

BARBER - M24 0063842

C6348782

MODEL 700TM M24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

BARBER - M24 ~~M2400963881~~

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: 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:

SFG (A)

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: NH

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	Fit and Rear Sgt Base	1
D000	FLASH SUPPRESSOR	1

Repair Search

Refresh

Close

nagletj

6/8/2009

12:04 PM

C-APS

NUM

INTS

SCRL



12:04 PM

Serial Number: C6348782

Model: M24 SWS



RE00169249

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

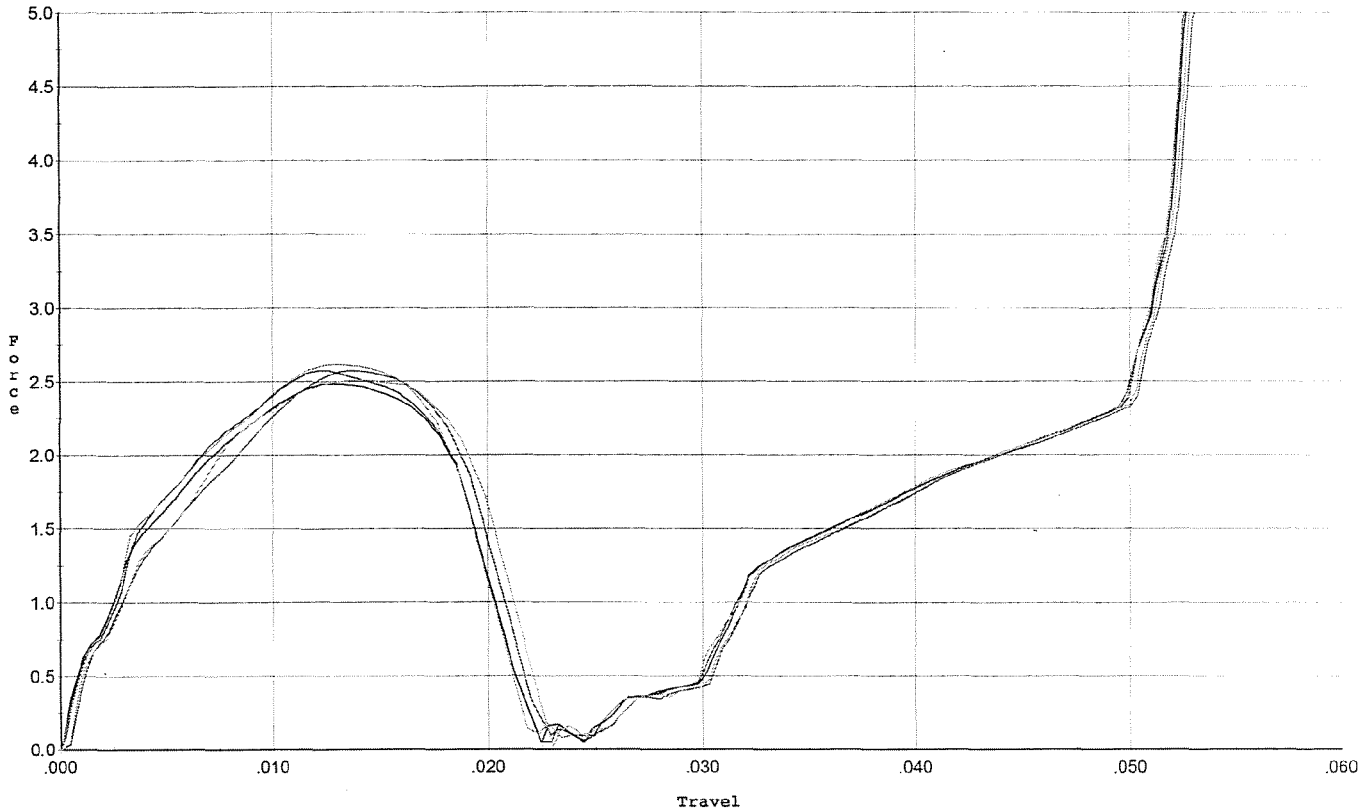
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-10-09	RTZ
505	RE-BARREL	6-11-09	RTZ
420	ASSEMBLE	6-11-09	RTZ
440	PROOF	6-11-09	S.P. [initials]
460	CHECK HEADSPACE	6-11-09	[initials]
470	DIS-ASSEMBLE GUN	6-11-09	[initials]
480	MAGNAFLUX	6-13-09	(N)
510	DRILL AND TAP	6-12-09	SP
500	ROLLMARK 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.



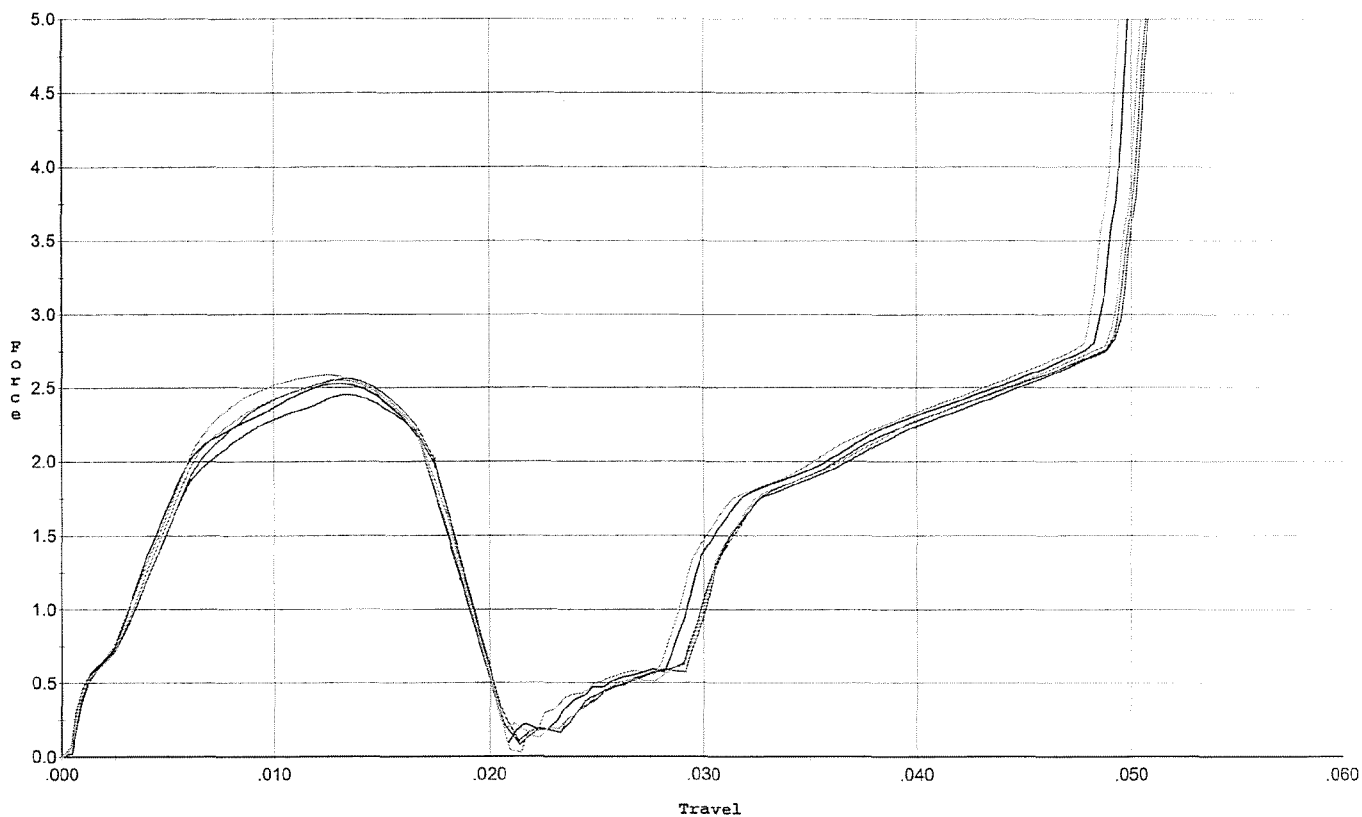
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.576	0.019	0.00	0.038	0.034		Set Trigger
2	2.486	0.019	0.00	0.038	0.033		Set Trigger
3	2.576	0.019	0.00	0.039	0.034		Set Trigger
4	2.510	0.020	0.00	0.038	0.035		Set Trigger
5	2.619	0.019	0.00	0.038	0.035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



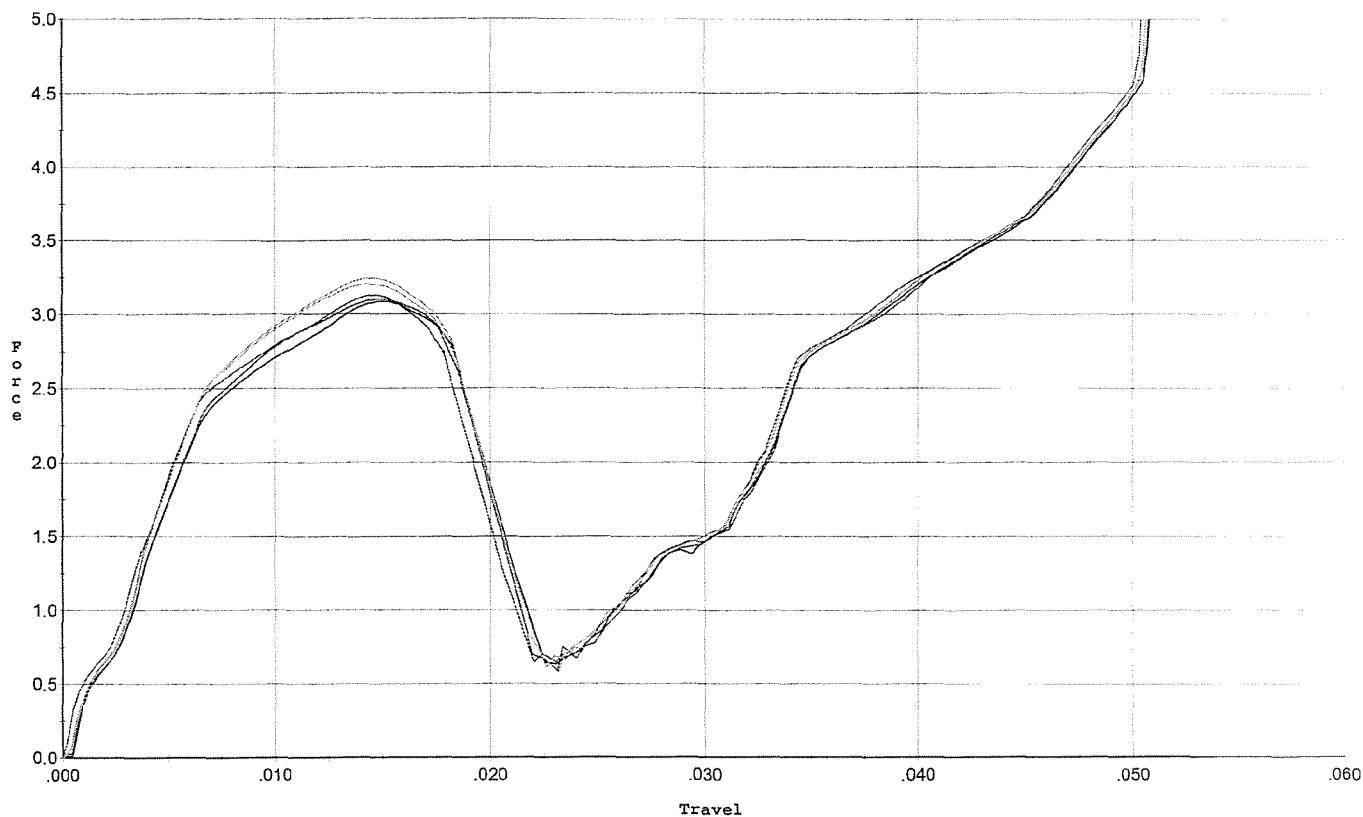
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.454	0.018	0.00	0.037	0.030		Set Trigger
2	2.529	0.019	0.00	0.036	0.033		Set Trigger
3	2.569	0.017	0.00	0.037	0.031		Set Trigger
4	2.558	0.018	0.00	0.036	0.032		Set Trigger
5	2.588	0.018	0.00	0.035	0.033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



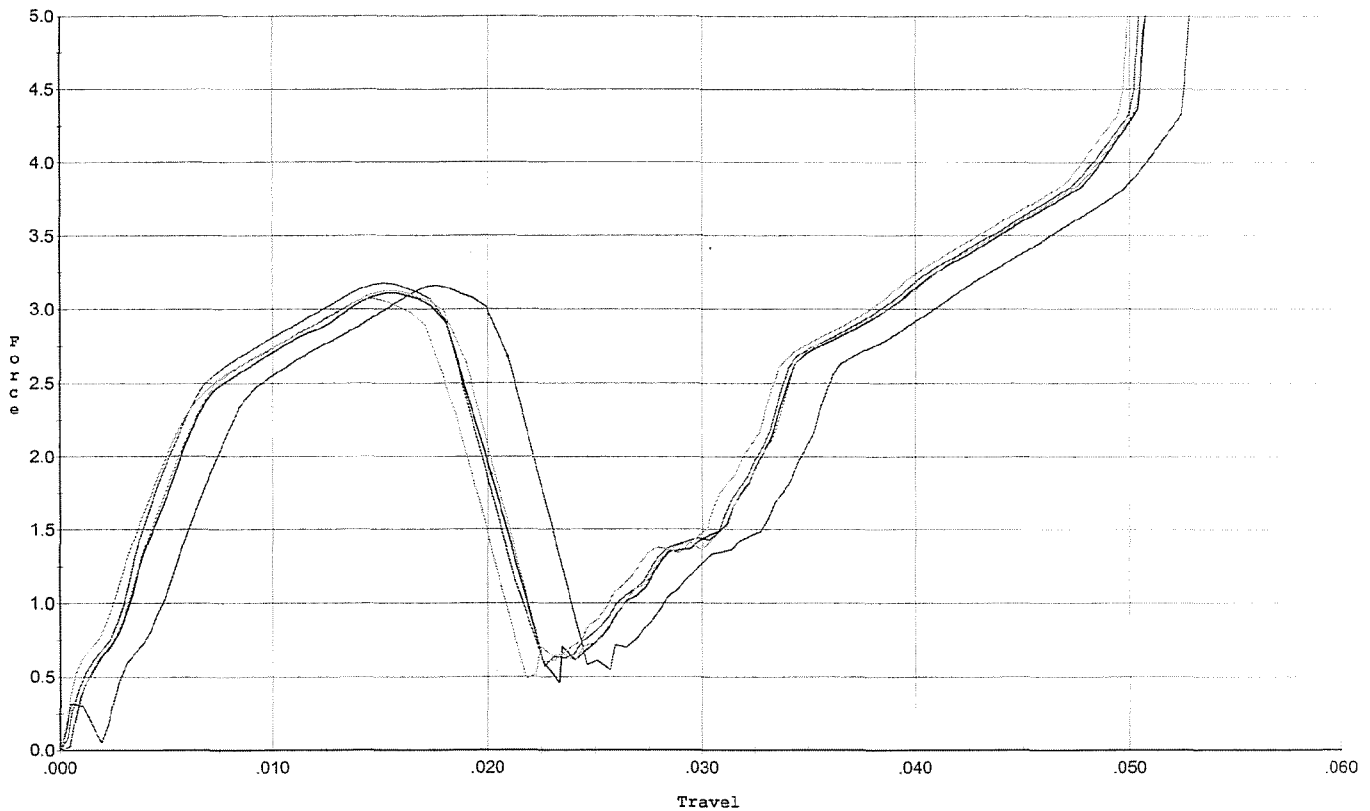
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.100	0.019	0.00	0.034	0.039		Set Trigger
2	3.086	0.018	0.00	0.034	0.038		Set Trigger
3	3.128	0.018	0.00	0.034	0.038		Set Trigger
4	3.201	0.018	0.00	0.034	0.040		Set Trigger
5	3.245	0.018	0.00	0.034	0.040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



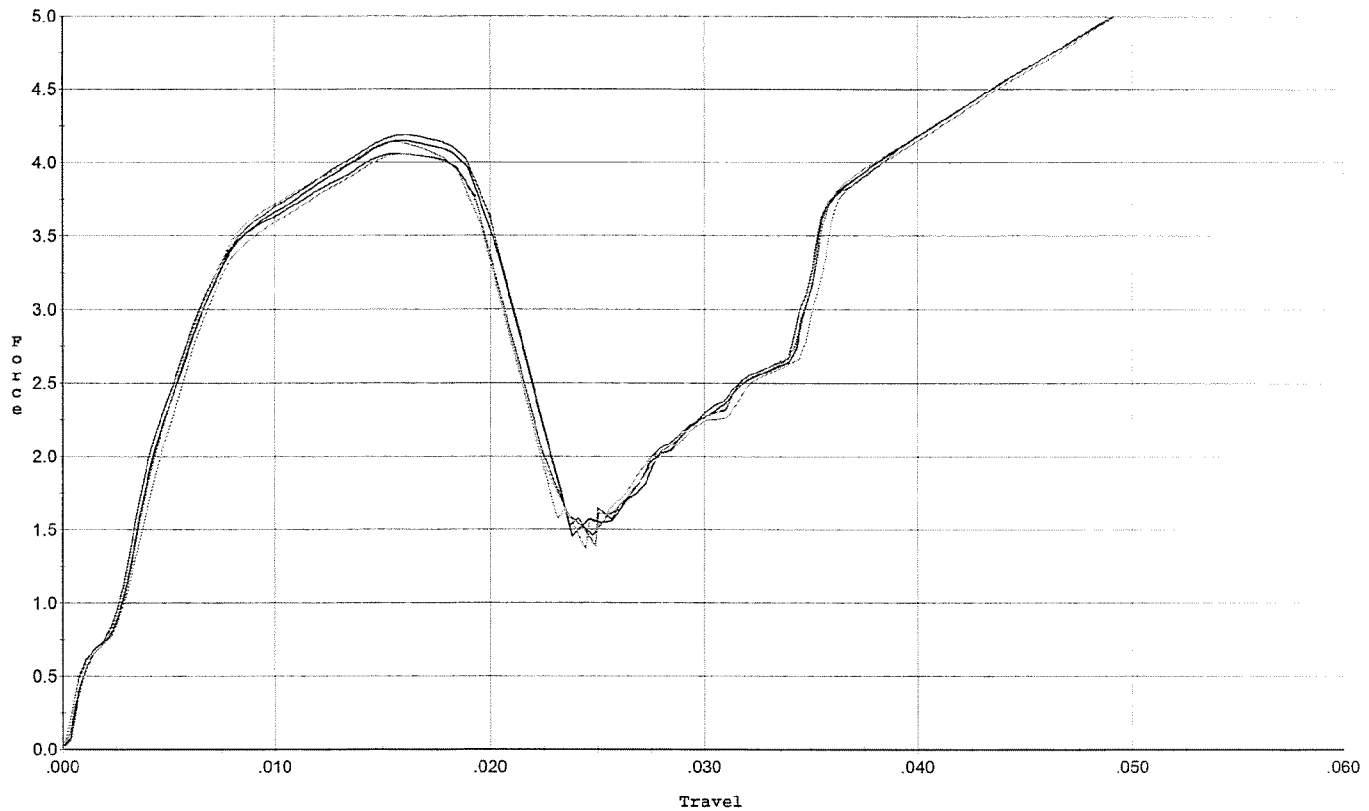
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.158	0.021	0.002	0.035	0.042		Set Trigger
2	3.108	0.020	0.00	0.034	0.042		Set Trigger
3	3.174	0.018	0.00	0.034	0.039		Set Trigger
4	3.123	0.019	0.00	0.034	0.040		Set Trigger
5	3.070	0.019	0.00	0.034	0.039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



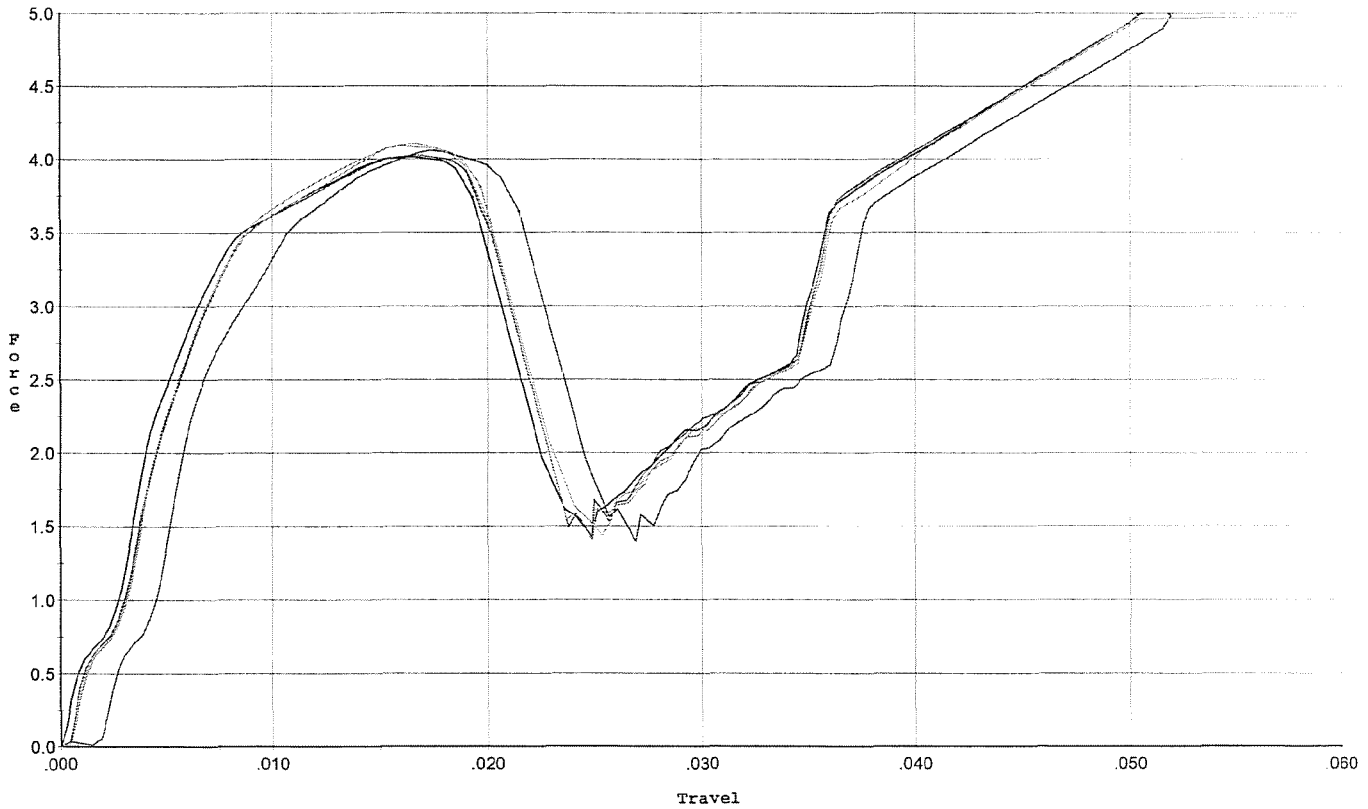
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.058	0.019	0.00	0.032	0.054		Set Trigger
2	4.147	0.020	0.00	0.031	0.057		Set Trigger
3	4.188	0.020	0.00	0.031	0.057		Set Trigger
4	4.057	0.019	0.00	0.032	0.053		Set Trigger
5	4.141	0.020	0.00	0.032	0.055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



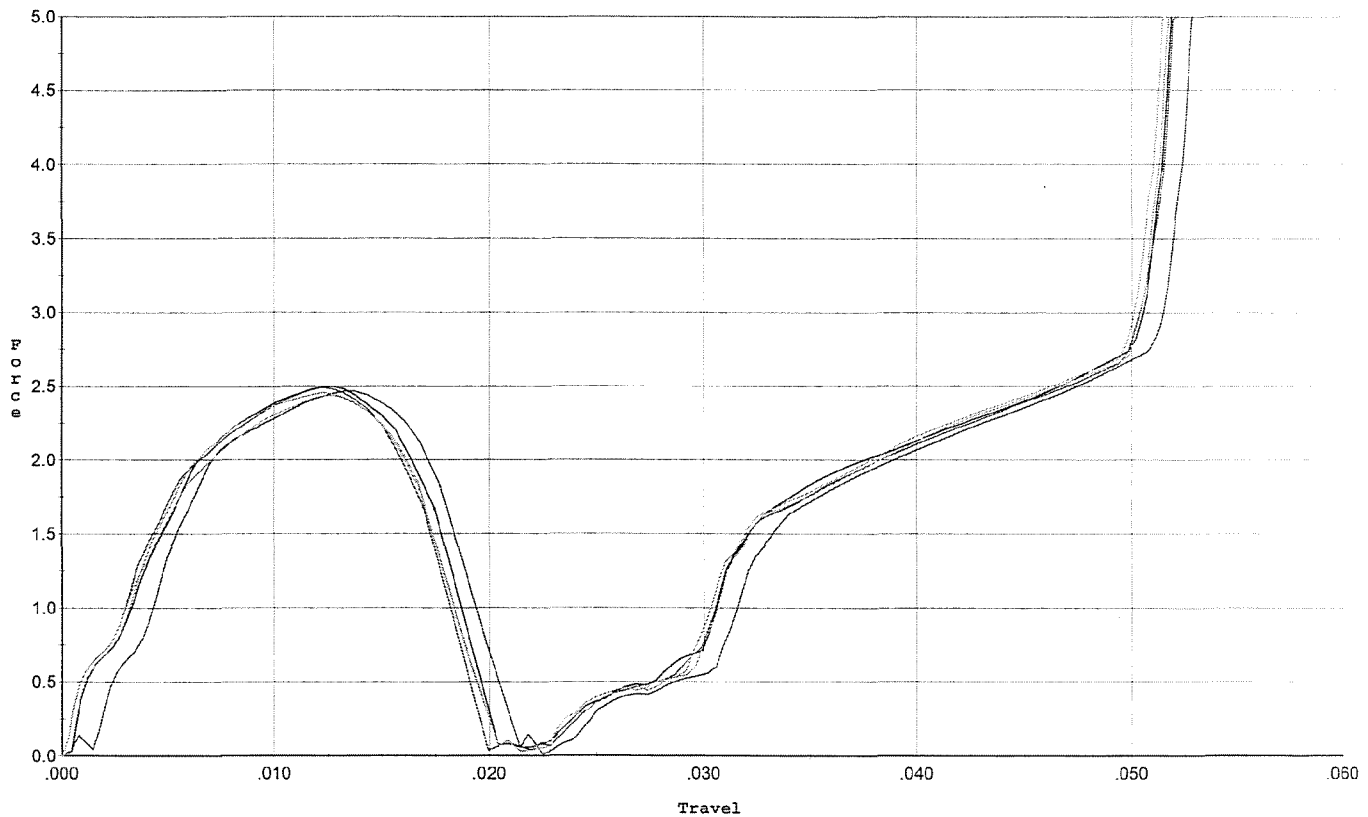
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.058	0.021	0.002	0.032	0.056		Set Trigger
2	4.014	0.019	0.00	0.032	0.054		Set Trigger
3	4.026	0.020	0.00	0.032	0.056		Set Trigger
4	4.104	0.020	0.00	0.032	0.054		Set Trigger
5	4.091	0.020	0.00	0.032	0.055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



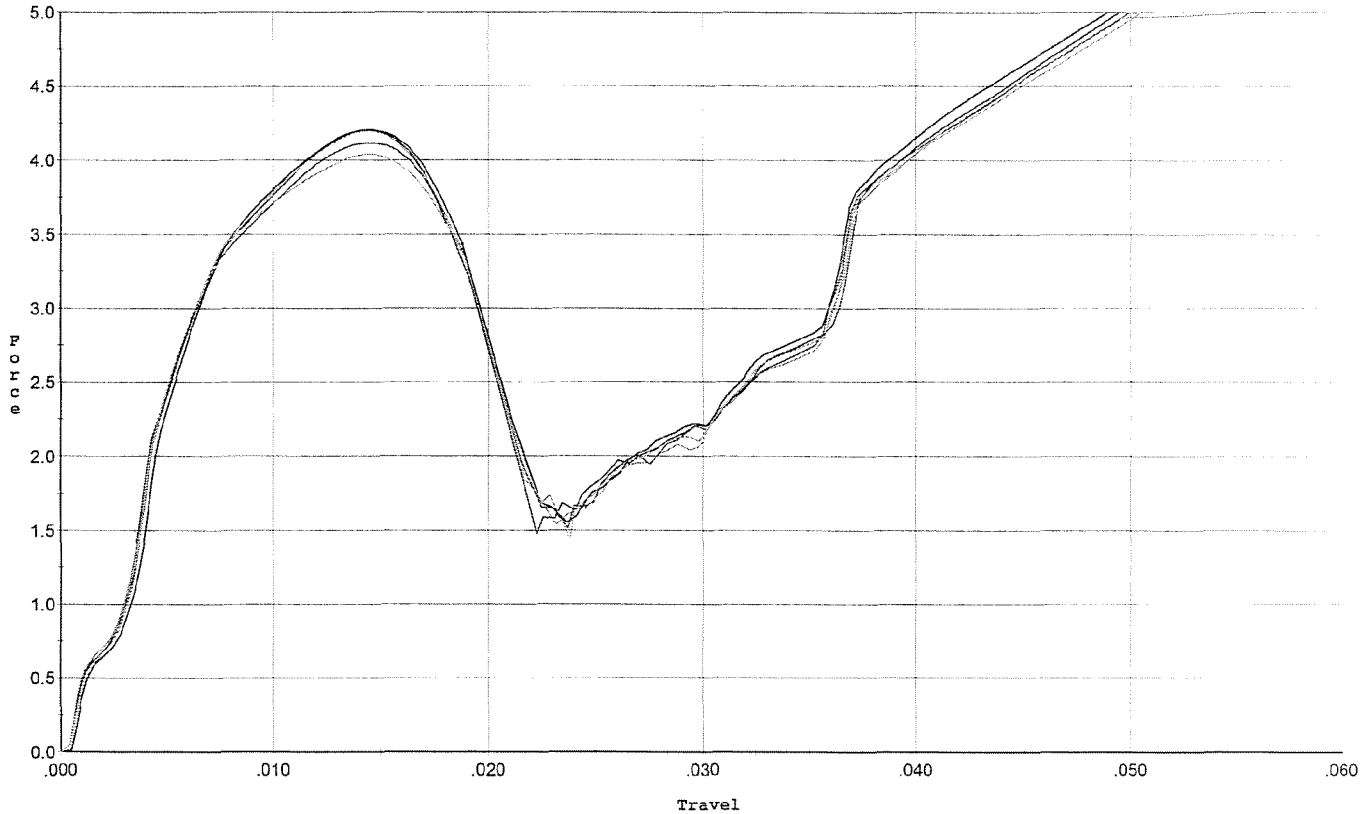
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.466	0.018	0.00	0.039	0.029		Set Trigger
2	2.497	0.017	0.00	0.038	0.030		Set Trigger
3	2.488	0.017	0.00	0.039	0.029		Set Trigger
4	2.435	0.017	0.00	0.038	0.028		Set Trigger
5	2.455	0.017	0.00	0.039	0.028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

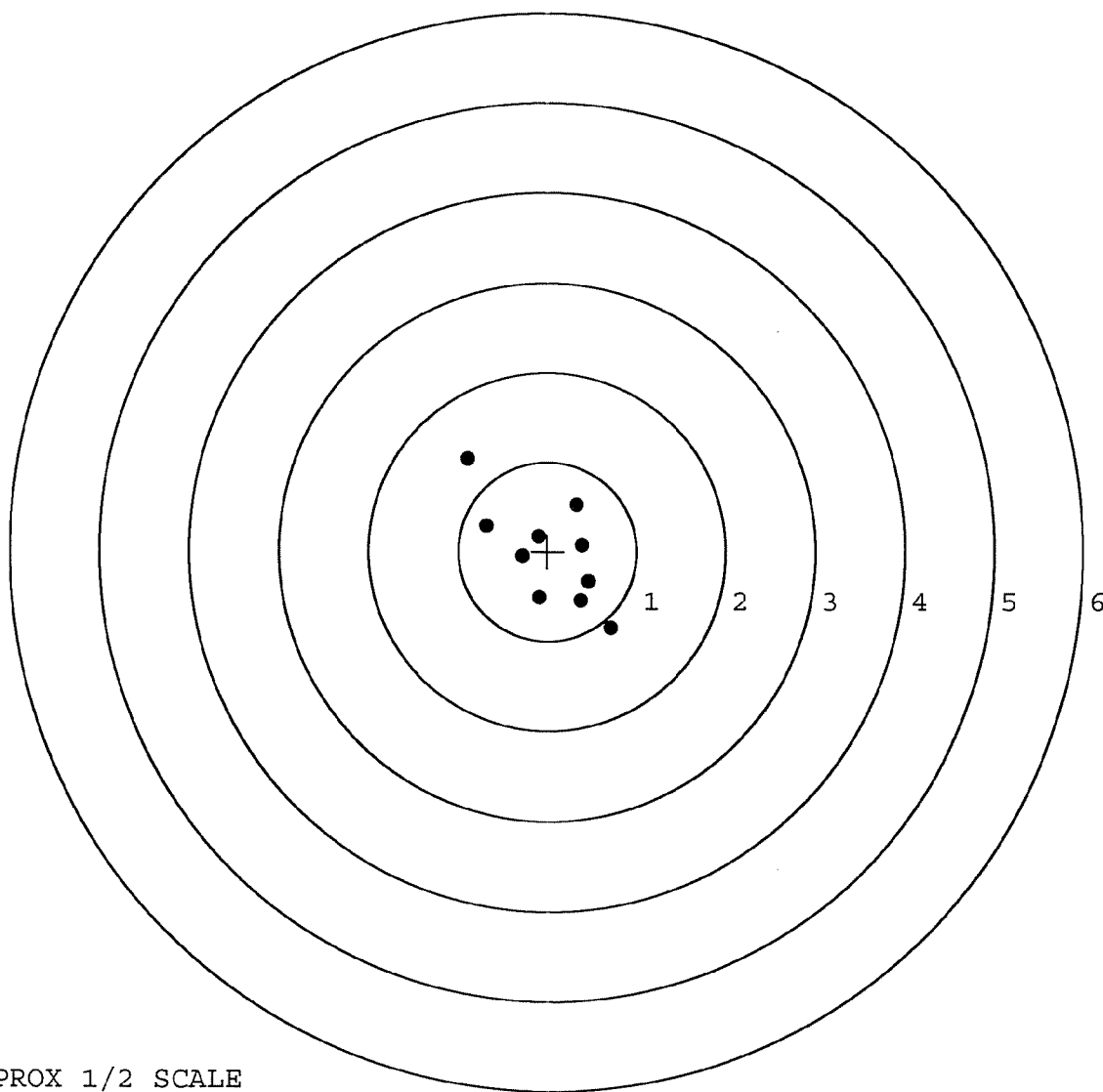
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

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



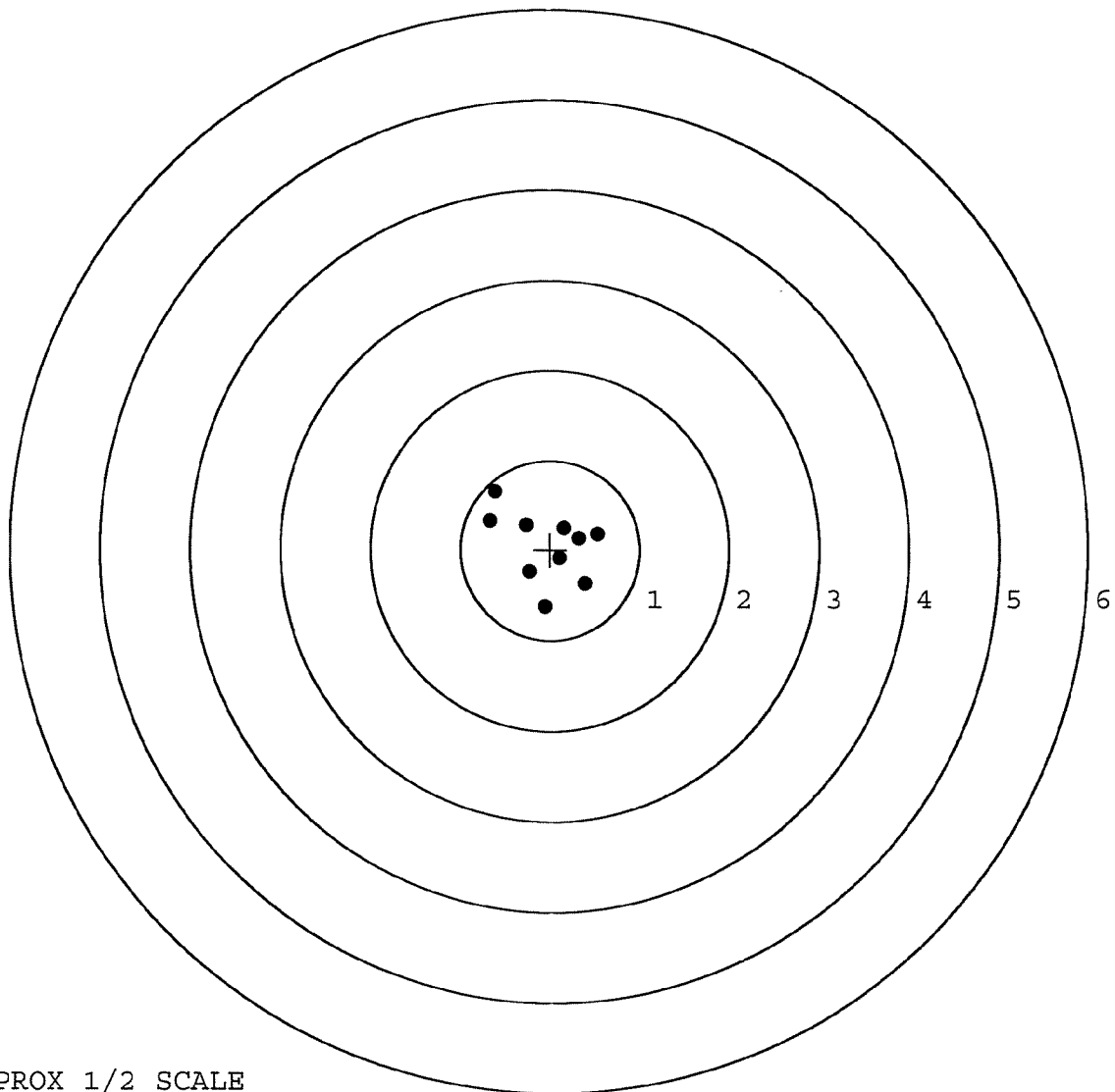
TARGET APPROX 1/2 SCALE

BARBER - M24 0063855

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

BARBER - M24 0063856

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

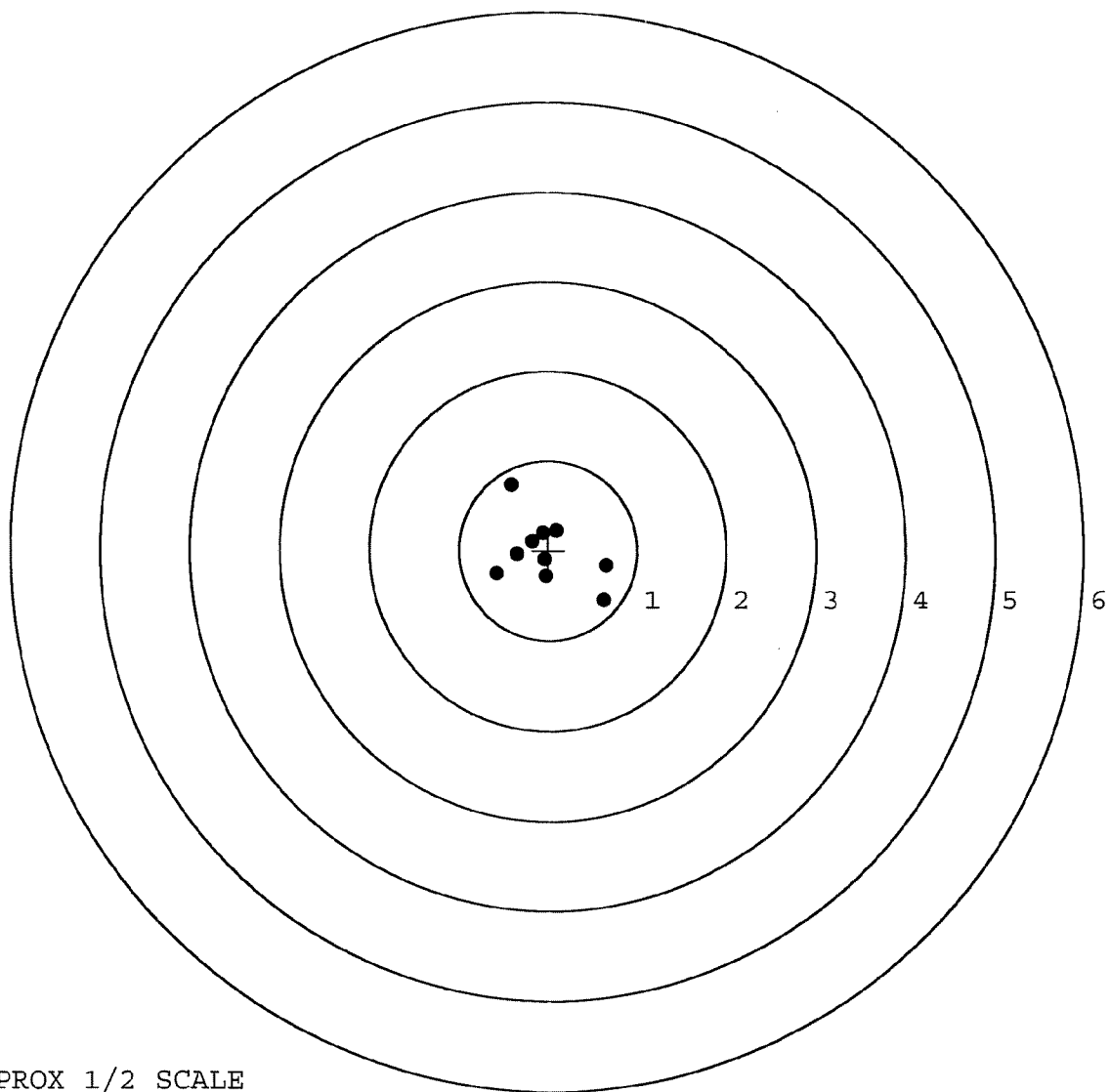
MAX RADIUS: 0.850

MEAN RADIUS: 0.436

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

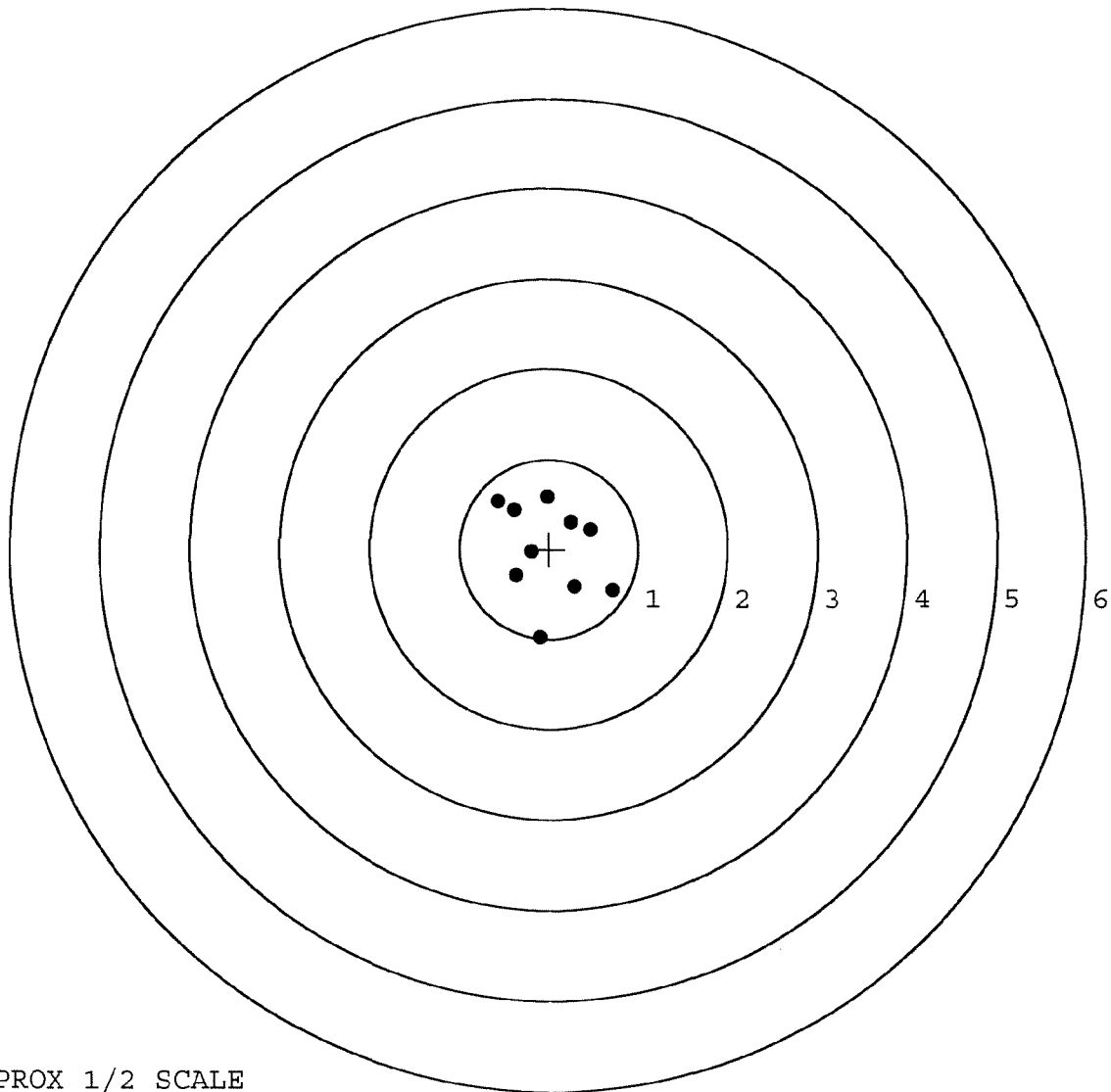


TARGET APPROX 1/2 SCALE

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

BARBER - M24 0063858

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

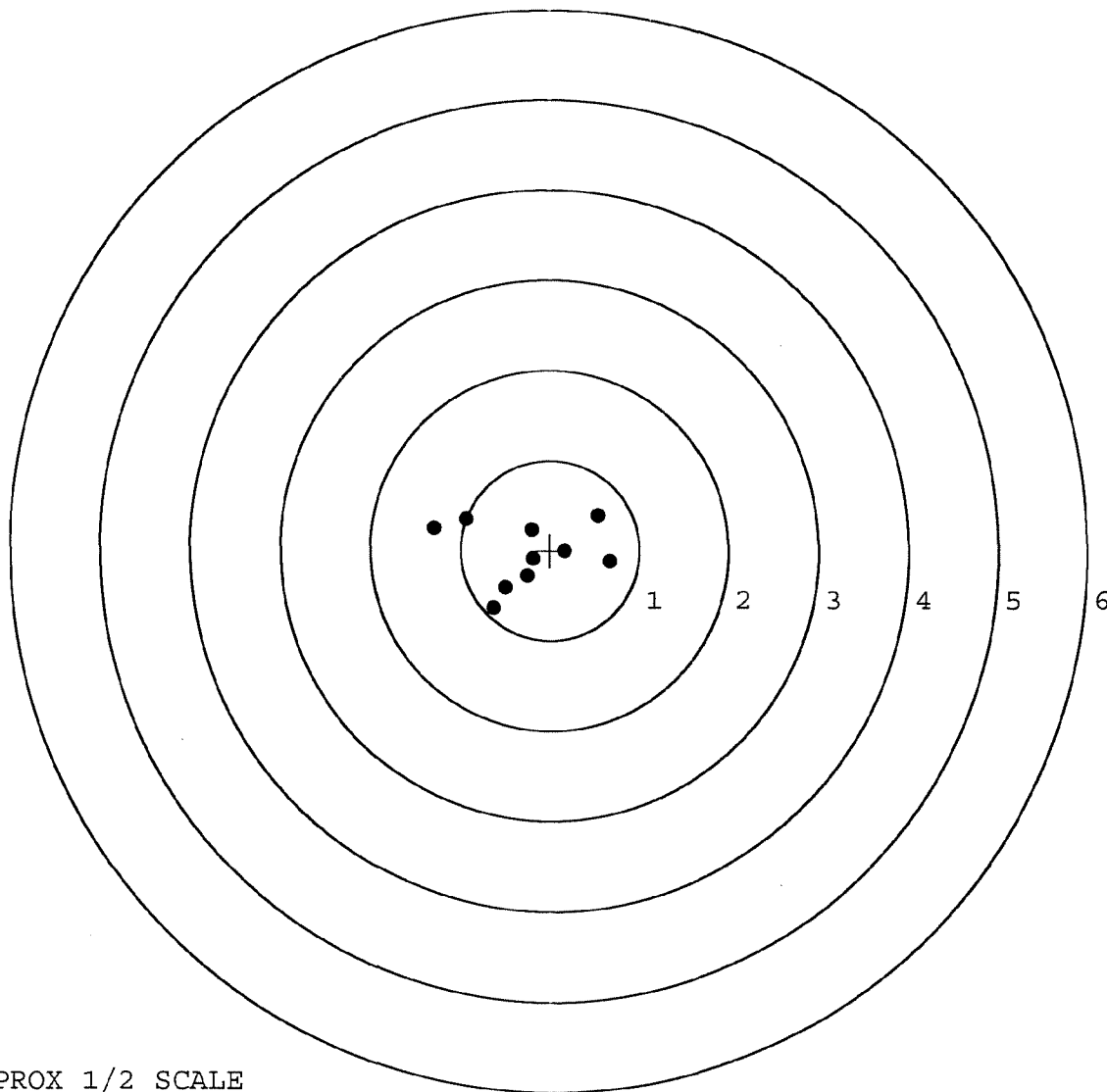
MAX RADIUS: 1.061

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 (SW9)** 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

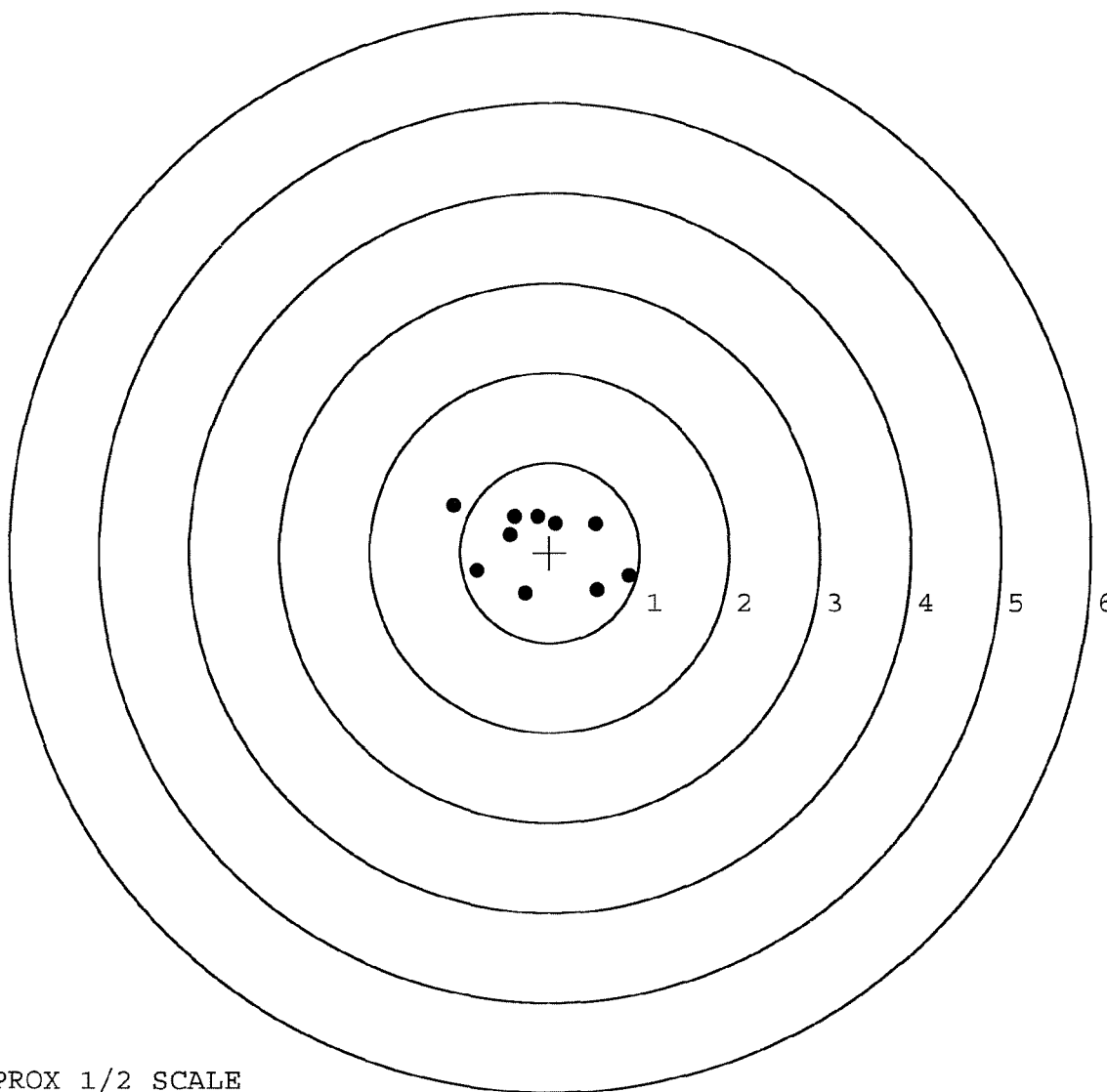
MAX RADIUS: 1.056

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

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

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

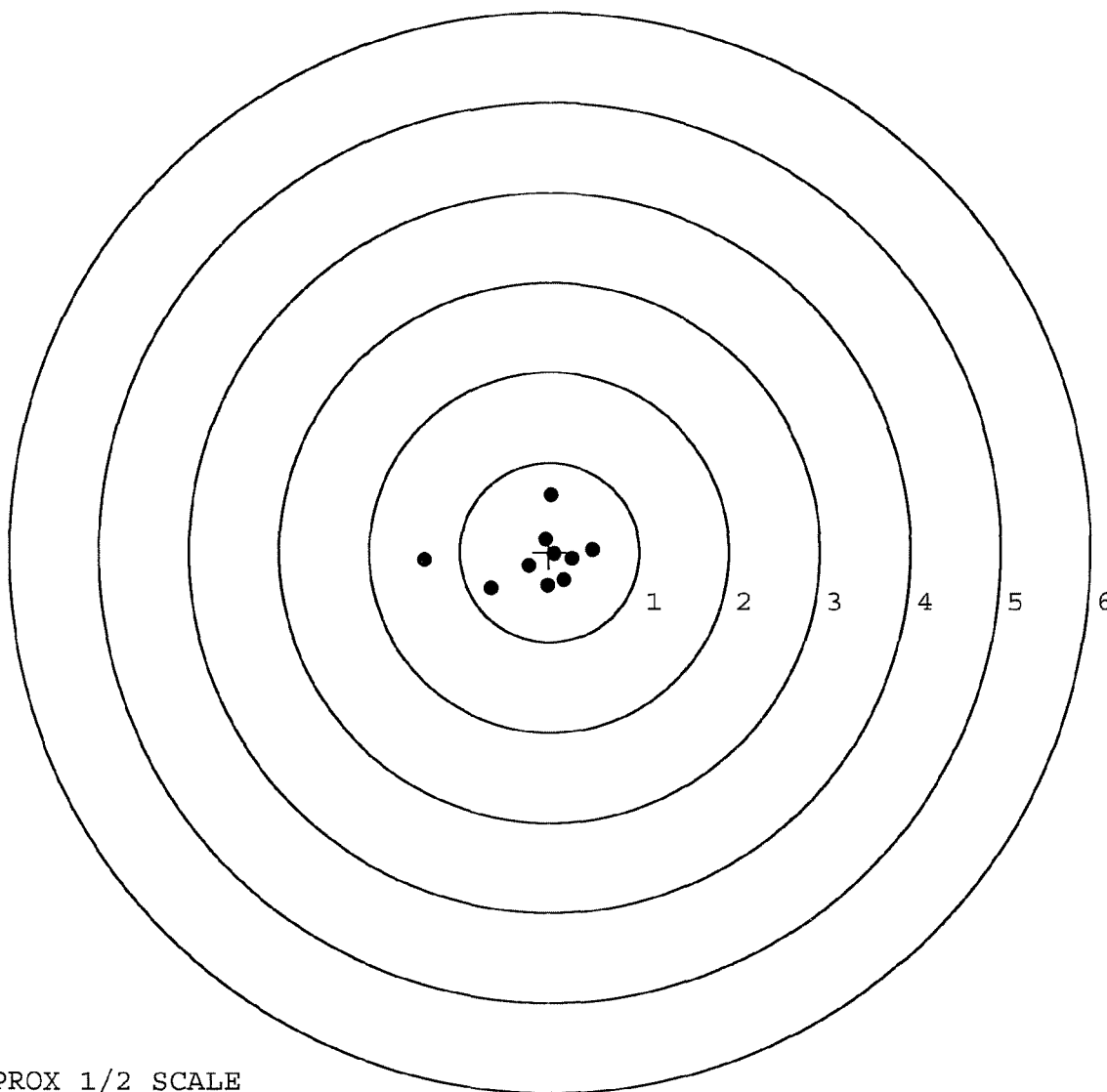
MAX RADIUS: 1.251

MEAN RADIUS: 0.489

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10



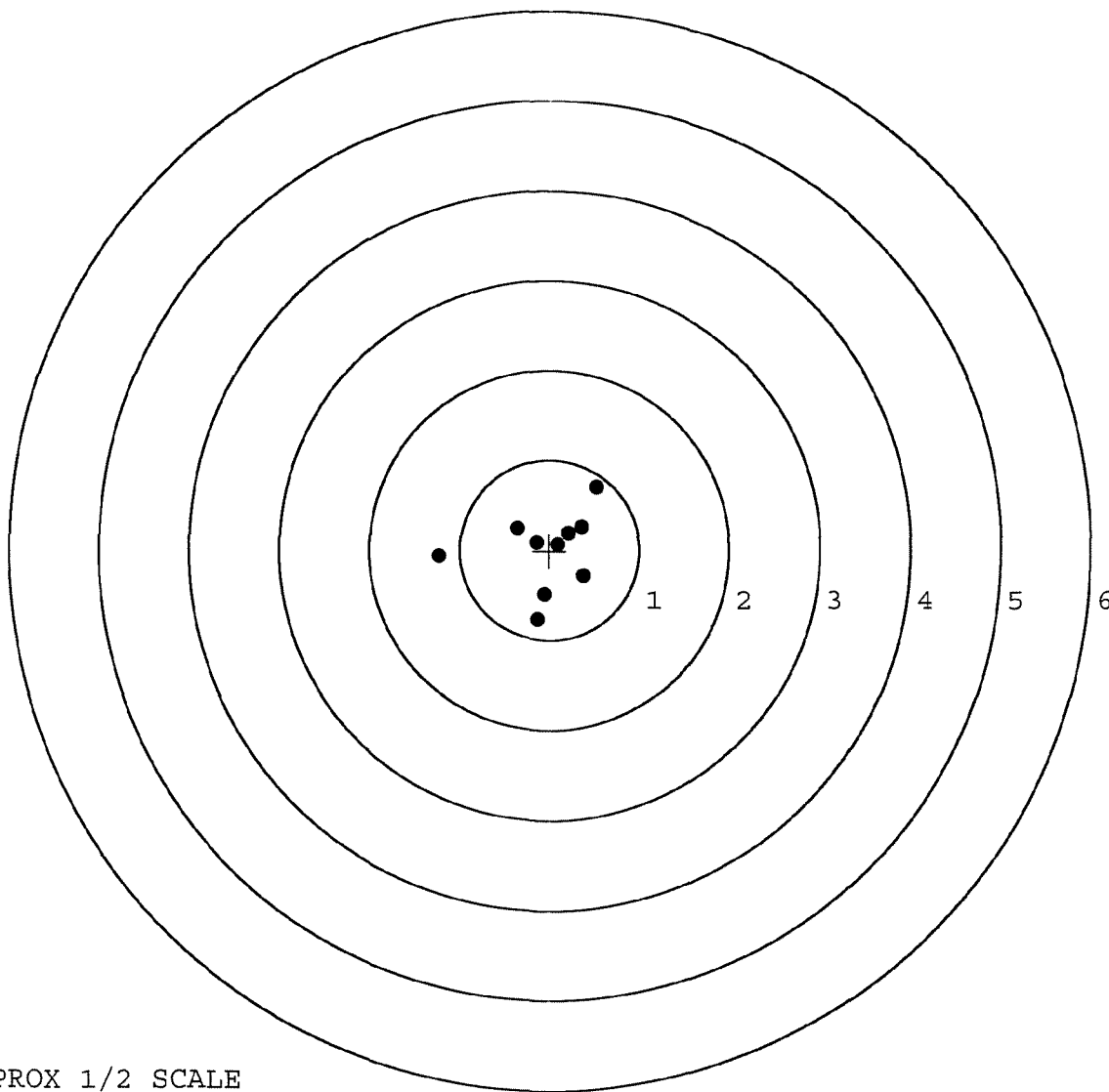
TARGET APPROX 1/2 SCALE

BARBER - M24 0063863

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



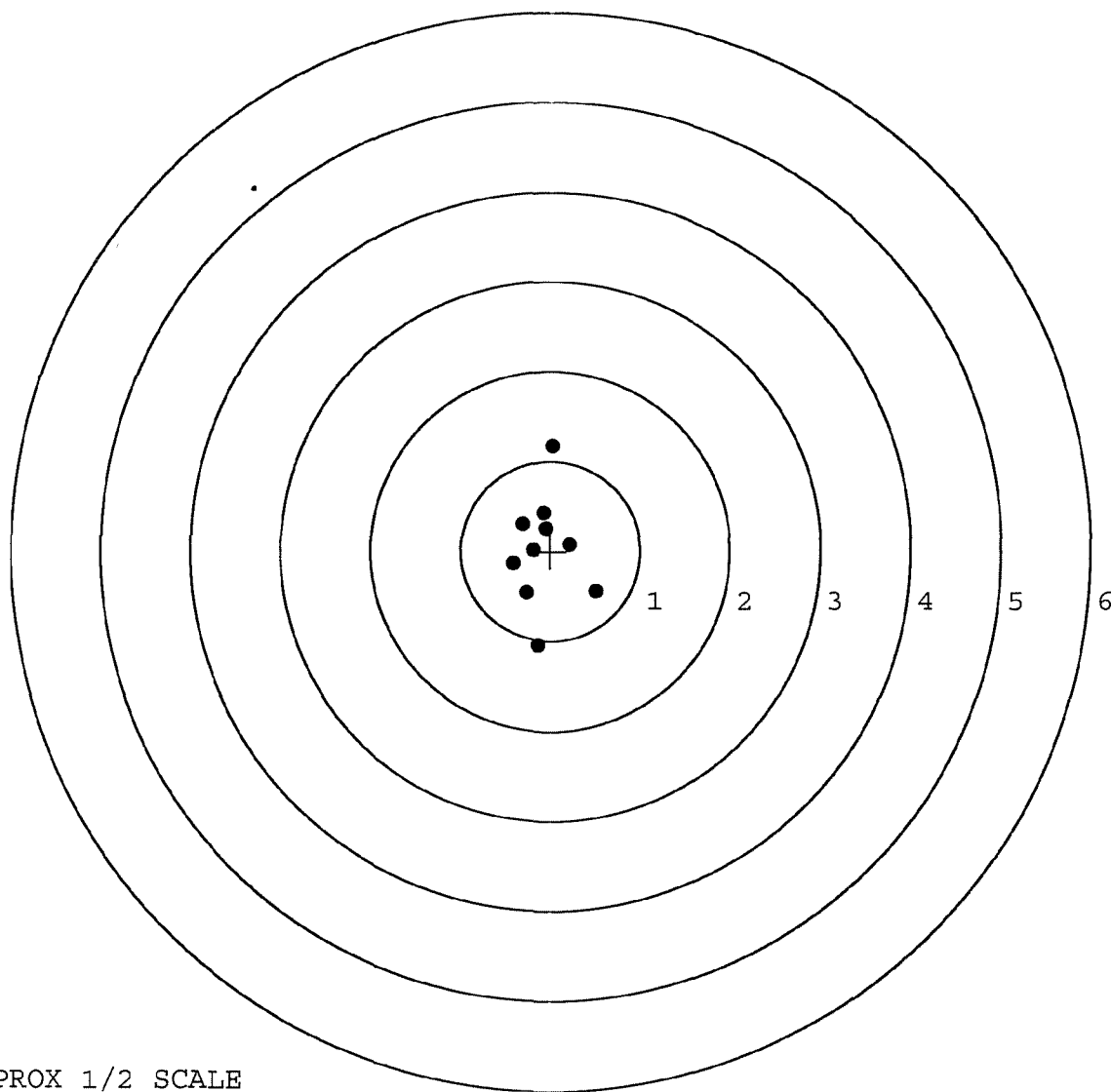
TARGET APPROX 1/2 SCALE

BARBER - M24 0063864

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



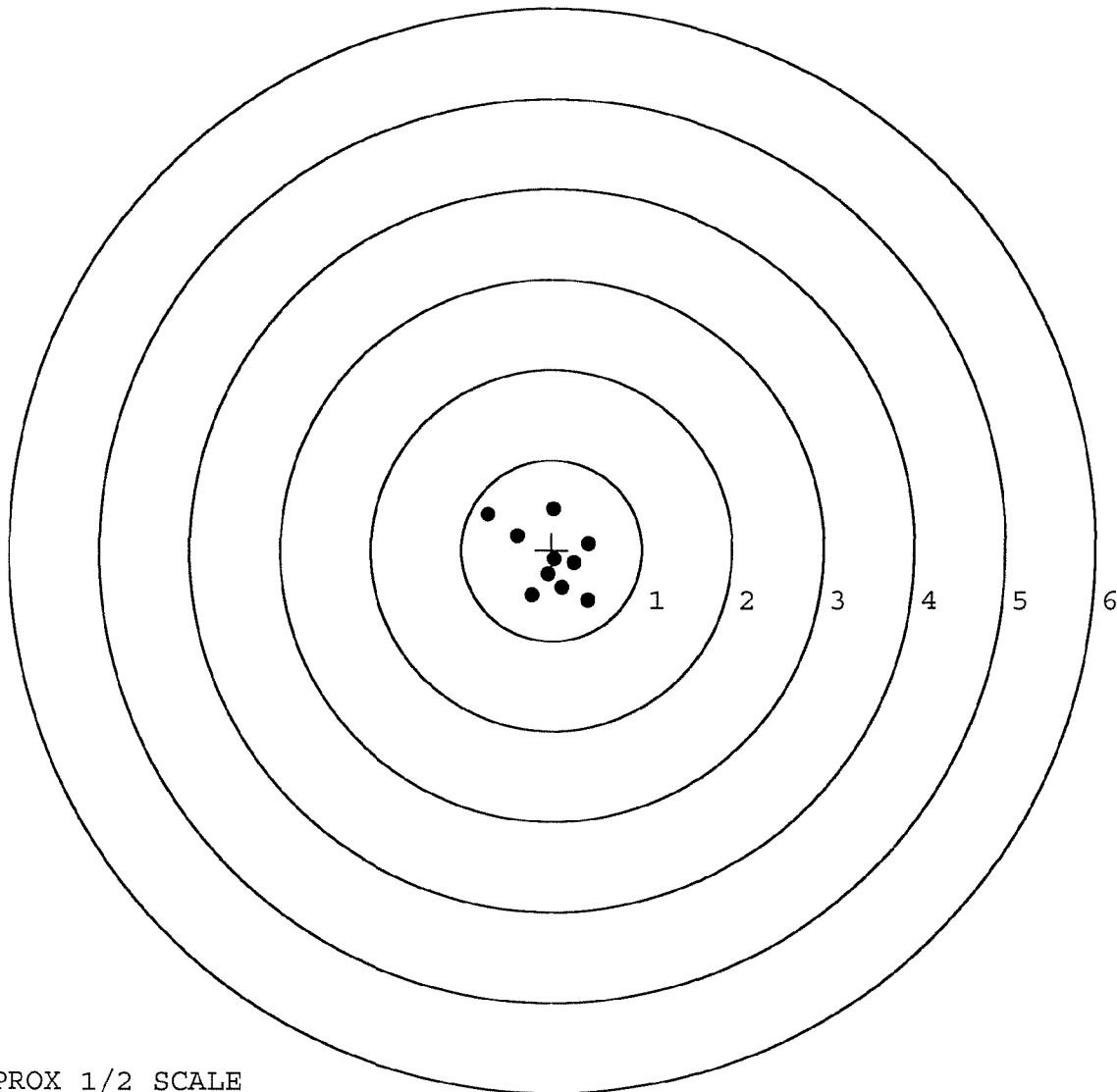
TARGET APPROX 1/2 SCALE

BARBER - M24 0063865

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		
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	RA
		SHIP DATE	
		QAR INSPECTION DATE	

RECEIVED BARBER M24 10063906

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

BARBER - M24 10063906

RD-6947-Rev 3

PAYMENT:

Mastercard / Visa (circle one)

Card #:

Exp. Date:

Signature

RETURN:

☐ Clark Street Entrance☐ Via US Mail or UPS

(PLEASE PRINT CLEARLY)

FIREARMS DELIVERED TO PLANT

FILE

Nº 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 02		PD AUTHENTICATION <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)					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 ☒ 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 82111 (M)			B. LOCATION 1047 (R1)			C. UNIT IDENT CODE WH01.00			
2. SERIAL NO. 4-122		3. NOUN NOMENCLATURE 1047 (R1)			4. LINE NO. 1047		5. MODEL 1047		6. NATIONAL STOCK NUMBER 1047		
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, it was determined that the unit was beyond repair.											
B. REMARKS REPAIRS NOT COMPLETED. UNIT IS BEING REPAIRED.											
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 # 06348782
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

+ 24 <----POA

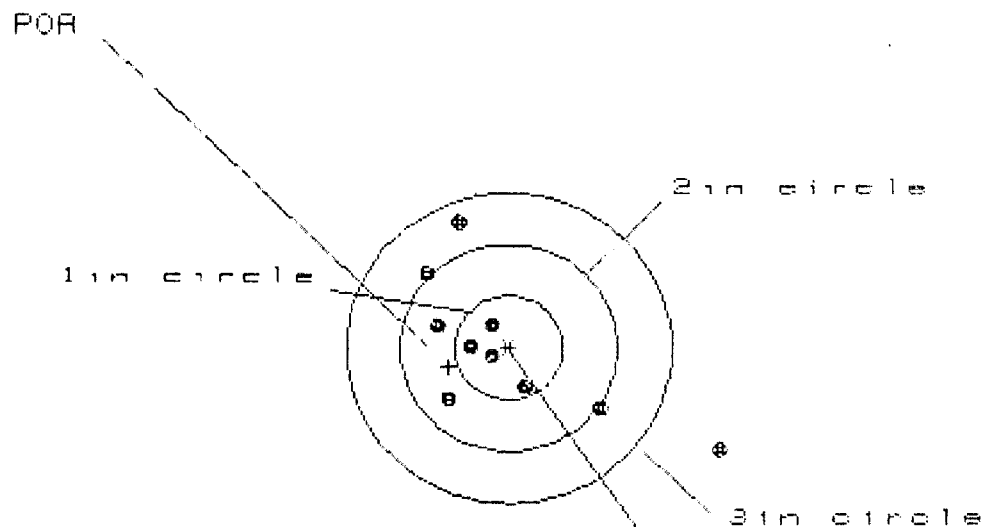
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3018
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .25
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .415441
THE AMR FOR THIS RIFLE IS: .9086

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

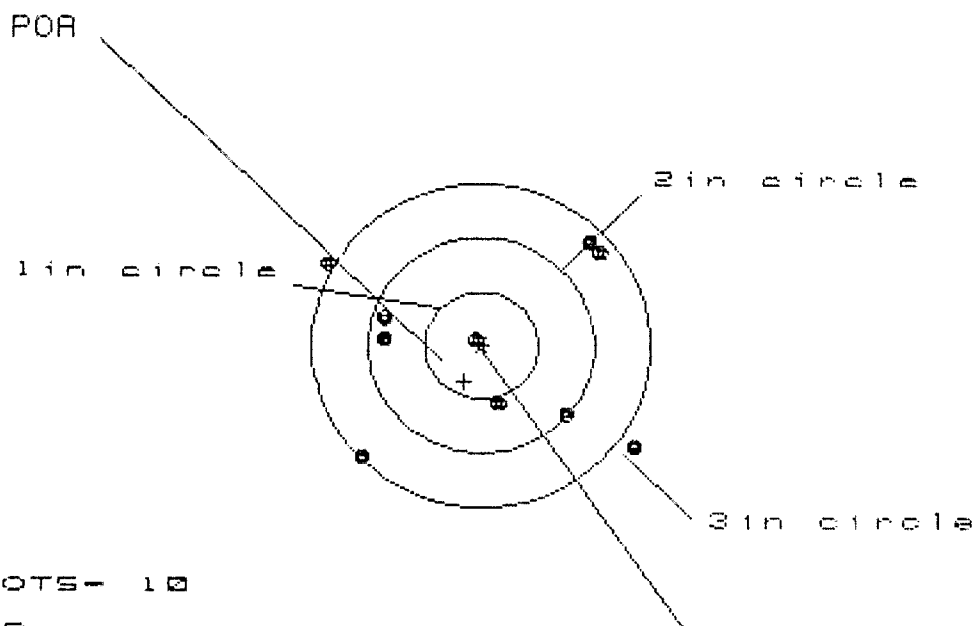
CENTROID #

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		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

19 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/063487B2

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

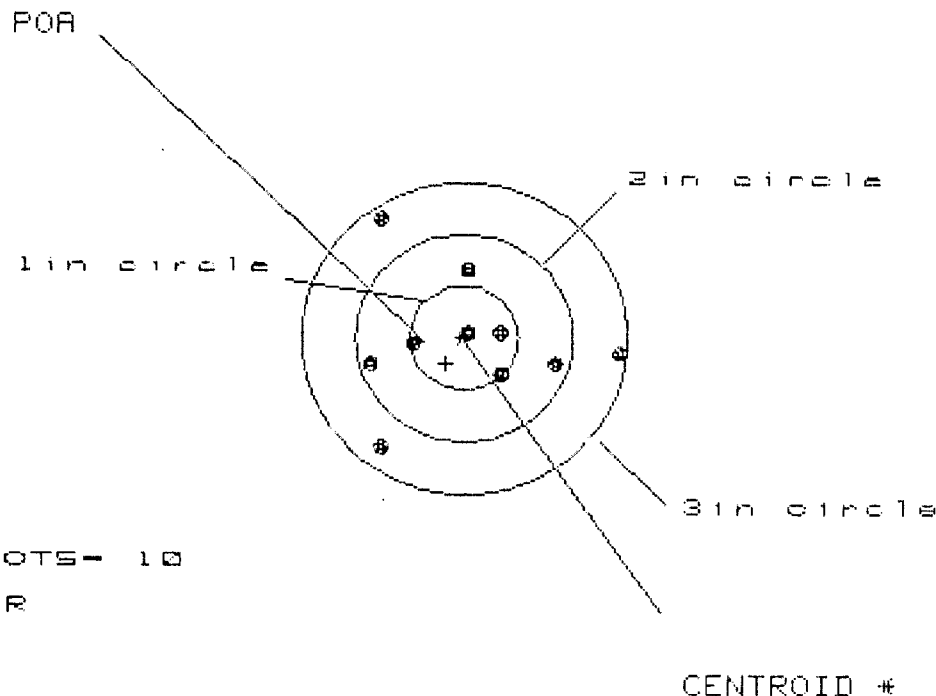
CENTROID #

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

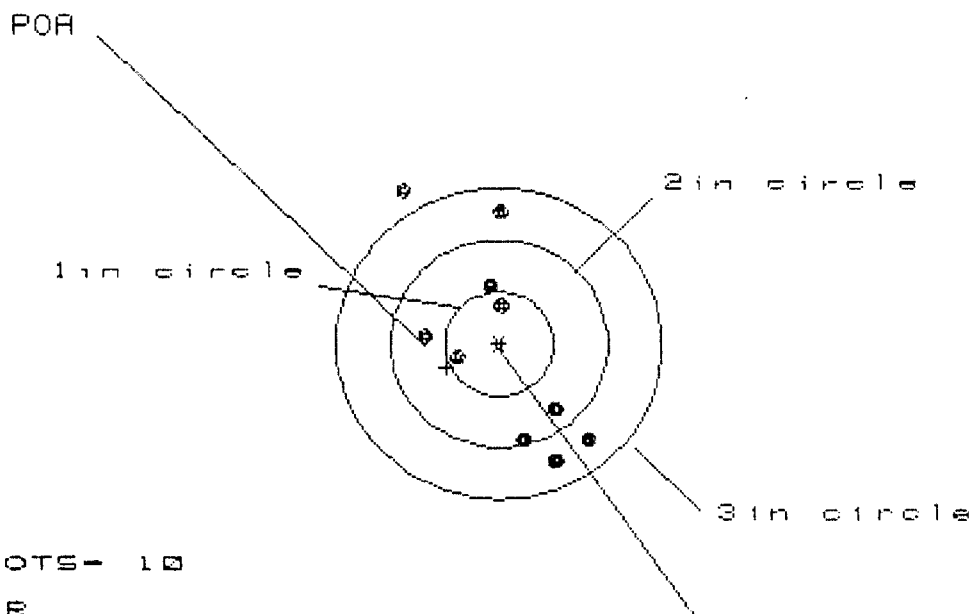
PATTERN #	:	731		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.385	1.301	.895
MINIMUM X	:	-.896	-.980	-.817
MAXIMUM Y	:	1.195	.814	.808
MINIMUM Y	:	-1.086	-.953	-.959
CENTROID X	:	.165	.249	.086
CENTROID Y	:	.244	.111	.117
POA TO CENTROID in.	:	.295	.272	.145
MIN RADIUS	:	.093	.199	.241
MEAN RADIUS	:	.790	.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 1968

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

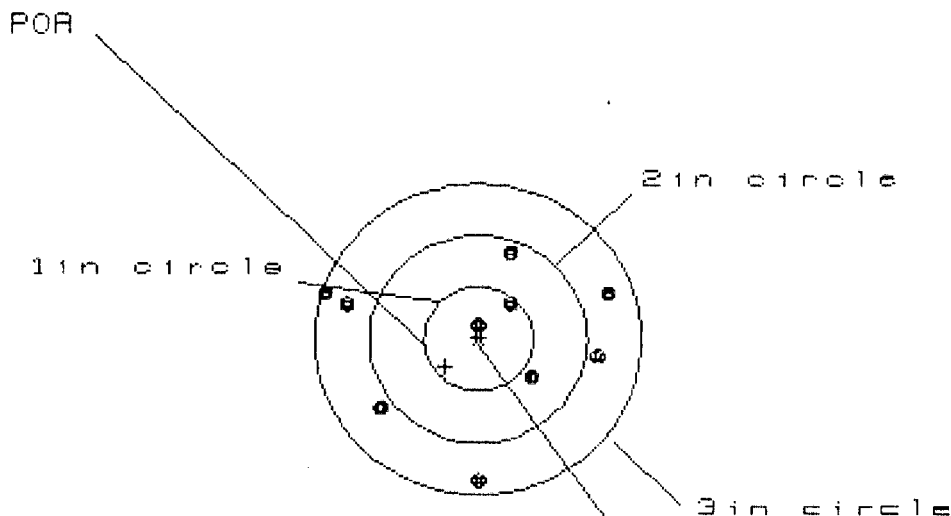
CENTROID *

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 1908

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	9	8
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
POA 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

Barrel

CONTRACT # DAAA09-92-C-0834

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

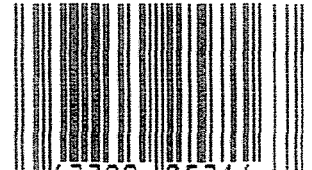
Comments:

Remington		DU PONT REG. U.S. PAT. & TM. OFF.	VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700™ H24		SERIAL NO. C6348782	ORDER NO. 5716
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.			



5716 C6348782

UPC



0 47700 25716 7

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. #	BARBER - M24 0063881 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

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

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

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	2	3
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	

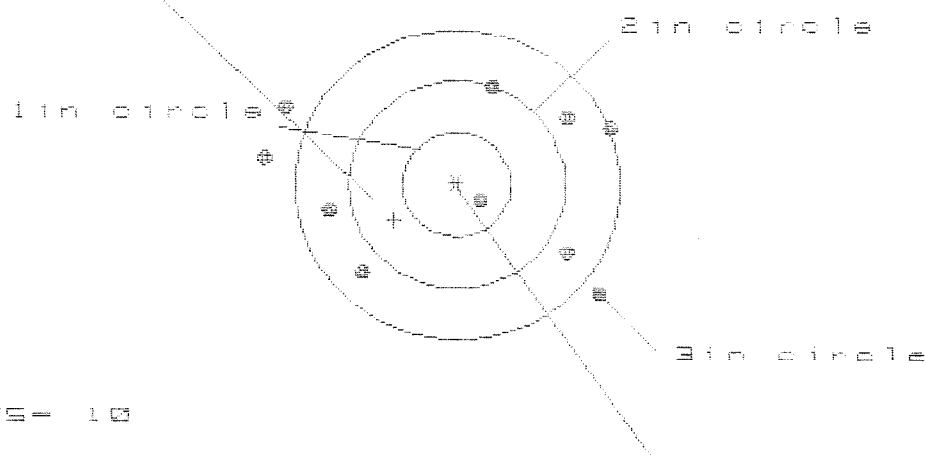
16 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8348782

CENTERFIRE PATTERNS

2

POR



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

FOR

1 in circle

2 in circle

3 in circle

CENTROID *

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

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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	.978
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		

16 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	