

C6225522

MODEL 700TM M24

Model SWSTM

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington.

M2400050603

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. 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: **RE00164341** Serial: C6225522 Model M24 SWS Center Fire Repairman: Status: Closed 3/11/2009 8:44:58 AM
 Verify Repair Caliber: 7.62 NATO

Address Information

Customer: Received From Return To: Received From
 Name: C CO 2/7TH SFG (A) C CO 2/7TH SFG (A)
 Address 1: 77 SFWAY 77 SFWAY
 Address 2: PO Box: 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: Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Refresh Close

Repair Search Refresh Close

Repair

magletj 3/11/2009 1:45 PM CAPS NUM INS SCRL

start 8 Micros... 6 Micros... Excel 200... Arms Serv... Part Search... DMS - Glo... Gov't Misc 1:45 PM

Serial Number: **C6225522**

Model: **M24 SWS**



RE00164341

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

R & E NUMBER	<u>164341</u>		
SERIAL NUMBER	<u>C6225522</u>		
LOG-IN DATE	<u>3-11-09</u>		

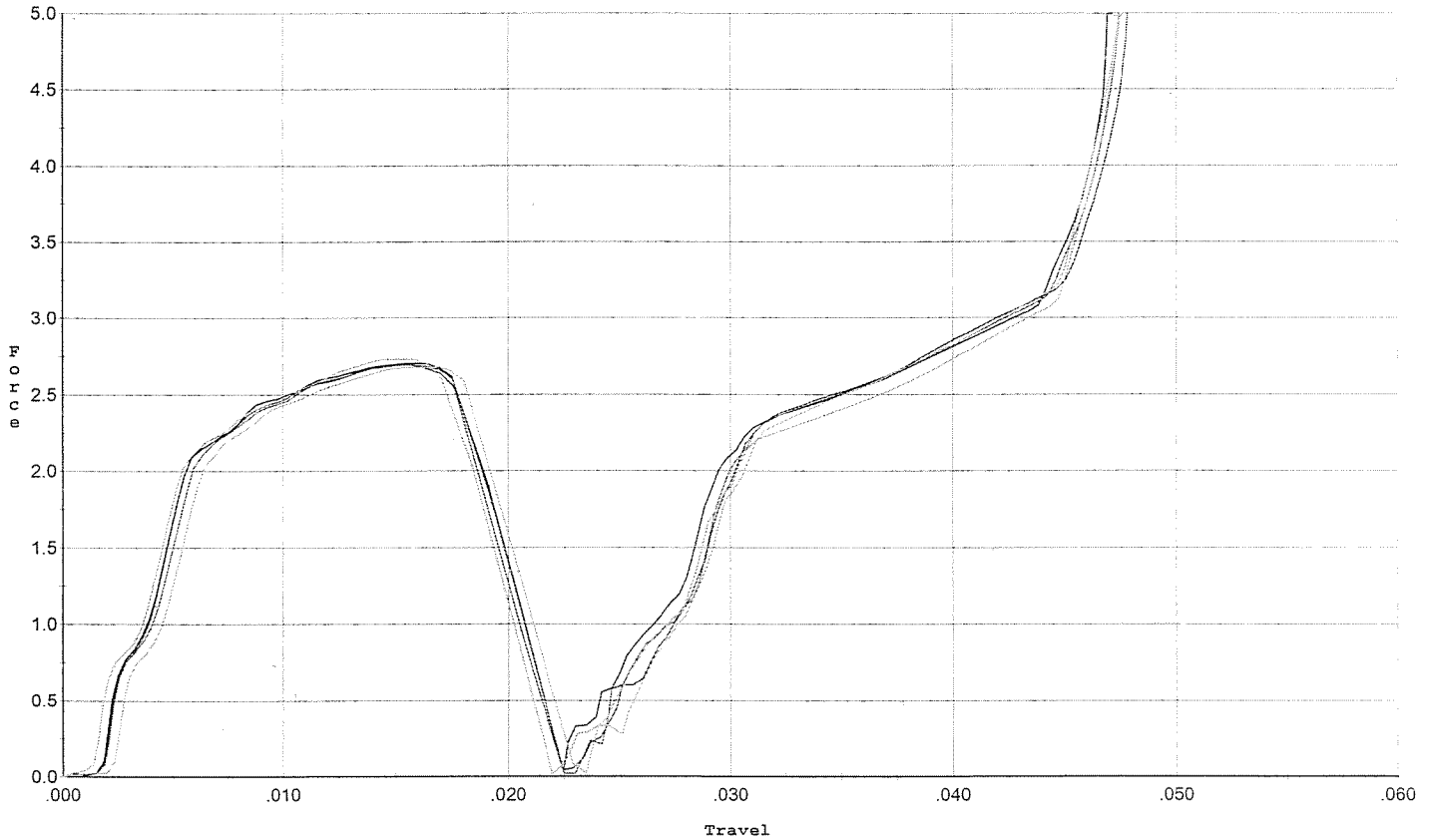
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-12-09	RTZ
505	RE-BARREL	3-16-09	RTZ
420	ASSEMBLE	3-16-09	RTZ
440	PROOF	MAGNA - FLUX 3-17-09	RT
460	CHECK HEADSPACE	3-17-09	RT
470	DIS-ASSEMBLE GUN	3-17-09	RTZ
480	MAGNAFLUX	OPERATOR N 3-20-09	N
510	DRILL AND TAP	3-17-09	JP
500	ROLLMARK CALIBER	3/24/09	RT
520	GOFF BLAST BBL / REC	3-24	BT
530 & 540	APPLY COATINGS	3-31	
560	FINAL ASSEMBLY	4-2-09	RTZ
640	FUNCTION TEST AND	PASS FAIL	4-2-09 RP
650	TARGET	PASS FAIL	4-2-09 RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION A) HEADSPACE	PASS FAIL	4-7-09 RP
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS 255 255 259 258 254 4-4-09 RP	
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 7.0 7.0 7.0	
	G) SAFETY OFF FORCE	2 LBS MIN 3.5 3.5 3.5	
	I) FIRING PIN INDENT	.020 .022 .022 .022	
690	PACK	4/3/09	Frj

F006 REV 1/2009

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C Schults 3/11/2009

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



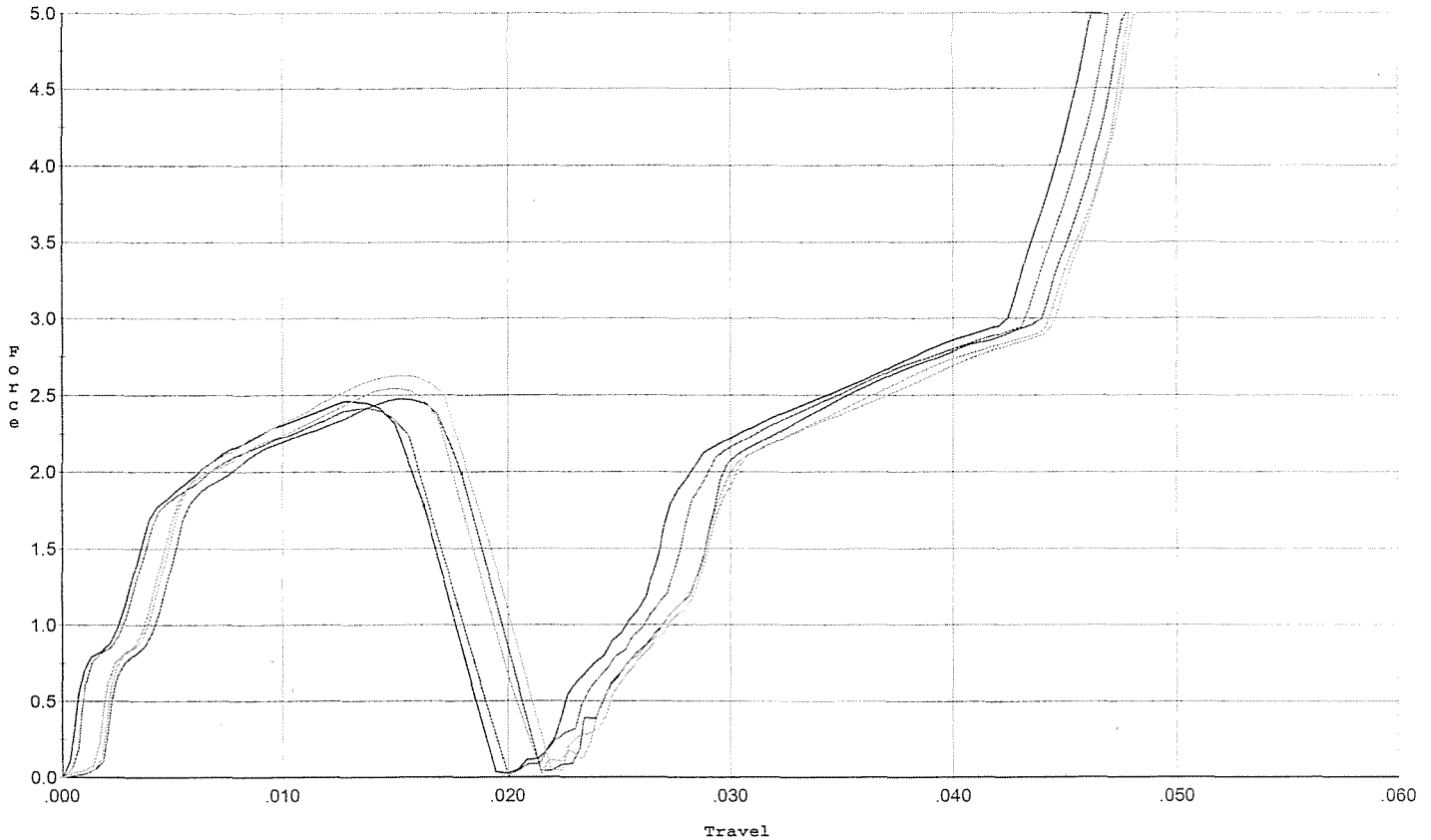
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.696	0.018	0.00	0.032	0.033		Set Trigger
2	2.704	0.019	0.00	0.031	0.035		Set Trigger
3	2.694	0.019	0.002	0.031	0.035		Set Trigger
4	2.682	0.020	0.002	0.032	0.036		Set Trigger
5	2.734	0.018	0.00	0.032	0.034		Set Trigger

A-2.70

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C Schults 3/11/2009

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



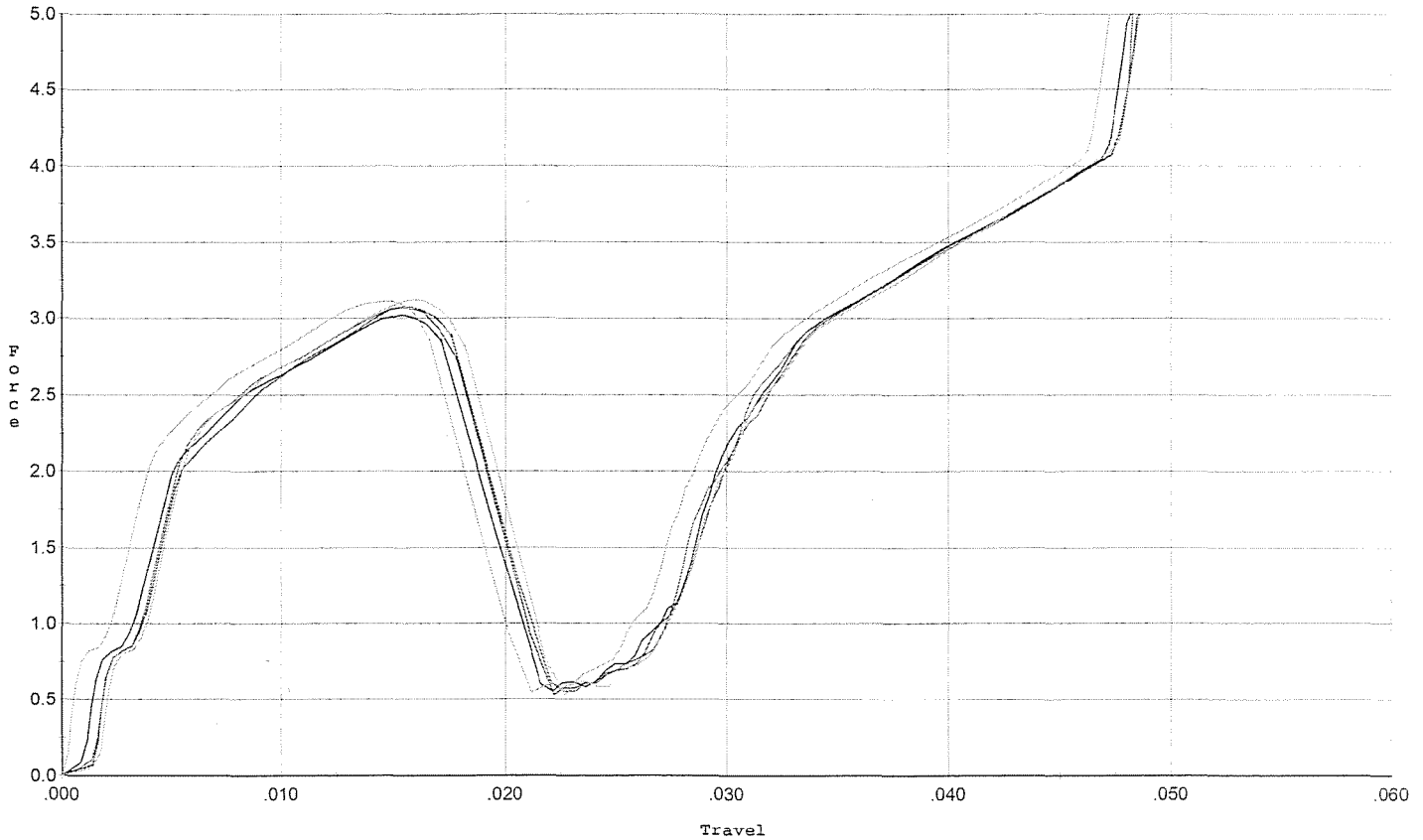
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.477	0.018	0.00	0.033	0.030		Set Trigger
2	2.456	0.016	0.00	0.033	0.029		Set Trigger
3	2.418	0.018	0.00	0.034	0.030		Set Trigger
4	2.628	0.019	0.00	0.033	0.034		Set Trigger
5	2.543	0.017	0.00	0.034	0.029		Set Trigger

A-2-50

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/11/2009

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



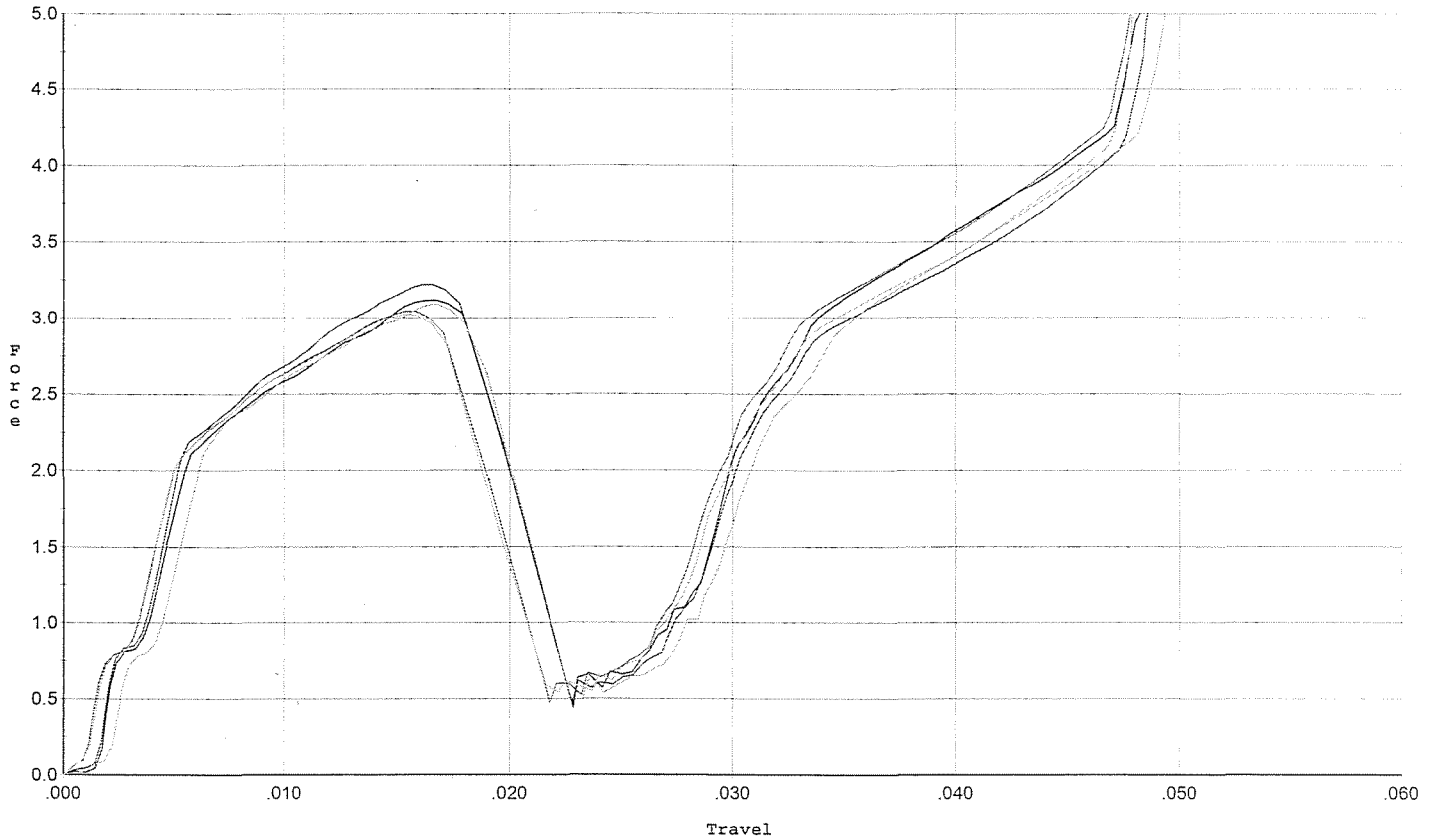
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.063	0.018	0.00	0.032	0.036		Set Trigger
2	3.020	0.017	0.00	0.032	0.035		Set Trigger
3	3.077	0.018	0.00	0.032	0.036		Set Trigger
4	3.125	0.018	0.00	0.032	0.037		Set Trigger
5	3.113	0.017	0.00	0.032	0.037		Set Trigger

A-3.08

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/11/2009

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



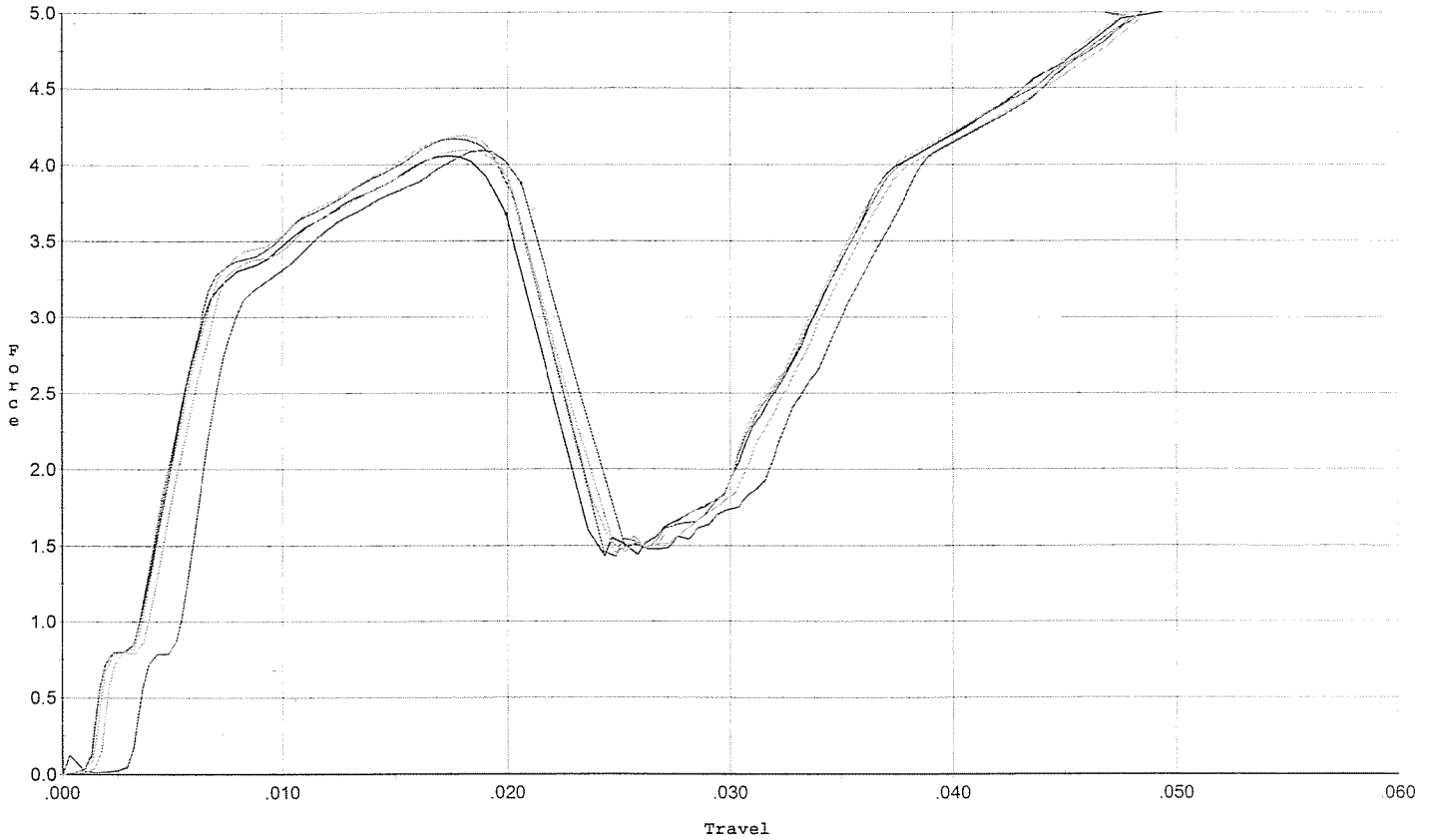
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.220	0.020	0.00	0.032	0.041		Set Trigger
2	3.117	0.020	0.00	0.031	0.040		Set Trigger
3	3.044	0.019	0.00	0.032	0.039		Set Trigger
4	3.023	0.017	0.00	0.032	0.035		Set Trigger
5	3.091	0.019	0.00	0.032	0.037		Set Trigger

A-3.09

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/11/2009

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



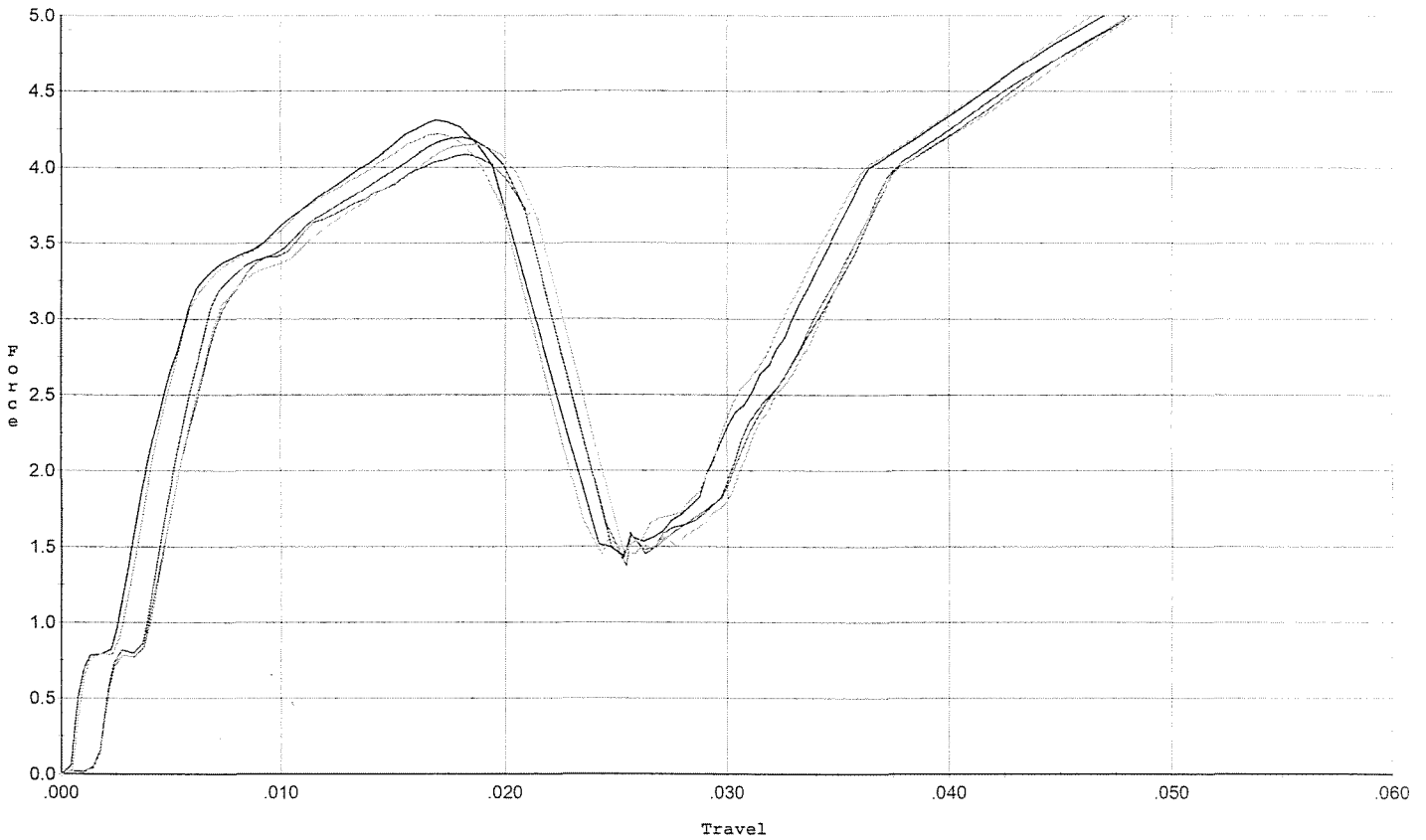
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.092	0.021	0.003	0.031	0.052		Set Trigger
2	4.055	0.020	0.00	0.030	0.054		Set Trigger
3	4.169	0.020	0.00	0.030	0.056		Set Trigger
4	4.190	0.020	0.00	0.030	0.055		Set Trigger
5	4.096	0.020	0.00	0.030	0.054		Set Trigger

A-4.12

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/11/2009

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



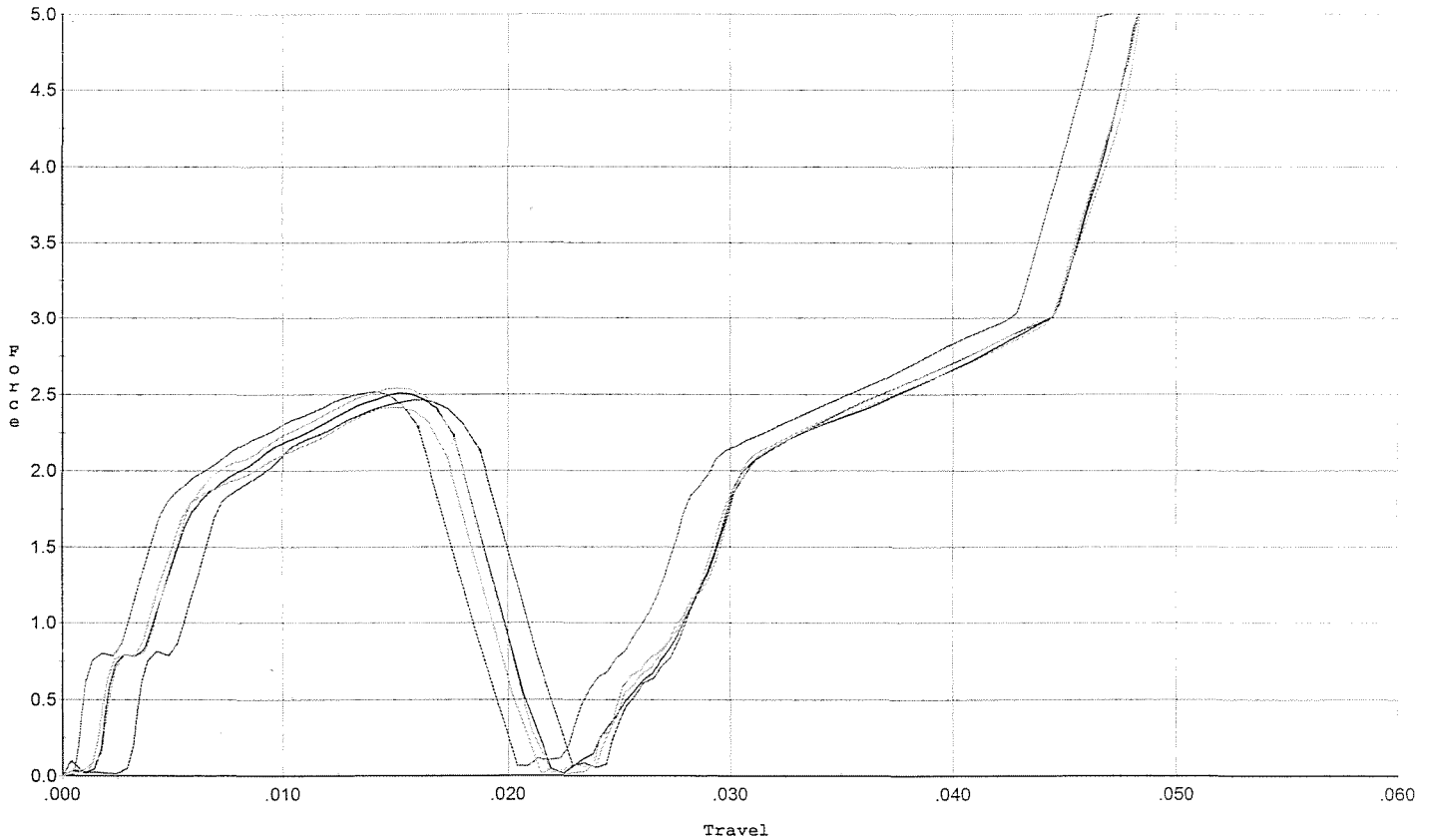
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.198	0.021	0.00	0.030	0.057		Set Trigger
2	4.310	0.019	0.00	0.029	0.056		Set Trigger
3	4.085	0.021	0.00	0.030	0.056		Set Trigger
4	4.153	0.021	0.00	0.030	0.058		Set Trigger
5	4.220	0.020	0.00	0.029	0.056		Set Trigger

A.4.19

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: C Schults 3/11/2009

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



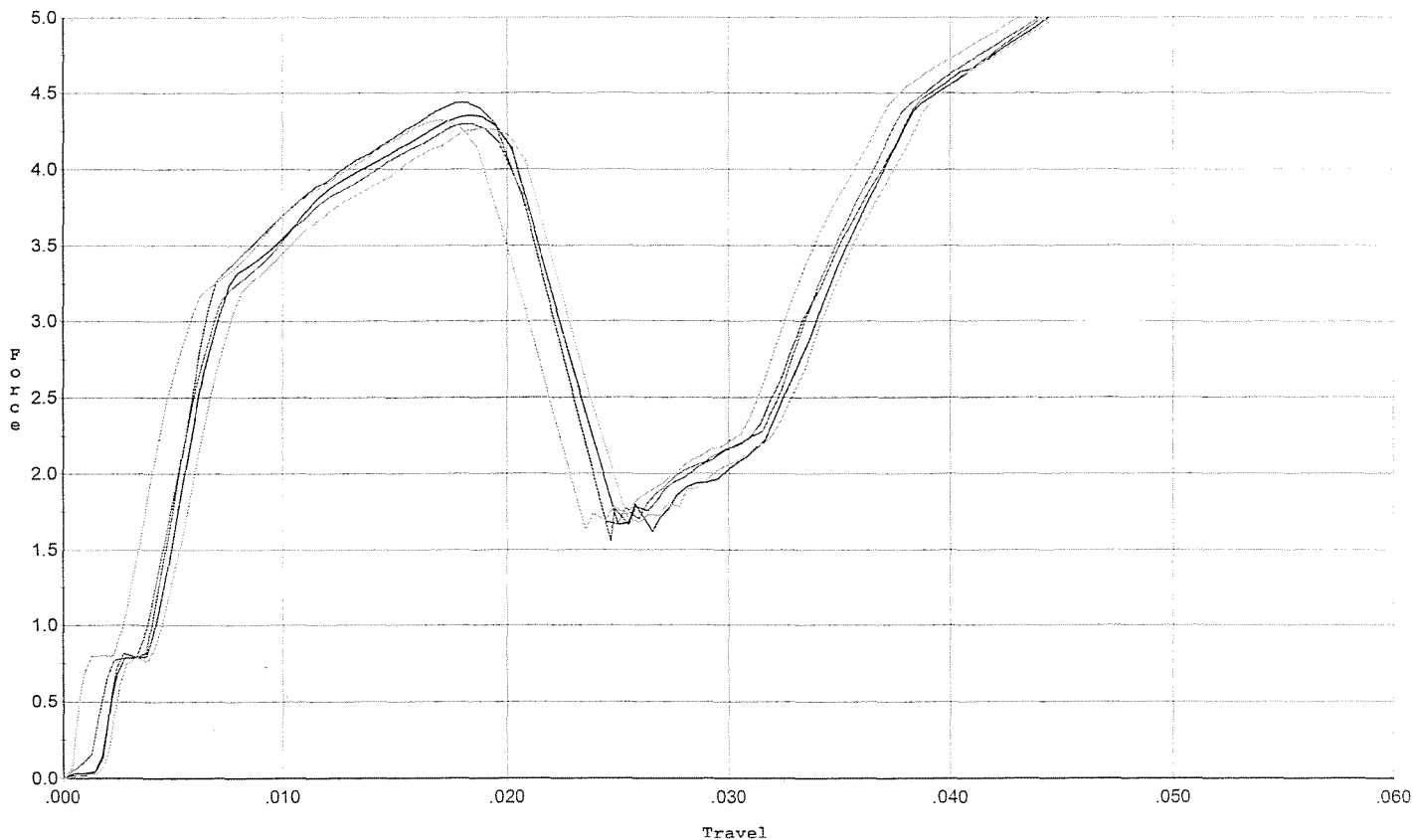
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.465	0.019	0.003	0.033	0.029		Set Trigger
2	2.510	0.018	0.00	0.034	0.029		Set Trigger
3	2.519	0.016	0.00	0.033	0.028		Set Trigger
4	2.544	0.018	0.00	0.034	0.030		Set Trigger
5	2.418	0.017	0.00	0.034	0.028		Set Trigger

A-2.49

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C Schults 3/11/2009

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	4.438	0.021	0.00	0.029	0.059		Set Trigger
2	4.356	0.020	0.00	0.030	0.056		Set Trigger
3	4.296	0.021	0.00	0.029	0.057		Set Trigger
4	4.272	0.021	0.00	0.029	0.056		Set Trigger
5	4.320	0.021	0.00	0.029	0.060		Set Trigger

A-4.33

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225522.___0
FILE DATE AND TIME: 04/04/2009 06:33

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

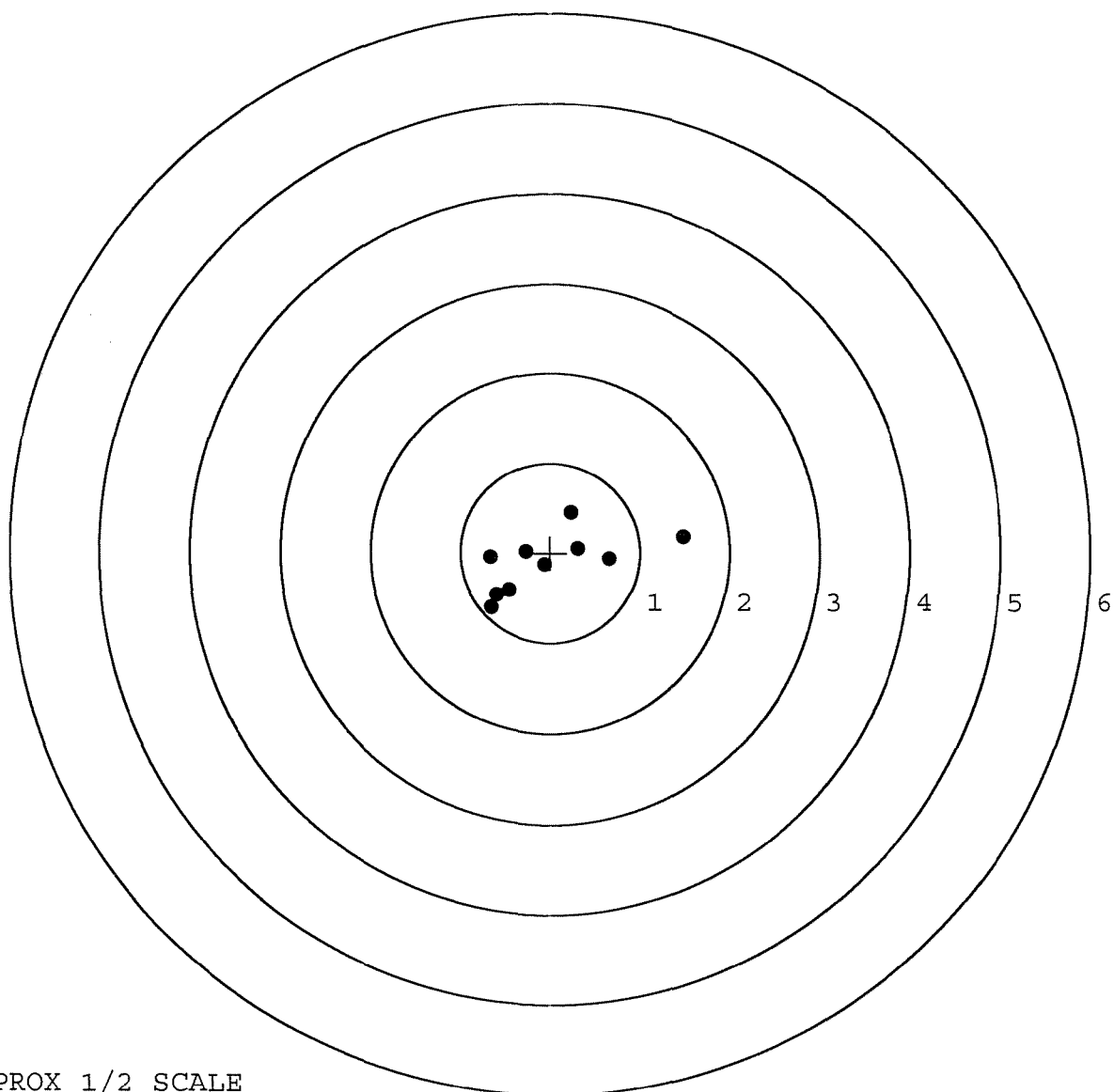
The Average X Centroid of the Five Target Set:	-0.010
The Average Y Centroid of the Five Target Set:	-0.048
The Average Point of Impact of the Five Target Set:	0.049
The Average Mean Radius of the Five Target Set:	0.502
The Distance from POA to Centroid Target #1:	0.108
The Distance from Centroid Target #2 to Centroid Target #1:	0.054
The Distance from Centroid Target #3 to Centroid Target #1:	0.198
The Distance from Centroid Target #4 to Centroid Target #1:	0.099
The Distance from Centroid Target #5 to Centroid Target #1:	0.119

SERIAL NUMBER: C6225522.___0
TARGET NUMBER: 1
FILE DATE: 04/04/2009
FILE TIME: 06:33

X CENTROID: -0.006
Y CENTROID: -0.108
POA TO CENTROID: 0.108
HORZ SPREAD: 2.155
VERT SPREAD: 1.066
GROUP SPREAD: 2.285
MIN RADIUS: 0.070
MAX RADIUS: 1.516
MEAN RADIUS: 0.626

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.482	0.184
2:	0.655	-0.073
3:	0.234	0.452
4:	-0.673	-0.058
5:	-0.659	-0.614
6:	-0.460	-0.420
7:	0.310	0.051
8:	-0.280	0.017
9:	-0.068	-0.139
10:	-0.600	-0.477

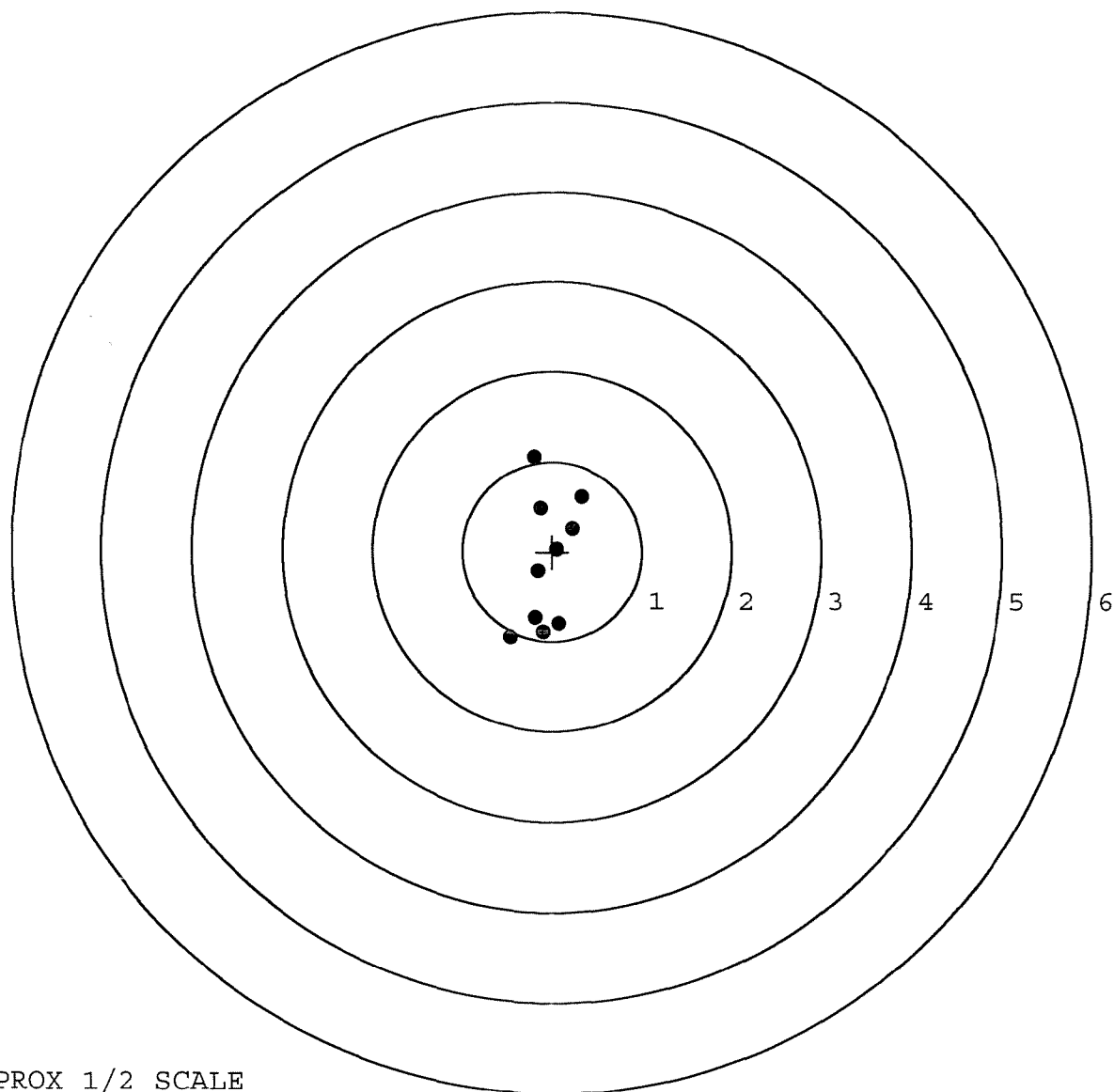


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225522. __0
TARGET NUMBER: 2
FILE DATE: 04/04/2009
FILE TIME: 06:33

X CENTROID: -0.058
Y CENTROID: -0.120
POA TO CENTROID: 0.134
HORZ SPREAD: 0.802
VERT SPREAD: 2.014
GROUP SPREAD: 2.031
MIN RADIUS: 0.146
MAX RADIUS: 1.181
MEAN RADIUS: 0.648
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.206	1.051
2:	-0.136	0.485
3:	0.333	0.610
4:	0.227	0.257
5:	0.050	0.030
6:	-0.166	-0.218
7:	0.076	-0.809
8:	-0.190	-0.743
9:	-0.469	-0.963
10:	-0.100	-0.902

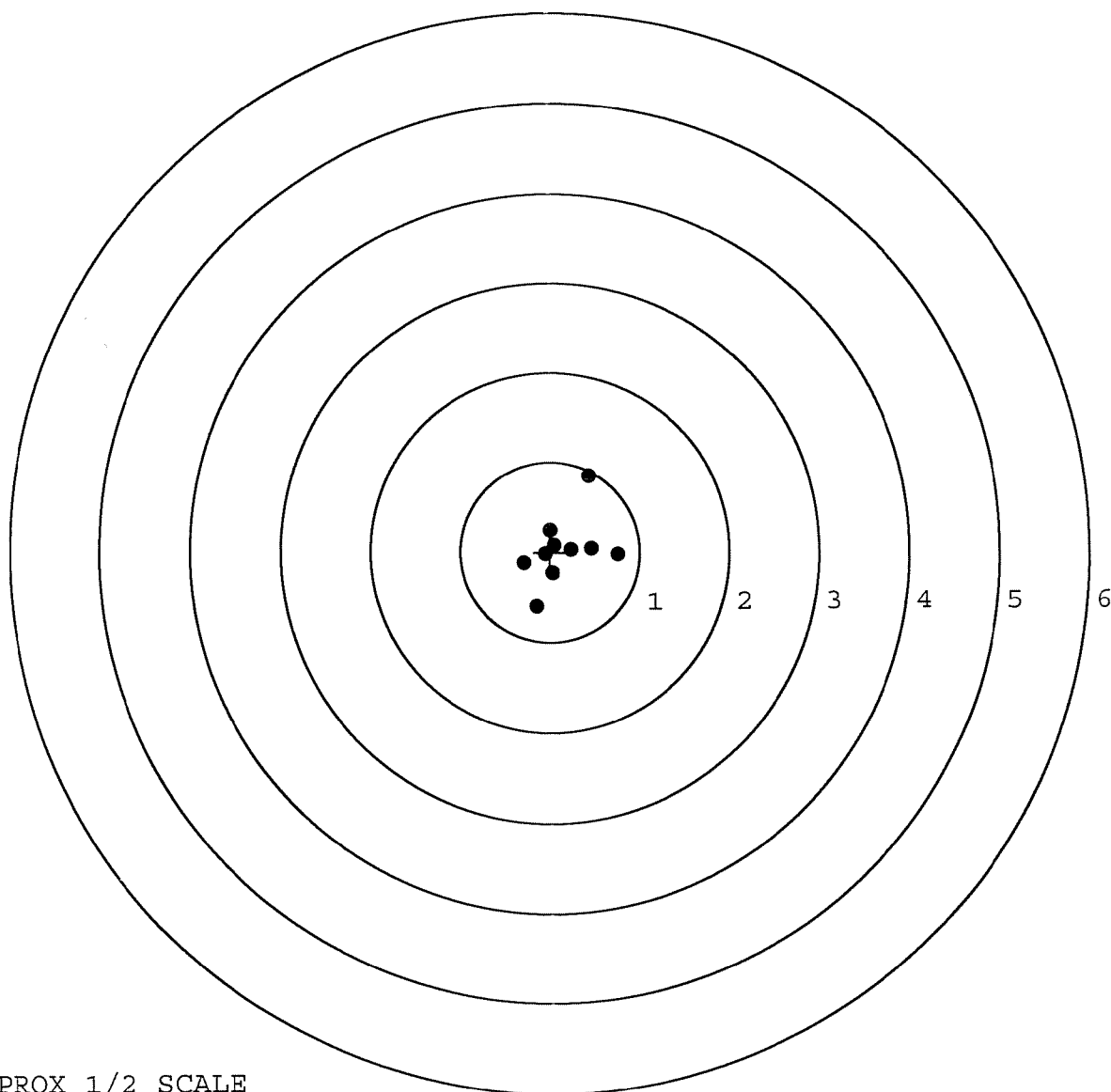


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225522. 0
TARGET NUMBER: 3
FILE DATE: 04/04/2009
FILE TIME: 06:33

X CENTROID: 0.145
Y CENTROID: 0.021
POA TO CENTROID: 0.147
HORZ SPREAD: 1.053
VERT SPREAD: 1.450
GROUP SPREAD: 1.567
MIN RADIUS: 0.089
MAX RADIUS: 0.871
MEAN RADIUS: 0.392
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.436	0.842
2:	0.755	-0.030
3:	0.460	0.041
4:	-0.158	-0.608
5:	0.027	-0.238
6:	0.234	0.032
7:	0.000	0.243
8:	-0.298	-0.123
9:	-0.056	-0.024
10:	0.052	0.074

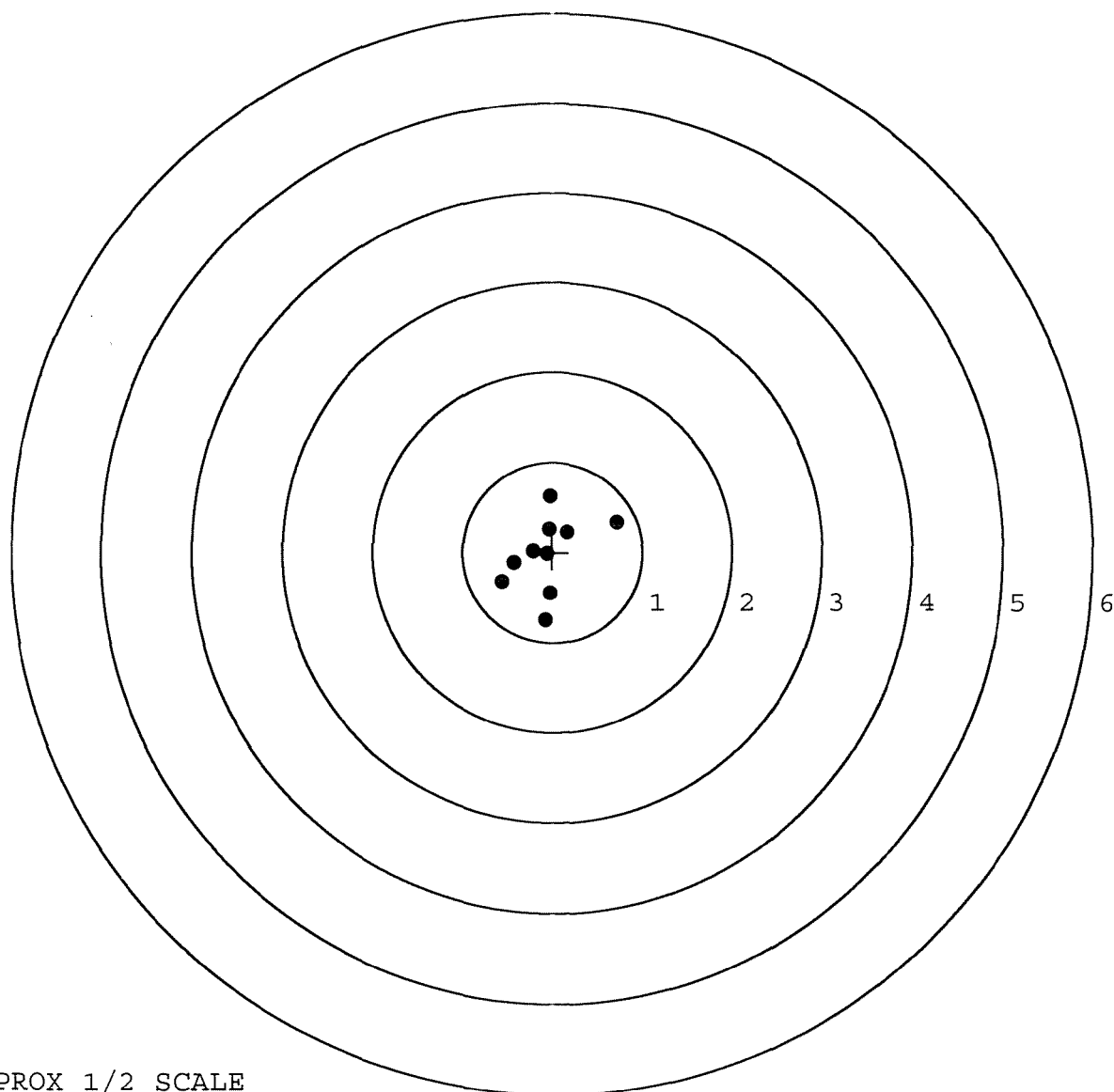


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225522. 0
TARGET NUMBER: 4
FILE DATE: 04/04/2009
FILE TIME: 06:33

X CENTROID: -0.058
Y CENTROID: -0.023
POA TO CENTROID: 0.062
HORZ SPREAD: 1.279
VERT SPREAD: 1.379
GROUP SPREAD: 1.442
MIN RADIUS: 0.008
MAX RADIUS: 0.851
MEAN RADIUS: 0.443
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.714	0.334
2:	-0.565	-0.332
3:	-0.431	-0.119
4:	-0.082	-0.757
5:	-0.028	-0.457
6:	-0.030	0.622
7:	-0.218	0.016
8:	0.164	0.220
9:	-0.065	-0.020
10:	-0.038	0.259

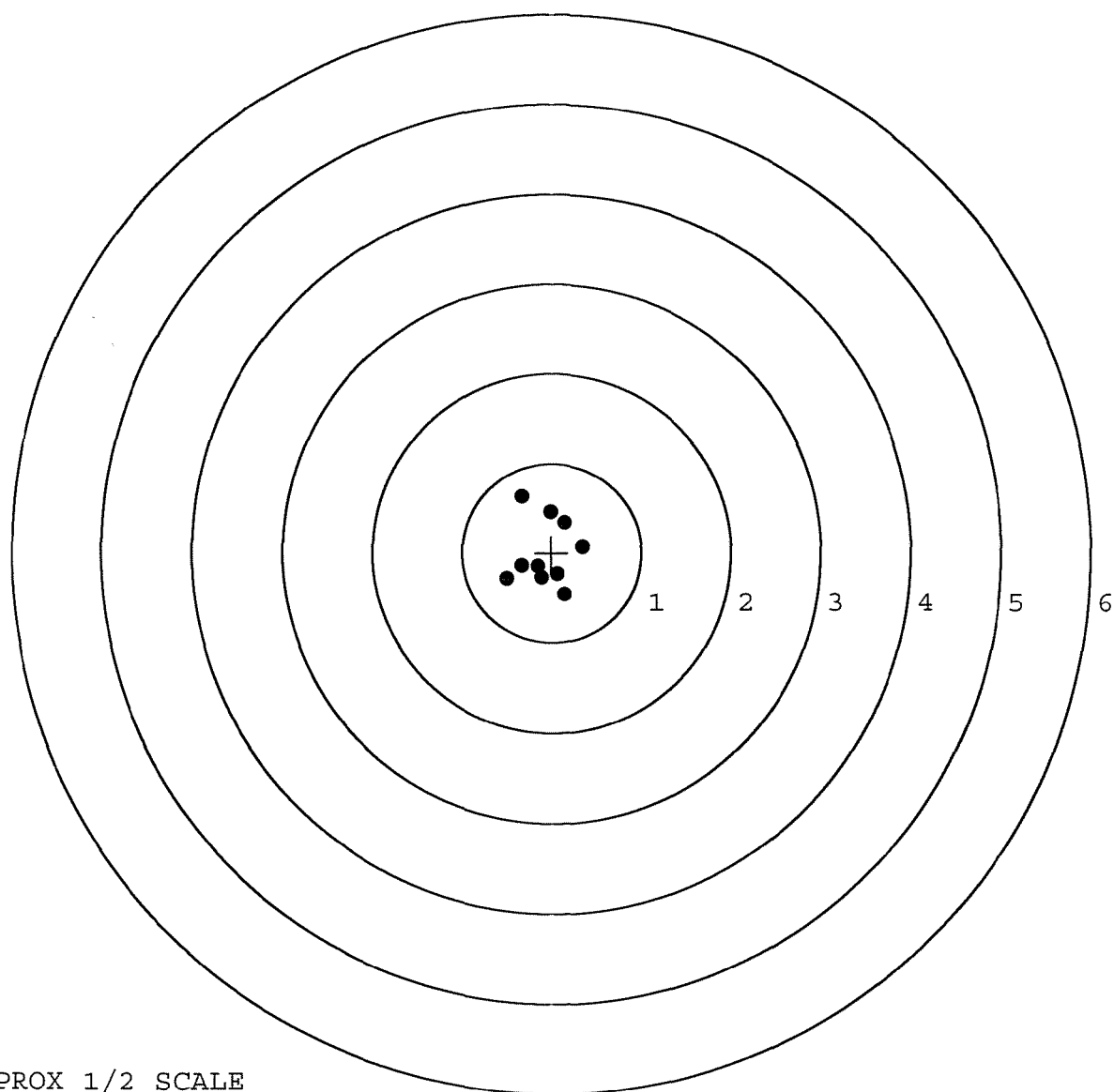


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225522. __0
TARGET NUMBER: 5
FILE DATE: 04/04/2009
FILE TIME: 06:33

X CENTROID: -0.076
Y CENTROID: -0.011
POA TO CENTROID: 0.077
HORZ SPREAD: 0.854
VERT SPREAD: 1.095
GROUP SPREAD: 1.195
MIN RADIUS: 0.166
MAX RADIUS: 0.690
MEAN RADIUS: 0.404
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.337	0.627
2:	-0.015	0.458
3:	0.145	0.335
4:	0.352	0.072
5:	0.142	-0.468
6:	0.065	-0.243
7:	-0.155	-0.157
8:	-0.338	-0.152
9:	-0.502	-0.299
10:	-0.114	-0.284



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

R 96-13373 ORDER

INITIAL
FPSCUSTOMER ORDER NO.
11353

M24

DATE RECEIVED
05/30/96DATE OPENED
05/30/96DATE CODE
DI 9-88SERIAL NUMBER
C6225522

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.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

DOOR

GUN CONDITION

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

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN

AMMO

FUNCTION

FINISH

ACCURACY

FIT

INSPECT

CYCLE

A1

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

REC. ASSY.

B5

D2

WOOD

C1

D3

METAL

C2

E5

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

M2400050620

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 011353DATE 5/29/96CUSTOMER NAME: Granny RemingtonADDRESS: FT BRAGG NC

ZIP: _____

PHONE: _____

FIREARM

MODEL: 700CHECK FOR AMMUNITION ☒GAUGE: 308SERIAL # 21225435

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: 5/29/96SIGNATURE: _____
(Security Officer)DATE: 5/29/96SIGNATURE: _____
(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	PD AUTHENTICATION	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HSC, 2/75F6(A) FT. BRAGG, NC 28307		B. LOCATION BLDG E-3928 FT. BRAGG, NC 28307		C. UNIT IDENT CODE WH00DO	
2. SERIAL NO. C6225455		3. NOUN NOMENCLATURE RIFLE, SNIPER		4. LINE NO.	5. MODEL M24	6. NATIONAL STOCK NUMBER 1005-240-2136	
7A. MAINTENANCE ACTIVITY		B. LEVEL DEPT	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS
							11. MILES
							12. ROUNDS 8800
							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 BURAS 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					

DA FORM 2407, AUG 88

EDITION OF MAY 81 MAY BE USED

RECEIPT COPY 1

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400050622

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, 2/1516(A) FT BRAGG, NC 28307		B. LOCATION CLRG E 3728 FT. BRAGG, NC 28307			C. UNIT IDENT CODE WH00 DO				
2. SERIAL NO. 06825455		3. NOUN NOMENCLATURE RIFLE, SNIPER		4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-240 2156			
7A. MAINTENANCE ACTIVITY		B. LEVEL DEPOT		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC			
						9C. PACING ITEM		10. HOURS			
								11. MILES			
								12. ROUNDS 8000			
								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			
☐ B Handling		☒ D Normal Op		☐ F Inspection		☐ H Other		☐ 008 Noisy			
								☐ 258 Overheating			
								☐ 387 Low Performance			
								☐ 790 Out of Adjustment			
								☒ 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 CAPPAL NEEDS REPLACED											
B. REMARKS RECAPREL AND RETURN REQUESTED. LOC IS CPT LUKAS AT (710) 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)					22.		Data Transcribed				
☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools											
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 # C6225522
19 Apr 1988

CENTROIDAL DISTANCES

0 TO 1	.610404
1 TO 2	.243674
1 TO 3	.605648
1 TO 4	.499833
1 TO 5	.292043

4.0 ----POR

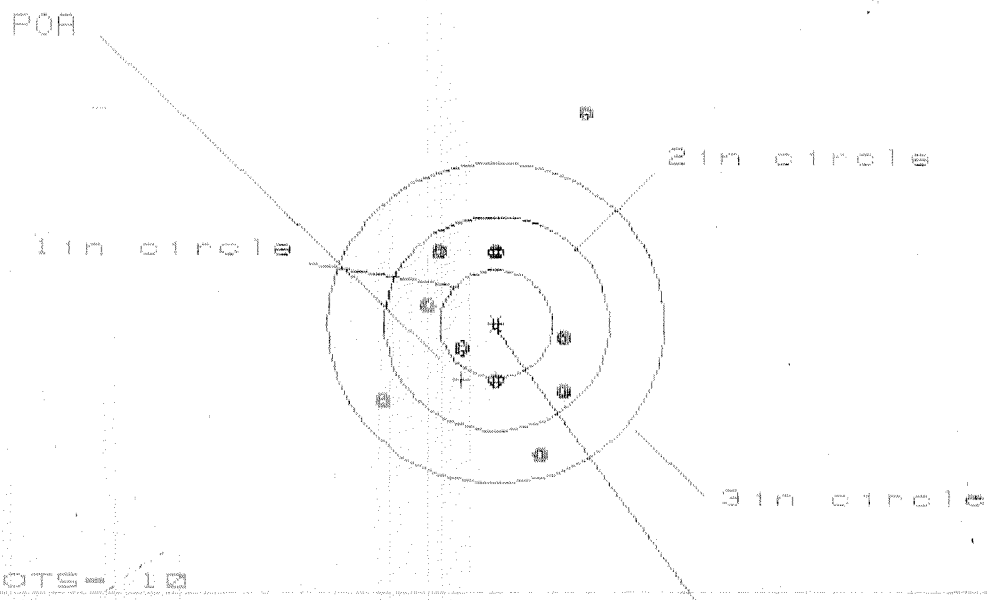
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .254
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .217
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .334873

THE AMR FOR THIS RIFLE IS: .9322

19 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225522

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

HS = 1.860

VS = 3.137

GS = 3.206

CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.809	.711	.774
MINIMUM X	:	-1.051	-.961	-.898
MAXIMUM Y	:	1.929	.890	.766
MINIMUM Y	:	-1.208	-.994	-.592
CENTROID X	:	.308	.218	.155
CENTROID Y	:	.527	.313	.437
POA TO CENTROID in.	:	.611	.382	.464
MIN RADIUS	:	.364	.186	.192
MEAN RADIUS	:	.911	.744	.691
MAX RADIUS	:	2.091	1.116	1.076
HORIZONTAL SPREAD	:	1.860	1.672	1.672
VERTICAL SPREAD	:	3.137	1.884	1.358
EXTREME SPREAD	:	3.206	2.060	1.728
NUMBER IN ONE INCH CIRCLE	=	1	7	9
NUMBER IN TWO INCH CIRCLE	=	7	9	9
NUMBER IN THREE INCH CIRCLE	=	9	9	9

19 Apr 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6225522

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.470

VS= 1.784

GS= 2.870

CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.379	.967	.849
MINIMUM X	:	-1.091	-.938	-.964
MAXIMUM Y	:	.980	.889	.959
MINIMUM Y	:	-.814	-.838	-.768
CENTROID X	:	.344	.191	.309
CENTROID Y	:	.286	.377	.307
POA TO CENTROID in.	:	.448	.422	.435
MIN RADIUS	:	.245	.237	.282
MEAN RADIUS	:	.910	.826	.781
MAX RADIUS	:	1.601	1.279	1.145
HORIZONTAL SPREAD	:	2.470	1.905	1.813
VERTICAL SPREAD	:	1.794	1.727	1.727
EXTREME SPREAD	:	2.870	2.361	2.189
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

19 Apr 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C6225522

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1.1 2

2.1 4

3.1 8

IS = 0.0004

VS = 0.0006

GS = 0.0009

PATTERN #

3

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.123	1.232	1.095
MINIMUM X	-1.211	-1.102	-0.726
MAXIMUM Y	1.281	1.106	1.230
MINIMUM Y	-1.575	-1.118	-0.994
CENTROID X	.280	.171	.308
CENTROID Y	-.078	.097	-.027
POA TO CENTROID in.	.291	.196	.310
MIN RADIUS	.272	.403	.331
MEAN RADIUS	1.039	.936	.859
MAX RADIUS	1.857	1.480	1.266
HORIZONTAL SPREAD	2.334	2.334	1.821
VERTICAL SPREAD	2.856	2.224	2.224
EXTREME SPREAD	3.509	2.856	2.264
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		8	

19 Apr 1988

FILE: PATTERNING/CENTERFIRE_PATT/C6225522

CENTERFIRE PATTERNS

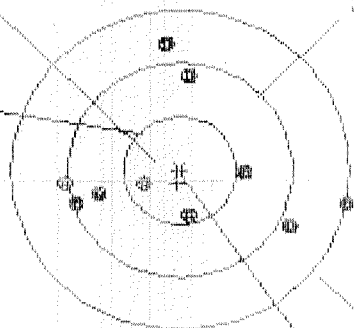
4

POA

1in circle

2in circle

3in circle



CENTROID #

OF SHOTS - 10

IN CIR

1in = 2

2in = 5

3in = 10

HS = 2.447

VS = 1.636

GS = 2.455

PATTERN #

SHOTS (BEST OF)

	10	9	8
MAXIMUM X	1.432	-1.138	1.142
MINIMUM X	-1.015	-0.956	-0.852
MAXIMUM Y	1.143	1.111	.971
MINIMUM Y	-.493	-.525	-.386
CENTROID X	.025	-.134	-.138
CENTROID Y	.115	.147	.008
POA TO CENTROID in.	.118	.198	.138
MIN RADIUS	.326	.208	.141
MEAN RADIUS	.864	.776	.708
MAX RADIUS	1.460	1.253	1.206
HORIZONTAL SPREAD	2.447	1.994	1.994
VERTICAL SPREAD	1.636	1.636	1.357
EXTREME SPREAD	2.455	2.035	2.035
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	

19 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225522

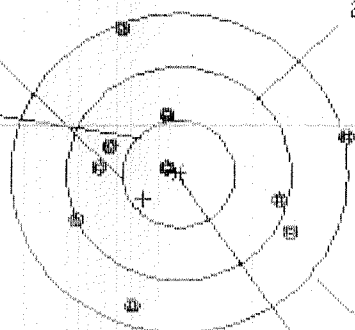
CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle



OF SHOTS = 10

IN CIR

1in = 1

2in = 5

3in = 9

IS = 2.437

VS = 2.573

GS = 2.573

CENTROID *

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.508	1.442	1.105
MINIMUM X	:	-.929	-.62	-.799
MAXIMUM Y	:	1.321	1.357	.742
MINIMUM Y	:	-1.252	-1.216	-1.046
CENTROID X	:	.313	.146	.183
CENTROID Y	:	.235	.199	.029
POA TO CENTROID in.	:	.391	.247	.186
MIN RADIUS	:	.147	.055	.221
MEAN RADIUS	:	.937	.834	.791
MAX RADIUS	:	1.542	1.390	1.162
HORIZONTAL SPREAD	:	2.437	1.904	1.904
VERTICAL SPREAD	:	2.573	2.573	1.798
EXTREME SPREAD	:	2.573	2.573	1.908
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

21 DAY TURN - AROUND

M-24
CONTRACT # DAAA09-92-C-0834

Barrel

R&E NO.

SERIAL NO. *C6225522*

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: C6225522

DATE REC'D: 5/30/96

DATE RET'D:

Auditor: RW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☒ Mounting Screws☒ Mounting Base☐ Screws☐ Finish☐ Looseness☐ Clarity

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

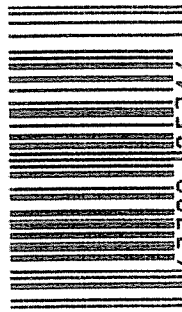
Systems Case

☐ Scope Case☐ Iron Sights☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments: _____

Remington®		VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.	
MODEL 700™ H24		SERIAL NO. C6225522	
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.		ORDER NO. 5716	
			
5716 C6225522		0 47700 25716 7	

M-24

Scope #
1107

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225522

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and stock	8	9/88	FB
600	Proof	9	7/88	RW
607	Check Headspace	9	7/88	RW
610	Dis-assemble gun	6	7/88	RW
612	Magnaflux Barrel Action		9-14-88	Pfe.
	Magnaflux Bolt		9-14-88	Pfe
615	Rollmark Caliber		10-22	G.S.
617	Drill & Tap Sight Holes		10-23	FB
618	Polish Barrel		10-24	WJT
620	Apply Coatings (Barrel Action)		10-31-88	TJA
	Apply Coatings (Bolt)		10-31-88	TJA
625	Final Assembly A) Clean inside of Bolt Assembly		11/2/88	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		11/2/88	RW
	C) Inspect Ejector Hole for Chamfer		11/2/88	RW

OVER

OP.#		READINGS	DATE	INITIAL
625	D) Oil Firing Pin Ass'y		11/2/88	RW
cont.	E) Adjust Trigger Pull to Min. Setting and Stake		2 NOV 88	JS
	F) Safety on Force	5 : 5 : 5	2 NOV 88	JS
	G) Safety off Force	3 : 3 : 3	2 NOV 88	JS
	H) Trigger Pull Test & Retainability		2 NOV 88	JS
	I) Firing Pin Indent	.0205 : .0205 : .0205	2 NOV 88	JS
	J) Assemble Stock		11/2/88	RW
	K) Attach Front & Rear Sight Assemblies		11/2/88	RW
	L) Iron Sight Alignment		11/2/88	RW
	M) Detach Front & Rear Sights & place in numbered container		11/2/88	RW
	N) Attach Scope to Rifle		11/8/88	RW
	O) Detach & Attach Scope 20 times		8 NOV 88	JS
640	Gallery Target & Test	72 R 80L	11/10/88	AC
	A) Optical Clarity of Scope	OK	11/10/88	AC
645	Inspect for Live Ammo	NONE	11/10/88	AC
655	Final Inspection A) Headspace		29 NOV 88	JS
	B) Trigger Pull	246 : 241 : 243	243 : 243	JS
	C) Function		29 NOV 88	JS
	D) Assemble Swivel Studs		29 NOV 88	JS
660	Pack		27 MAR 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50#+ .50#

3.00#+ .75#

4.00#+1.00#

SERIAL NO. 5582

DATE 4-2-90

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.27		2.31	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.28		2.25	
PULL #3	2.33	2.44		2.30	
PULL #4	2.26	2.42		2.27	
PULL #5	2.26	2.45		2.24	
TOTAL	11.38	11.86		11.27	
AVG.	2.276	2.372		2.254	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.42		
PULL #2	3.42	3.38		
PULL #3	3.43	3.38		
PULL #4	3.40	3.35		
PULL #5	3.38	3.38		
TOTAL	17.04	16.91		
AVG.	3.408	3.382		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.24	4.16		
PULL #2	4.24	4.17		
PULL #3	4.20	4.20		
PULL #4	4.18	4.51		
PULL #5	4.22	4.34		
TOTAL	21.08	21.38		
AVG.	4.216	4.276		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225522

CENTROIDAL DISTANCES

0 TO	1	.608927
1 TO	2	.0990051
1 TO	3	.231709
1 TO	4	.206545
1 TO	5	.53802

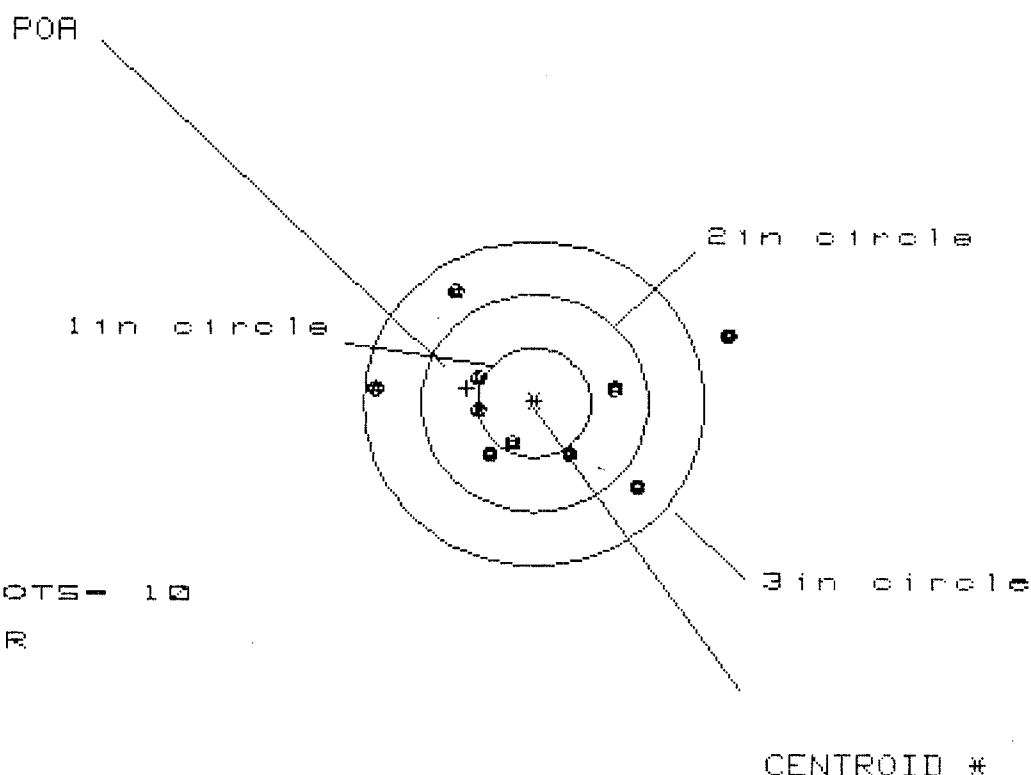
$\bar{x} = .5922$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .5922
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0658
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .595844
THE AMR FOR THIS RIFLE IS: 1.011

14 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225522

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in - 2

2in - 6

3in - 8

HS- 3.110

VS= 1.811

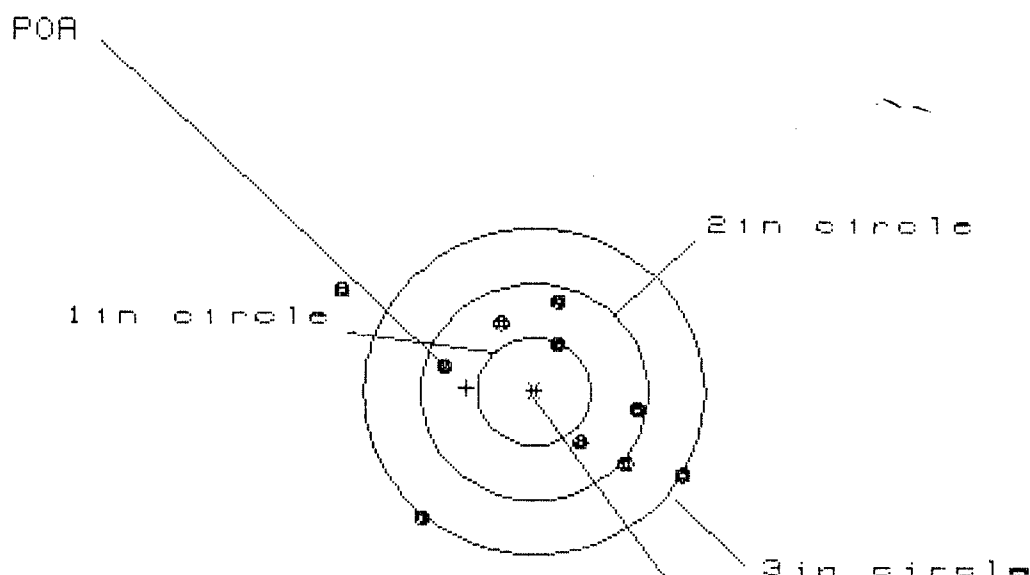
GS= 3.162

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.707	1.138	.986
MINIMUM X	:	-1.403	-1.213	-.640
MAXIMUM Y	:	1.016	1.091	1.114
MINIMUM Y	:	-.795	-.720	-.697
CENTROID X	:	.594	.404	.556
CENTROID Y	:	-.134	-.209	-.232
POA TO CENTROID in.	:	.609	.455	.602
MIN RADIUS	:	.366	.248	.262
MEAN RADIUS	:	.889	.737	.682
MAX RADIUS	:	1.837	1.346	1.285
HORIZONTAL SPREAD	:	3.110	2.351	1.626
VERTICAL SPREAD	:	1.811	1.811	1.811
EXTREME SPREAD	:	3.162	2.517	2.434
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

14 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225522

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in - 1

2in - 5

3in - 7

HS- 3.014

VS= 2.118

GS= 3.481

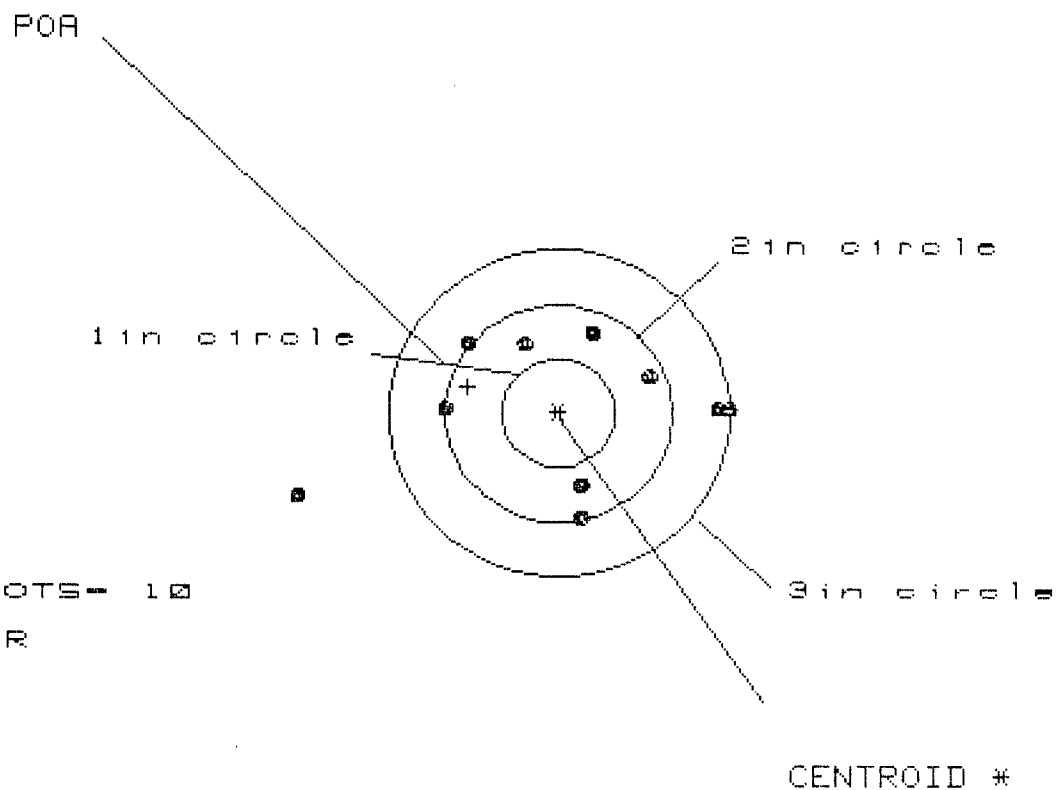
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.306	1.116	.841
MINIMUM X	:	-1.708	-1.186	-1.046
MAXIMUM Y	:	.984	.975	.894
MINIMUM Y	:	-1.134	-1.024	-1.105
CENTROID X	:	.595	.785	.645
CENTROID Y	:	-.035	-.145	-.064
POA TO CENTROID in.	:	.596	.798	.648
MIN RADIUS	:	.468	.410	.482
MEAN RADIUS	:	1.045	.919	.870
MAX RADIUS	:	1.971	1.567	1.522
HORIZONTAL SPREAD	:	3.014	2.302	1.887
VERTICAL SPREAD	:	2.118	1.999	1.999
EXTREME SPREAD	:	3.481	2.362	2.311
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		7	

14 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225522

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in - 0

2 in - 4

3 in - 9

HS- 3.741

VS= 1.748

GS= 3.826

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.489	1.239	1.328
MINIMUM X	:	-2.252	-1.274	-1.120
MAXIMUM Y	:	.754	.672	.671
MINIMUM Y	:	-.994	-1.076	-1.077
CENTROID X	:	.799	1.049	.895
CENTROID Y	:	-.242	-.160	-.159
POA TO CENTROID in.	:	.835	1.062	.909
MIN RADIUS	:	.712	.593	.684
MEAN RADIUS	:	1.146	.979	.940
MAX RADIUS	:	2.368	1.277	1.331
HORIZONTAL SPREAD	:	3.741	2.513	2.448
VERTICAL SPREAD	:	1.748	1.748	1.748
EXTREME SPREAD	:	3.826	2.514	2.448
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

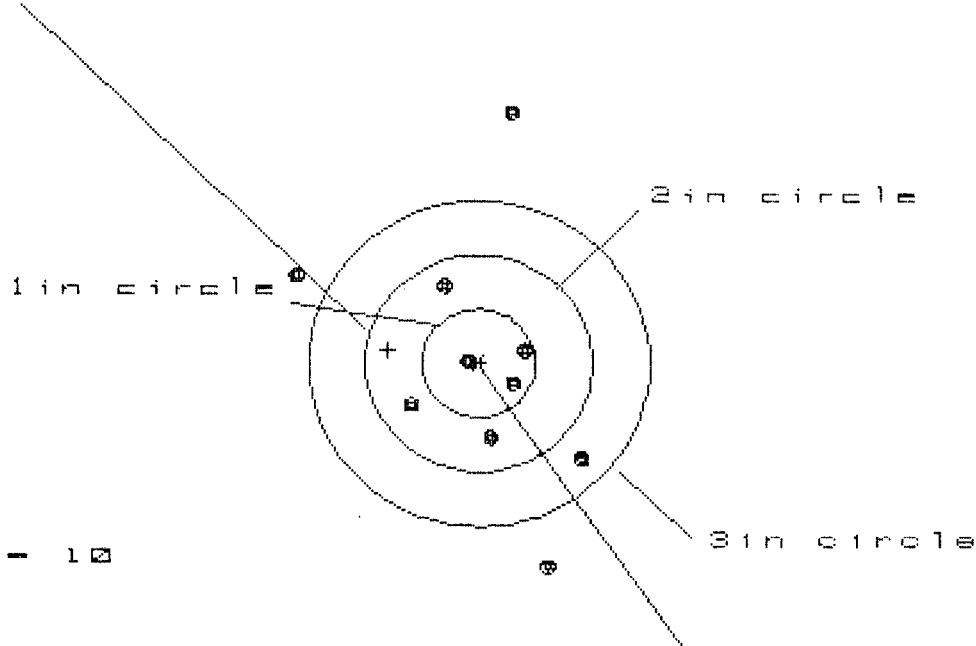
14 Nov 1986

FILE:/PATTERNING/CENTERFIRE_PATT/C6225522

CENTERFIRE PATTERNS

4

POA



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 7

HS= 2.516

VS= 4.251

GS= 4.267

CENTROID *

PATTERN #

:

4

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

.921

.953

1.037

MINIMUM X

:

-1.595

-1.563

-1.479

MAXIMUM Y

:

2.342

1.056

.850

MINIMUM Y

:

-1.909

-1.649

-.823

CENTROID X

:

.800

.768

.684

CENTROID Y

:

-.119

-.379

-.173

POA TO CENTROID in.:

:

.808

.857

.705

MIN RADIUS

:

.089

.328

.133

MEAN RADIUS

:

1.051

.903

.778

MAX RADIUS

:

2.359

1.887

1.706

HORIZONTAL SPREAD

:

2.516

2.516

2.516

VERTICAL SPREAD

:

4.251

2.705

1.673

EXTREME SPREAD

:

4.267

3.513

3.021

NUMBER IN ONE INCH CIRCLE =

3

NUMBER IN TWO INCH CIRCLE =

6

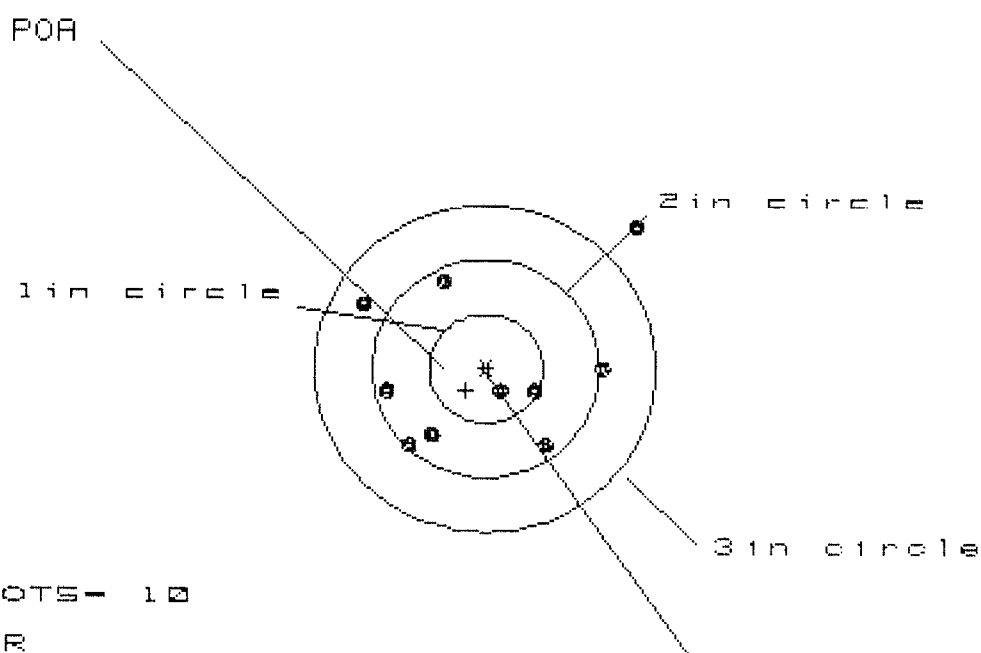
NUMBER IN THREE INCH CIRCLE =

7

14 Nov 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225522

CENTERFIRE PATTERNS # 5



OF SHOTS - 10

IN CIR

1 in - 1

2 in - 7

3 in - 9

HS = 2.358

VS = 2.063

GS = 2.844

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.296	1.171	1.056
MINIMUM X	:	-1.062	-.918	-.824
MAXIMUM Y	:	1.331	.935	1.026
MINIMUM Y	:	-.732	-.584	-.493
CENTROID X	:	.173	.029	.143
CENTROID Y	:	.201	.053	-.039
POA TO CENTROID in.	:	.265	.060	.149
MIN RADIUS	:	.241	.252	.128
MEAN RADIUS	:	.926	.793	.718
MAX RADIUS	:	1.858	1.179	1.081
HORIZONTAL SPREAD	:	2.358	2.089	1.888
VERTICAL SPREAD	:	2.063	1.519	1.519
EXTREME SPREAD	:	2.844	2.171	1.888
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	