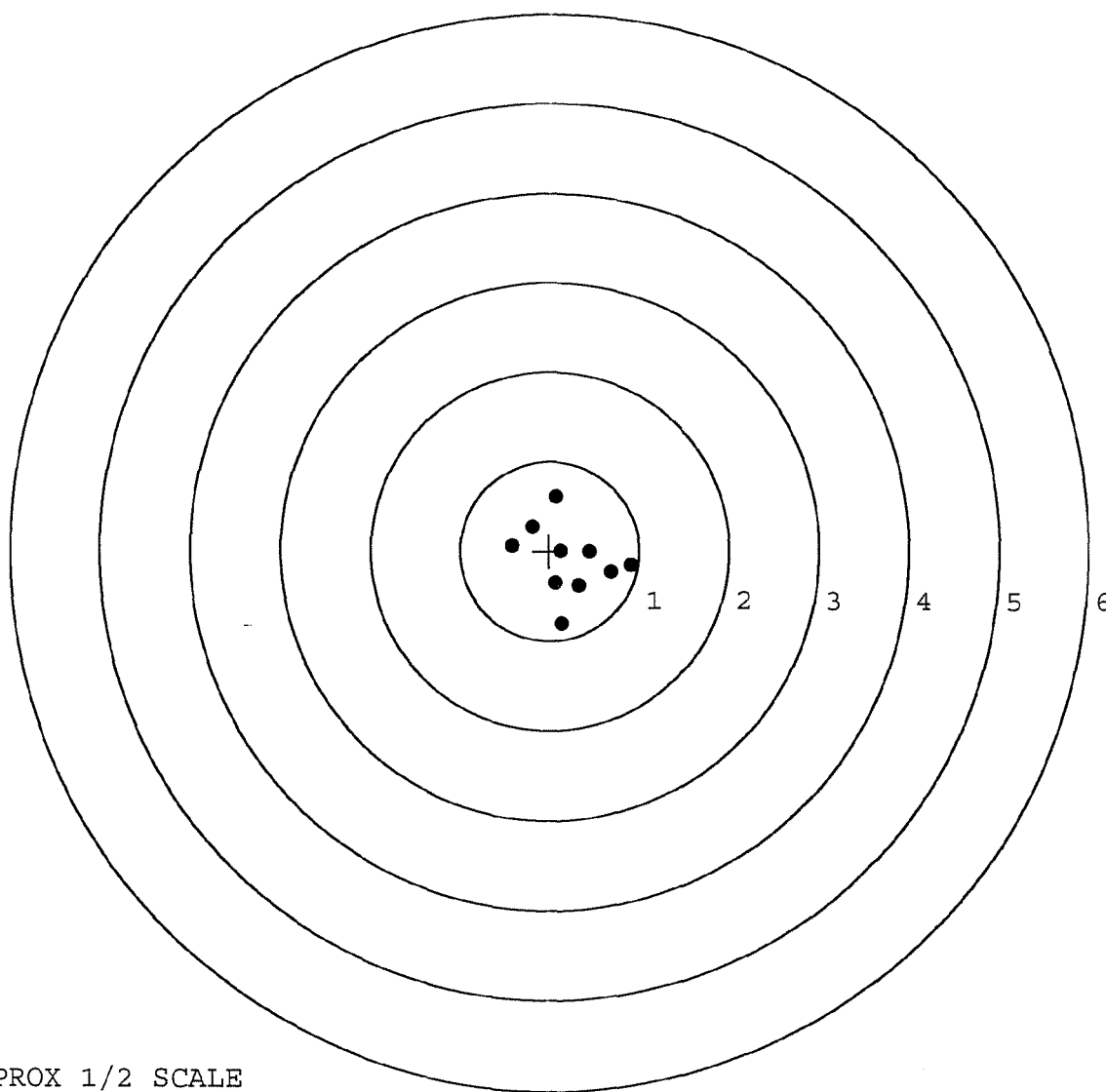


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590115. __0
TARGET NUMBER: 2
FILE DATE: 04/12/2007
FILE TIME: 15:00

POINT#	X	Y
1:	0.913	-0.156
2:	0.691	-0.234
3:	0.146	-0.816
4:	0.330	-0.393
5:	0.070	-0.354
6:	0.450	-0.009
7:	0.132	-0.013
8:	-0.418	0.064
9:	-0.198	0.271
10:	0.078	0.609

X CENTROID: 0.219
Y CENTROID: -0.103
POA TO CENTROID: 0.242
HORZ SPREAD: 1.331
VERT SPREAD: 1.425
GROUP SPREAD: 1.427
MIN RADIUS: 0.126
MAX RADIUS: 0.726
MEAN RADIUS: 0.482
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

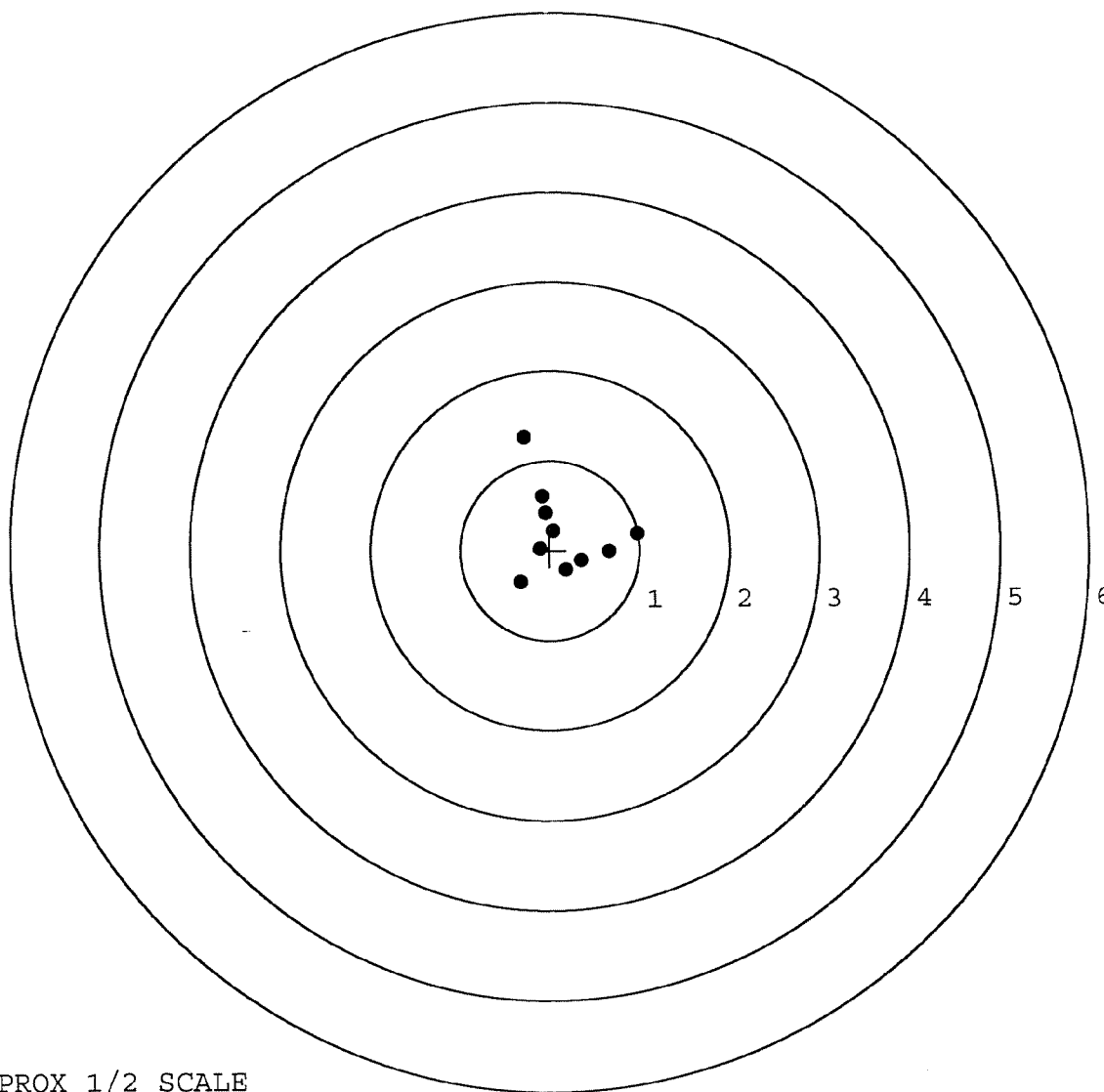


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590115. __0
TARGET NUMBER: 3
FILE DATE: 04/12/2007
FILE TIME: 15:00

POINT#	X	Y
1:	-0.286	1.254
2:	0.975	0.185
3:	0.660	-0.015
4:	-0.333	-0.354
5:	0.184	-0.223
6:	-0.107	0.023
7:	0.046	0.214
8:	-0.051	0.418
9:	-0.083	0.605
10:	0.355	-0.118

X CENTROID: 0.136
Y CENTROID: 0.199
POA TO CENTROID: 0.241
HORZ SPREAD: 1.308
VERT SPREAD: 1.608
GROUP SPREAD: 1.653
MIN RADIUS: 0.091
MAX RADIUS: 1.136
MEAN RADIUS: 0.522
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

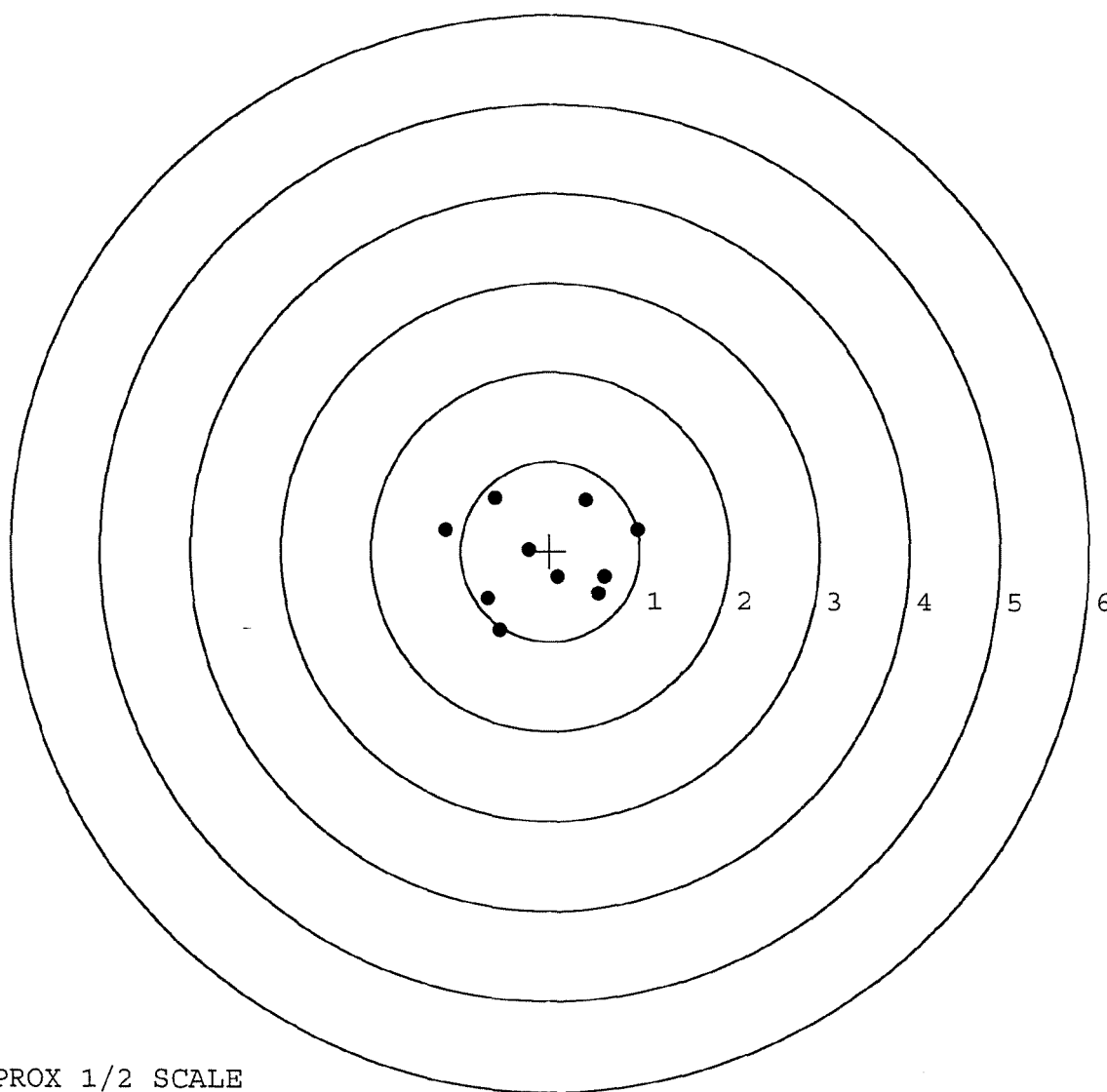


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590115. __0
TARGET NUMBER: 4
FILE DATE: 04/12/2007
FILE TIME: 15:00

POINT#	X	Y
1:	0.542	-0.473
2:	0.608	-0.283
3:	0.977	0.238
4:	0.400	0.572
5:	0.088	-0.285
6:	-0.239	0.018
7:	-0.560	-0.875
8:	-0.699	-0.530
9:	-1.172	0.236
10:	-0.616	0.598

X CENTROID: -0.067
Y CENTROID: -0.078
POA TO CENTROID: 0.103
HORZ SPREAD: 2.149
VERT SPREAD: 1.473
GROUP SPREAD: 2.149
MIN RADIUS: 0.197
MAX RADIUS: 1.149
MEAN RADIUS: 0.751
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

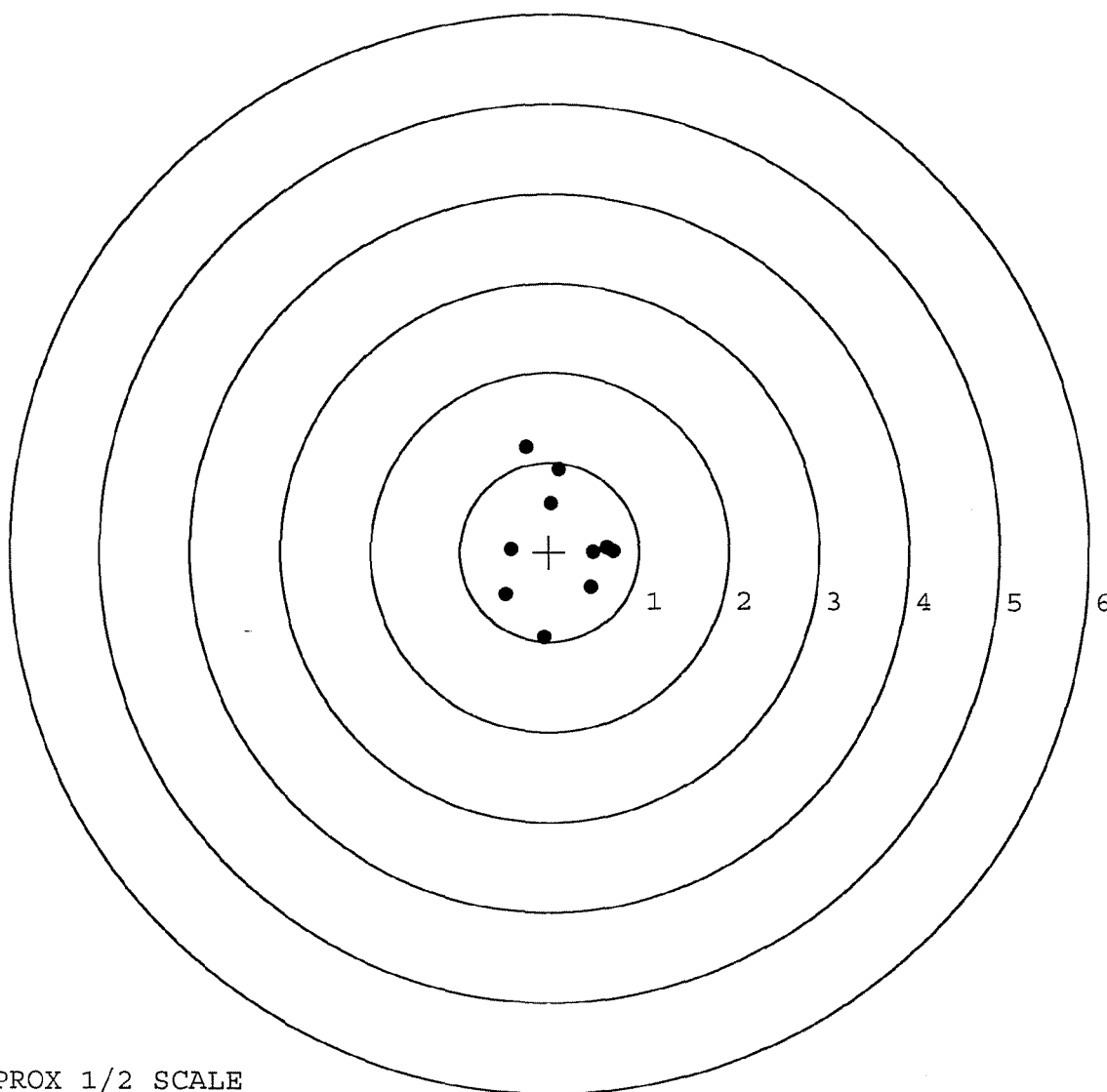


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590115. __0
TARGET NUMBER: 5
FILE DATE: 04/12/2007
FILE TIME: 15:00

POINT#	X	Y
1:	-0.055	-0.954
2:	0.461	-0.395
3:	0.716	0.009
4:	0.491	0.000
5:	-0.488	-0.478
6:	-0.428	0.028
7:	0.020	0.540
8:	0.109	0.924
9:	-0.273	1.172
10:	0.646	0.052

X CENTROID: 0.120
Y CENTROID: 0.090
POA TO CENTROID: 0.150
HORZ SPREAD: 1.204
VERT SPREAD: 2.126
GROUP SPREAD: 2.137
MIN RADIUS: 0.382
MAX RADIUS: 1.151
MEAN RADIUS: 0.699
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

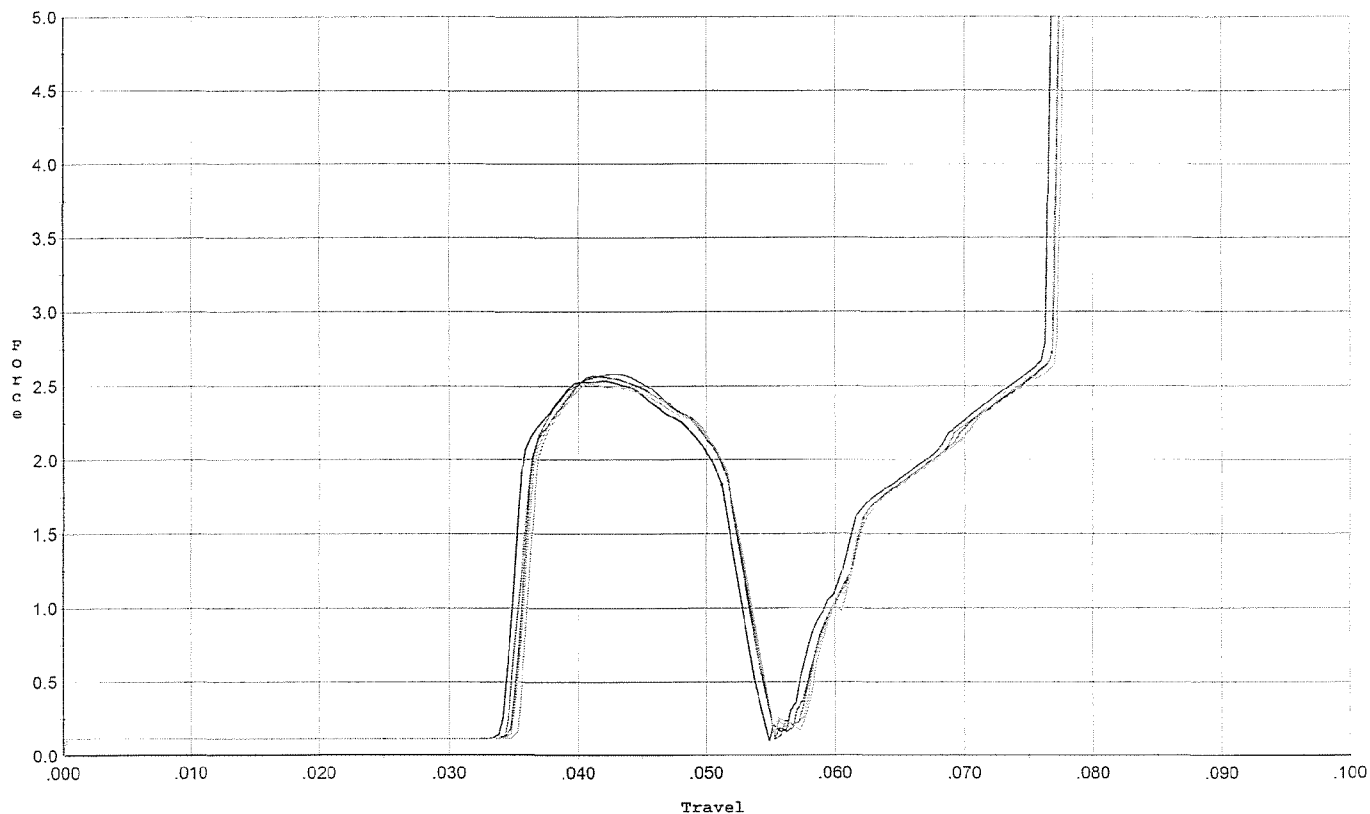


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/13/07

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



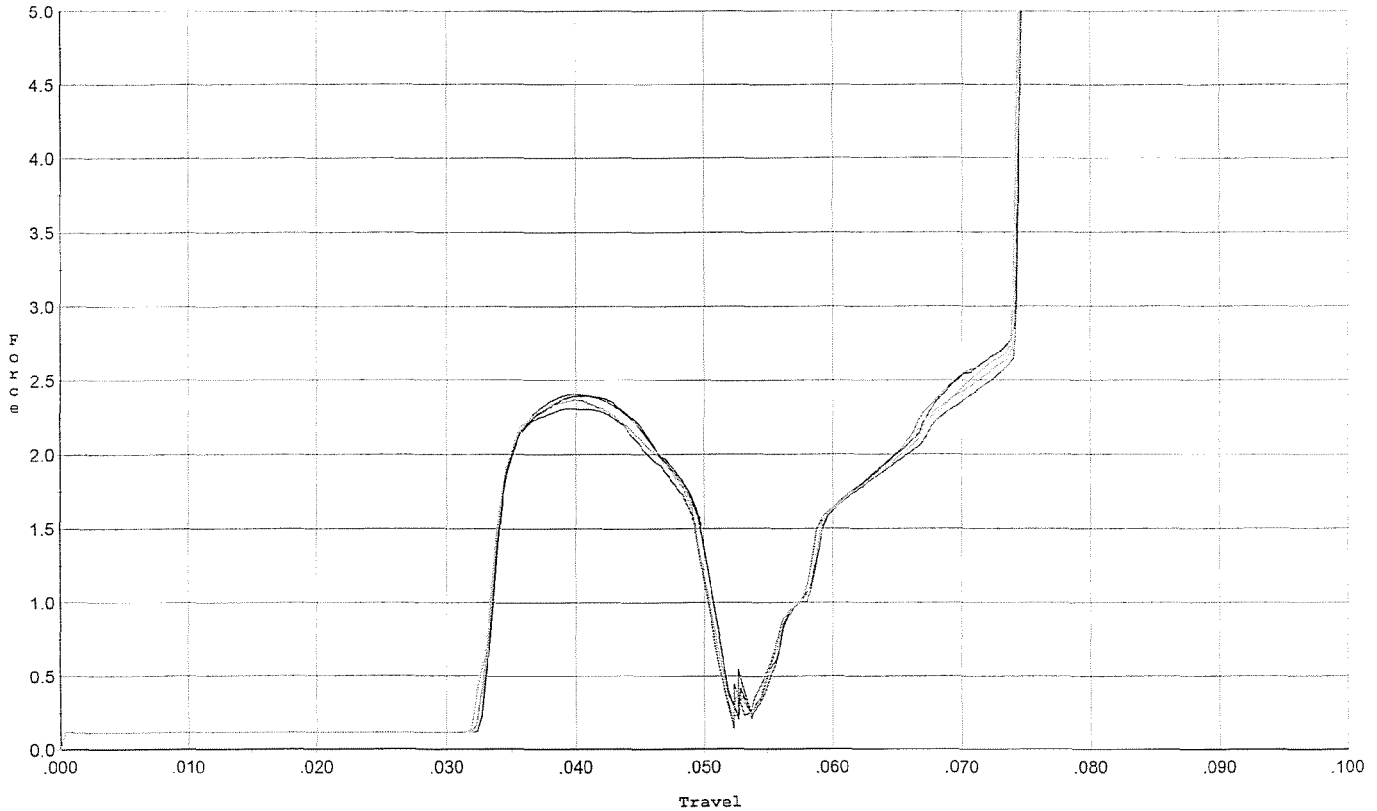
#	Peak Force	Travel To Actuate-	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.566	0.052	0.035	0.032	0.043		Set Trigger
2	2.534	0.051	0.034	0.032	0.043		Set Trigger
3	2.582	0.052	0.035	0.032	0.043		Set Trigger
4	2.516	0.053	0.035	0.032	0.043		Set Trigger
5	2.552	0.053	0.035	0.032	0.044		Set Trigger

Avg 2.55

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/13/07

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



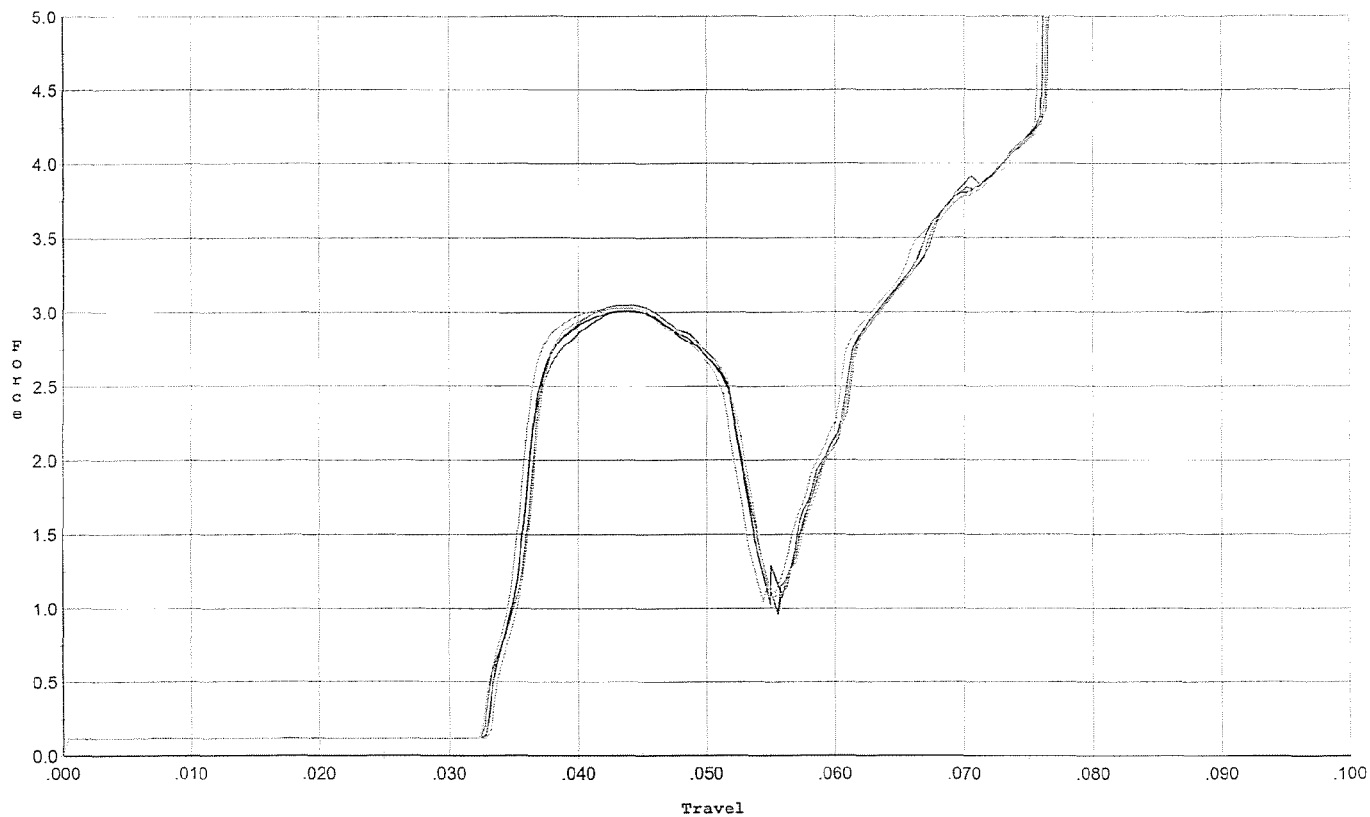
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.406	0.050	0.033	0.032	0.039		Set Trigger
2	2.393	0.050	0.033	0.032	0.039		Set Trigger
3	2.309	0.049	0.033	0.032	0.037		Set Trigger
4	2.365	0.049	0.032	0.032	0.038		Set Trigger
5	2.370	0.049	0.033	0.032	0.038		Set Trigger

Avg 2.36

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/13/07

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



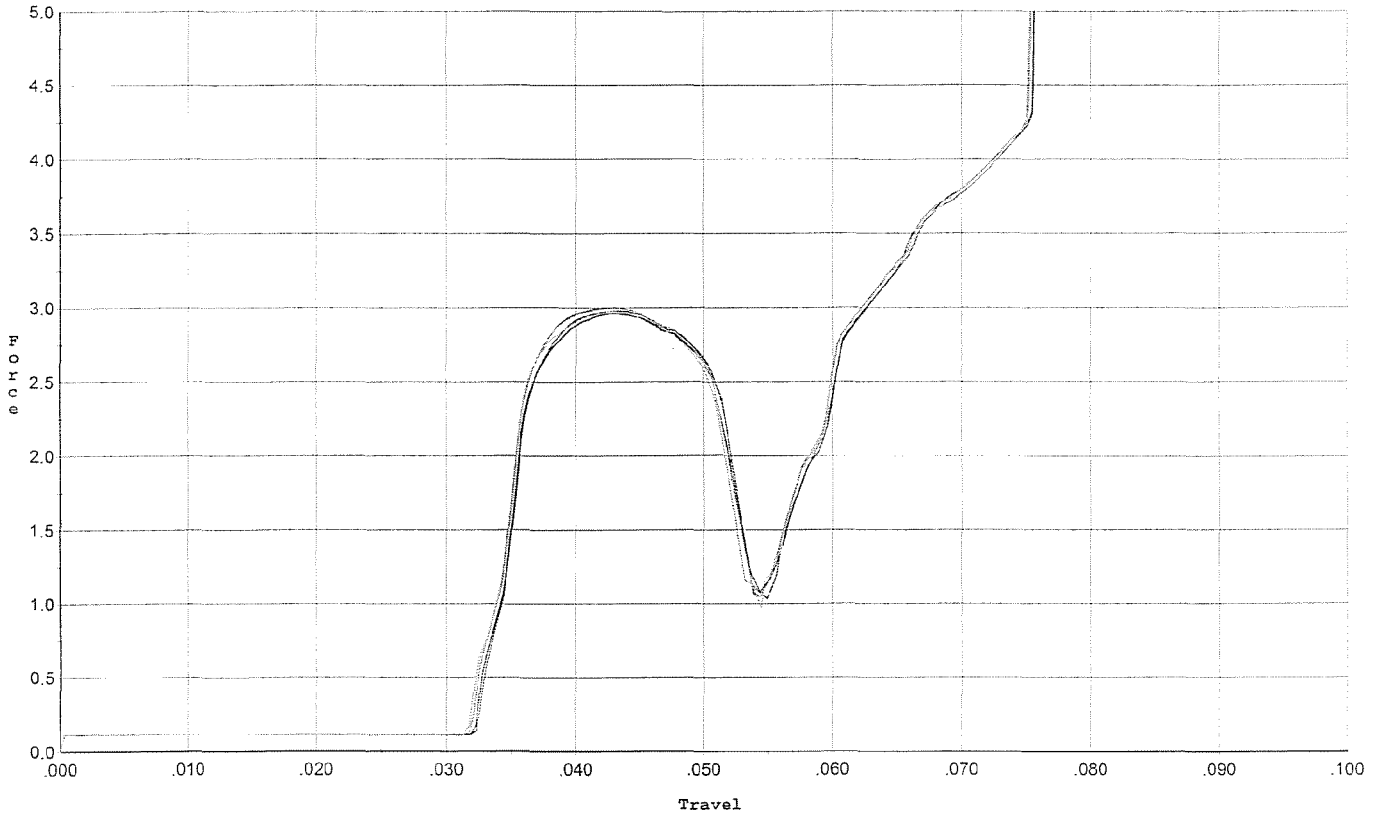
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.009	0.052	0.033	0.030	0.052		Set Trigger
2	3.011	0.052	0.033	0.030	0.052		Set Trigger
3	3.045	0.052	0.033	0.030	0.052		Set Trigger
4	3.028	0.053	0.033	0.030	0.053		Set Trigger
5	3.034	0.051	0.033	0.030	0.053		Set Trigger

Avg 3.02

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/13/07

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



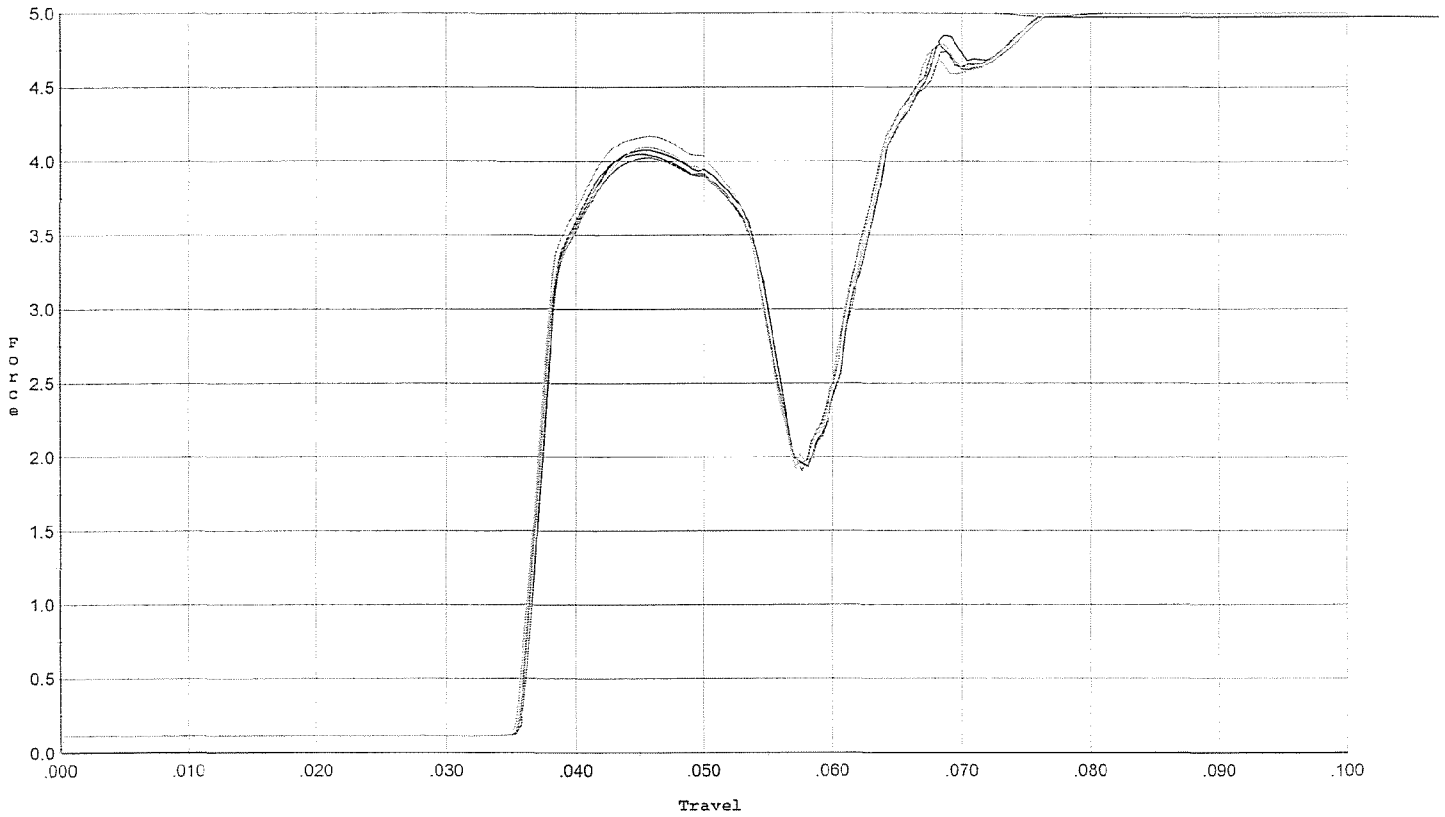
#	Peak Force	Travel To Actuate-	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.980	0.051	0.033	0.030	0.052		Set Trigger
2	2.963	0.052	0.032	0.030	0.053		Set Trigger
3	3.001	0.052	0.032	0.030	0.054		Set Trigger
4	2.977	0.051	0.032	0.030	0.052		Set Trigger
5	2.998	0.052	0.032	0.030	0.054		Set Trigger

Avg 2.98

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/13/07

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



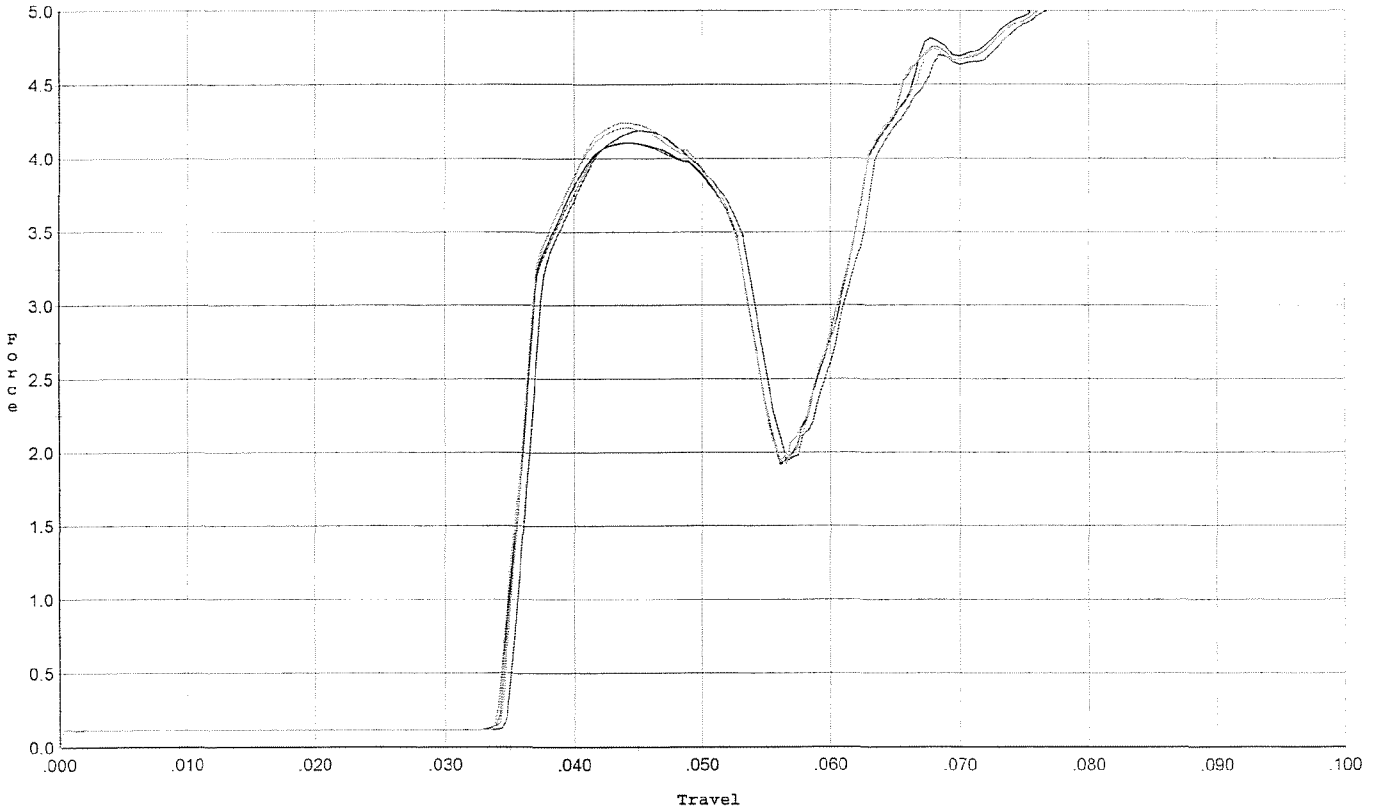
#	Peak Force	Travel To Actuate -	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.049	0.054	0.036	0.029	0.071		Set Trigger
2	4.077	0.055	0.036	0.029	0.073		Set Trigger
3	4.026	0.054	0.036	0.029	0.070		Set Trigger
4	4.095	0.054	0.036	0.029	0.071		Set Trigger
5	4.171	0.054	0.035	0.029	0.073		Set Trigger

Avg 4.08

Trigger Profile [lbs,inch]

Profile SWS
 GunType: Rifle
 Make: Remington
 Note: R. Putch 3/13/07

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



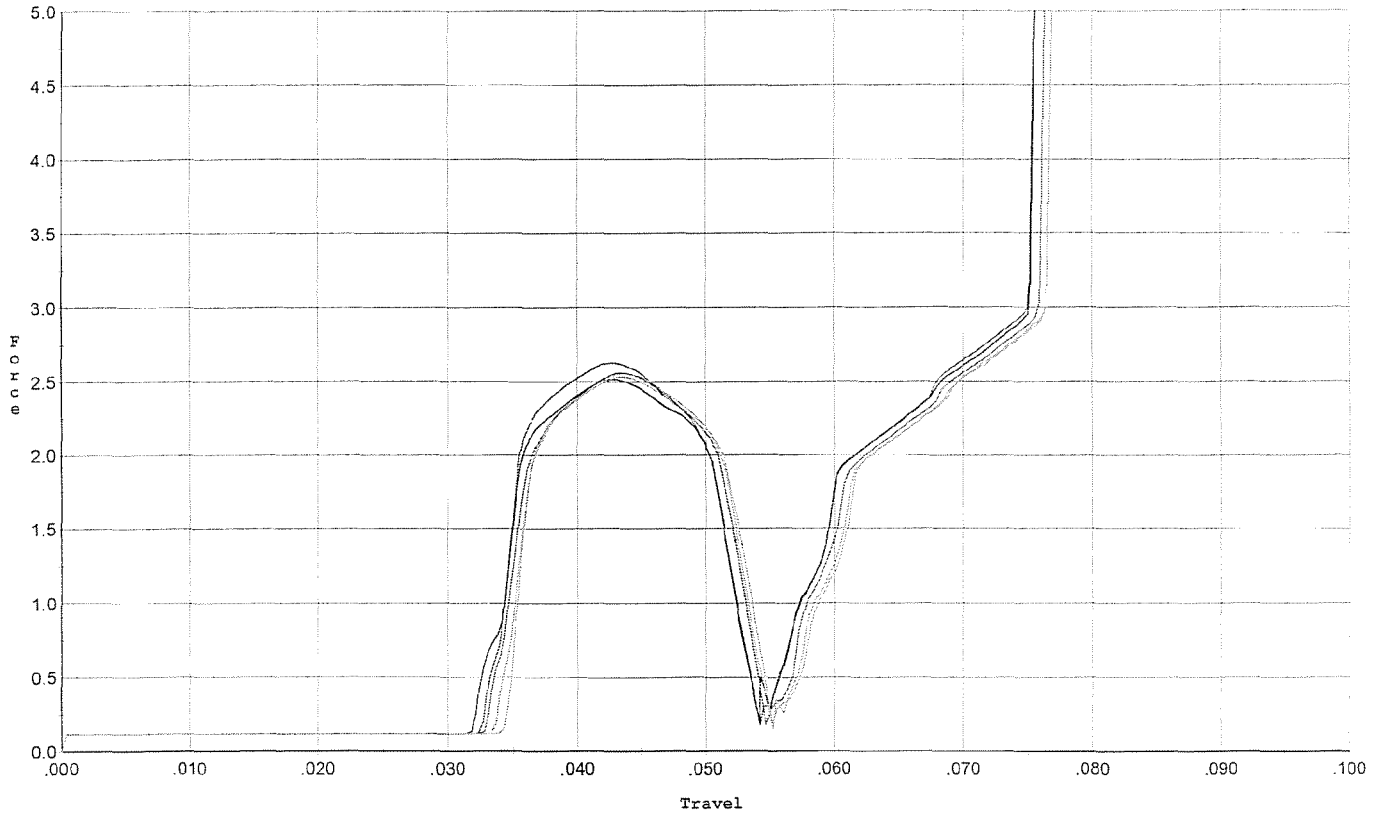
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.189	0.053	0.035	0.029	0.073		Set Trigger
2	4.107	0.053	0.034	0.029	0.073		Set Trigger
3	4.109	0.053	0.034	0.029	0.072		Set Trigger
4	4.210	0.053	0.034	0.029	0.073		Set Trigger
5	4.242	0.053	0.034	0.029	0.074		Set Trigger

Avg 4.17

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/13/07

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



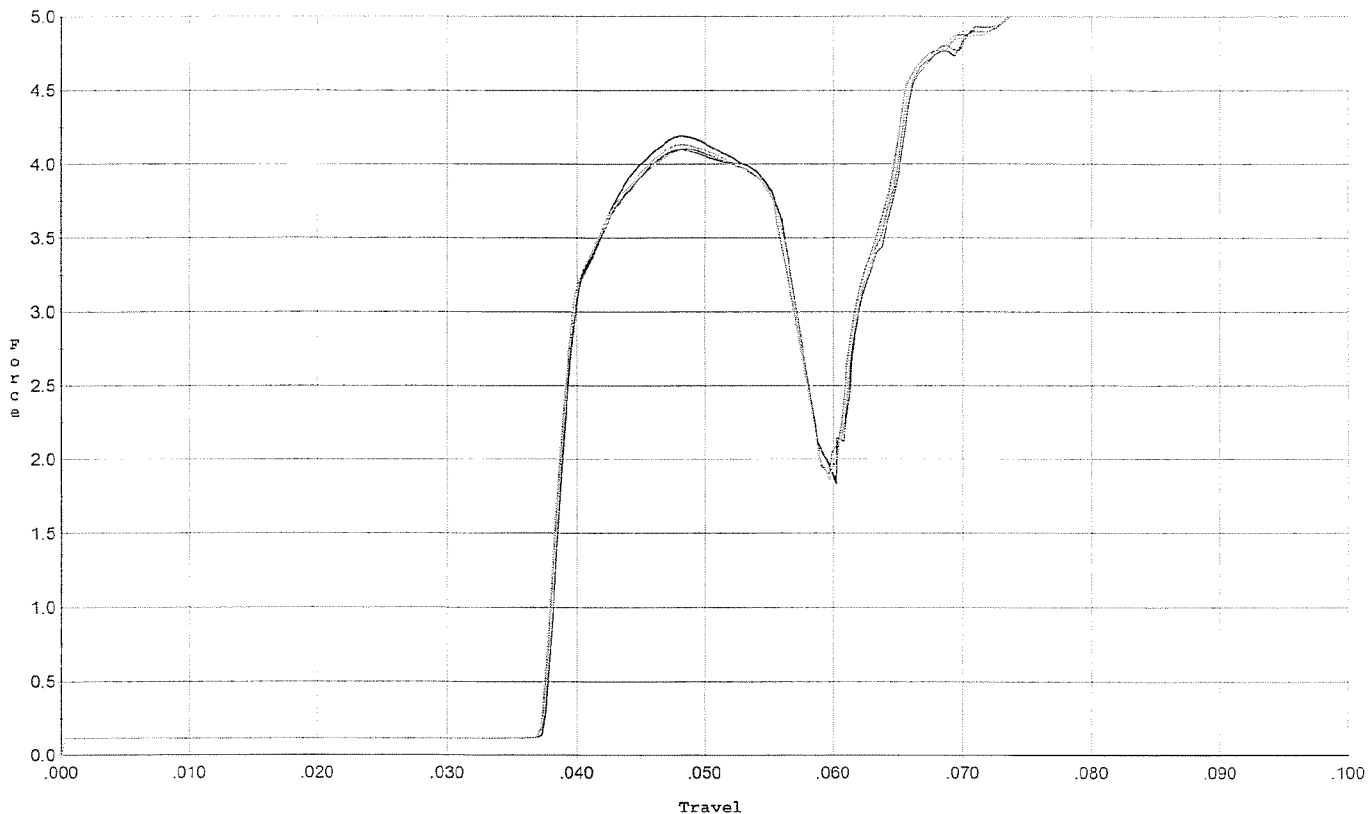
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.629	0.051	0.033	0.031	0.044		Set Trigger
2	2.516	0.051	0.032	0.031	0.043		Set Trigger
3	2.560	0.052	0.033	0.031	0.044		Set Trigger
4	2.532	0.052	0.034	0.032	0.043		Set Trigger
5	2.558	0.053	0.035	0.031	0.044		Set Trigger

AVG 2.55

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 3/13/07

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	4.098	0.056	0.037	0.028	0.075		Set Trigger
2	4.191	0.056	0.038	0.028	0.075		Set Trigger
3	4.105	0.057	0.037	0.028	0.076		Set Trigger
4	4.134	0.057	0.037	0.028	0.076		Set Trigger
5	4.097	0.056	0.037	0.028	0.075		Set Trigger

Avg 4.12

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	126628		G6590115 (New)	
SERIAL NUMBER	E6443454			
LOG-IN DATE	3-16-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		3-21-07	RTZ
505	RE-BARREL		3-22-07	RTZ
560	ASSEMBLE		3-23-07	RTZ
600	PROOF		3-23-07	TRW
605	CHECK HEADSPACE	INSPECTED MAR 26 2007 OPERATOR <u>OPD</u>	3-23-07	TRW
610	DIS-ASSEMBLE GUN		3-23-07	RTZ
612	MAGNAFLUX		3-26-07	APD
510	DRILL AND TAP		3-23-07	TRW
615	ROLLMARK CALIBER		3-26-07	CW
618	ROTO-BLAST		3-26-07	LB
620	APPLY COATINGS		3-29-07	WJ
625	FINAL ASSEMBLY		4-9-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	4-12-07	TRW
650	TARGET	(PASS) FAIL	4-12-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION -	CORRECTION		
	MALFUNCTION	CORRECTION	4-12-07	Fry
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL		
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.54 2.43 2.57 2.48 2.40	4/19/07 non
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	8.0 8.0 7.5	4/19/07 non
	G) SAFETY OFF FORCE	2 LBS MAX	4.5 3.25 3.25	4/19/07 non
	I) FIRING PIN INDENT	.020	.021 .023 .024	4/19/07 non
690	PACK		4-23-07	RA

Serial Number: ~~C6225345~~
Model: 700



RE00034185

Final Inspection

In: C6225345

DATE REC'D: 10-18-01

DATE RET'D: 10-30-01

EDITOR: AR

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 Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # E6413454
25 Oct 2001

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0366
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.075
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0834539

THE AMR FOR THIS RIFLE IS: .8948

CENTROIDAL DISTANCES

0	TO	1	.131746
1	TO	2	.0198494
1	TO	3	.195092
1	TO	4	.200721
1	TO	5	.252446

5
3 2 4 <----POA

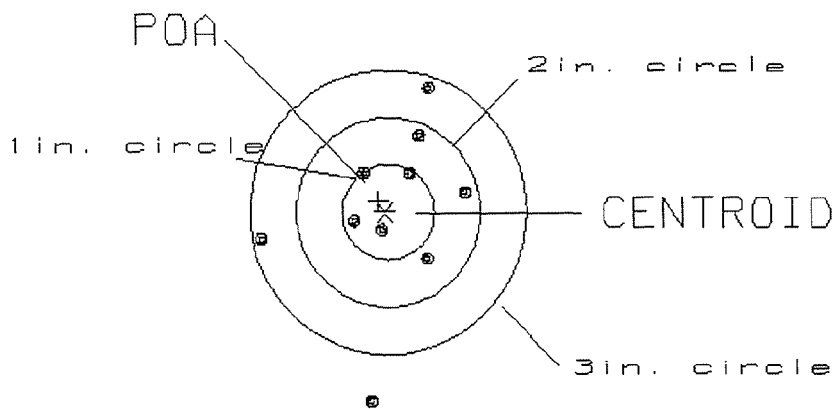
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .131
 MIN RADIUS : .238
 MEAN RADIUS : .881
 MAX RADIUS : 2.028
 CENTROID X : .074
 CENTROID Y : -.109

25 Oct 2001

FILE:/H:\basic/Accuracy/Patterning/Centerfire_Patt/E6413454

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 2.19
 VS= 3.36
 GS= 3.40

3
 7
 9

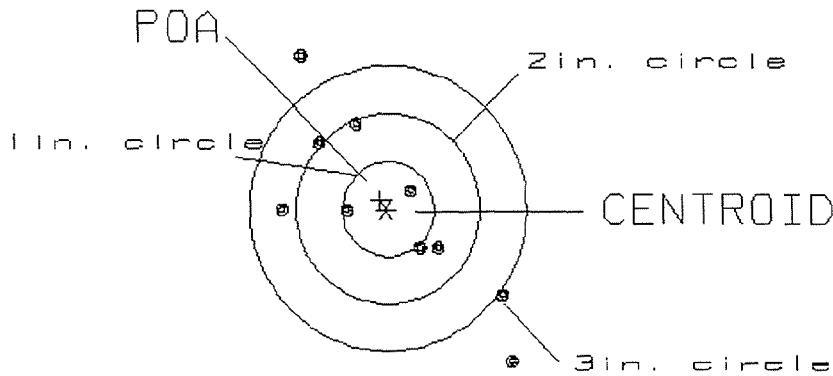
PATTERN #: ☐ 2 ☐

POA TO CENTROID: .112
 MIN RADIUS : .335
 MEAN RADIUS : 1.065
 MAX RADIUS : 2.086
 CENTROID X : .059
 CENTROID Y : -.096

25 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EG413454

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.54
 VS= 3.22
 GS= 3.94

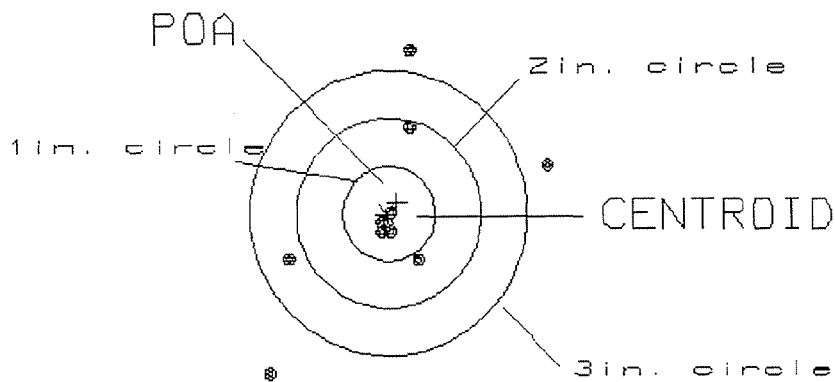
2
 5
 7

PATTERN #: ☐ 3 ☐
 POA TO CENTROID: .167
 MIN RADIUS : .064
 MEAN RADIUS : .887
 MAX RADIUS : 2.099
 CENTROID X : -.121
 CENTROID Y : -.115

25 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/EG413454

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 3.00

4

VS= 3.40

6

GS= 3.71

7

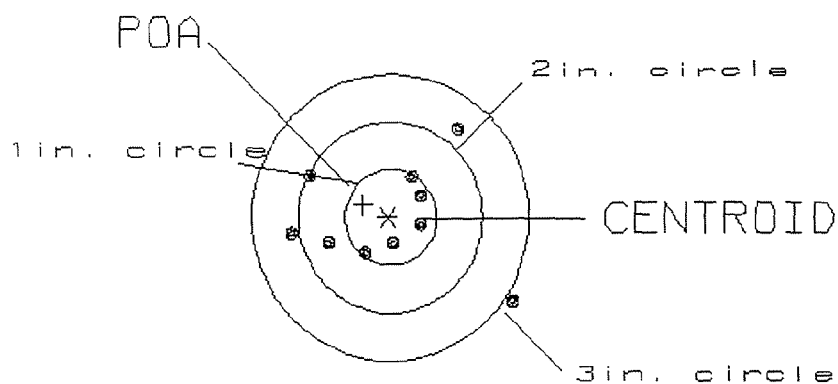
PATTERN #: 4

POA TO CENTROID: .301
 MIN RADIUS : .300
 MEAN RADIUS : .752
 MAX RADIUS : 1.556
 CENTROID X : .274
 CENTROID Y : -.126

25 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413454

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 2.37

4

VS= 1.79

7

GS= 2.53

9

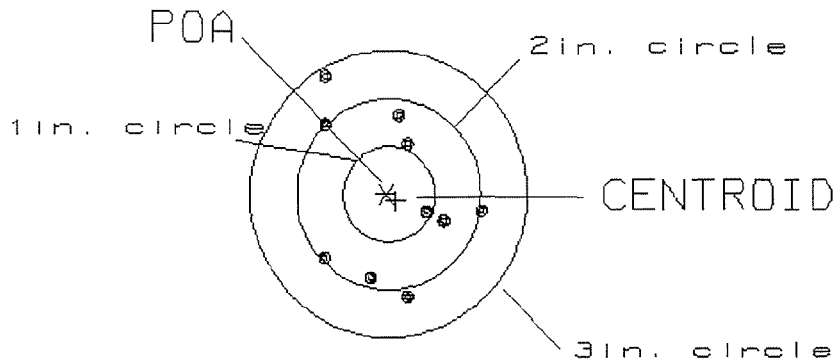
PATTERN #: 5

POA TO CENTROID: .125
 MIN RADIUS : .390
 MEAN RADIUS : .889
 MAX RADIUS : 1.421
 CENTROID X : -.103
 CENTROID Y : .071

25 Oct 2001

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/E6413454

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.70
 VS= 2.28
 GS= 2.47

1
 7
 10

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

R & E NUMBER

34185

SERIAL NUMBER E 6413454

LOG-IN DATE CO-18-0

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-19-01	<i>[Signature]</i>
560 A	RE-BARREL AT CUSTOM SHOP	10/19/01	BWT
B	DRILL AND TAP	10/19/01	BWT
C	POLISH	10- 19 -01	<i>[Signature]</i>
575	ASSEMBLE	10/19/01	<i>[Signature]</i>
600	PROOF	10-19-01	AC
605	CHECK HEADSPACE	10-20-01	<i>[Signature]</i>
610	DIS-ASSEMBLE GUN	10-20-02	<i>[Signature]</i>
612	MAGNAFLUX	OPERATOR	AC
615	ROLLMARK CALIBER	10-20-01	<i>[Signature]</i>
618	ROTO-BLAST	10-20-01	AC
620	APPLY COATINGS	10/22	HLP
625 A	FINAL ASSEMBLY	10-24-01	<i>[Signature]</i>
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-25-01	AC
655	FINAL INSPECT	10-29-01	<i>[Signature]</i>
660	PACK	10-29-01	PA
		SHIP DATE	
		OAR INSPECTION DATE	