

C6348782

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

M2400063881

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

Repair Inquiry																					
Repair Number: RE00169249	Serial: C6348782 Model M24 SWS Center Fire Caliber: 7.62 NATO	Repairman: _____	Status: Closed 6/8/2009 11:24:15 AM																		
Verify Repair ☐																					
Address Information																					
Customer: _____	☒ Received From	Return To: _____	☐ Received From																		
Name: B CO 2/7		B CO 2/7																			
Address 1: SFG (A)		SFG (A)																			
Address 2: _____	PO Box: _____	_____	PO Box: _____																		
City: FORT BRAGG		FORT BRAGG																			
State: NC	Zip Code: 28310	State: NC	Zip Code: 28310																		
Country: US		Country: US																			
FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐																					
Contact / Condition	Problems	Estimate	History / Status																		
Contact Information Phone: NTI Fax: _____ Email: _____ Comments: Received Condition Fair Condition Notes: CSR Notes: Accessories Received <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Code</th> <th style="width: 65%;">Desc</th> <th style="width: 20%;">Qty</th> </tr> </thead> <tbody> <tr> <td>A007</td> <td>With Stud</td> <td>3</td> </tr> <tr> <td>A010</td> <td>Hard Case</td> <td>1</td> </tr> <tr> <td>A017</td> <td>Scope Base</td> <td>1</td> </tr> <tr> <td>A057</td> <td>Fit and Rear Sgt Base</td> <td>1</td> </tr> <tr> <td>0000</td> <td>FLASH SUPPRESSOR</td> <td>1</td> </tr> </tbody> </table>				Code	Desc	Qty	A007	With Stud	3	A010	Hard Case	1	A017	Scope Base	1	A057	Fit and Rear Sgt Base	1	0000	FLASH SUPPRESSOR	1
Code	Desc	Qty																			
A007	With Stud	3																			
A010	Hard Case	1																			
A017	Scope Base	1																			
A057	Fit and Rear Sgt Base	1																			
0000	FLASH SUPPRESSOR	1																			
Repair Search Refresh Close																					

Serial Number: C6348782

Model: M24 SWS



RE00169249

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

R & E NUMBER 169249
SERIAL NUMBER C6348782
LOG-IN DATE 6-8-09

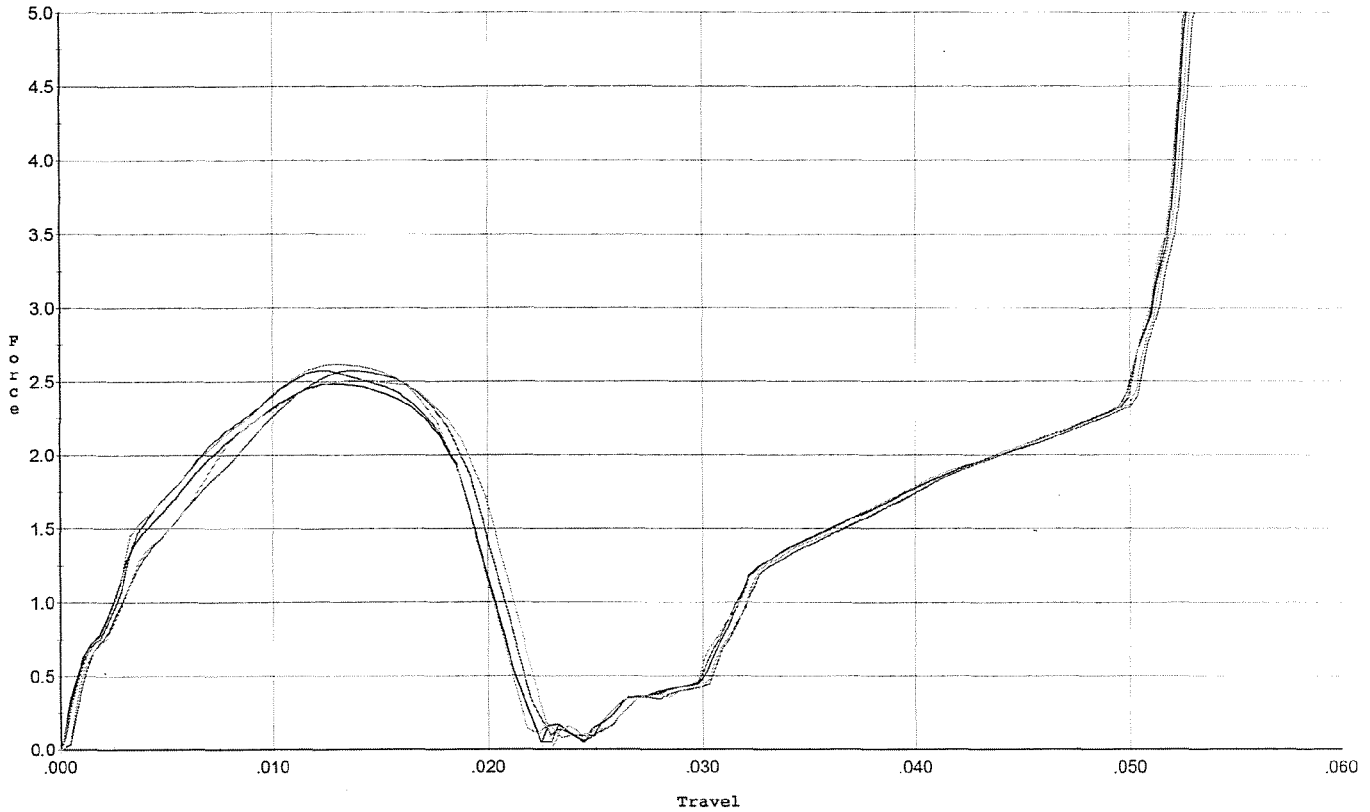
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-10-09	RTZ
505	RE-BARREL	6-11-09	RTZ
420	ASSEMBLE	6-11-09	RTZ
440	PROOF	6-11-09	S.P. [initials]
460	CHECK HEADSPACE	6-11-09	[initials]
470	DIS-ASSEMBLE GUN	6-11-09	[initials]
480	MAGNAFLUX	6-13-09	(N)
510	DRILL AND TAP	6-12-09	SP
500	ROLLMARK CALIBER	6-16-09	RT
520	GOFF BLAST BBL / REC	6-16	[initials]
530 & 540	APPLY COATINGS	6-17	[initials]
560	FINAL ASSEMBLY	6-19-09	RTZ
640	FUNCTION TEST AND	6-19-09	RP
650	TARGET	6-19-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6-19-09	[initials]
	A) HEADSPACE	(PASS) FAIL	6-22-09 [initials]
	B) TRIGGER PULL	2.55 2.58 2.52 2.60 2.59 6-22-09	[initials]
680	F) SAFETY ON FORCE	4.0 3.0 3.0 6-22-09	[initials]
	G) SAFETY OFF FORCE	5.0 5.0 5.0 6-22-09	[initials]
	I) FIRING PIN INDENT	.022 .022 .022 6-22-09	[initials]
690	PACK	6-23-09	Fm

F006 REV 1/2009

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/28/09

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



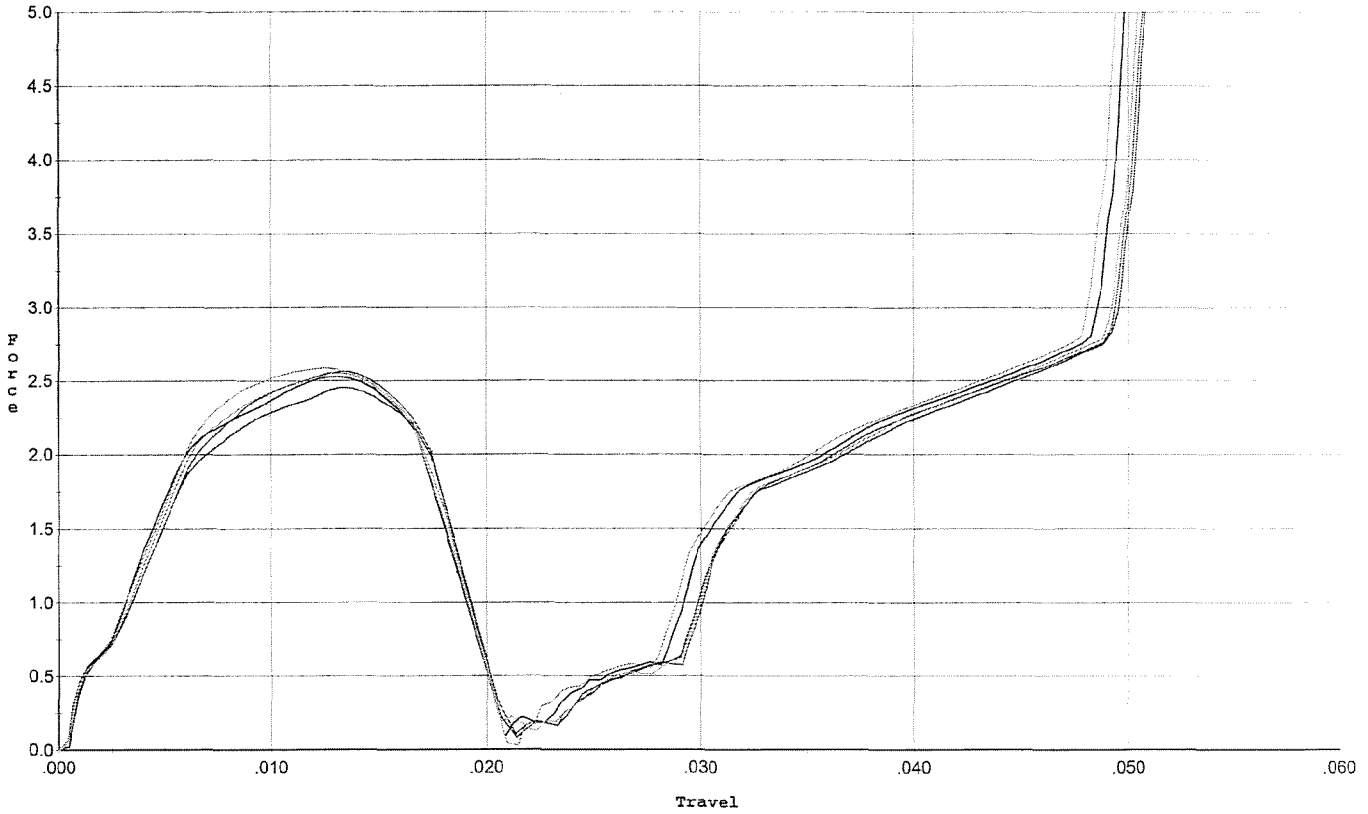
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.576	0.019	0.00	0.038	0.034		Set Trigger
2	2.486	0.019	0.00	0.038	0.033		Set Trigger
3	2.576	0.019	0.00	0.039	0.034		Set Trigger
4	2.510	0.020	0.00	0.038	0.035		Set Trigger
5	2.619	0.019	0.00	0.038	0.035		Set Trigger

Aug 2.55

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/28/09

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



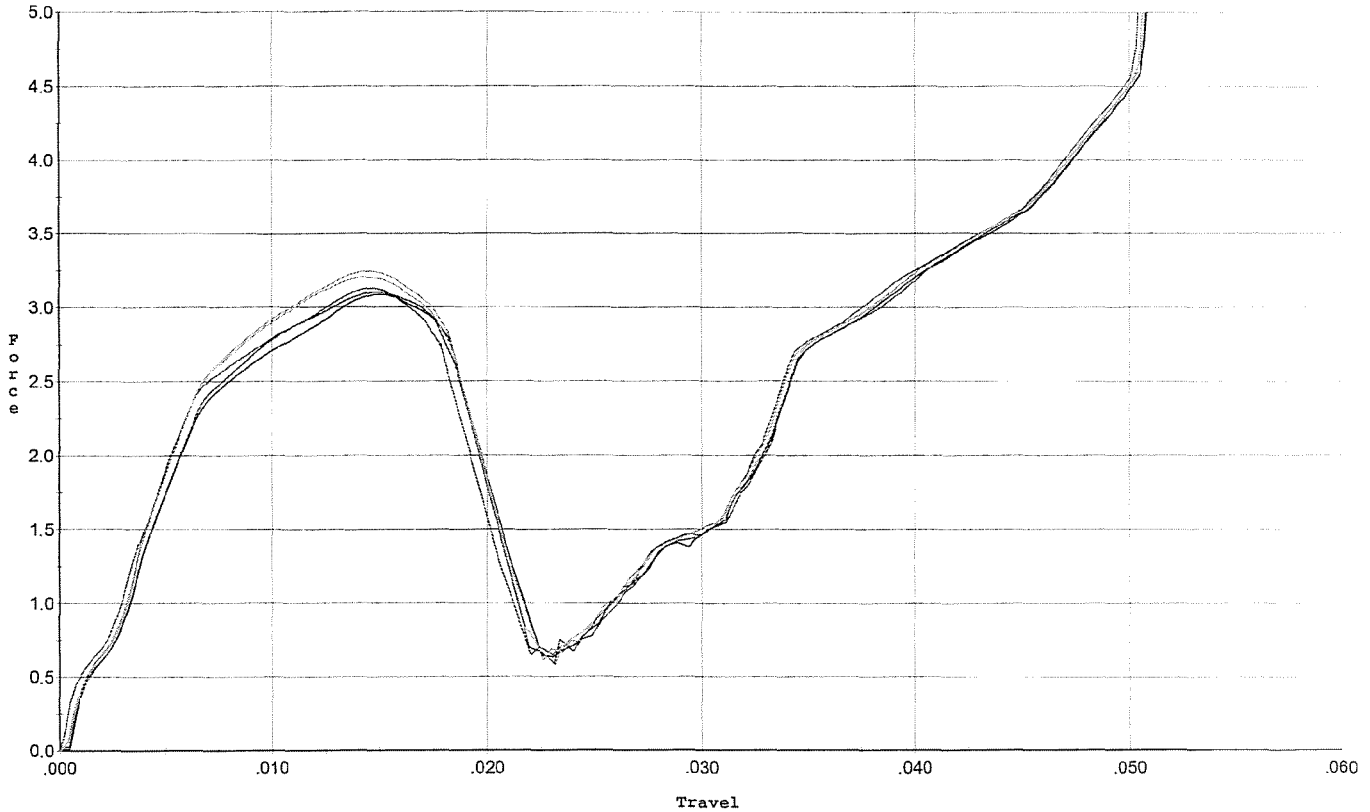
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.454	0.018	0.00	0.037	0.030		Set Trigger
2	2.529	0.019	0.00	0.036	0.033		Set Trigger
3	2.569	0.017	0.00	0.037	0.031		Set Trigger
4	2.558	0.018	0.00	0.036	0.032		Set Trigger
5	2.588	0.018	0.00	0.035	0.033		Set Trigger

Avg 2.54

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/28/09

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



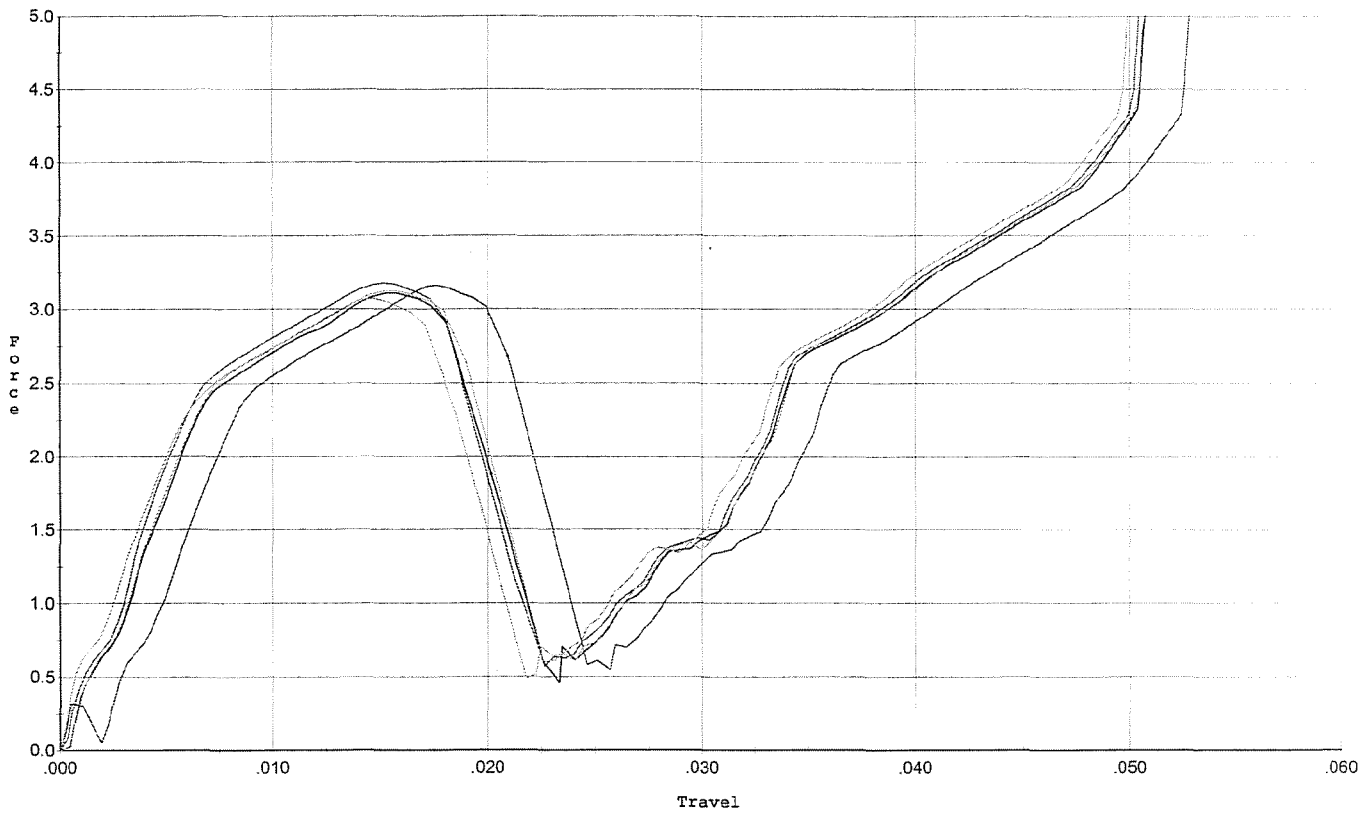
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.100	0.019	0.00	0.034	0.039		Set Trigger
2	3.086	0.018	0.00	0.034	0.038		Set Trigger
3	3.128	0.018	0.00	0.034	0.038		Set Trigger
4	3.201	0.018	0.00	0.034	0.040		Set Trigger
5	3.245	0.018	0.00	0.034	0.040		Set Trigger

Avg 3.15

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/28/09

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



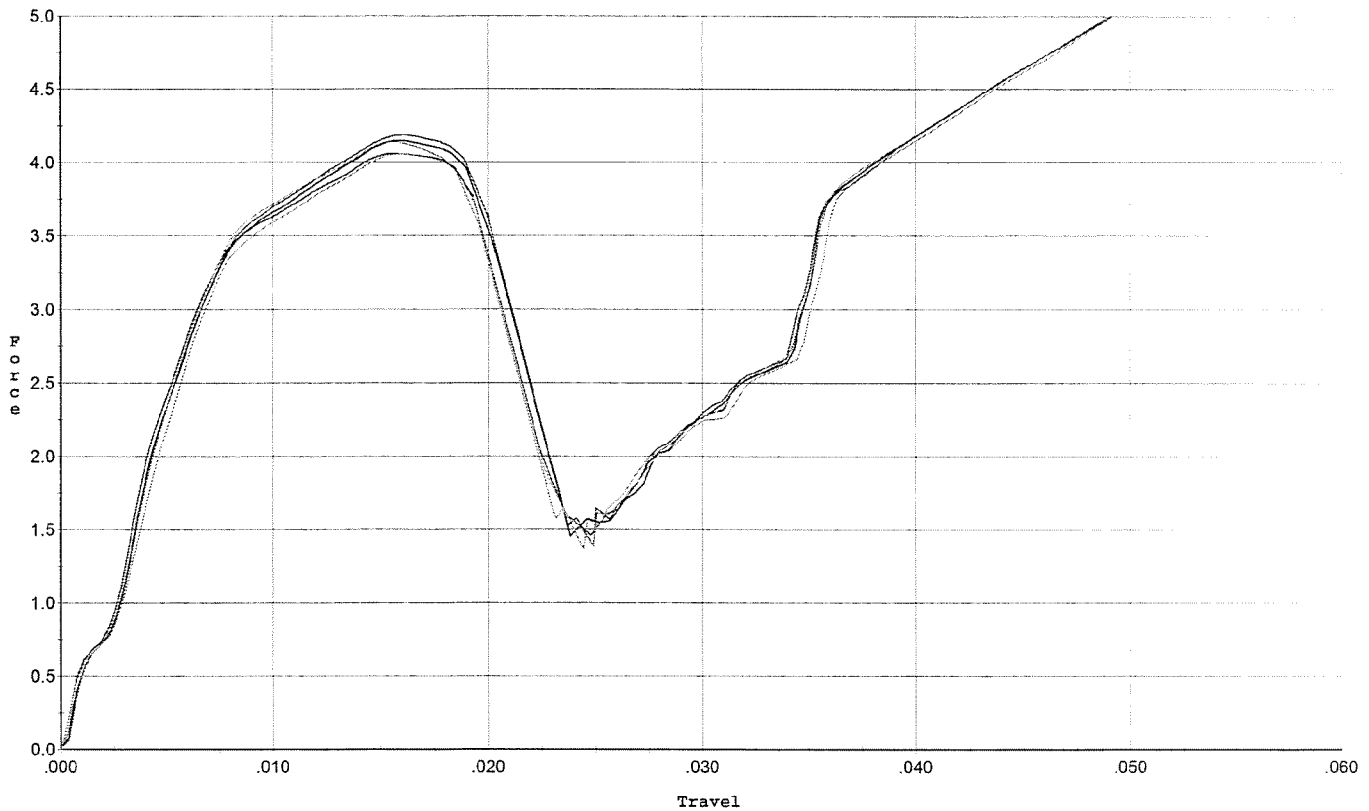
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.158	0.021	0.002	0.035	0.042		Set Trigger
2	3.108	0.020	0.00	0.034	0.042		Set Trigger
3	3.174	0.018	0.00	0.034	0.039		Set Trigger
4	3.123	0.019	0.00	0.034	0.040		Set Trigger
5	3.070	0.019	0.00	0.034	0.039		Set Trigger

Avg 3.12

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/28/09

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



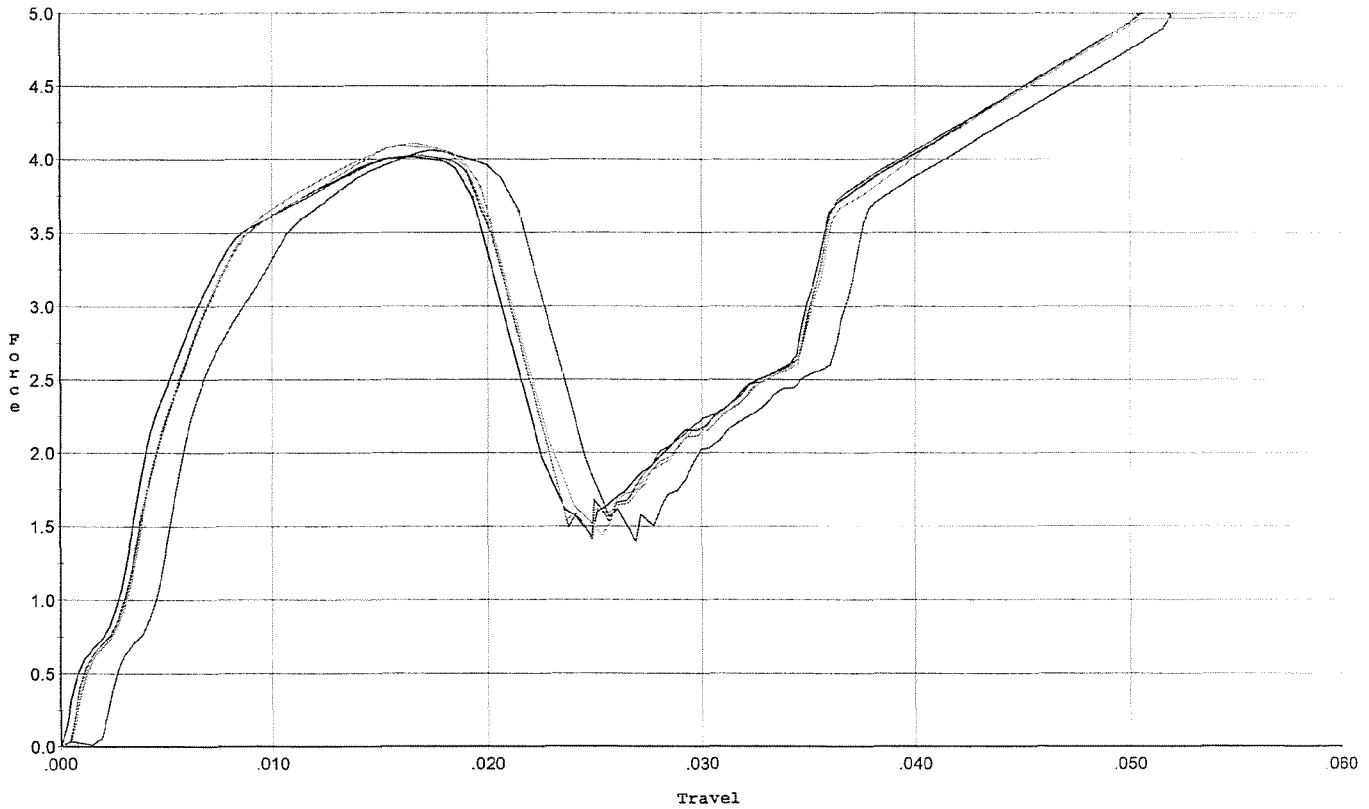
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.058	0.019	0.00	0.032	0.054		Set Trigger
2	4.147	0.020	0.00	0.031	0.057		Set Trigger
3	4.188	0.020	0.00	0.031	0.057		Set Trigger
4	4.057	0.019	0.00	0.032	0.053		Set Trigger
5	4.141	0.020	0.00	0.032	0.055		Set Trigger

Avg 4.11

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/28/09

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



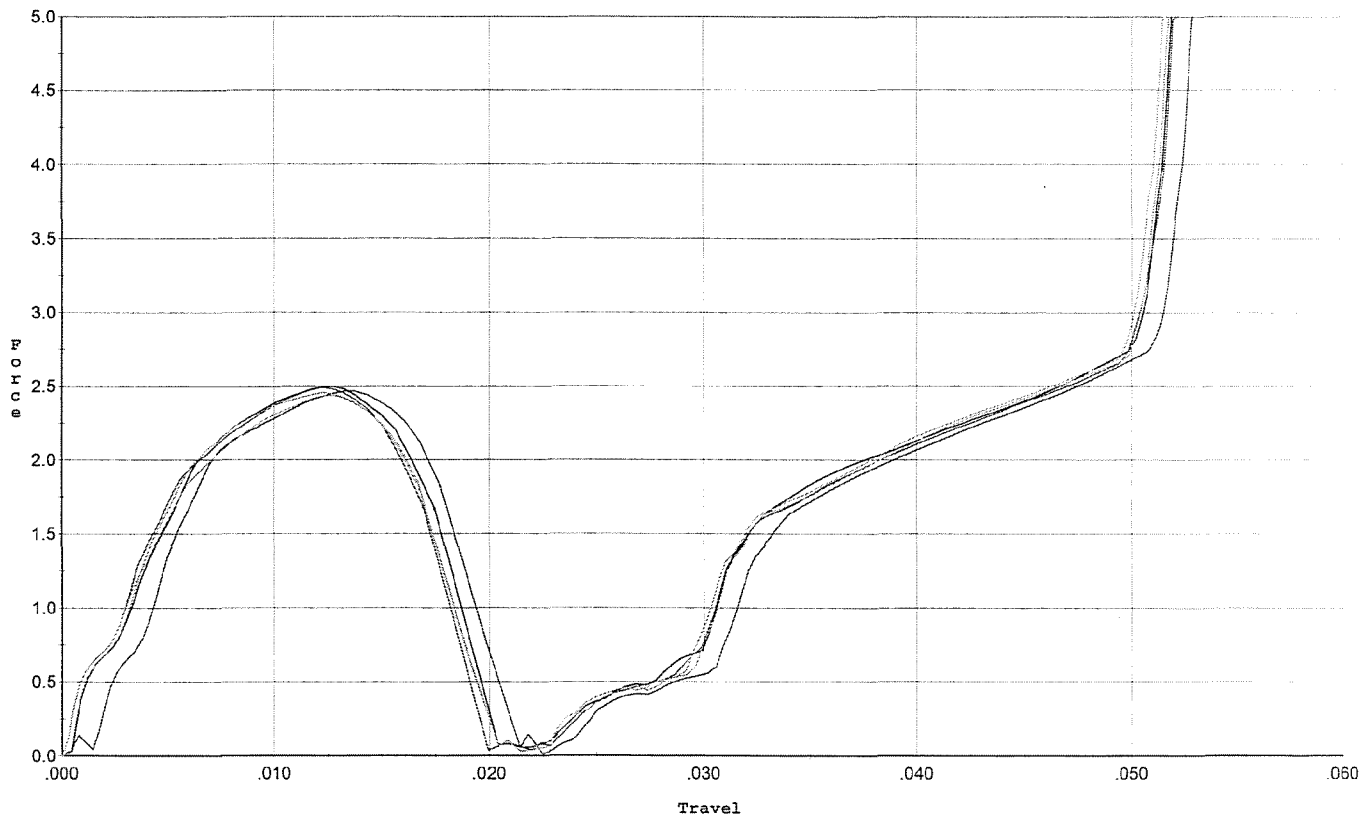
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.058	0.021	0.002	0.032	0.056		Set Trigger
2	4.014	0.019	0.00	0.032	0.054		Set Trigger
3	4.026	0.020	0.00	0.032	0.056		Set Trigger
4	4.104	0.020	0.00	0.032	0.054		Set Trigger
5	4.091	0.020	0.00	0.032	0.055		Set Trigger

Aug 4.05

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/28/09

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



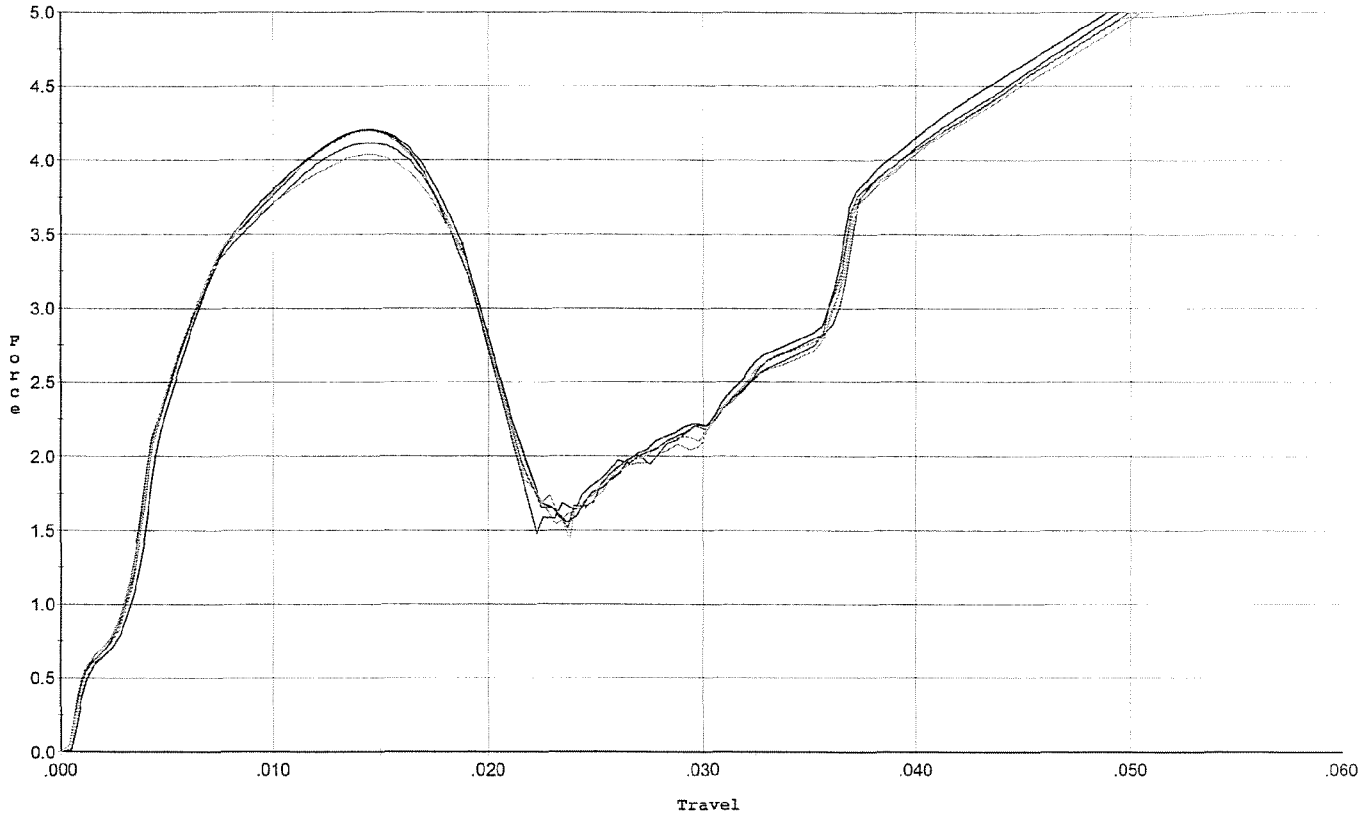
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.466	0.018	0.00	0.039	0.029		Set Trigger
2	2.497	0.017	0.00	0.038	0.030		Set Trigger
3	2.488	0.017	0.00	0.039	0.029		Set Trigger
4	2.435	0.017	0.00	0.038	0.028		Set Trigger
5	2.455	0.017	0.00	0.039	0.028		Set Trigger

Avg 2.46

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R.P. 5/28/09

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.206	0.019	0.00	0.034	0.053		Set Trigger
2	4.204	0.019	0.00	0.034	0.051		Set Trigger
3	4.117	0.019	0.00	0.034	0.051		Set Trigger
4	4.193	0.019	0.00	0.034	0.052		Set Trigger
5	4.042	0.019	0.00	0.034	0.051		Set Trigger

Aug 4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348782.___0
FILE DATE AND TIME: 06/22/2009 07:34

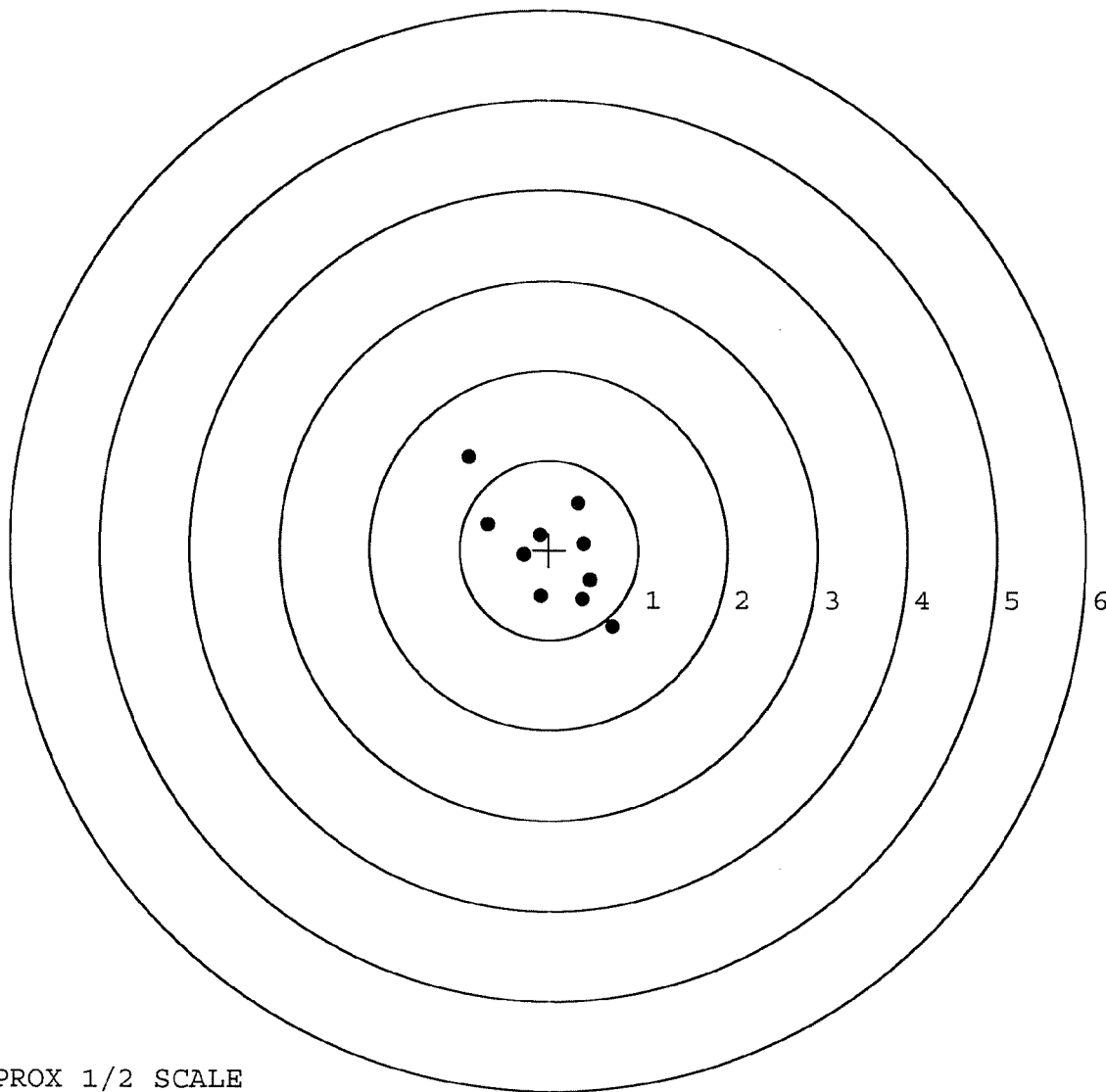
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.062
The Average Y Centroid of the Five Target Set:	-0.010
The Average Point of Impact of the Five Target Set:	0.062
The Average Mean Radius of the Five Target Set:	0.552
The Distance from POA to Centroid Target #1:	0.030
The Distance from Centroid Target #2 to Centroid Target #1:	0.087
The Distance from Centroid Target #3 to Centroid Target #1:	0.051
The Distance from Centroid Target #4 to Centroid Target #1:	0.018
The Distance from Centroid Target #5 to Centroid Target #1:	0.285

SERIAL NUMBER: C6348782. __0
TARGET NUMBER: 1
FILE DATE: 06/22/2009
FILE TIME: 07:34

POINT#	X	Y
1:	-0.894	1.028
2:	-0.692	0.285
3:	-0.099	-0.517
4:	-0.282	-0.060
5:	-0.106	0.172
6:	0.331	0.524
7:	0.391	0.070
8:	0.376	-0.550
9:	0.707	-0.854
10:	0.460	-0.334

X CENTROID: 0.019
Y CENTROID: -0.024
POA TO CENTROID: 0.030
HORZ SPREAD: 1.601
VERT SPREAD: 1.882
GROUP SPREAD: 2.471
MIN RADIUS: 0.232
MAX RADIUS: 1.393
MEAN RADIUS: 0.648
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

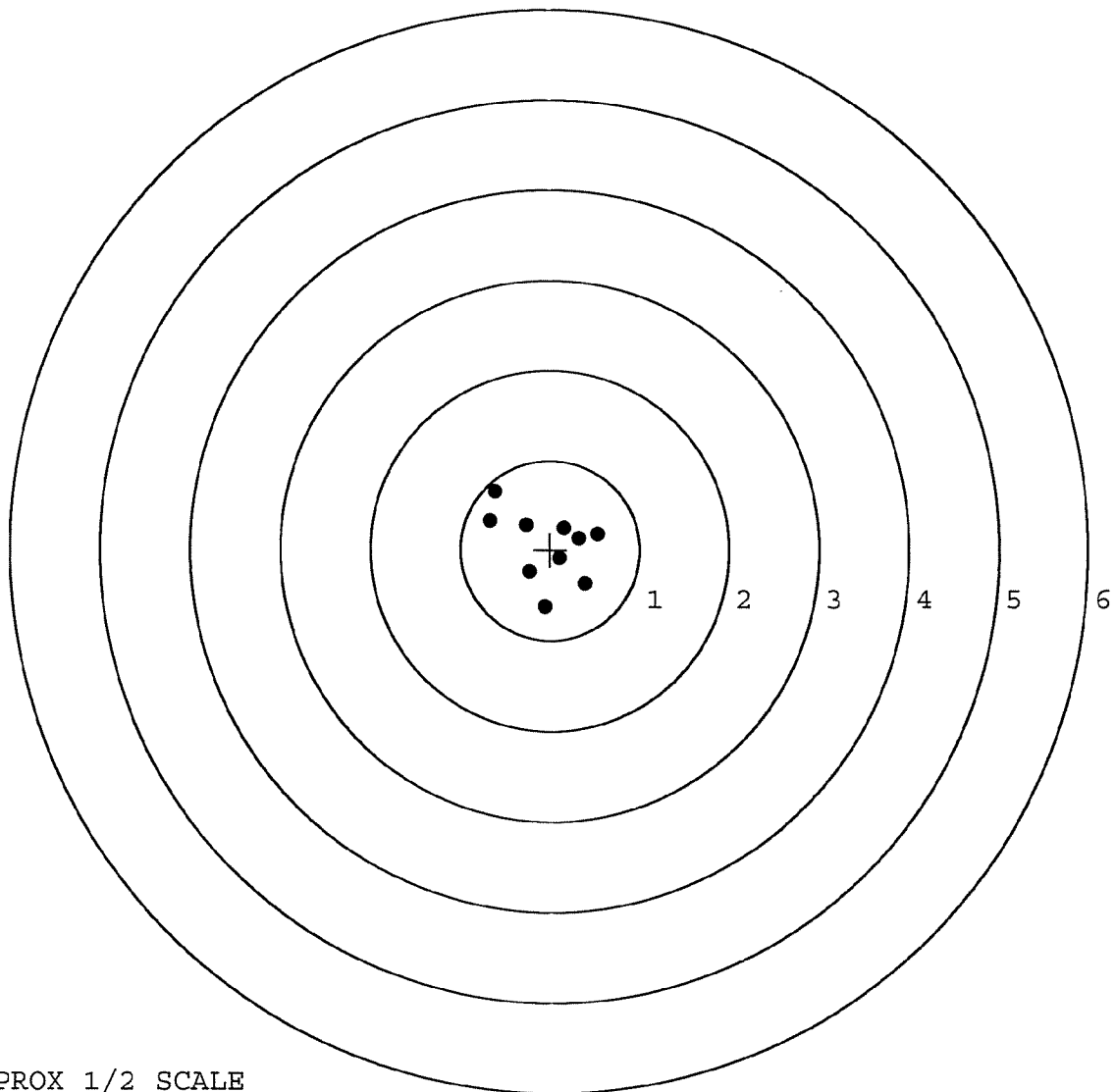


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348782. __0
TARGET NUMBER: 2
FILE DATE: 06/22/2009
FILE TIME: 07:34

POINT#	X	Y
1:	-0.616	0.648
2:	-0.680	0.326
3:	-0.269	0.279
4:	0.158	0.244
5:	0.532	0.176
6:	0.388	-0.386
7:	0.105	-0.099
8:	-0.063	-0.636
9:	-0.238	-0.247
10:	0.321	0.128

X CENTROID: -0.036
Y CENTROID: 0.043
POA TO CENTROID: 0.056
HORZ SPREAD: 1.212
VERT SPREAD: 1.284
GROUP SPREAD: 1.441
MIN RADIUS: 0.200
MAX RADIUS: 0.838
MEAN RADIUS: 0.494
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348782.___0

TARGET NUMBER: 3

FILE DATE: 06/22/2009

FILE TIME: 07:34

POINT#	X	Y
1:	0.624	-0.558
2:	0.647	-0.169
3:	-0.416	0.732
4:	-0.583	-0.260
5:	-0.354	-0.046
6:	-0.185	0.101
7:	0.092	0.223
8:	-0.029	-0.293
9:	-0.046	-0.101
10:	-0.063	0.199

X CENTROID: -0.031

Y CENTROID: -0.017

POA TO CENTROID: 0.036

HORZ SPREAD: 1.230

VERT SPREAD: 1.290

GROUP SPREAD: 1.657

MIN RADIUS: 0.085

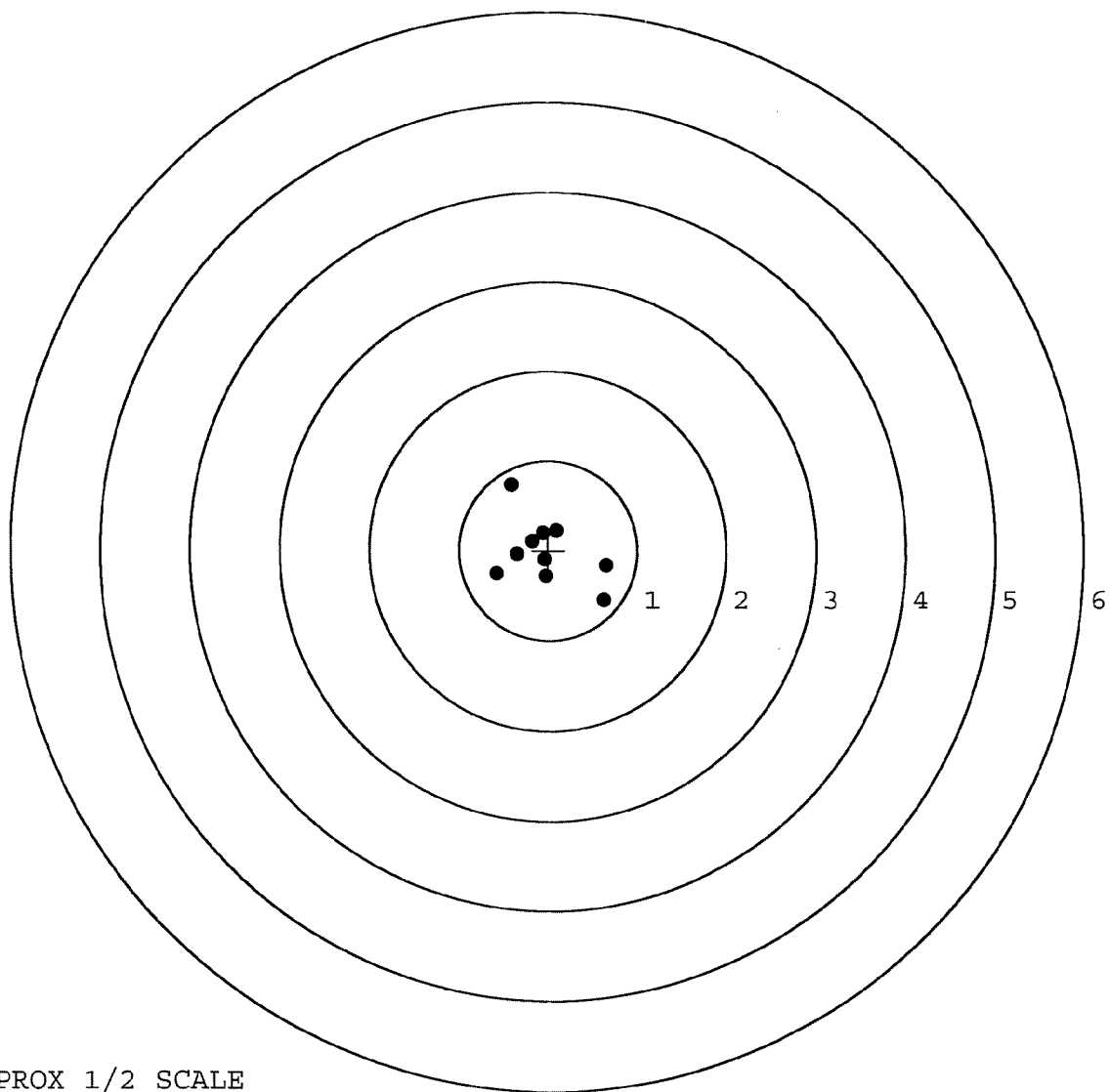
MAX RADIUS: 0.850

MEAN RADIUS: 0.436

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

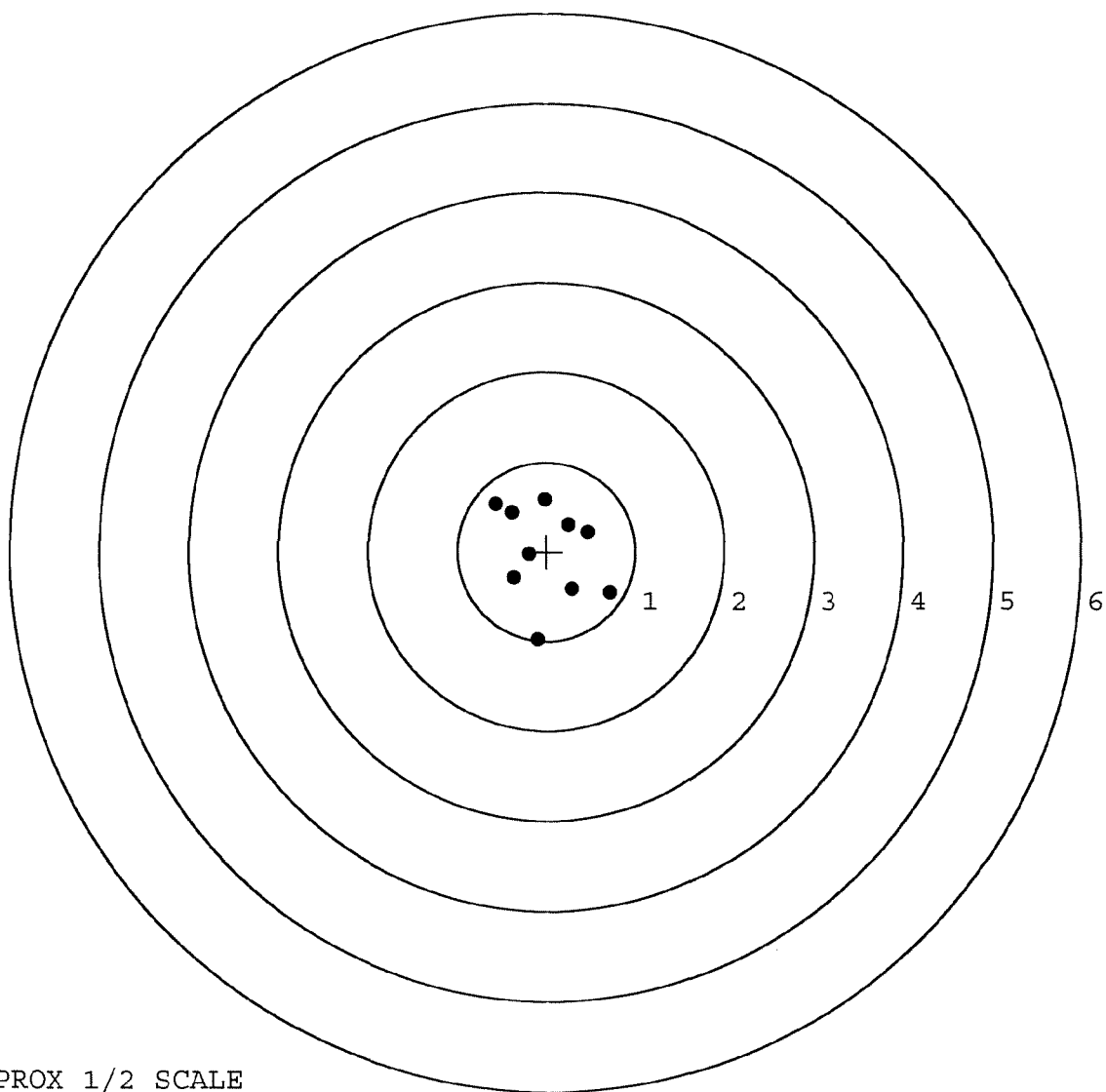


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348782. __0
TARGET NUMBER: 4
FILE DATE: 06/22/2009
FILE TIME: 07:34

POINT#	X	Y
1:	-0.103	-0.988
2:	0.717	-0.460
3:	0.287	-0.426
4:	-0.369	-0.294
5:	-0.196	-0.027
6:	-0.574	0.528
7:	-0.396	0.434
8:	-0.022	0.582
9:	0.462	0.216
10:	0.245	0.306

X CENTROID: 0.005
Y CENTROID: -0.013
POA TO CENTROID: 0.014
HORZ SPREAD: 1.291
VERT SPREAD: 1.570
GROUP SPREAD: 1.587
MIN RADIUS: 0.202
MAX RADIUS: 0.981
MEAN RADIUS: 0.589
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

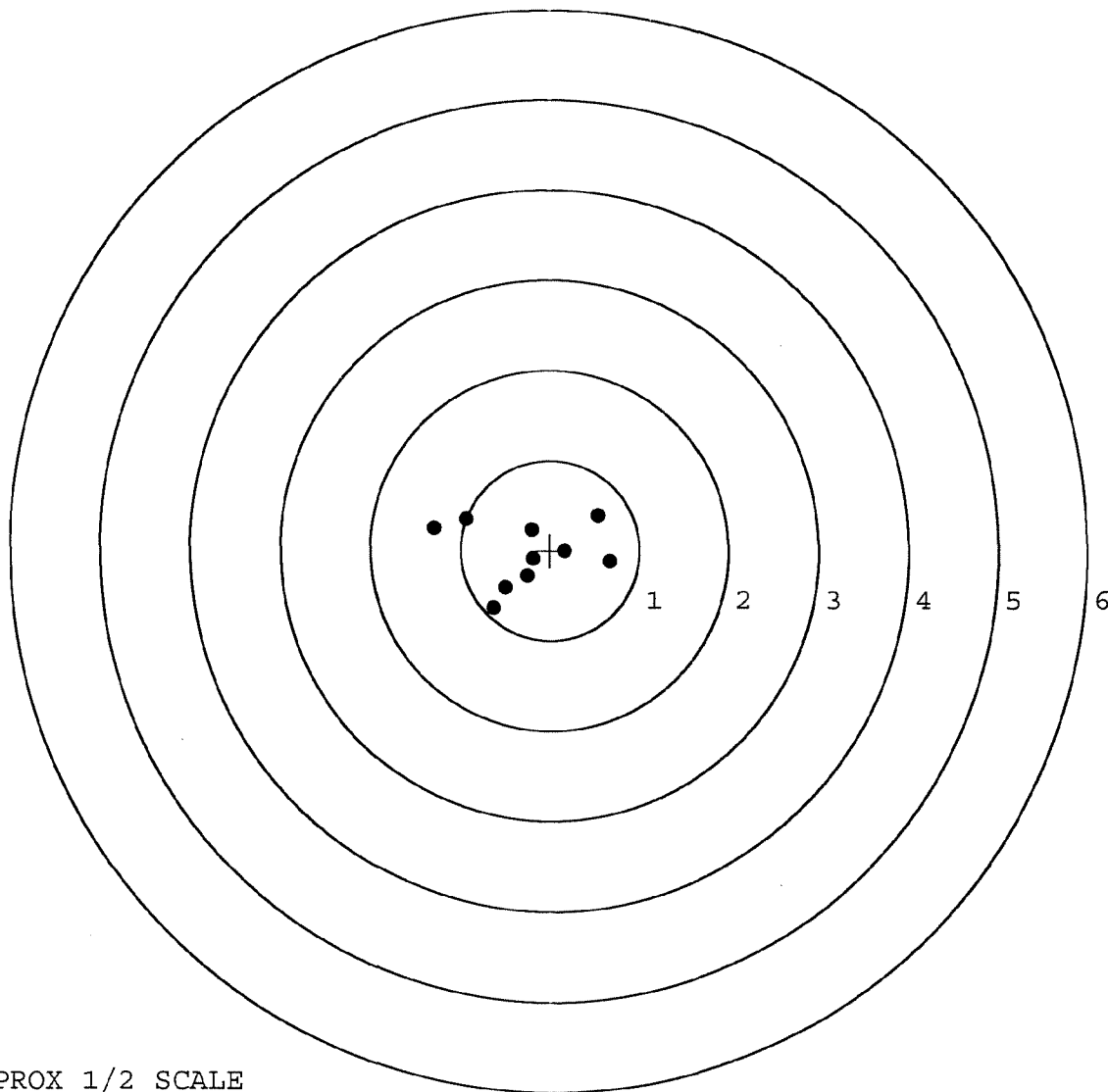


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348782.___0
TARGET NUMBER: 5
FILE DATE: 06/22/2009
FILE TIME: 07:34

POINT#	X	Y
1:	0.541	0.391
2:	0.671	-0.122
3:	0.165	-0.012
4:	-0.203	0.233
5:	-0.945	0.343
6:	-1.288	0.246
7:	-0.194	-0.097
8:	-0.639	-0.652
9:	-0.503	-0.421
10:	-0.259	-0.288

X CENTROID: -0.265
Y CENTROID: -0.038
POA TO CENTROID: 0.268
HORZ SPREAD: 1.959
VERT SPREAD: 1.043
GROUP SPREAD: 1.993
MIN RADIUS: 0.093
MAX RADIUS: 1.061
MEAN RADIUS: 0.592
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00047881** Serial: **C6348782** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SW)** Repairman: Status: **Closed 6/11/02 7:08:37 AM**

Address Information

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

Address 1: **HSC 2/7 SFG A** Address 2: PO Box: City: **FORT BRAGG** State: **NC** Zip Code: **28310** Country: **US**

FFL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: **Poor** Condition Notes: CSR Notes:

Accessories Received

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

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

maglev 6/11/02 7:32 AM EAP5 NUM INS SCFL

Start Inbox Scored Google Arms Part Se PAC19 7:32 AM

Serial Number: **C6348782**

Model: **700**



RE00047881

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348782.__0
FILE DATE AND TIME: 06/27/2002 13:39

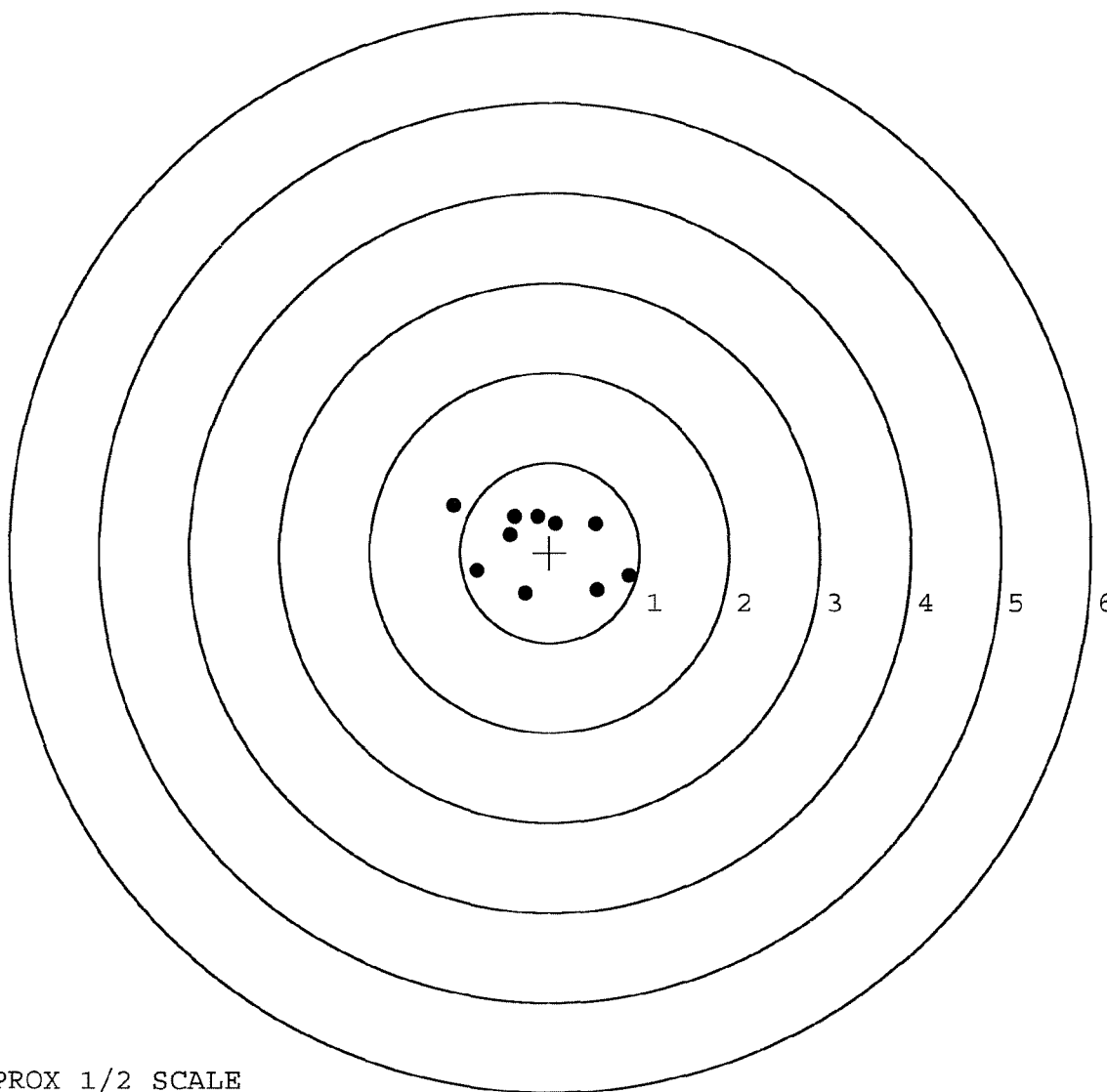
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.075
The Average Y Centroid of the Five Target Set:	-0.014
The Average Point of Impact of the Five Target Set:	0.076
The Average Mean Radius of the Five Target Set:	0.523
The Distance from POA to Centroid Target #1:	0.144
The Distance from Centroid Target #2 to Centroid Target #1:	0.150
The Distance from Centroid Target #3 to Centroid Target #1:	0.121
The Distance from Centroid Target #4 to Centroid Target #1:	0.086
The Distance from Centroid Target #5 to Centroid Target #1:	0.202

SERIAL NUMBER: C6348782. __0
TARGET NUMBER: 1
FILE DATE: 06/27/2002
FILE TIME: 13:39

POINT#	X	Y
1:	0.883	-0.254
2:	0.529	-0.418
3:	0.508	0.325
4:	0.062	0.323
5:	-0.446	0.198
6:	-0.811	-0.204
7:	-0.278	-0.456
8:	-1.080	0.515
9:	-0.400	0.402
10:	-0.143	0.400

X CENTROID: -0.118
Y CENTROID: 0.083
POA TO CENTROID: 0.144
HORZ SPREAD: 1.963
VERT SPREAD: 0.971
GROUP SPREAD: 2.108
MIN RADIUS: 0.300
MAX RADIUS: 1.056
MEAN RADIUS: 0.630
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

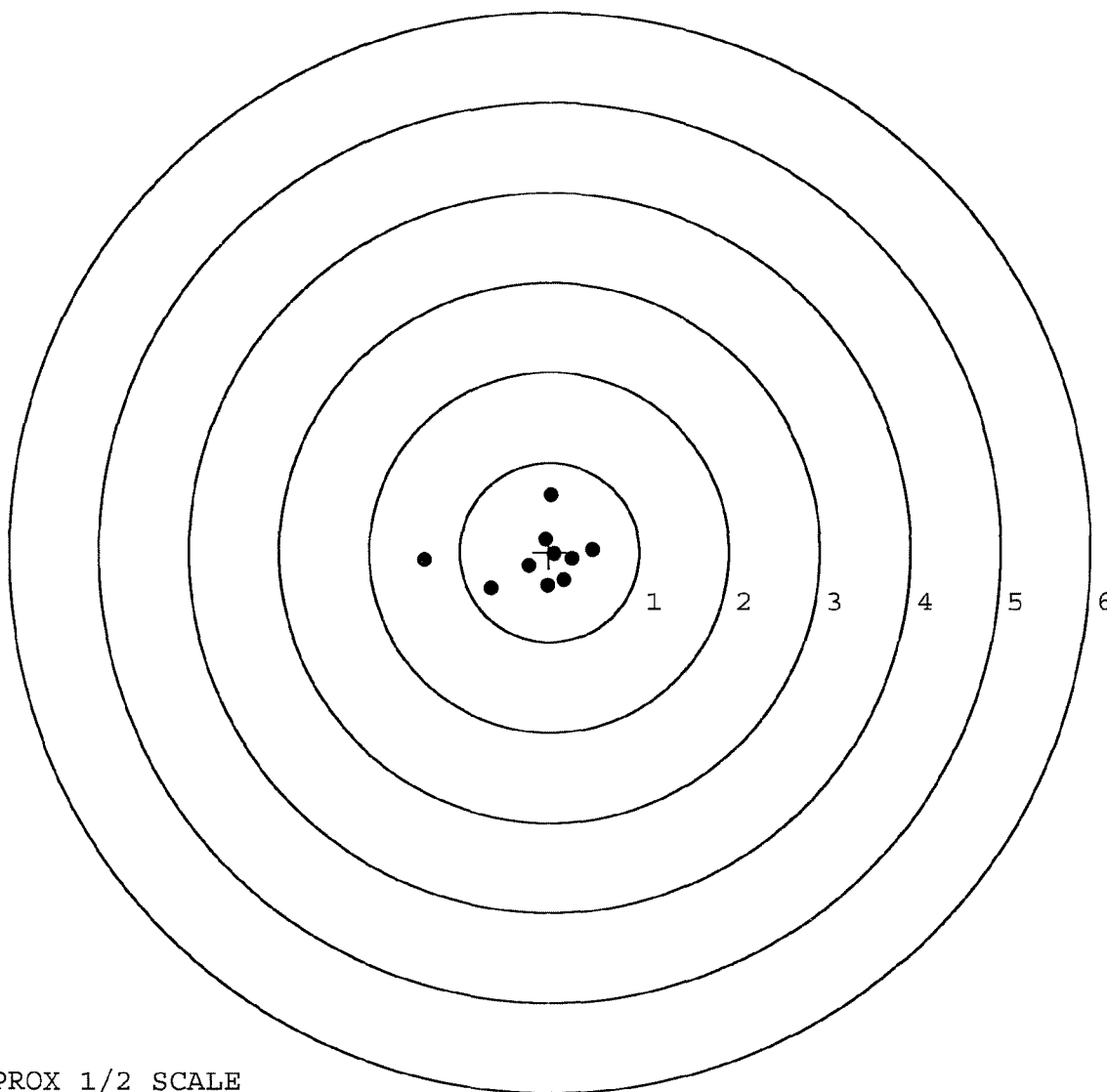


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348782. __0
TARGET NUMBER: 2
FILE DATE: 06/27/2002
FILE TIME: 13:39

X CENTROID: -0.137
Y CENTROID: -0.066
POA TO CENTROID: 0.151
HORZ SPREAD: 1.872
VERT SPREAD: 1.044
GROUP SPREAD: 1.877
MIN RADIUS: 0.135
MAX RADIUS: 1.251
MEAN RADIUS: 0.489
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.014	0.635
2:	-1.387	-0.099
3:	-0.651	-0.409
4:	-0.043	0.140
5:	0.485	0.032
6:	0.255	-0.077
7:	0.058	-0.023
8:	-0.233	-0.160
9:	0.162	-0.315
10:	-0.025	-0.380

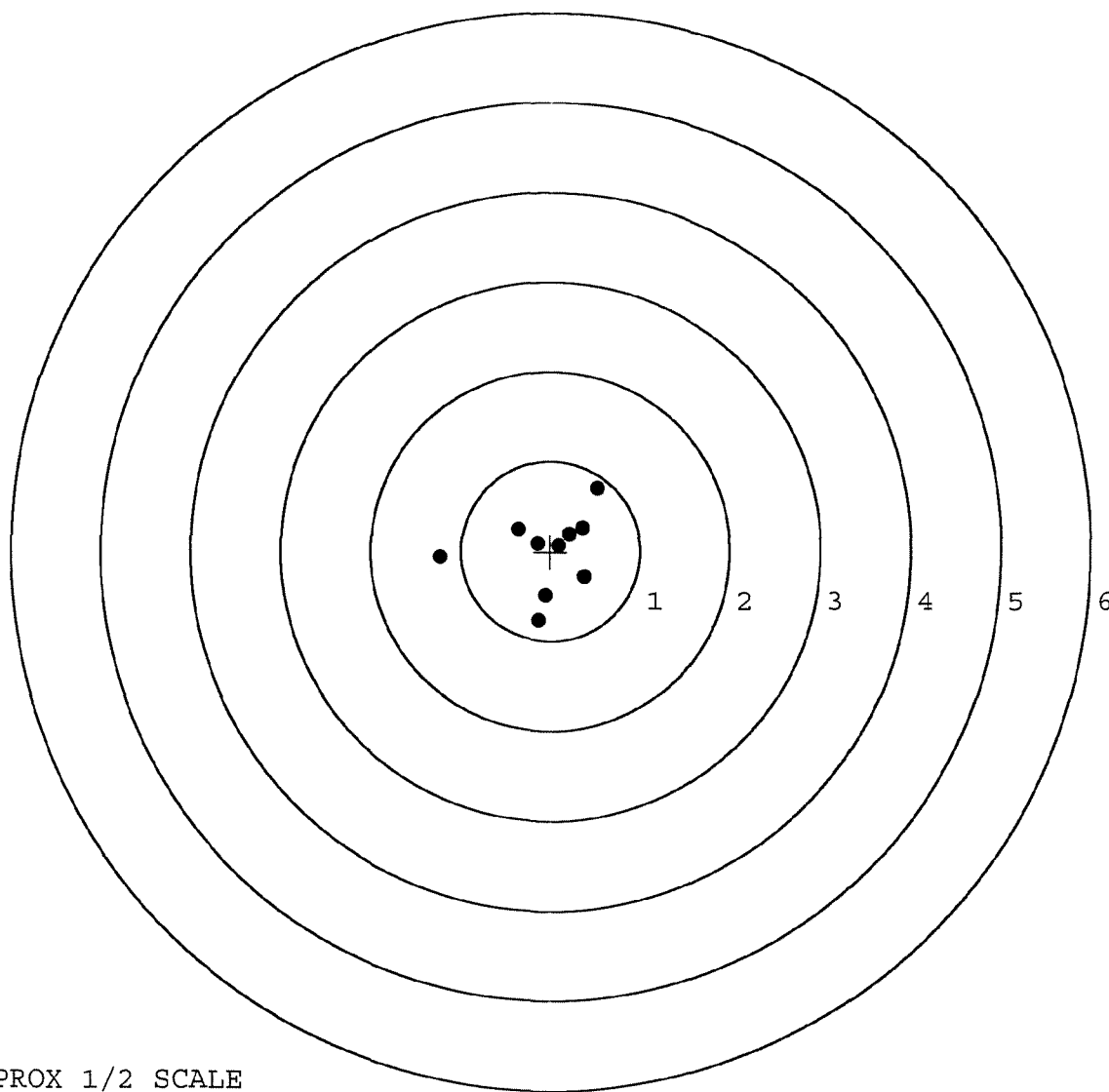


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348782. __0
TARGET NUMBER: 3
FILE DATE: 06/27/2002
FILE TIME: 13:39

POINT#	X	Y
1:	0.380	-0.284
2:	0.364	0.263
3:	0.524	0.704
4:	-1.229	-0.072
5:	-0.140	-0.780
6:	-0.059	-0.494
7:	-0.365	0.246
8:	-0.146	0.087
9:	0.097	0.070
10:	0.214	0.198

X CENTROID: -0.036
Y CENTROID: -0.006
POA TO CENTROID: 0.037
HORZ SPREAD: 1.753
VERT SPREAD: 1.484
GROUP SPREAD: 1.917
MIN RADIUS: 0.144
MAX RADIUS: 1.195
MEAN RADIUS: 0.539
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

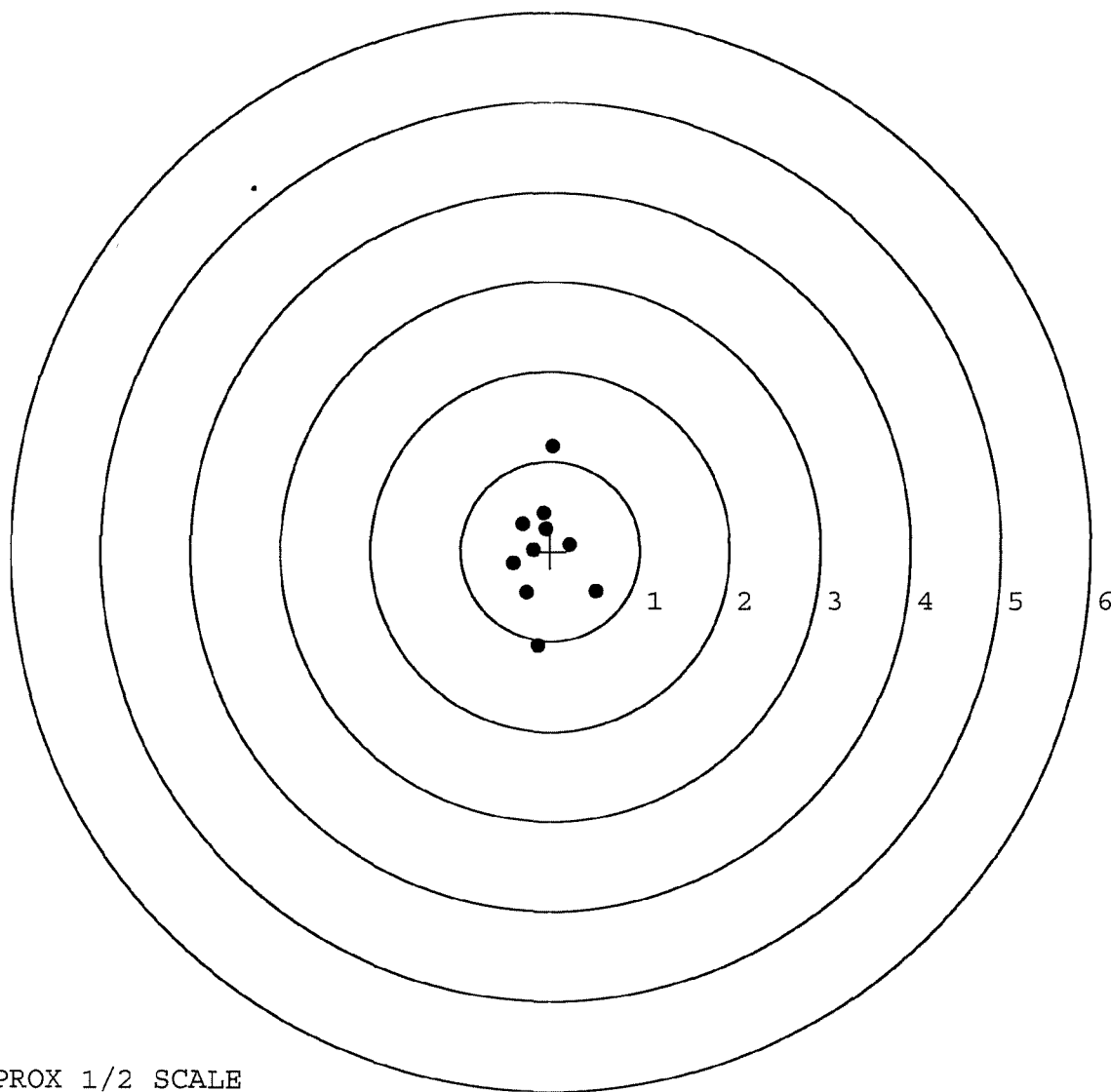


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348782.___0
TARGET NUMBER: 4
FILE DATE: 06/27/2002
FILE TIME: 13:39

POINT#	X	Y
1:	0.512	-0.452
2:	0.218	0.077
3:	0.026	1.168
4:	-0.143	-1.056
5:	-0.269	-0.472
6:	-0.414	-0.146
7:	-0.190	0.017
8:	-0.048	0.250
9:	-0.316	0.297
10:	-0.083	0.425

X CENTROID: -0.071
Y CENTROID: 0.011
POA TO CENTROID: 0.072
HORZ SPREAD: 0.926
VERT SPREAD: 2.224
GROUP SPREAD: 2.230
MIN RADIUS: 0.119
MAX RADIUS: 1.161
MEAN RADIUS: 0.532
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

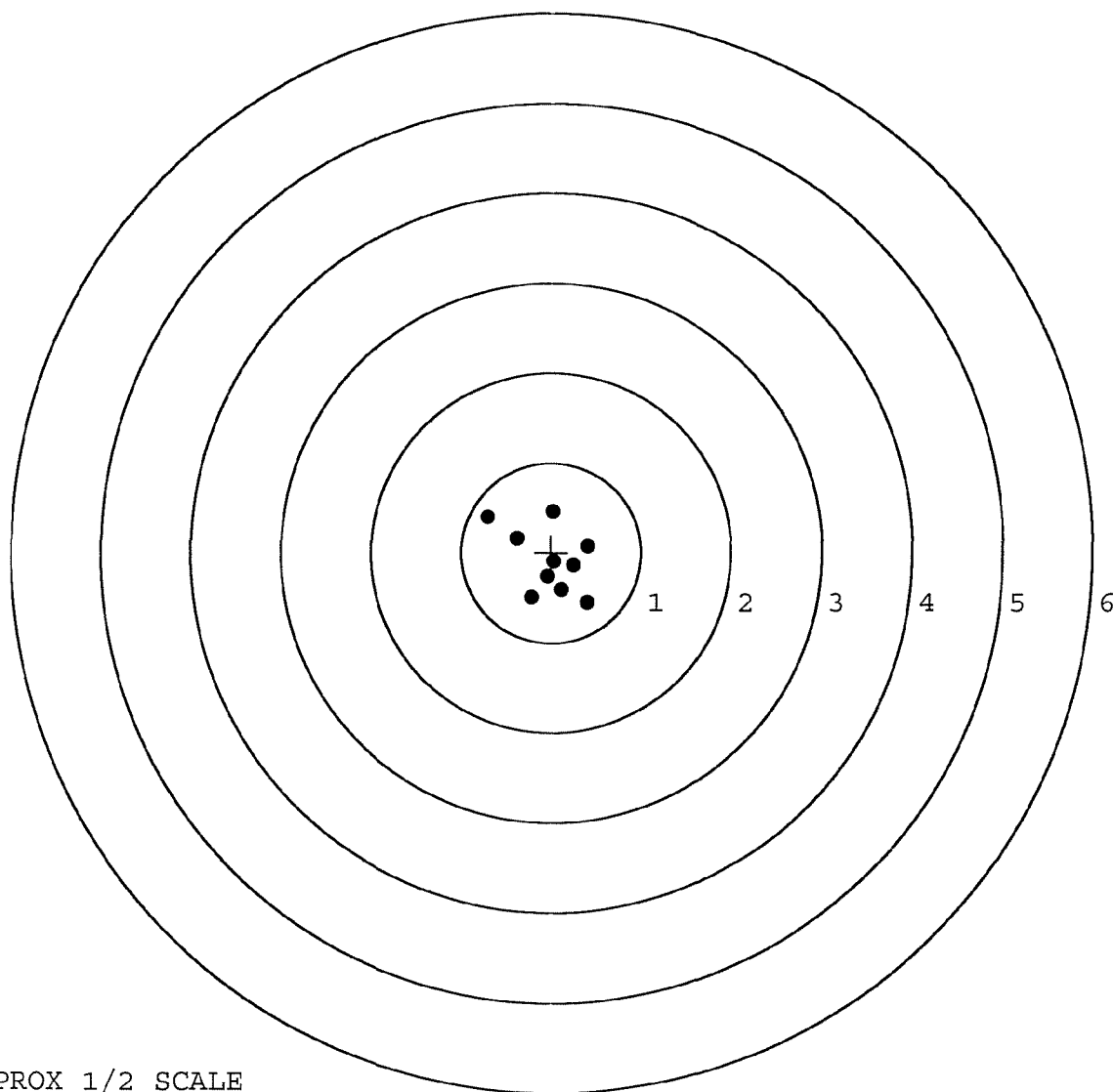


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348782. __0
TARGET NUMBER: 5
FILE DATE: 06/27/2002
FILE TIME: 13:39

POINT#	X	Y
1:	0.405	-0.558
2:	0.412	0.072
3:	0.015	0.460
4:	-0.391	0.156
5:	-0.719	0.399
6:	-0.224	-0.502
7:	-0.044	-0.273
8:	0.118	-0.415
9:	0.028	-0.100
10:	0.252	-0.143

X CENTROID: -0.015
Y CENTROID: -0.090
POA TO CENTROID: 0.092
HORZ SPREAD: 1.131
VERT SPREAD: 1.018
GROUP SPREAD: 1.476
MIN RADIUS: 0.044
MAX RADIUS: 0.858
MEAN RADIUS: 0.426
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

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

R & E NUMBER 47881

SERIAL NUMBER C6348782

LOG-IN DATE 6/11/02

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6/14/02	RL
560 A	RE-BARREL AT CUSTOM SHOP	6/17/02	BWT
B	DRILL AND TAP	6/17/02	BWT
C	POLISH		
575	ASSEMBLE	6/12/02	RL
600	PROOF	6/17/02	RW
605	CHECK HEADSPACE	6/17/02	RW
610	DIS-ASSEMBLE GUN	6/17/02	RW
612	MAGNAFLUX	ARL	
615	ROLLMARK CALIBER	6/17/02	RW
618	ROTO-BLAST	6/19/02	AD
620	APPLY COATINGS	6-24	TA
625 A	FINAL ASSEMBLY	6/25/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-26-02	TRW
655	FINAL INSPECT	6/28/02	RL
660	PACK	6/28/02	RAA
		SHIP DATE	
		QAR INSPECTION DATE	

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-13369

M24

INITIAL
FPSCUSTOMER ORDER NO.
11359DATE RECEIVED
05/30/96DATE OPENED
05/30/96DATE CODE
PJ 6-89SERIAL NUMBER
C6348782

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

E1

F1

BOLT ASSY.

B3

E2

F2

BARREL ASSY.

B4

D1

E3

F3

REC. ASSY.

B5

D2

E4

F4

WOOD

C1

D3

E5

F5

METAL

C2

MAIN FAULT

PARTS

COMMENTS

Barrel - 96003
Mag Spring - 15677Repowder Coat Trigger
Guard Assy Front & Rear
Sight Bases
Kinzire 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

M2400063906

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 011359

DATE

05-29-96

CUSTOMER NAME:

ADDRESS:

ZIP:

PHONE:

FIREARM

MODEL: M24

GAUGE: .308

SERIAL # 66345

REMINGTON EMPLOYEE:

YES ☐ NO ☒

EMPLOYEE #

DEPT. #

CHECK FOR AMMUNITION ☒

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:

SIGNATURE:

(Security Officer)

DATE:

SIGNATURE:

(Firearm picked up by)

DATE:

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															
						02		<i>[Signature]</i>															
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HSC, 2/7 SFG(A) FT. BRAGG, NC 28307		B. LOCATION BLDG E-3928 FT. BRAGG, NC 28307		C. UNIT IDENT CODE WH00DO																	
2. SERIAL NO. C6348782		3. NOUN NOMENCLATURE RIFLE SNIPER		4. LINE NO.		5. MODEL M24		6. NATIONAL STOCK NUMBER 1005-240-2136															
7A. MAINTENANCE ACTIVITY		B. LEVEL DEPOT		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC B															
						9C. PACING ITEM		10. HOURS															
								11. MILES															
								12. ROUNDS 8200															
								13. STARTS															
14. FAILURE DETECTED DURING (Select one - use ☒ or X)																							
<table border="0" style="width:100%;"> <tr> <td>☐ A Sch. Main.</td> <td>☐ C Test</td> <td>☐ E Storage</td> <td>☐ G Flight</td> <td>☐ 068 Inoperative</td> <td>☐ 258 Overheating</td> <td>☐ 790 Out of Adjustment</td> </tr> <tr> <td>☐ B Handling</td> <td>☒ D Normal Op</td> <td>☐ F Inspection</td> <td>☐ H Other</td> <td>☐ 008 Noisy</td> <td>☐ 387 Low Performance</td> <td>☒ L Other</td> </tr> </table>										☐ A Sch. Main.	☐ C Test	☐ E Storage	☐ G Flight	☐ 068 Inoperative	☐ 258 Overheating	☐ 790 Out of Adjustment	☐ B Handling	☒ D Normal Op	☐ F Inspection	☐ H Other	☐ 008 Noisy	☐ 387 Low Performance	☒ L Other
☐ A Sch. Main.	☐ C Test	☐ E Storage	☐ G Flight	☐ 068 Inoperative	☐ 258 Overheating	☐ 790 Out of Adjustment																	
☐ B Handling	☒ D Normal Op	☐ F Inspection	☐ H Other	☐ 008 Noisy	☐ 387 Low Performance	☒ L Other																	
15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)																							
<table border="0" style="width:100%;"> <tr> <td>☐ 068 Inoperative</td> <td>☐ 258 Overheating</td> <td>☐ 790 Out of Adjustment</td> </tr> <tr> <td>☐ 008 Noisy</td> <td>☐ 387 Low Performance</td> <td>☒ L Other</td> </tr> </table>										☐ 068 Inoperative	☐ 258 Overheating	☐ 790 Out of Adjustment	☐ 008 Noisy	☐ 387 Low Performance	☒ L Other								
☐ 068 Inoperative	☐ 258 Overheating	☐ 790 Out of Adjustment																					
☐ 008 Noisy	☐ 387 Low Performance	☒ L 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, BARREL NEEDS REPLACED.																							
B. REMARKS																							
REBARREL AND RETURN REQUESTED. POC IS CPT BURNS AT (910) 452-5208																							
PREPARATION INSTRUCTIONS (Prior to using this form, read DA PAM 738-750 for detailed preparation instructions)																							
1. Place a "✓" or an "X" in the box for the type of action required. 2. Enter the WESDC if the item is Materiel Condition Status Reportable. 3. Enter the priority designator as determined from the urgency of need and force activity designator. 4. The Unit Commander, Chief of TDA activity or their designated representative will authenticate, by signature, a priority of 01 through 08. 5. Block 1A. Enter the name of the organization submitting the request. 6. Block 1B. Enter the unit submitting the request; units overseas enter APO only. 7. Block 1C. Enter the unit identification code of the unit in block 1A. 8. Block 2. Enter the equipment serial number. For ammunition, enter the lot number. For administrative-use vehicles, enter the USA registration number. 9. Block 3. Enter the noun abbreviation of the item. 10. Block 4. Enter the item line number, if applicable. 11. Block 5. Enter the model number. 12. Block 6. Enter the National Stock Number of the item listed in Block 3. 13. Block 7. Enter the name of the support activity. 14. Block 7A. Enter the symbol of the maintenance category (O, F, H, D, or L). 15. Block 8. Enter the utilization code. 16. Block 9A. Enter the word "yes" if the item is Materiel Condition Status Reportable. 17. Block 9B. Enter the equipment readiness code, if applicable. 18. Block 9C. Enter the word "yes" if the item is a pacing item. 19. Block 10. Enter the hour reading, if applicable. 20. Block 11. Enter the mileage from the odometer, if applicable. 21. Block 12. Enter the total rounds fired, if applicable. 22. Block 13. For turbine engines, enter the number of hot starts. 23. Block 14. Enter a "✓" or "X" in the proper block. 24. Block 15. Enter a "✓" or "X" in the proper block. 25. Block 16. Describe briefly the fault or symptoms needing correction.																							
23. SUBMITTED BY		24. RECEIVED BY																					
JULIAN DATE		JULIAN DATE																					

MAINTENANCE REQUEST										PAGE NO.		NO OF PAGES		REQUIREMENTS CONTROL SYMBOL 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 8211 (M)				B. LOCATION 17110011 2 201				C. UNIT IDENT CODE WH01.00									
2. SERIAL NO. 4-122		3. NOUN NOMENCLATURE 1105 1105				4. LINE NO.		5. MODEL 1105		6. NATIONAL STOCK NUMBER 1105 1105									
7A. MAINTENANCE ACTIVITY		B. LEVEL		8. UTILIZATION CODE		9A. MCSR ITEM		9B. ERC		9C. PACING ITEM		10. HOURS		11. MILES		12. ROUNDS		13. STARTS	
14. FAILURE DETECTED DURING (Select one - use ☒ or X) ☐ A Sch. Main. ☐ C Test ☐ E Storage ☐ G Flight ☐ B Handling ☒ D Normal Op ☐ F Inspection ☐ H Other										15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X) ☐ 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 failures, replaced source.																			
B. REMARKS REPAIR NOT COMPLETED. (1105) 1105																			
SECTION II - WORK ACCOMPLISHED																			
17A. REPAIR ORGANIZATION/ACTIVITY						C. UNIT IDENT. CODE		18. TYPE ORGANIZATION/ACTIVITY ACCOMPLISHING WORK (Select one - use ☒ or X) ☐ 1 TOE ☐ 2 TD ☐ 3 Contractor				19. AMS ACCT. CODE							
B. LOCATION																			
20A. ACT. CODE	B. FAILURE CODE	C. COMPONENT/PART NOUN, SVC, OR MWO NO.			D. MANHOURS (Hrs. & tenths)	E. NATIONAL STOCK NUMBER		F. PART SOURCE CODE	G. QTY.	H. PARTS COST									
		(1) CB CODE	(2) REF DESIGN.	(3) MFR. CODE															
					I. TOTAL MANHOURS		J. TOTAL MANHOURS COST		K. TOTAL PARTS COST										
							\$		\$										
21. DELAY (Select One)					☐ 1 Parts ☐ 2 Manpower ☐ 3 Facilities ☐ 4 Funds ☐ 5 Tools		22.		Data Transcribed										
23. SUBMITTED BY		24. RECEIVED BY		25. WORK STARTED BY		26. INSPECTED BY		27. ACCEPTED BY		28. DISPOSITION (Select One)									
										☐ A To User ☐ D Evacuated ☐ B To Stock ☐ E Cannibalization ☐ C Salvaged									
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE											

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348782
19 Apr 1980

CENTROIDAL DISTANCES

0 TO	1	.58472
1 TO	2	.432714
1 TO	3	.396043
1 TO	4	.0862844
1 TO	5	.26565

+ ²⁵ <----POA

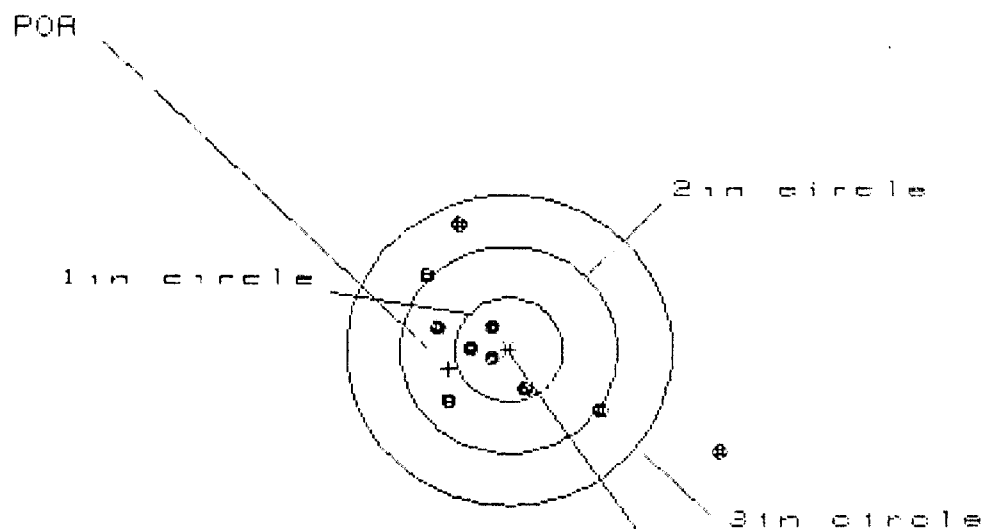
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .25
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .415441
THE AMR FOR THIS RIFLE IS: .9086

19 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C6348782

CENTERFIRE PATTERNS

1



OF SHOTS- 10

IN CIR

1in = 4

2in = 7

3in = 9

HS = 2.739

VS = 2.175

GS = 3.284

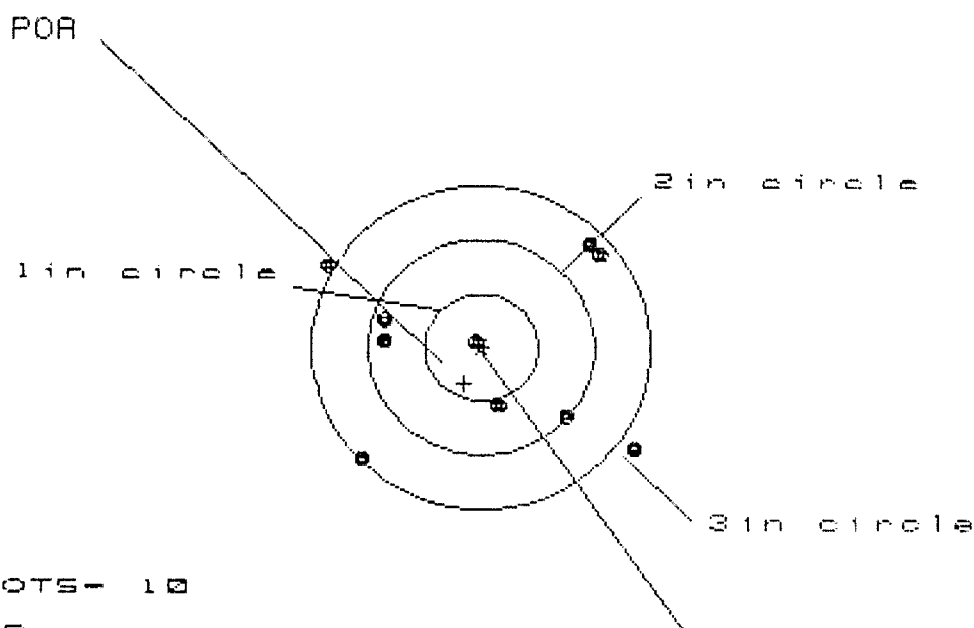
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.989	1.027	.995
MINIMUM X	:	-.750	-.528	-.560
MAXIMUM Y	:	1.213	1.106	.769
MINIMUM Y	:	-.962	-.652	-.513
CENTROID X	:	.556	.335	.367
CENTROID Y	:	.181	.288	.149
POR TO CENTROID in.	:	.585	.442	.396
MIN RADIUS	:	.142	.112	.069
MEAN RADIUS	:	.800	.590	.506
MAX RADIUS	:	2.210	1.216	1.120
HORIZONTAL SPREAD	:	2.739	1.555	1.555
VERTICAL SPREAD	:	2.175	1.758	1.282
EXTREME SPREAD	:	3.284	2.172	2.015
NUMBER IN ONE INCH CIRCLE	=	4	4	4
NUMBER IN TWO INCH CIRCLE	=	7	7	7
NUMBER IN THREE INCH CIRCLE	=	9	9	9

19 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C63487B2

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS= 2.712

VS= 2.049

GS= 3.206

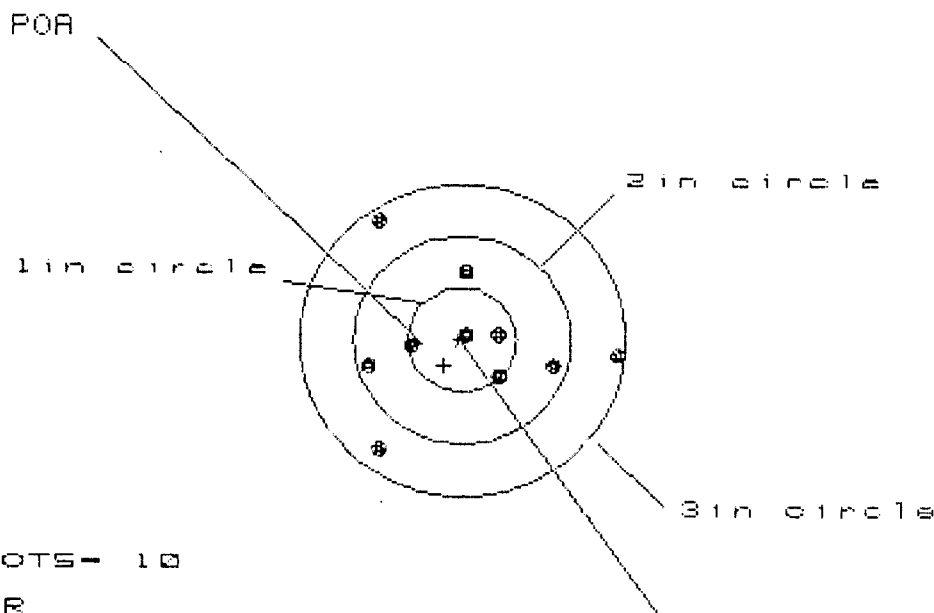
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.357	1.166	1.016
MINIMUM X	:	-1.355	-1.204	-1.006
MAXIMUM Y	:	1.001	.901	.990
MINIMUM Y	:	-1.048	-1.148	-1.059
CENTROID X	:	.152	.001	.151
CENTROID Y	:	.336	.436	.347
POA TO CENTROID in.	:	.369	.436	.379
MIN RADIUS	:	.109	.101	.099
MEAN RADIUS	:	1.069	.995	.935
MAX RADIUS	:	1.627	1.432	1.461
HORIZONTAL SPREAD	:	2.712	2.370	2.022
VERTICAL SPREAD	:	2.049	2.049	2.049
EXTREME SPREAD	:	3.206	2.800	2.800
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

19 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348782

CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1 in - 4

2 in - 7

3 in = 10

HS = 2.281

VS = 2.281

GS = 2.540

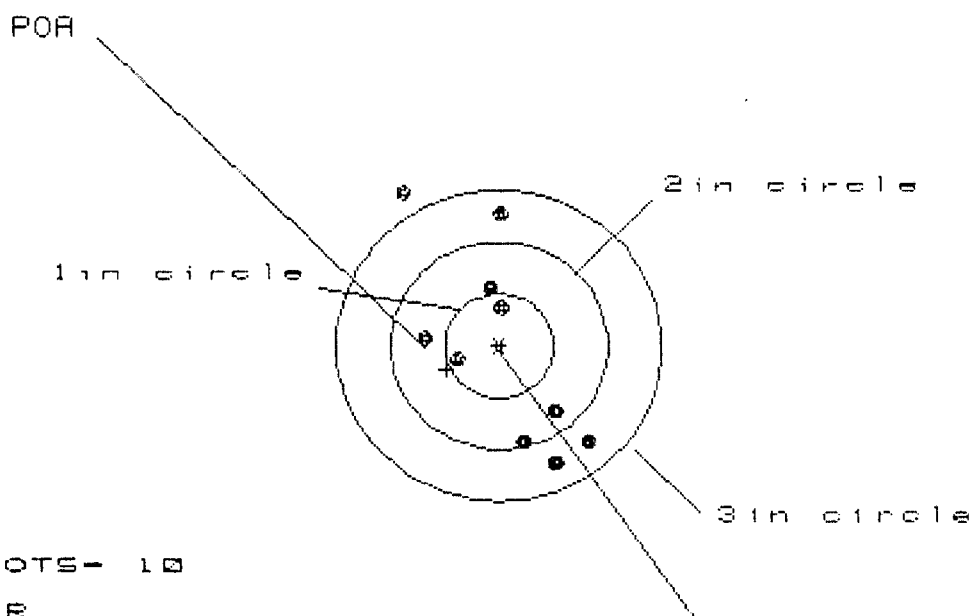
PATTERN #	:	731		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.385	1.301	.895
MINIMUM X	:	-.896	-.980	-.817
MAXIMUM Y	:	1.195	.814	.808
MINIMUM Y	:	-1.086	-.953	-.959
CENTROID X	:	.165	.249	.086
CENTROID Y	:	.244	.111	.117
POA TO CENTROID in.	:	.295	.272	.145
MIN RADIUS	:	.093	.199	.241
MEAN RADIUS	:	.790	.721	.654
MAX RADIUS	:	1.413	1.302	1.197
HORIZONTAL SPREAD	:	2.281	2.281	1.712
VERTICAL SPREAD	:	2.281	1.767	1.767
EXTREME SPREAD	:	2.540	2.364	1.938
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

19 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6348782

CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1 in - 2

2 in - 6

3 in - 9

HS- 1.681

VS- 2.613

GS- 2.957

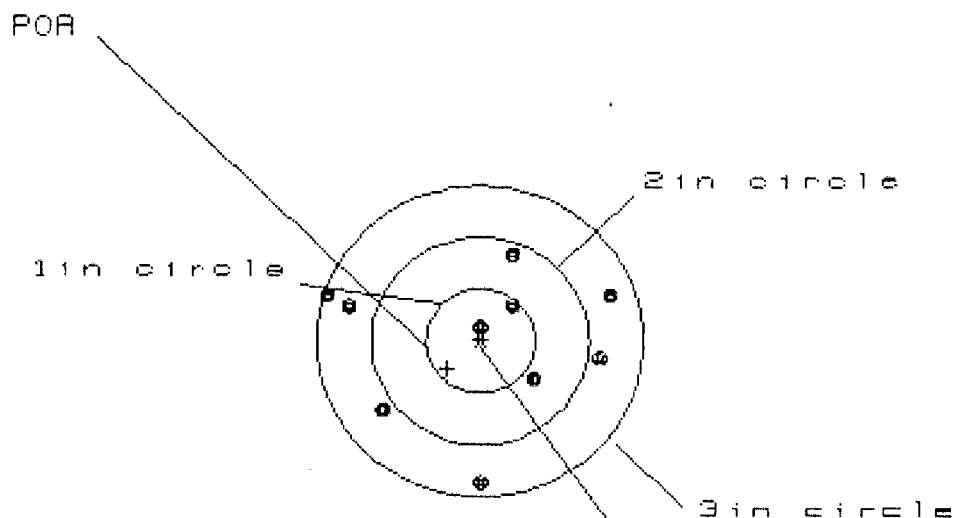
CENTROID *

PATTERN #	:	10	3	8
SHOTS (BEST OF)	:	10	3	8
MAXIMUM X	:	.802	.704	.699
MINIMUM X	:	-.879	-.787	-.792
MAXIMUM Y	:	1.467	1.429	.864
MINIMUM Y	:	-1.146	-.983	-.805
CENTROID X	:	.483	.581	.586
CENTROID Y	:	.227	.064	-.114
POA TO CENTROID in.	:	.534	.584	.597
MIN RADIUS	:	.350	.518	.512
MEAN RADIUS	:	.919	.831	.743
MAX RADIUS	:	1.710	1.429	.916
HORIZONTAL SPREAD	:	1.681	1.491	1.491
VERTICAL SPREAD	:	2.613	2.412	1.669
EXTREME SPREAD	:	2.957	2.453	1.788
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	9		

19 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06348782

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 10

HS= 2.577

VS= 2.204

GS= 2.631

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.148	.989	.975
MINIMUM X	:	-1.429	-1.319	-1.333
MAXIMUM Y	:	.824	.875	.708
MINIMUM Y	:	-1.388	-1.329	-.766
CENTROID X	:	.303	.462	.476
CENTROID Y	:	.262	.211	.378
POR TO CENTROID in.	:	.401	.508	.608
MIN RADIUS	:	.147	.239	.155
MEAN RADIUS	:	.965	.889	.799
MAX RADIUS	:	1.499	1.365	1.346
HORIZONTAL SPREAD	:	2.577	2.308	2.308
VERTICAL SPREAD	:	2.204	2.204	1.474
EXTREME SPREAD	:	2.631	2.338	2.338
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		10	

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

Barrel

R&E NO.

SERIAL NO. C6348782

LOG IN DATE: 5/30/96		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	6/19/96	RW
655	FINAL INSPECT	6/20/96	RW
660	PACK		

QAR INSPECTION

SHIP DATE

Final Inspection

Sn: C6348782

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.

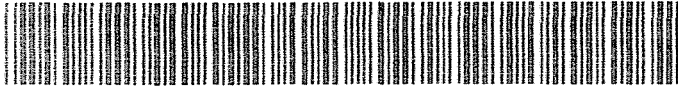
MODEL 700™ H24

SERIAL NO.
C6348782

ORDER NO.
5716

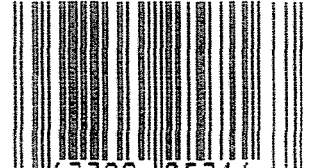
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5716 C6348782

UPC



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CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348782

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7: 25	89	RW
600	Proof	7 25	89	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		7/28/89	KR
	Magnaflux Bolt		7/28/89	KR
615	Rollmark Caliber		7/28/89	923
7	Drill and Tap Sight Holes		7/27/89	W.C.
618	Polish Barrel <i>ReB</i>		7/31/89	W.C.
620	Apply Coatings (Barrel Action)		8-28-89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/2/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/3/89	RW
	C) Inspect Ejector Hole for Chamfer		8/3/89	RW
	D) Oil Firing Pin Ass'y		8/3/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8 Aug 89	JS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8 Aug 89	JS
	G) Safety Off Force	4	4	4			8 Aug 89	JS
	H) Trigger Pull Test & Retainability						8 Aug 89	JS
	I) Firing Pin Indent	.0205	.021	.0215			8 Aug 89	JS
	J) Assemble Stock						8/8/89	RW
	K) Assemble Swivel Studs						16 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies						8/9/89	RW
	M) Iron Sight Alignment						8/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container						8/9/89	RW
	O) Attach Scope to Rifle						10 Aug 89	JS
	P) Detach & Attach Scope 20 Times						10 Aug 89	JS
640	Gallery Target & Test						8-15-89	A
	A) Time						8-15-89	A
	B) Malfunctions						8-15-89	A
	C) Pierced Primers						8-15-89	A
	D) Optical Clarity of Scope						8-15-89	A
645	Inspect for Live Ammo						8-15-89	A
655	Final Inspection							
	A) Headspace						16 Aug 89	JS
	B) Trigger Pull	224	245	235	252	239	16 Aug 89	JS
	C) Function						16 Aug 89	JS
660	Pack						20 Sep 89	JS

Repaired Stock At Front Swivel
9/13/89

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. 8782

DATE _____

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.31	2.19	2.08	MIN. SETTING,
PULL #2	2.29	2.29	2.19	NO AVG. OF 5
PULL #3	2.30	2.35	2.28	READINGS ACCEPT-
PULL #4	2.36	2.26	2.31	ABLE LESS THAN 2#
PULL #5	2.25	2.30	2.38	
TOTAL	11.51	11.39	11.24	
AVG.	2.30	2.27	2.24	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.23	2.93	
PULL #2	3.33	3.14	
PULL #3	3.38	3.12	
PULL #4	3.33	3.15	
PULL #5	3.32	3.12	
TOTAL	16.59	15.46	
AVG.	3.31	3.09	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.39	4.03		
PULL #2	4.49	4.11		
PULL #3	4.57	4.10		
PULL #4	4.55	4.17		
PULL #5	4.52	4.13		
TOTAL	22.52	20.54		
AVG.	4.50	4.10		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348782
16 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.511071
1 TO	2	.214674
1 TO	3	.25089
1 TO	4	.569401
1 TO	5	.348052

$\frac{1}{5} \sum_{i=1}^5 x_i^2$ -----POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .4488
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .018
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .449161
THE AMR FOR THIS RIFLE IS: 1.19

10 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C83487B2

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 8

HS= 2.127

VS= 3.246

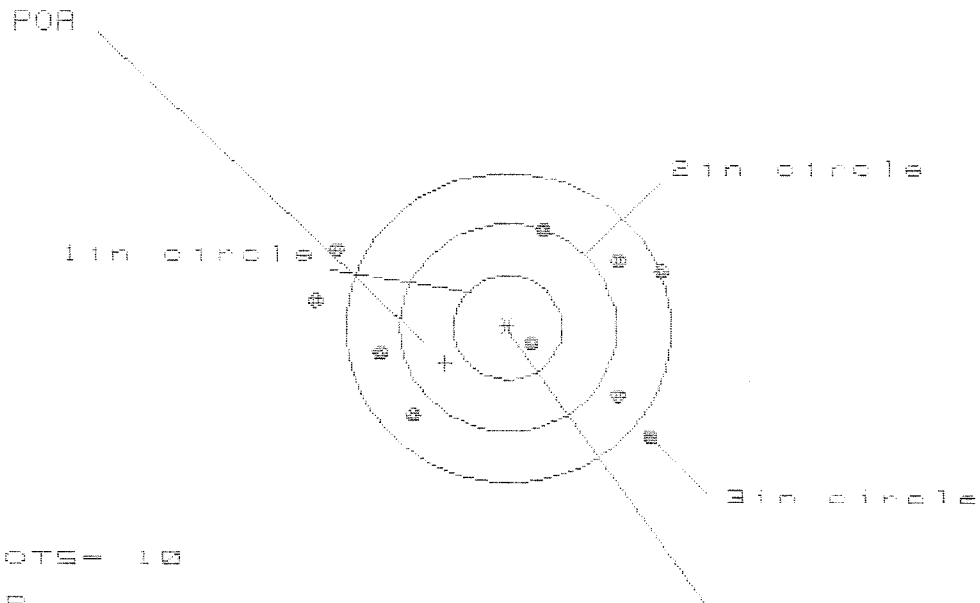
GS= 3.297

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.953	.878	.858
MINIMUM X	:	-1.174	-1.249	-1.269
MAXIMUM Y	:	1.625	1.445	1.393
MINIMUM Y	:	-1.621	-1.186	-1.005
CENTROID X	:	.487	.562	.582
CENTROID Y	:	.155	.335	.154
POA TO CENTROID in.	:	.511	.654	.602
MIN RADIUS	:	.265	.329	.185
MEAN RADIUS	:	1.084	.993	.915
MAX RADIUS	:	1.754	1.476	1.427
HORIZONTAL SPREAD	:	2.127	2.127	2.127
VERTICAL SPREAD	:	3.246	2.631	2.398
EXTREME SPREAD	:	3.297	2.830	2.667
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

16 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348782

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 2

3 in = 6

HS= 2.192

VS= 2.020

GS= 3.420

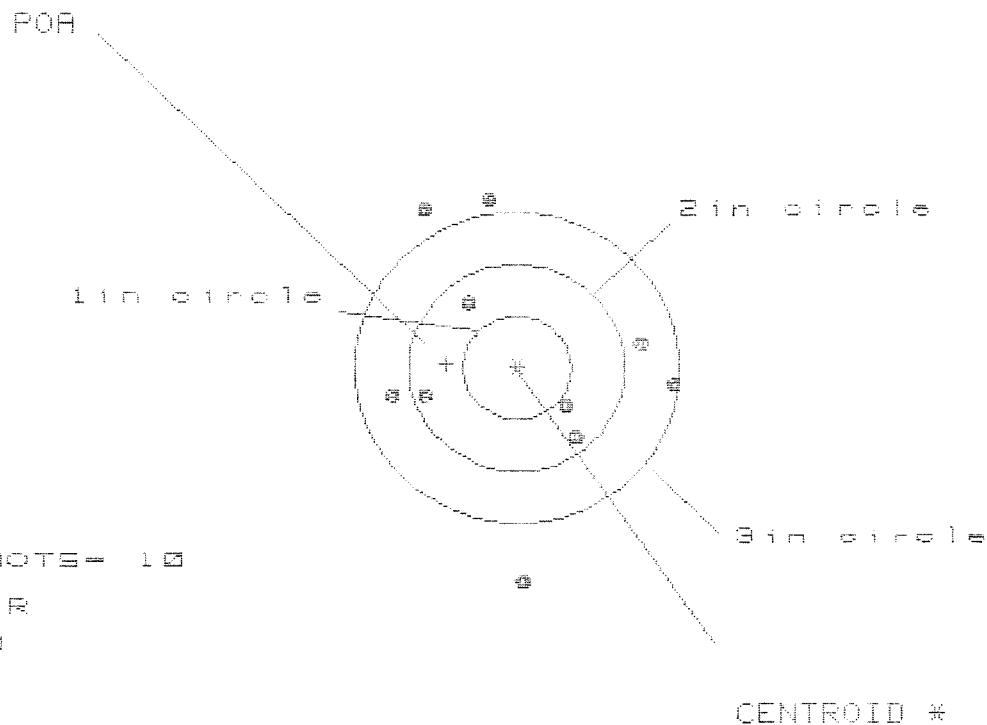
CENTROID #

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.461	1.268	1.046
MINIMUM X	-1.731	-1.780	-1.572
MAXIMUM Y	.945	.970	1.061
MINIMUM Y	-1.075	-1.050	-1.959
CENTROID X	.581	.774	.996
CENTROID Y	.348	.323	.232
POR TO CENTROID in.	.678	.838	1.023
MIN RADIUS	.259	.162	.245
MEAN RADIUS	1.288	1.208	1.096
MAX RADIUS	1.746	1.924	1.581
HORIZONTAL SPREAD	3.192	3.048	2.618
VERTICAL SPREAD	2.020	2.020	2.020
EXTREME SPREAD	3.420	3.420	2.753
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	2		
NUMBER IN THREE INCH CIRCLE =	6		

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C6348782

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 4

3 in = 7

HS= 2.592

VS= 3.703

GS= 3.703

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.402	1.401	1.292
MINIMUM X	:	-1.190	-1.191	-1.300
MAXIMUM Y	:	1.623	1.392	1.549
MINIMUM Y	:	-2.079	-1.902	-1.745
CENTROID X	:	.652	.653	.762
CENTROID Y	:	-.034	.197	.040
FOR TO CENTROID in.	:	.653	.682	.763
MIN RADIUS	:	.578	.637	.557
MEAN RADIUS	:	1.243	1.148	1.076
MAX RADIUS	:	2.080	1.530	1.582
HORIZONTAL SPREAD	:	2.592	2.592	2.592
VERTICAL SPREAD	:	3.703	2.294	2.294
EXTREME SPREAD	:	3.709	2.826	2.595
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

16 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348782

CENTERFIRE PATTERNS

4

POB

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS = 2.667

VS = 3.188

GS = 3.665

CENTROID *

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.633	1.527	1.619
MINIMUM X	-1.034	-1.140	-1.047
MAXIMUM Y	1.501	1.314	1.461
MINIMUM Y	-1.687	-1.039	-0.875
CENTROID X	.031	.137	.044
CENTROID Y	-.186	.001	-.163
POB TO CENTROID in.	.189	.137	.169
MIN RADIUS	.369	.568	.393
MEAN RADIUS	1.137	1.082	.970
MAX RADIUS	1.940	1.568	1.702
HORIZONTAL SPREAD	2.667	2.667	2.667
VERTICAL SPREAD	3.188	2.353	2.306
EXTREME SPREAD	3.665	3.014	3.011
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	4		
NUMBER IN THREE INCH CIRCLE =	7		

18 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348782

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 3

3 in = 9

HS = 3.517

VS = 2.707

GS = 3.518

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.434	1.203	.840
MINIMUM X	:	-2.083	-1.486	-1.336
MAXIMUM Y	:	1.414	1.388	1.347
MINIMUM Y	:	-1.292	-1.319	-1.360
CENTROID X	:	.493	.724	.574
CENTROID Y	:	-.193	-.166	-.125
POA TO CENTROID in.	:	.529	.743	.587
MIN RADIUS	:	.280	.265	.193
MEAN RADIUS	:	1.200	1.074	1.041
MAX RADIUS	:	2.097	1.489	1.461
HORIZONTAL SPREAD	:	3.517	2.689	2.176
VERTICAL SPREAD	:	2.707	2.707	2.707
EXTREME SPREAD	:	3.518	2.724	2.724
NUMBER IN ONE INCH CIRCLE =			1	
NUMBER IN TWO INCH CIRCLE =			3	
NUMBER IN THREE INCH CIRCLE =			9	