

C6348825

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00169246

Serial: C6348825 Model: M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 6/8/2009 11:24:06 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: NN

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

Repair Search

Refresh

Close

naglej

6/8/2009

12:03 PM

CAPS

NUM

INS

SERL



Serial Number: C6348825

Model: M24 SWS



RE00169246

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

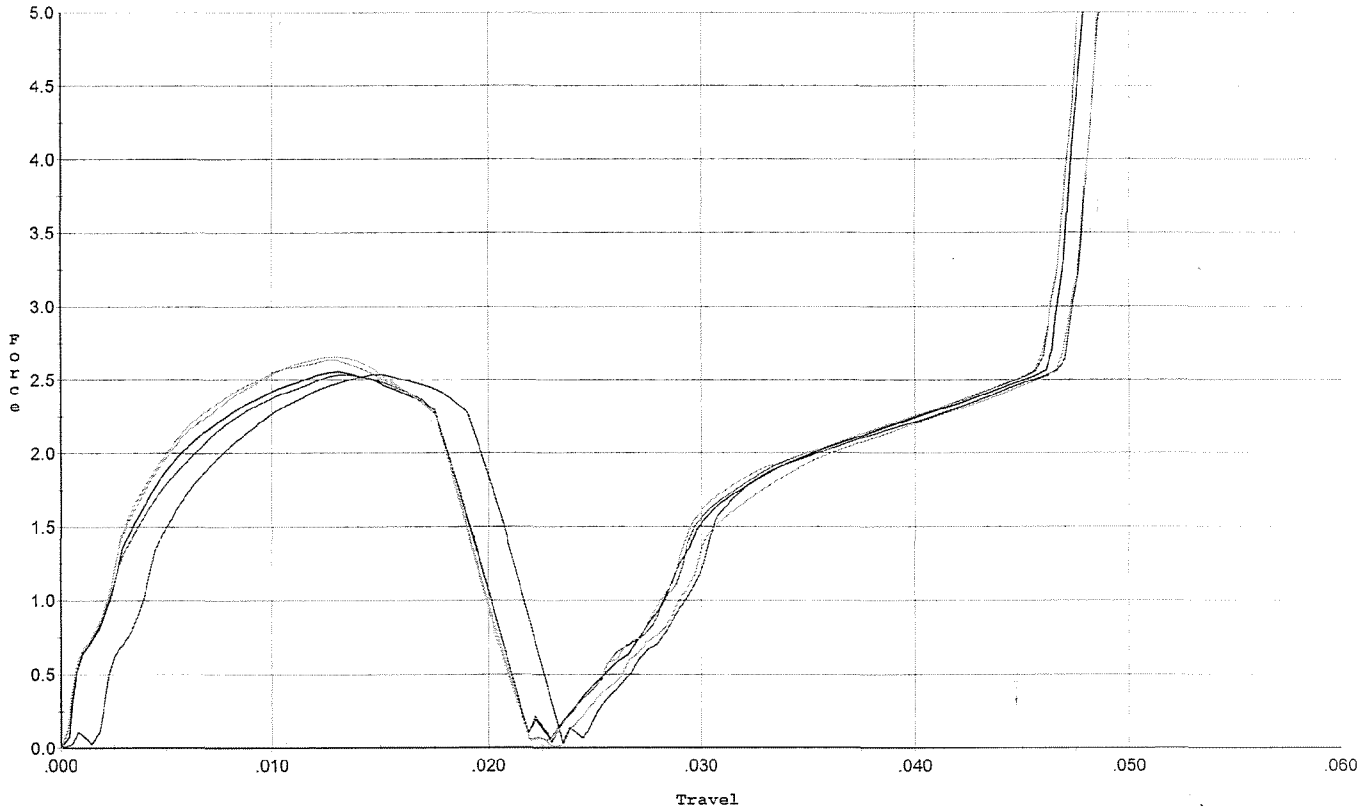
OPERATION #	OPERATION NAME	DATE	INITIAL
R & E NUMBER	169246		
SERIAL NUMBER	C6348825		
LOG-IN DATE	6-8-09		
500	DIS-ASSEMBLE GUN	6-20-09	RTZ
505	RE-BARREL	6-11-09	RTZ
420	ASSEMBLE	6-11-09	RTZ
440	PROOF	6-11-09	RTZ
460	CHECK HEADSPACE	6-11-09	RTZ
470	DIS-ASSEMBLE GUN	6-11-09	RTZ
480	MAGNAFLUX	6-13-09	RTZ
510	DRILL AND TAP	6-12-09	RTZ
500	ROLLMARK CALIBER	6-16-09	RTZ
520	GOFF BLAST BBL / REC	6-16-09	RTZ
530 & 540	APPLY COATINGS	6-17-09	RTZ
560	FINAL ASSEMBLY	6-18-09	RTZ
640	FUNCTION TEST AND	6-18-09	RTZ
650	TARGET	6-18-09	RTZ
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	6-19-09	RTZ
	A) HEADSPACE	6-23-09	RTZ
	B) TRIGGER PULL	250 253 262 257 263 6-23-09	RTZ
680	F) SAFETY ON FORCE	40 40 40 6-23-09	RTZ
	G) SAFETY OFF FORCE	50 50 50 6-23-09	RTZ
	I) FIRING PIN INDENT	.020 .021 .021 6-23-09	RTZ
690	PACK	6-23-09	RTZ

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.



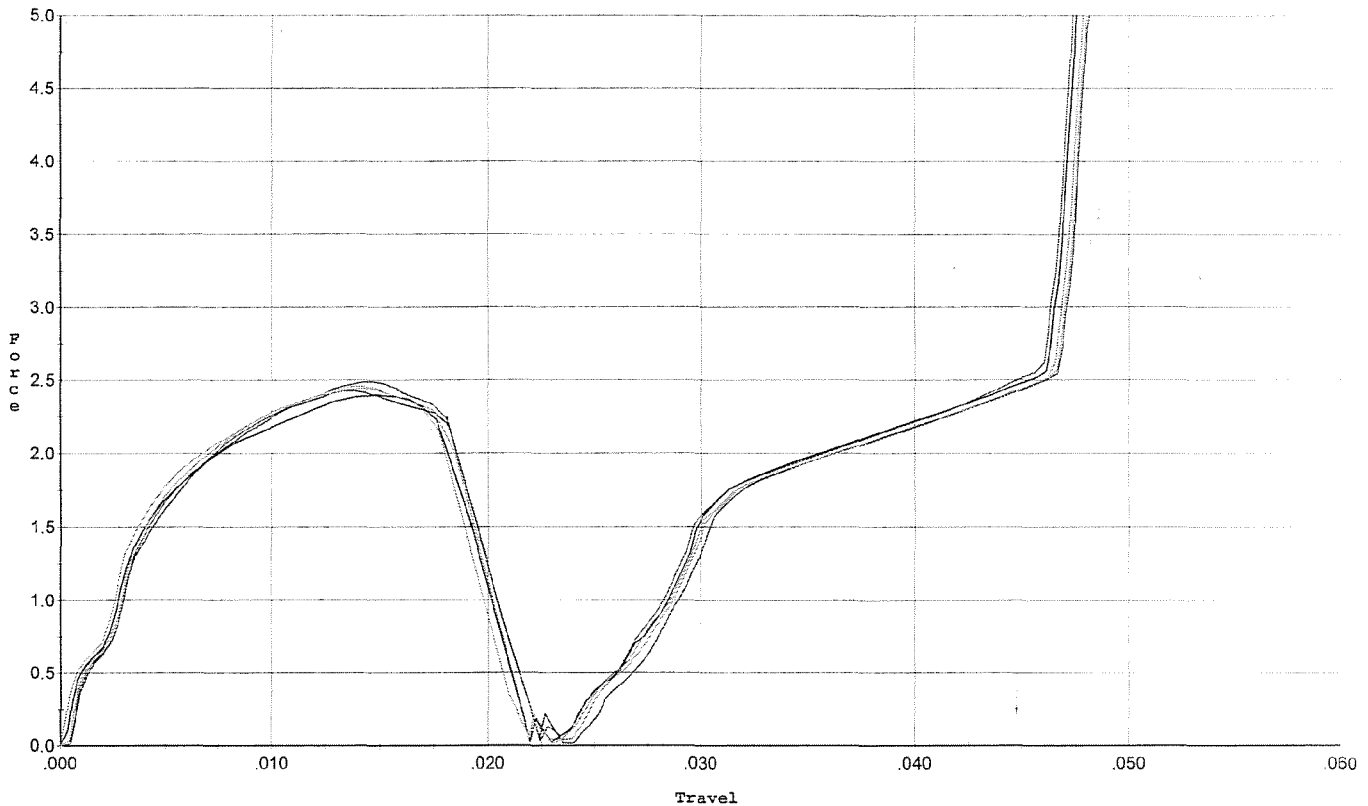
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.536	0.021	0.00	0.033	0.036		Set Trigger
2	2.555	0.019	0.00	0.033	0.036		Set Trigger
3	2.536	0.019	0.00	0.033	0.036		Set Trigger
4	2.656	0.018	0.00	0.034	0.034		Set Trigger
5	2.637	0.018	0.00	0.034	0.034		Set Trigger

Avg 2.58

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.



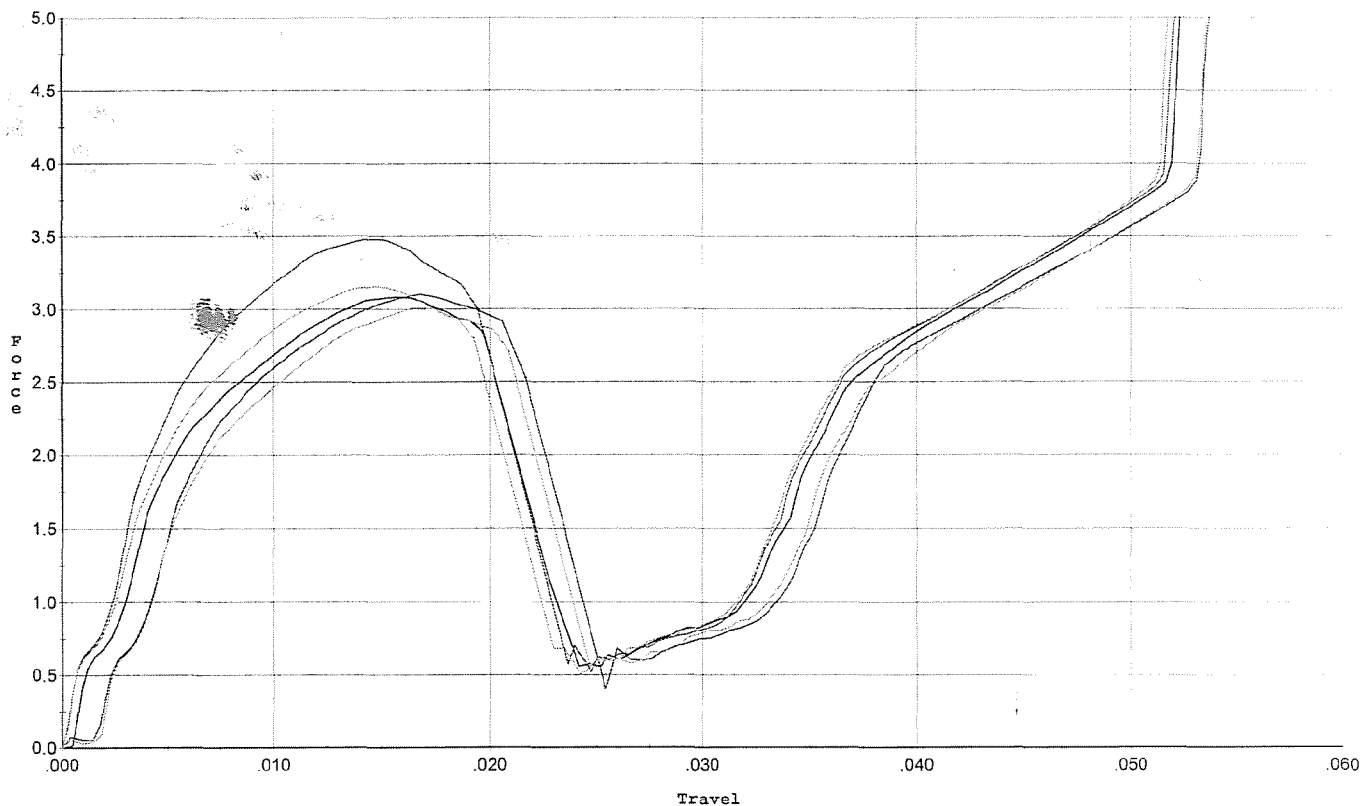
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.428	0.018	0.00	0.034	0.032		Set Trigger
2	2.399	0.019	0.00	0.033	0.033		Set Trigger
3	2.485	0.018	0.00	0.033	0.032		Set Trigger
4	2.439	0.018	0.00	0.034	0.032		Set Trigger
5	2.455	0.018	0.00	0.033	0.033		Set Trigger

Avg 2.44

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.



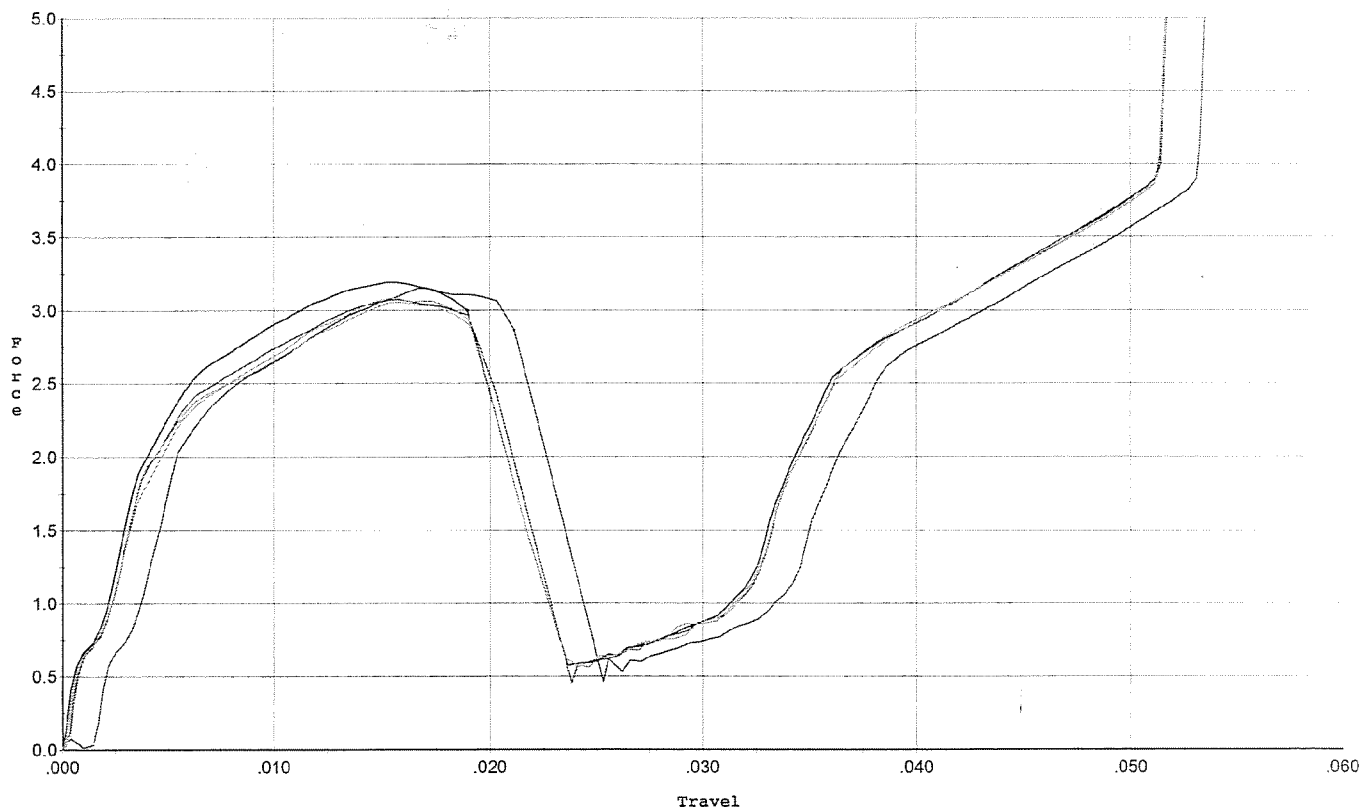
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.100	0.022	0.002	0.036	0.045		Set Trigger
2	3.082	0.020	0.00	0.035	0.043		Set Trigger
3	3.479	0.019	0.00	0.035	0.048		Set Trigger
4	3.008	0.021	0.00	0.035	0.042		Set Trigger
5	3.154	0.019	0.00	0.035	0.043		Set Trigger

Avg 3.16

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.



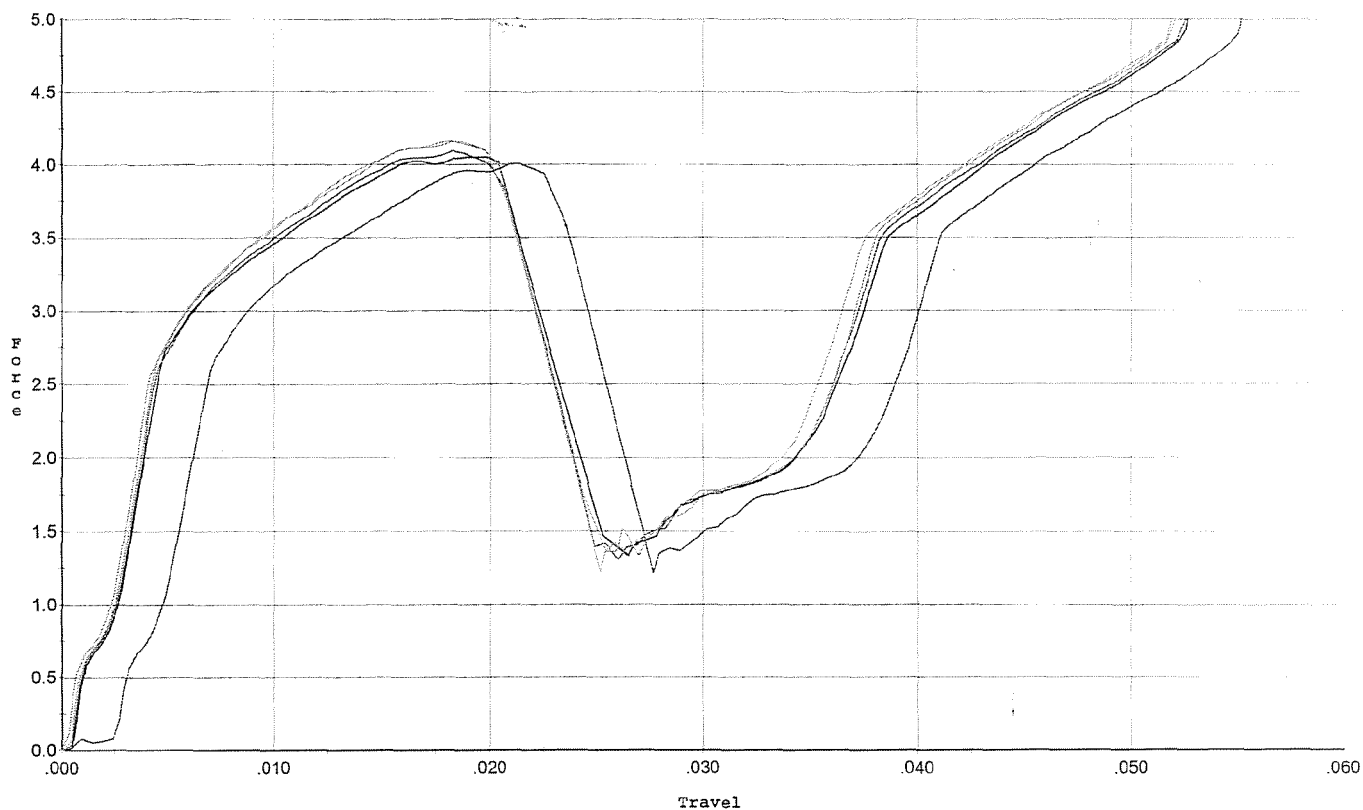
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.149	0.021	0.00	0.035	0.046		Set Trigger
2	3.192	0.019	0.00	0.035	0.044		Set Trigger
3	3.072	0.020	0.00	0.034	0.046		Set Trigger
4	3.056	0.019	0.00	0.035	0.042		Set Trigger
5	3.084	0.019	0.00	0.035	0.042		Set Trigger

Avg 3.11

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. ini. +/- 1.0 lbs.



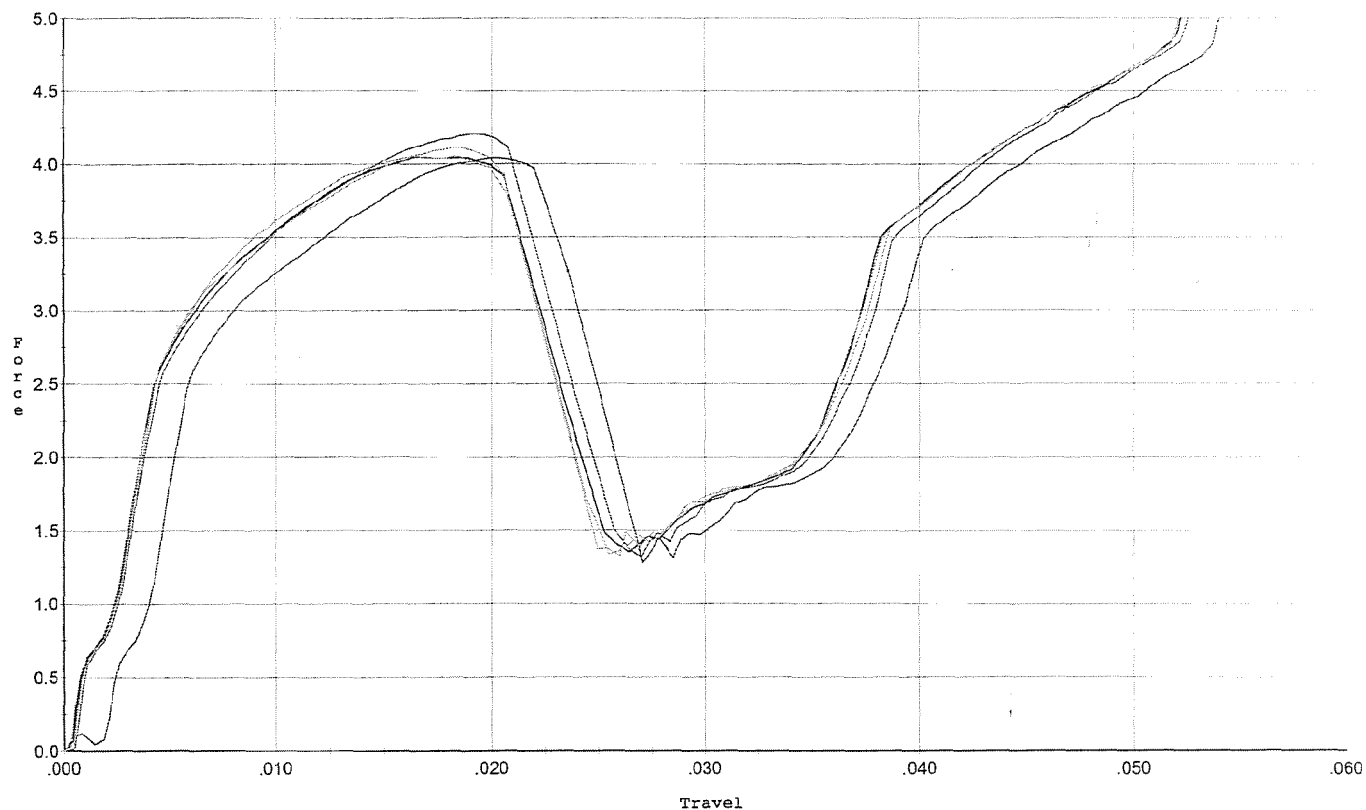
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.005	0.024	0.00	0.033	0.061		Set Trigger
2	4.050	0.020	0.00	0.033	0.058		Set Trigger
3	4.093	0.021	0.00	0.033	0.059		Set Trigger
4	4.163	0.021	0.00	0.032	0.061		Set Trigger
5	4.160	0.020	0.00	0.032	0.059		Set Trigger

Avg 4.09

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.



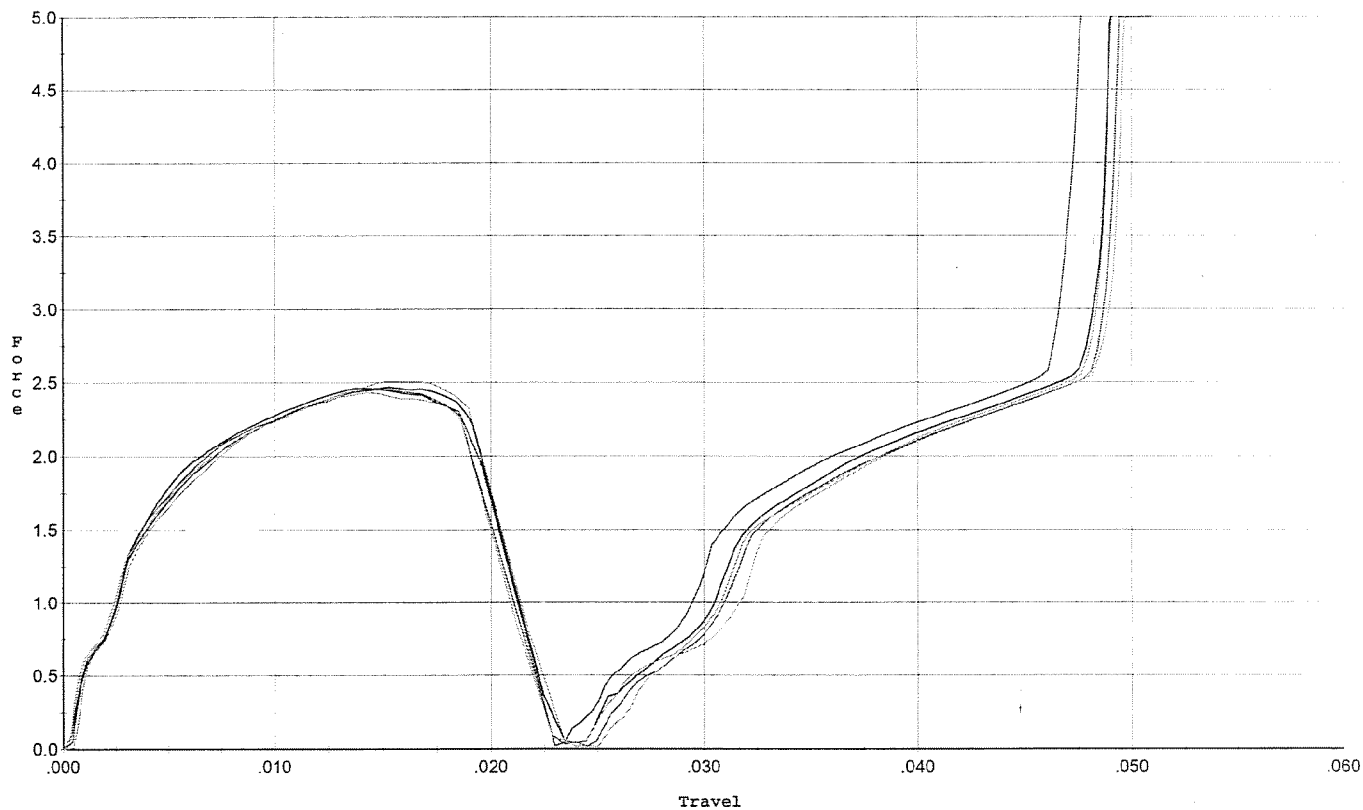
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.040	0.024	0.00	0.032	0.063		Set Trigger
2	4.046	0.021	0.00	0.033	0.059		Set Trigger
3	4.207	0.021	0.00	0.032	0.060		Set Trigger
4	4.115	0.021	0.00	0.032	0.059		Set Trigger
5	4.055	0.021	0.00	0.032	0.060		Set Trigger

Avg 4.09

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



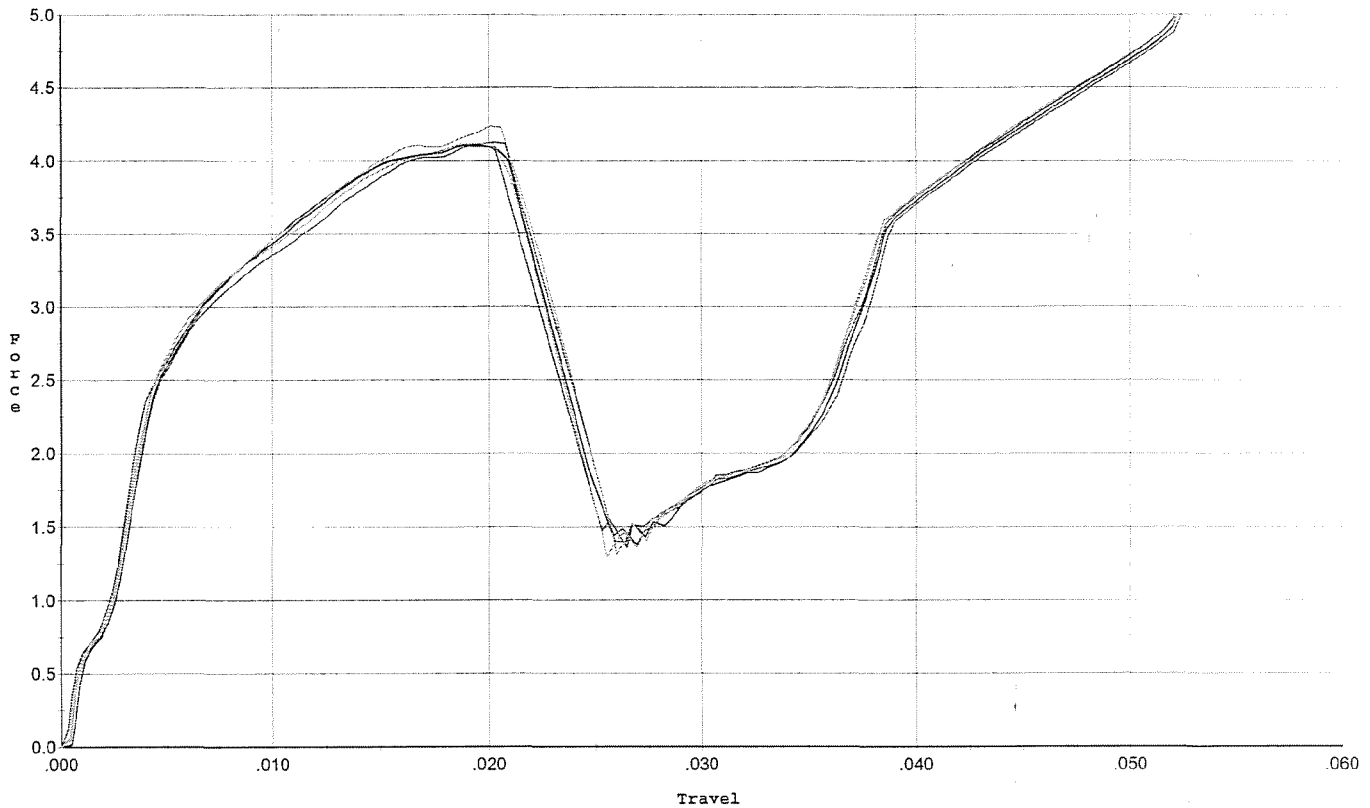
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.451	0.020	0.00	0.032	0.035		Set Trigger
2	2.466	0.019	0.00	0.033	0.035		Set Trigger
3	2.460	0.019	0.00	0.034	0.034		Set Trigger
4	2.431	0.019	0.00	0.035	0.034		Set Trigger
5	2.509	0.019	0.00	0.034	0.035		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	4.106	0.020	0.00	0.032	0.058		Set Trigger
2	4.103	0.021	0.00	0.032	0.060		Set Trigger
3	4.126	0.023	0.00	0.032	0.066		Set Trigger
4	4.118	0.021	0.00	0.032	0.061		Set Trigger
5	4.236	0.022	0.00	0.031	0.065		Set Trigger

Aug 4.13

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348825.__0
FILE DATE AND TIME: 06/22/2009 07:50

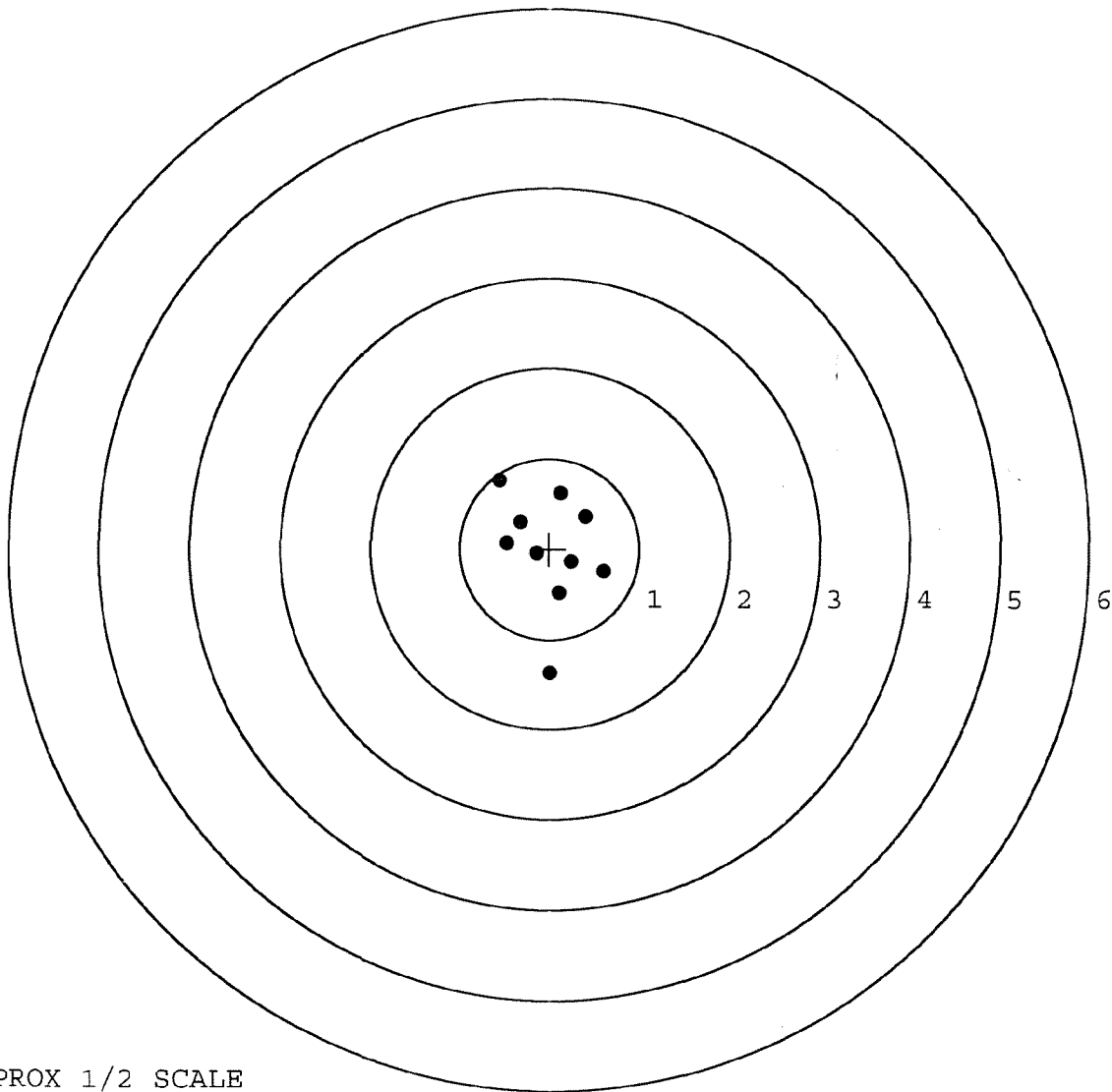
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.045
The Average Y Centroid of the Five Target Set:	-0.038
The Average Point of Impact of the Five Target Set:	0.059
The Average Mean Radius of the Five Target Set:	0.582
The Distance from POA to Centroid Target #1:	0.023
The Distance from Centroid Target #2 to Centroid Target #1:	0.121
The Distance from Centroid Target #3 to Centroid Target #1:	0.076
The Distance from Centroid Target #4 to Centroid Target #1:	0.338
The Distance from Centroid Target #5 to Centroid Target #1:	0.104

SERIAL NUMBER: C6348825. __0
 TARGET NUMBER: 1
 FILE DATE: 06/22/2009
 FILE TIME: 07:50

POINT#	X	Y
1:	0.010	-1.380
2:	-0.555	0.758
3:	0.121	0.615
4:	0.398	0.357
5:	-0.327	0.297
6:	-0.477	0.060
7:	-0.144	-0.051
8:	0.109	-0.493
9:	0.246	-0.141
10:	0.606	-0.252

X CENTROID: -0.001
 Y CENTROID: -0.023
 POA TO CENTROID: 0.023
 HORZ SPREAD: 1.161
 VERT SPREAD: 2.138
 GROUP SPREAD: 2.211
 MIN RADIUS: 0.145
 MAX RADIUS: 1.357
 MEAN RADIUS: 0.601
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0039130

SERIAL NUMBER: C6348825. __0

TARGET NUMBER: 2

FILE DATE: 06/22/2009

FILE TIME: 07:50

X CENTROID: 0.096

Y CENTROID: 0.049

POA TO CENTROID: 0.108

HORZ SPREAD: 0.926

VERT SPREAD: 1.264

GROUP SPREAD: 1.522

MIN RADIUS: 0.090

MAX RADIUS: 0.765

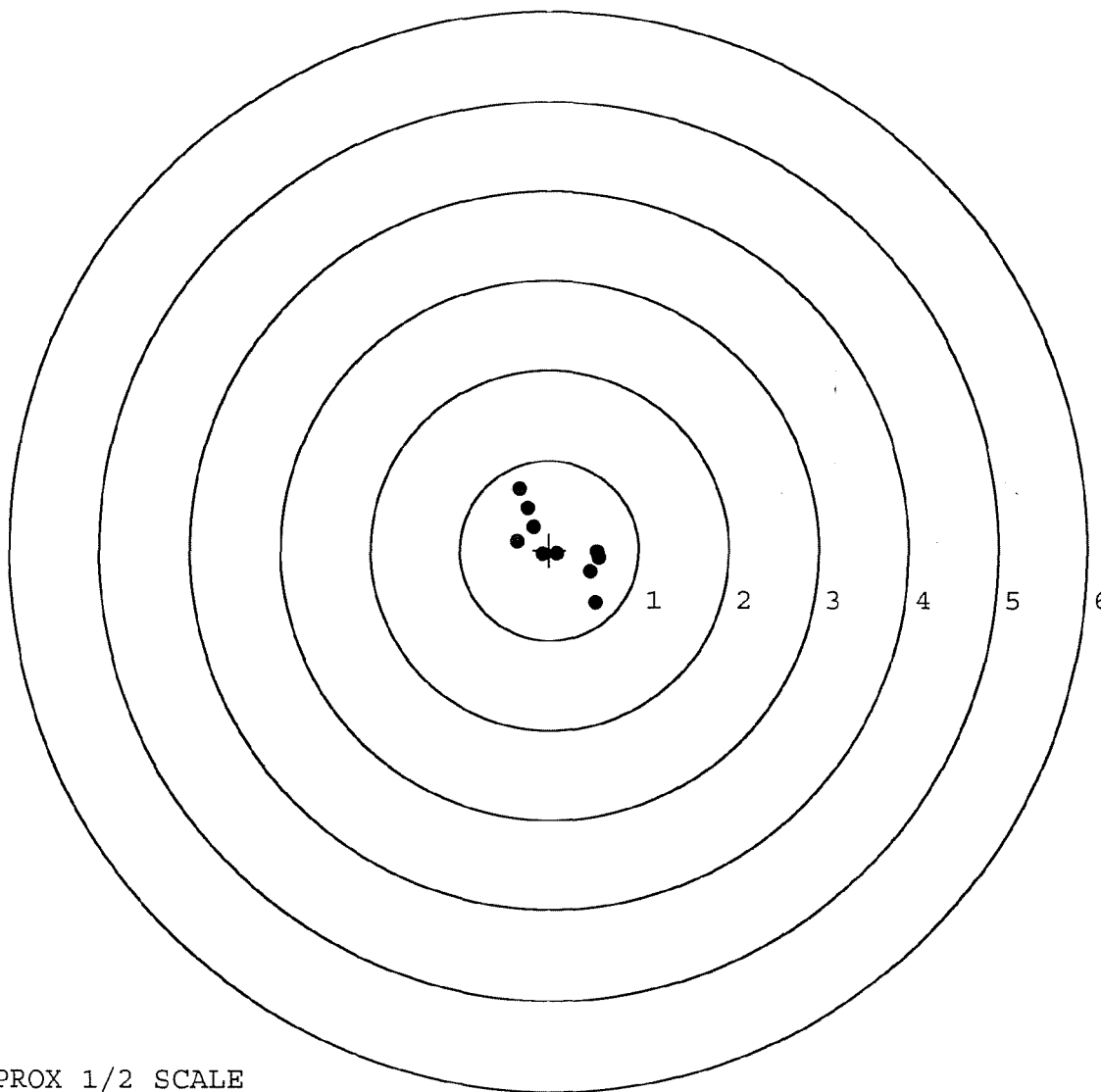
MEAN RADIUS: 0.456

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.516	-0.580
2:	0.463	-0.239
3:	0.536	-0.017
4:	-0.331	0.684
5:	-0.366	0.098
6:	-0.179	0.256
7:	-0.077	-0.053
8:	0.084	-0.040
9:	0.560	-0.085
10:	-0.244	0.470

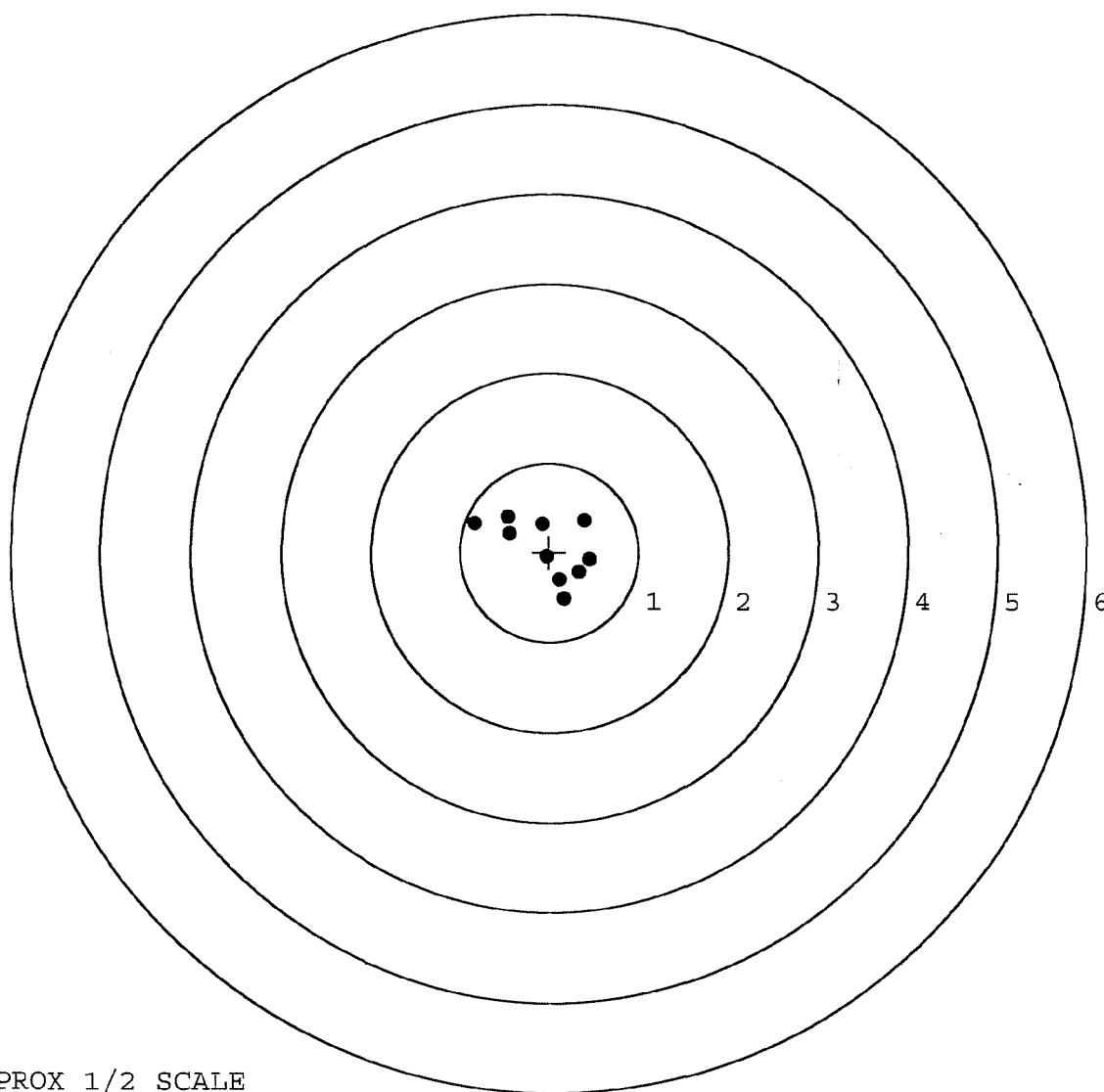


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348825. __0
 TARGET NUMBER: 3
 FILE DATE: 06/22/2009
 FILE TIME: 07:50

POINT#	X	Y
1:	0.391	0.358
2:	0.452	-0.080
3:	-0.083	0.319
4:	-0.472	0.398
5:	-0.838	0.322
6:	-0.452	0.210
7:	0.171	-0.525
8:	0.335	-0.226
9:	-0.029	-0.049
10:	0.114	-0.308

X CENTROID: -0.041
 Y CENTROID: 0.042
 POA TO CENTROID: 0.059
 HORZ SPREAD: 1.290
 VERT SPREAD: 0.923
 GROUP SPREAD: 1.351
 MIN RADIUS: 0.092
 MAX RADIUS: 0.845
 MEAN RADIUS: 0.471
 # IN 1 IN DIAMETER: 5
 # IN 2 IN DIAMETER: 10
 # in 3 IN DIAMETER: 10

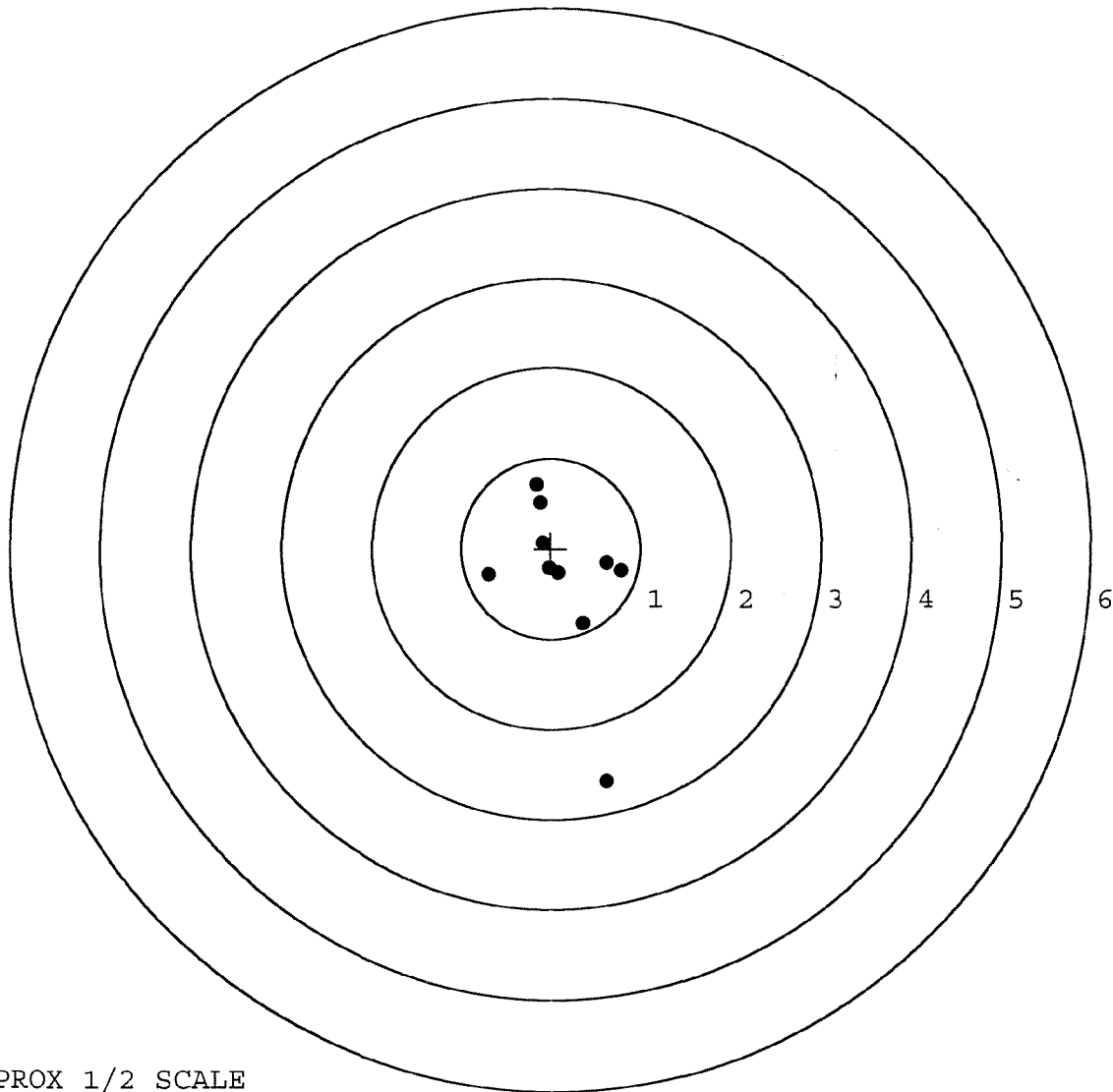


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348825. __0
 TARGET NUMBER: 4
 FILE DATE: 06/22/2009
 FILE TIME: 07:50

POINT#	X	Y
1:	0.616	-2.580
2:	0.357	-0.828
3:	-0.699	-0.291
4:	-0.016	-0.218
5:	0.782	-0.245
6:	0.622	-0.159
7:	0.081	-0.270
8:	-0.089	0.060
9:	-0.165	0.707
10:	-0.123	0.511

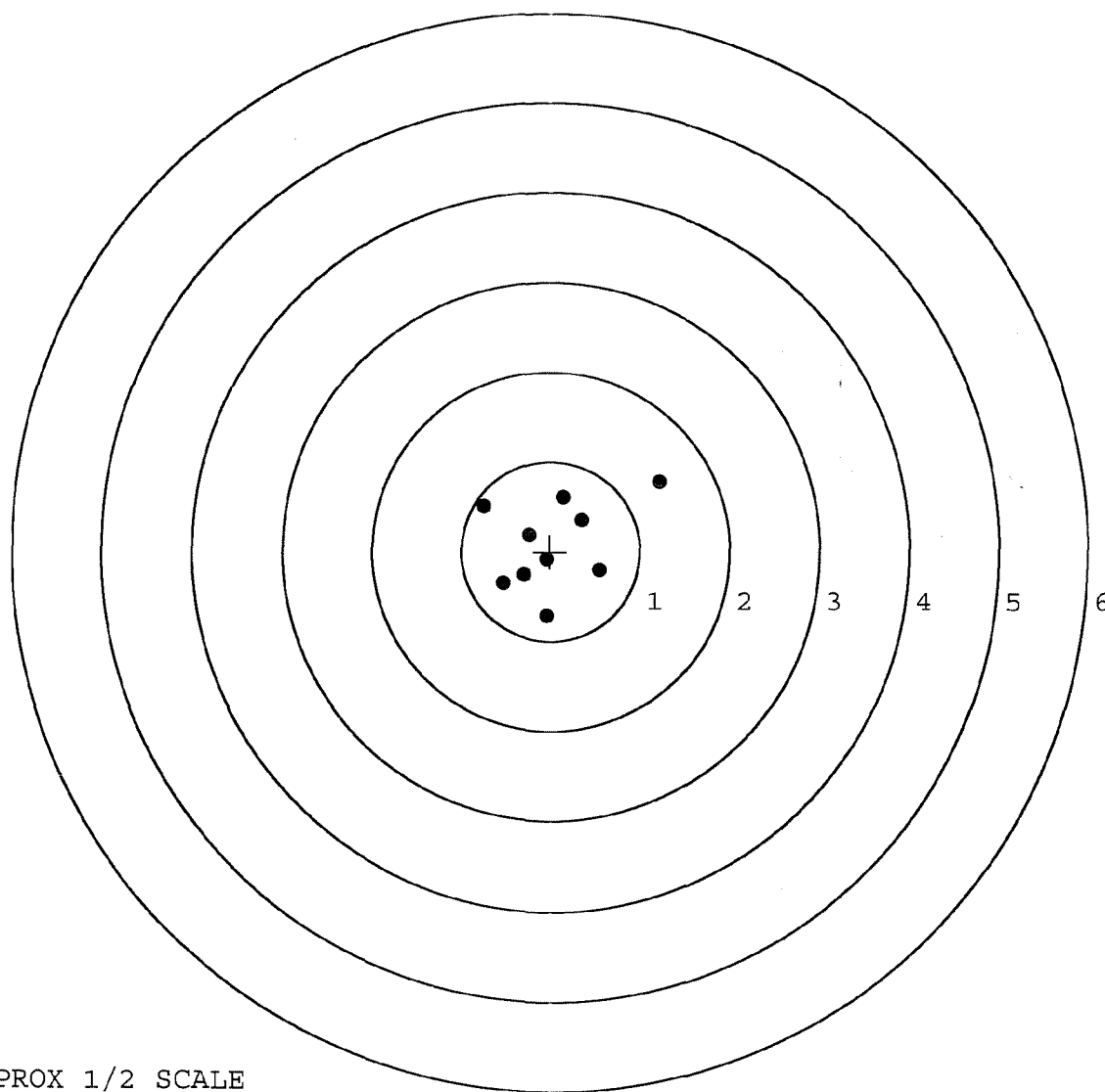
X CENTROID: 0.137
 Y CENTROID: -0.331
 POA TO CENTROID: 0.358
 HORZ SPREAD: 1.481
 VERT SPREAD: 3.287
 GROUP SPREAD: 3.379
 MIN RADIUS: 0.083
 MAX RADIUS: 2.299
 MEAN RADIUS: 0.753
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

BARBER - M24 0039133

SERIAL NUMBER: C6348825. 0	POINT#	X	Y
TARGET NUMBER: 5	1:	1.214	0.779
FILE DATE: 06/22/2009	2:	0.548	-0.211
FILE TIME: 07:50	3:	0.350	0.348
	4:	0.141	0.605
X CENTROID: 0.035	5:	-0.044	-0.724
Y CENTROID: 0.075	6:	-0.751	0.494
POA TO CENTROID: 0.082	7:	-0.527	-0.363
HORZ SPREAD: 1.965	8:	-0.300	-0.273
VERT SPREAD: 1.503	9:	-0.042	-0.092
GROUP SPREAD: 2.082	10:	-0.243	0.184
MIN RADIUS: 0.183			
MAX RADIUS: 1.374			
MEAN RADIUS: 0.629			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

Aims Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00047883** Serial: **C6348825** Model: **700** Center Fire Caliber: **7.62 NATO M-24 (SW)** Repairman: Status: **Closed 6/11/02 7:14:22 AM**

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **COMMANDER** **COMMANDER**

Address 1: **HSC 2/7 SFG A** **HSC 2/7 SFG A**

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

Pool:

Condition Notes:

CSF 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**

maglet 6/11/02 7:52 AM EGPS NUM NS SCPL

Start Inbox Score Google Arms Part S RACI 7:52 AM

Serial Number: **C6348825**

Model: **700**



RE00047883

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

R & E NUMBER 47883			
SERIAL NUMBER C 6048825			
LOG-IN DATE 6/11/02 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	6/17/02	RL
600	PROOF MAGNA-FLUX INSPECTED	6/17/02	RW
605	CHECK HEADSPACE	6/17/02	RW
610	DIS-ASSEMBLE GUN	6/17/02	RW
612	MAGNAFLUX OPERATOR DRD		
615	ROLLMARK CALIBER	6/17/02	RW
618	ROTO-BLAST	6/19/02	KO
620	APPLY COATINGS	6-24	TH
625 A	FINAL ASSEMBLY	6/24/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-28-02	TH
655	FINAL INSPECT	6-28-02	RL
660	PACK	6-28-02	DA
		SHIP DATE	
QAR INSPECTION DATE			

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348825.___0

FILE DATE AND TIME: 06/29/2002 11:43

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

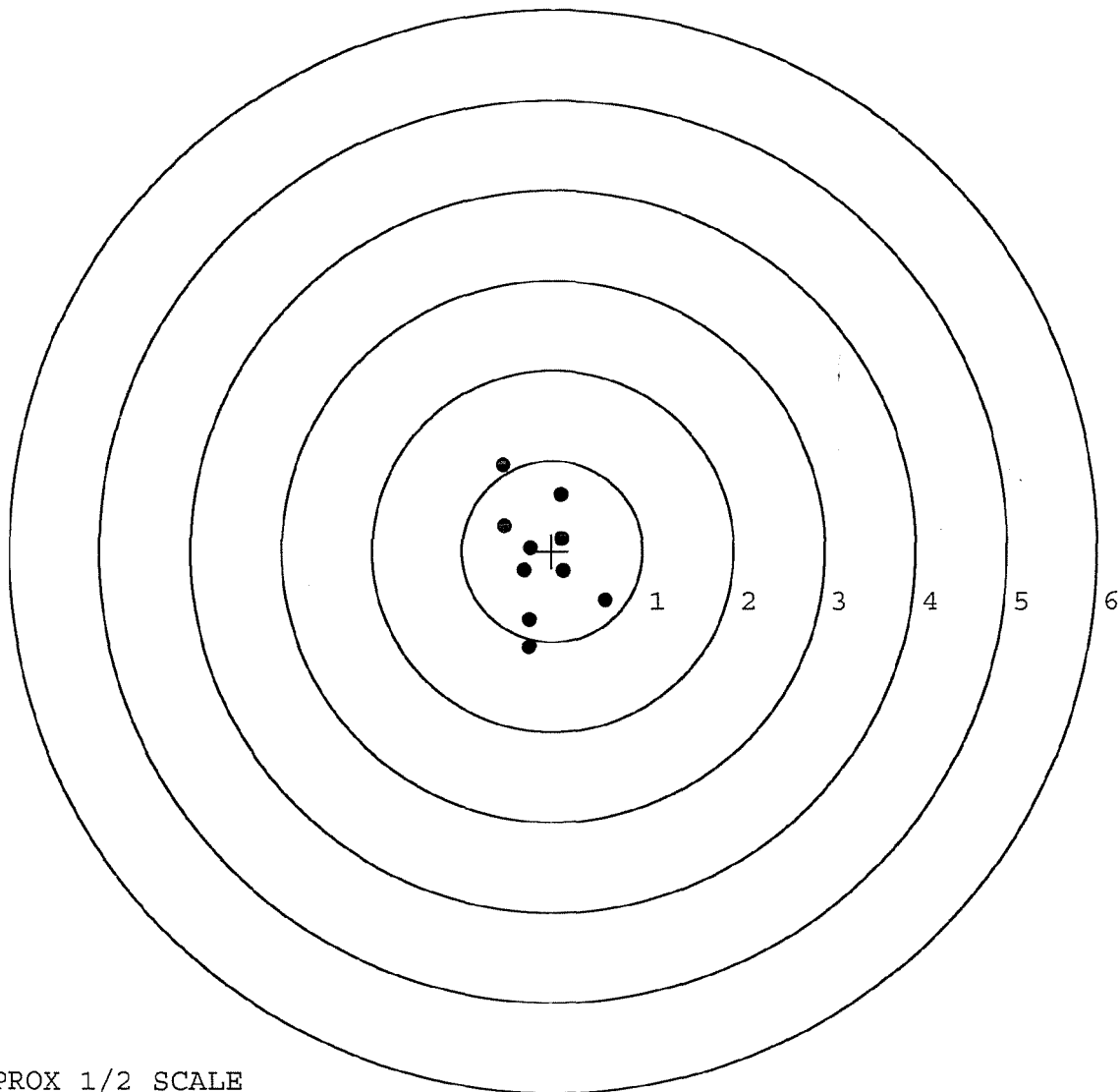
The Average X Centroid of the Five Target Set:	-0.018
The Average Y Centroid of the Five Target Set:	-0.130
The Average Point of Impact of the Five Target Set:	0.131
The Average Mean Radius of the Five Target Set:	0.687
The Distance from POA to Centroid Target #1:	0.146
The Distance from Centroid Target #2 to Centroid Target #1:	0.292
The Distance from Centroid Target #3 to Centroid Target #1:	0.195
The Distance from Centroid Target #4 to Centroid Target #1:	0.544
The Distance from Centroid Target #5 to Centroid Target #1:	0.220

BARBER - M24 0039137

SERIAL NUMBER: C6348825. __0
 TARGET NUMBER: 1
 FILE DATE: 06/29/2002
 FILE TIME: 11:43

POINT#	X	Y
1:	-0.547	0.951
2:	0.097	0.623
3:	-0.539	0.279
4:	-0.256	-0.766
5:	-0.255	-1.060
6:	0.587	-0.542
7:	0.102	0.137
8:	0.132	-0.224
9:	-0.308	-0.215
10:	-0.246	0.036

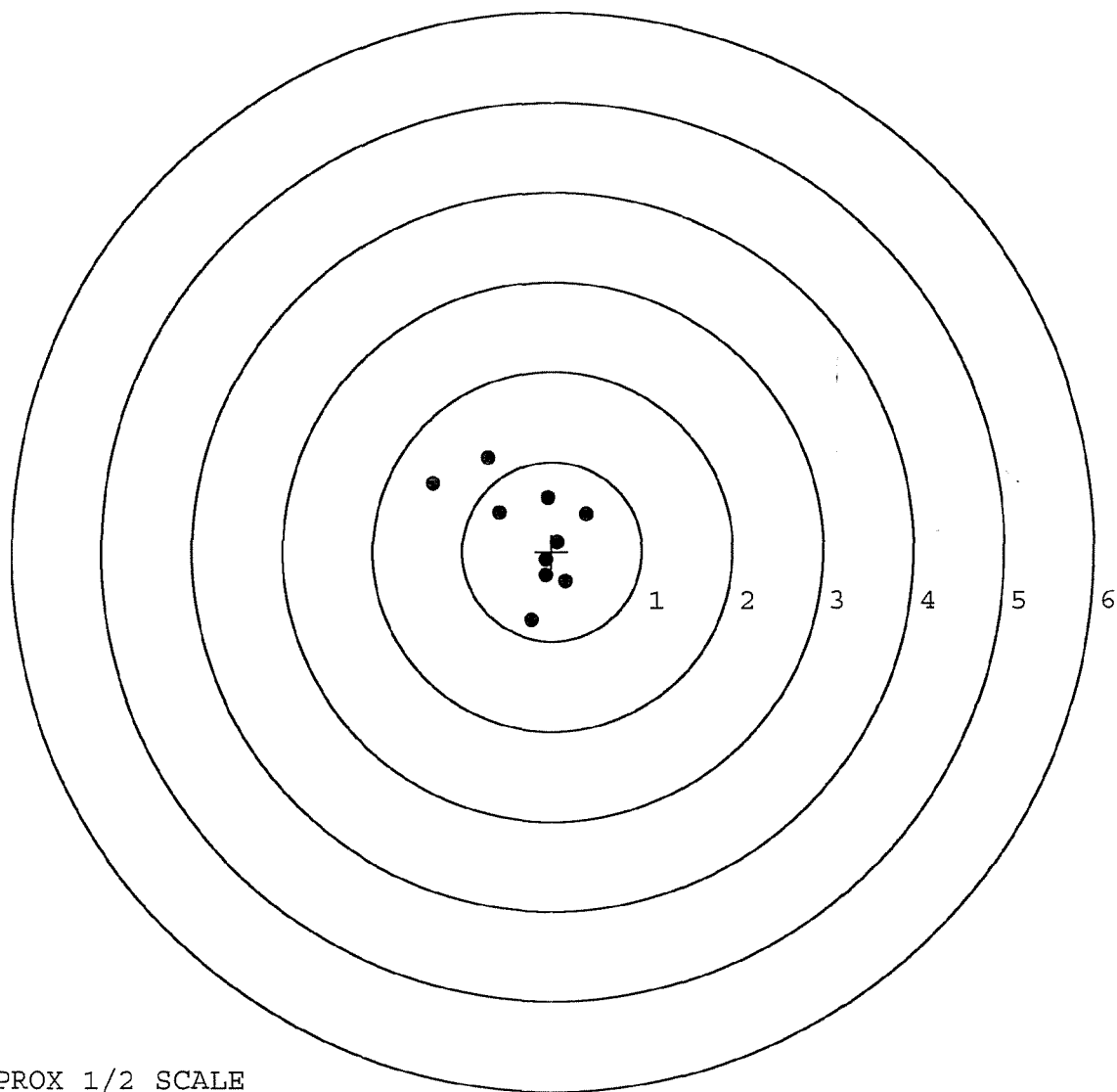
X CENTROID: -0.123
 Y CENTROID: -0.078
 POA TO CENTROID: 0.146
 HORZ SPREAD: 1.134
 VERT SPREAD: 2.011
 GROUP SPREAD: 2.032
 MIN RADIUS: 0.168
 MAX RADIUS: 1.113
 MEAN RADIUS: 0.594
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0039138

SERIAL NUMBER: C6348825. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.714	1.037
FILE DATE: 06/29/2002	2:	-1.333	0.758
FILE TIME: 11:43	3:	-0.050	0.600
	4:	-0.587	0.430
X CENTROID: -0.247	5:	0.378	0.414
Y CENTROID: 0.187	6:	-0.233	-0.773
POA TO CENTROID: 0.309	7:	0.154	-0.336
HORZ SPREAD: 1.711	8:	-0.072	-0.267
VERT SPREAD: 1.810	9:	-0.073	-0.099
GROUP SPREAD: 1.885	10:	0.064	0.104
MIN RADIUS: 0.321			
MAX RADIUS: 1.227			
MEAN RADIUS: 0.650			
# IN 1 IN DIAMETER: 5			
# IN 2 IN DIAMETER: 9			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

BARBER - M24 0039139

SERIAL NUMBER: C6348825. __0

TARGET NUMBER: 3

FILE DATE: 06/29/2002

FILE TIME: 11:43

POINT#	X	Y
1:	0.178	-1.005
2:	0.515	0.506
3:	-0.352	0.617
4:	-0.585	-0.311
5:	0.019	-0.723
6:	0.770	-0.442
7:	0.391	0.008
8:	-0.283	0.330
9:	-0.818	-0.426
10:	-0.339	-1.145

X CENTROID: -0.050

Y CENTROID: -0.259

POA TO CENTROID: 0.264

HORZ SPREAD: 1.588

VERT SPREAD: 1.762

GROUP SPREAD: 1.859

MIN RADIUS: 0.469

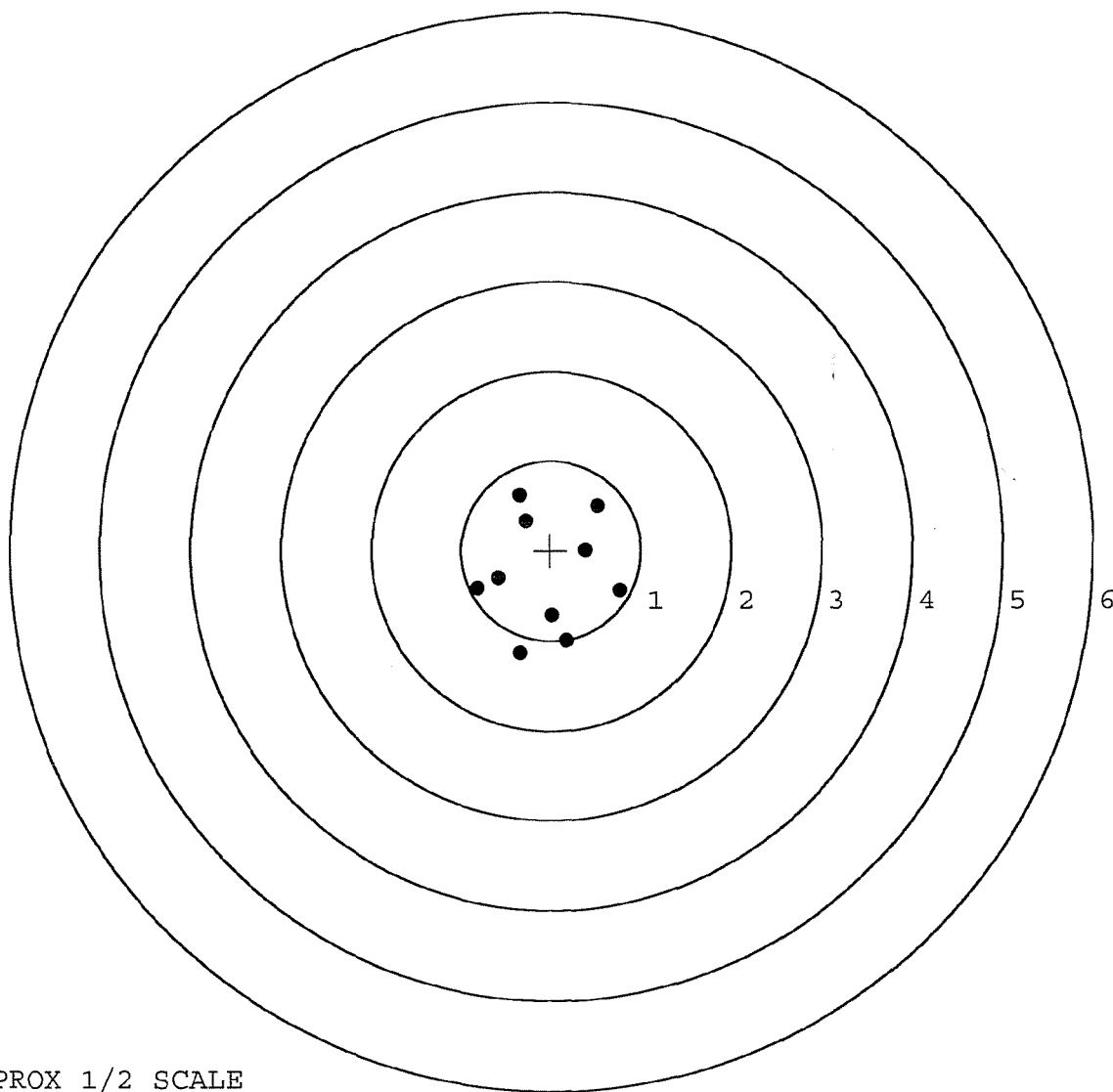
MAX RADIUS: 0.951

MEAN RADIUS: 0.737

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

BARBER - M24 0039140

SERIAL NUMBER: C6348825. __0

TARGET NUMBER: 4

FILE DATE: 06/29/2002

FILE TIME: 11:43

POINT#	X	Y
1:	0.108	0.348
2:	0.544	-0.799
3:	1.078	-1.073
4:	0.831	-1.772
5:	-0.055	-1.343
6:	-0.284	-0.021
7:	-0.217	-0.004
8:	0.150	-0.034
9:	0.469	-0.110
10:	-0.217	-0.019

X CENTROID: 0.241

Y CENTROID: -0.483

POA TO CENTROID: 0.539

HORZ SPREAD: 1.362

VERT SPREAD: 2.120

GROUP SPREAD: 2.240

MIN RADIUS: 0.437

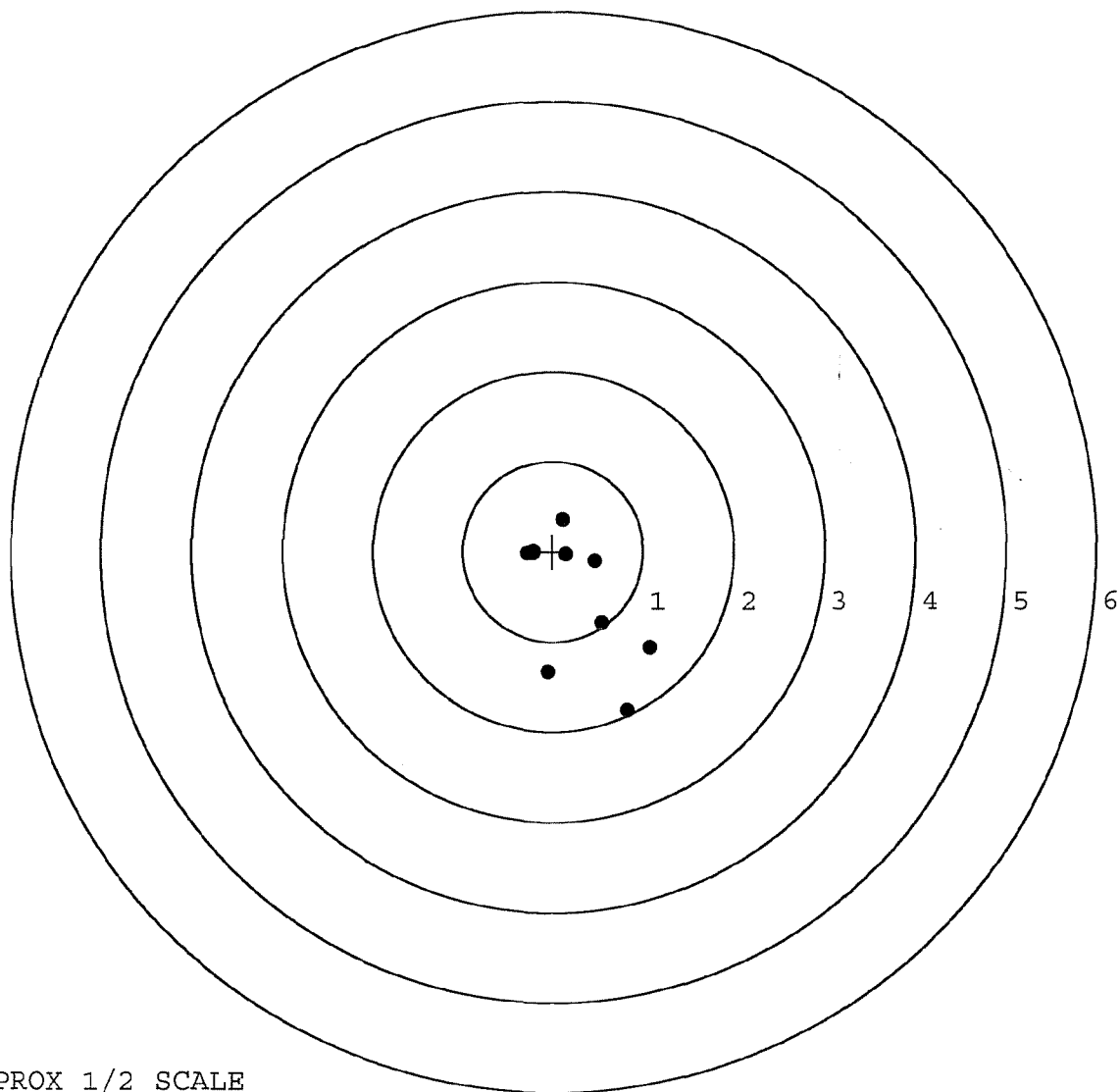
MAX RADIUS: 1.418

MEAN RADIUS: 0.754

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



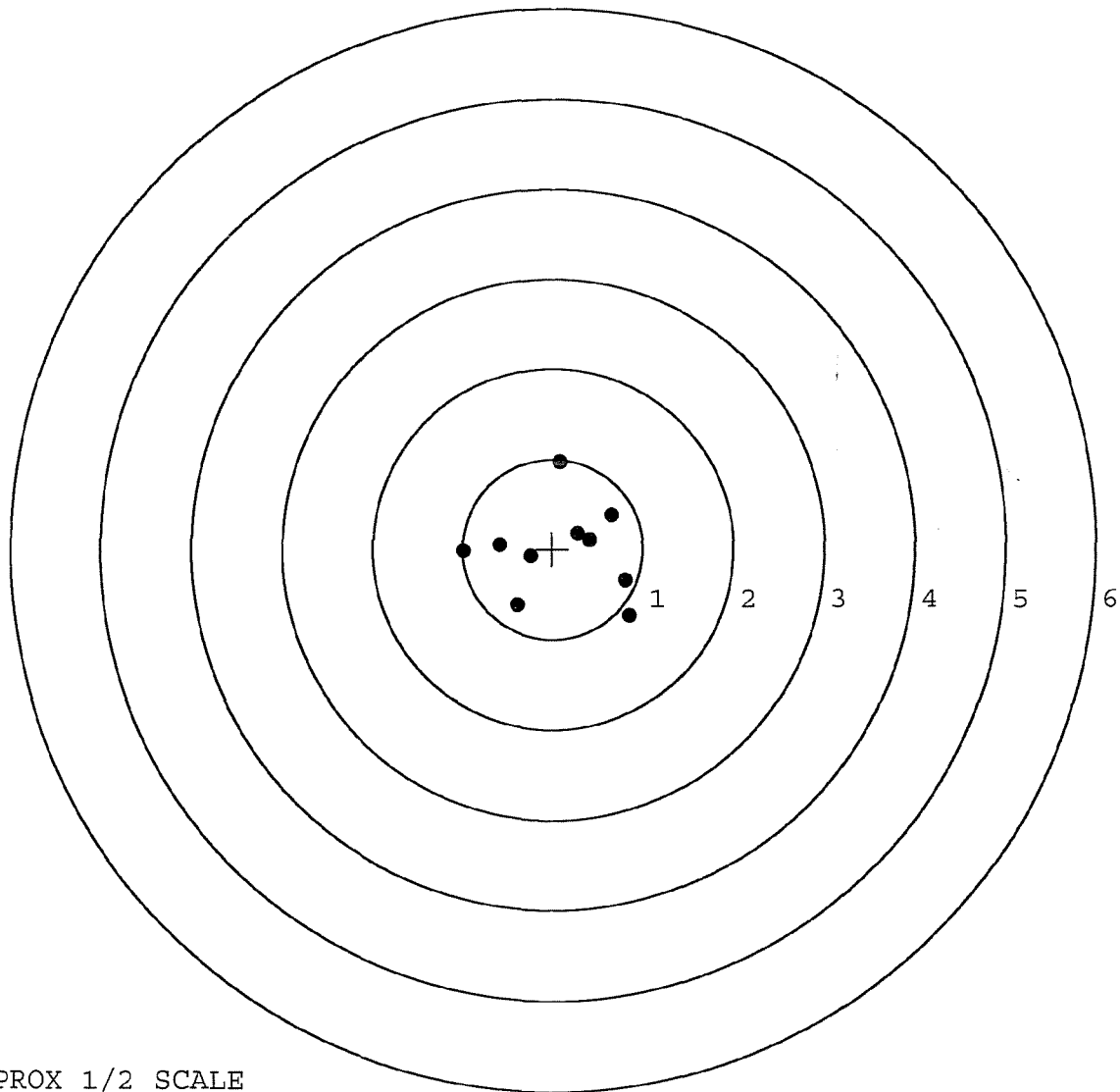
TARGET APPROX 1/2 SCALE

BARBER - M24 0039141

SERIAL NUMBER: C6348825. __0
 TARGET NUMBER: 5
 FILE DATE: 06/29/2002
 FILE TIME: 11:43

POINT#	X	Y
1:	0.084	0.973
2:	-0.993	-0.028
3:	-0.585	0.043
4:	-0.244	-0.084
5:	-0.392	-0.632
6:	0.808	-0.350
7:	0.860	-0.742
8:	0.652	0.374
9:	0.413	0.104
10:	0.275	0.177

X CENTROID: 0.088
 Y CENTROID: -0.016
 POA TO CENTROID: 0.089
 HORZ SPREAD: 1.853
 VERT SPREAD: 1.715
 GROUP SPREAD: 1.986
 MIN RADIUS: 0.269
 MAX RADIUS: 1.081
 MEAN RADIUS: 0.702
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 8
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVED - M240039142 REPORT

424

96-13370 ORDER

INITIAL	CUSTOMER ORDER NO.
PPS	11349

DATE RECEIVED 05/30/96	DATE OPENED 05/30/96	DATE CODE PJ 4-89	SERIAL NUMBER C4348825	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS SCOPE BASE						

SHIP TO:

DEPT OF THE ARMS
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC 28397

DEPT OF THE ARMS
HSC, 2ND. BN 7TH SFG (A)
FT BRAGG NC
28307

QUEST NO: 143694 C.Q.D

VIA DOOR

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

TOTAL	100	100	100
-------	-----	-----	-----

CYCLE	A1	B1				
-------	----	----	--	--	--	--

TRIGGER GROUP	82				
---------------	----	--	--	--	--

BOIT ASSY	E3	E2	E2
-----------	----	----	----

BARREL ASSY.	B4	D1	E3	E3
--------------	----	----	----	----

REC. ASSY.	B5	D2	E4	$\frac{1}{2}$
------------	----	----	----	---------------

WOOD			C1	D3	L5	76
------	--	--	----	----	----	----

METAL	C2
-------	----

MAIN FAULT

PARTS

COMMENTS

Barrel - 96003
Stock - 96018

Repowder Coat = Trigger
Guard Assy Front & Rear
Sight Base/Sl
ReZinc Scope Base, &
Swivel Studs

REPAIRMAN RW	PROOF ✓ RW	CLEAN ✓	TEST A	TARGET A	PATTERN
GALLERY TESTER A	DATE 6/6/96	DATE 6/18/96	DATE 6/19/96	DATE 6/19/96	DATE

RD6925 REV. 1/94

**CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON**

BARBER - M24 M2400039181

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 011349

DATE

05-29-96

CUSTOMER NAME:

ADDRESS:

ZIP:

PHONE:

FIREARM

MODEL:

GAUGE:

SERIAL #

REMINGTON EMPLOYEE:

YES ☐NO ☒

EMPLOYEE #

DEPT. #

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	
☒ Work Request ☐ MWO ☐ Warranty Claim		1A. ORGANIZATION HSC, 2/75FG(A) FT. BRAGG, NC 28307		B. LOCATION BLDG E-3928 FT. BRAGG, NC 28307		C. UNIT IDENT CODE WH00DO	
2. SERIAL NO. C6348825		3. NOUN NOMENCLATURE RIFLE, SNIPER		4. LINE NO	5. MODEL M24	6. NATIONAL STOCK NUMBER 1005-240-2186	
7A. MAINTENANCE ACTIVITY		B. LEVEL DEPOT	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS
							11. MILES
							12. ROUNDS 9150
							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, BARREL NEEDS REPLACED.							
B. REMARKS							
REBARREL AND RETURN REQUESTED. POC IS CPT BURNS 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					

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, 2/15FG(A) IT BRAGG, NC 2R307		B. LOCATION ILRG E-3928 FT BRAGG, NC 2R307		C. UNIT IDENT CODE WH00DO	
2. SERIAL NO. C6348825		3. NOUN NOMENCLATURE RIFLE SNIPER		4. LINE NO.	5. MODEL M24	6. NATIONAL STOCK NUMBER 1005-240-2186	
7A. MAINTENANCE ACTIVITY		B. LEVEL DEPOT	8. UTILIZATION CODE	9A. MCSR ITEM	9B. ERC	9C. PACING ITEM	10. HOURS
							11. MILES 9150
14. FAILURE DETECTED DURING (Select one - use ☒ or X)				15. FIRST INDICATION OF TROUBLE (Select one - use ☒ or X)			
☐ A Sch. Main. ☐ B Handling		☐ C Test ☒ D Normal Op		☐ E Storage ☐ F Inspection		☐ G Flight ☐ H Other	
				☐ 068 Inoperative ☐ 008 Noisy		☐ 258 Overheating ☐ 387 Low Performance	
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 POUNDS, CARREL NEEDS REPLACED.							
B. REMARKS RECARREL AND RETURN REQUESTED. POC IS CPT BURNS AT (910) 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	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	
JULIAN DATE		JULIAN DATE		JULIAN DATE		JULIAN DATE	
27. ACCEPTED BY				28. DISPOSITION (Select One)			
				☐ A To User ☐ B To Stock ☐ C Salvaged			
				☐ D Evacuated ☐ E Cannibalization			

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

New Barrel
Stock

R&E NO.

SERIAL NO.

C6348825

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		
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	Dr
655	FINAL INSPECT	6/20/96	RW
660	PACK		

QAR INSPECTION

SHIP DATE

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06348825
19 Apr 1988

CENTROIDAL DISTANCES

0 TO	1	.644846
1 TO	2	.524767
1 TO	3	.340908
1 TO	4	.39777
1 TO	5	.193494

+----> FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .3222
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .2772
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .425033

THE AMR FOR THIS RIFLE IS: .9766

19 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C63488E5

CENTERFIRE PATTERNS

1

POA

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS - 10

IN CIR

1 in = 1

2 in = 5

3 in = 9

HS = 2.0000

VS = 1.628

GS = 3.204

PATTERN #

1

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.336	1.141	.850
MINIMUM X	-1.754	-1.391	-1.248
MAXIMUM Y	.783	.818	.756
MINIMUM Y	-1.045	-1.010	-1.073
CENTROID X	.335	.530	.387
CENTROID Y	.551	.516	.579
POA TO CENTROID in.	.645	.740	.696
MIN RADIUS	.447	.422	.398
MEAN RADIUS	1.035	.917	.979
MAX RADIUS	1.782	1.484	1.255
HORIZONTAL SPREAD	3.098	2.532	2.098
VERTICAL SPREAD	1.828	1.828	1.828
EXTREME SPREAD	3.204	2.624	2.147
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		9	

19 Apr 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06346825

CENTERFIRE PATTERNS # 2

POR

1in circle

2in circle

3in circle

CENTROID *

+ OF SHOTS- 10

IN CIR

1in = 0

2in = 6

3in = 9

HS= 2.601

VS= 2.096

GS= 2.999

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.974	.794	.878
MINIMUM X	-1.627	-1.038	-.954
MAXIMUM Y	1.204	1.150	1.212
MINIMUM Y	-.892	-.946	-.802
CENTROID X	.251	.431	.347
CENTROID Y	.033	.087	-.057
POR TO CENTROID in.	.253	.440	.352
MIN RADIUS	.720	.665	.589
MEAN RADIUS	1.055	.971	.899
MAX RADIUS	1.697	1.333	1.342
HORIZONTAL SPREAD	2.601	1.832	1.832
VERTICAL SPREAD	2.096	2.096	2.014
EXTREME SPREAD	2.999	2.307	2.072
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

19 Apr 1968

FILE: PATTERNING/CENTERFIRE_PATT/C634B825

CENTERFIRE PATTERNS # 3

POA

CENTROID *

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 9

HS= 2.357

VS= 1.726

GS= 2.734

CENTROID *

PATTERN #	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.093	.953	.621
MINIMUM X	-1.264	-.724	-.605
MAXIMUM Y	.830	.733	.785
MINIMUM Y	-.896	-.993	-.941
CENTROID X	.262	.402	.283
CENTROID Y	.218	.315	.263
POA TO CENTROID in.	.340	.511	.386
MIN RADIUS	.143	.263	.146
MEAN RADIUS	.805	.719	.662
MAX RADIUS	1.537	1.113	1.128
HORIZONTAL SPREAD	2.357	1.677	1.326
VERTICAL SPREAD	1.726	1.726	1.726
EXTREME SPREAD	2.734	2.117	2.117
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 6		
NUMBER IN THREE INCH CIRCLE	= 9		

19 Apr 1900

FILE:/PATTERNING/CENTERFIRE_PATT/C8348825

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS - 10

IN CIR

1in = 3

2in = 5

3in = 9

HS = 2.042

VS = 2.481

GS = 2.600

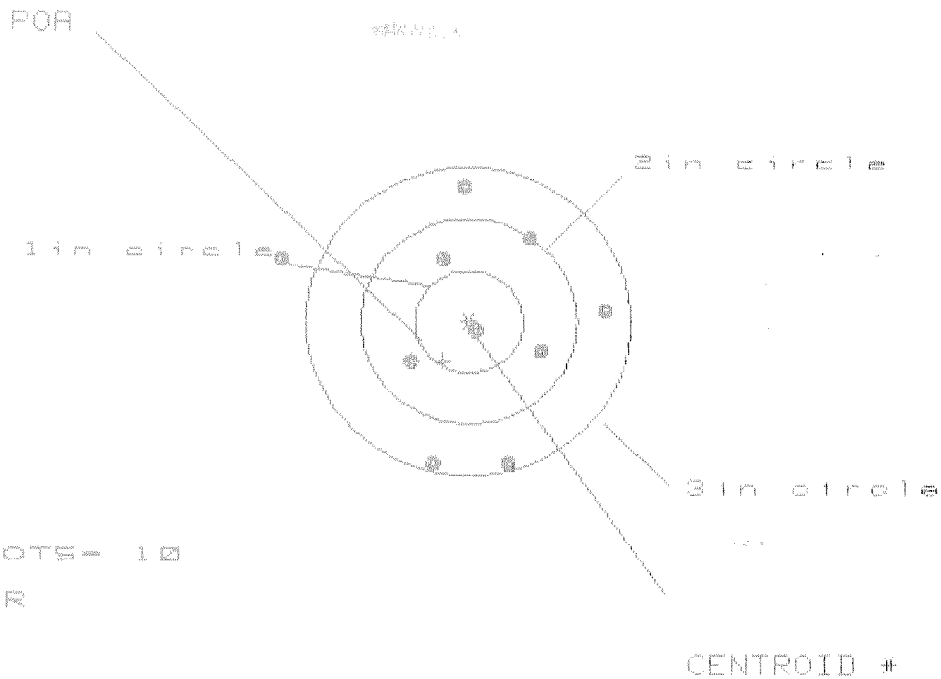
PATTERN

	10	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.907	.799	.644
MINIMUM X	-1.135	-1.243	-.975
MAXIMUM Y	.961	.792	.867
MINIMUM Y	-1.520	-1.003	-.927
CENTROID X	.524	.632	.787
CENTROID Y	.201	.370	.294
POA TO CENTROID in.	.561	.732	.848
MIN RADIUS	.432	.251	.200
MEAN RADIUS	.939	.791	.692
MAX RADIUS	1.802	1.383	1.129
HORIZONTAL SPREAD	2.042	2.042	1.619
VERTICAL SPREAD	2.481	1.795	1.795
EXTREME SPREAD	2.600	2.600	2.104
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

18 Apr 1968

FILE:/PATTERNING/CENTERFIRE_PATT/C834B825

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 4

3 in = 9

HS= 3.019

VS= 2.698

GS= 3.063

PATTERN #

5

SHOTS (BEST OF)	10	8
MAXIMUM X	1.271	1.029
MINIMUM X	-1.721	-0.815
MAXIMUM Y	1.271	1.175
MINIMUM Y	-1.427	-1.468
CENTROID X	.239	.500
CENTROID Y	.383	.479
POA TO CENTROID in.	.451	.692
MIN RADIUS	.151	.266
MEAN RADIUS	1.049	.872
MAX RADIUS	1.850	1.473
HORIZONTAL SPREAD	3.019	1.844
VERTICAL SPREAD	2.698	2.643
EXTREME SPREAD	3.063	2.685
NUMBER IN ONE INCH CIRCLE	= 1	
NUMBER IN TWO INCH CIRCLE	= 4	
NUMBER IN THREE INCH CIRCLE	= 9	

Remington
MODEL 700TM M24

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

DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6348825

ORDER NO.
5716

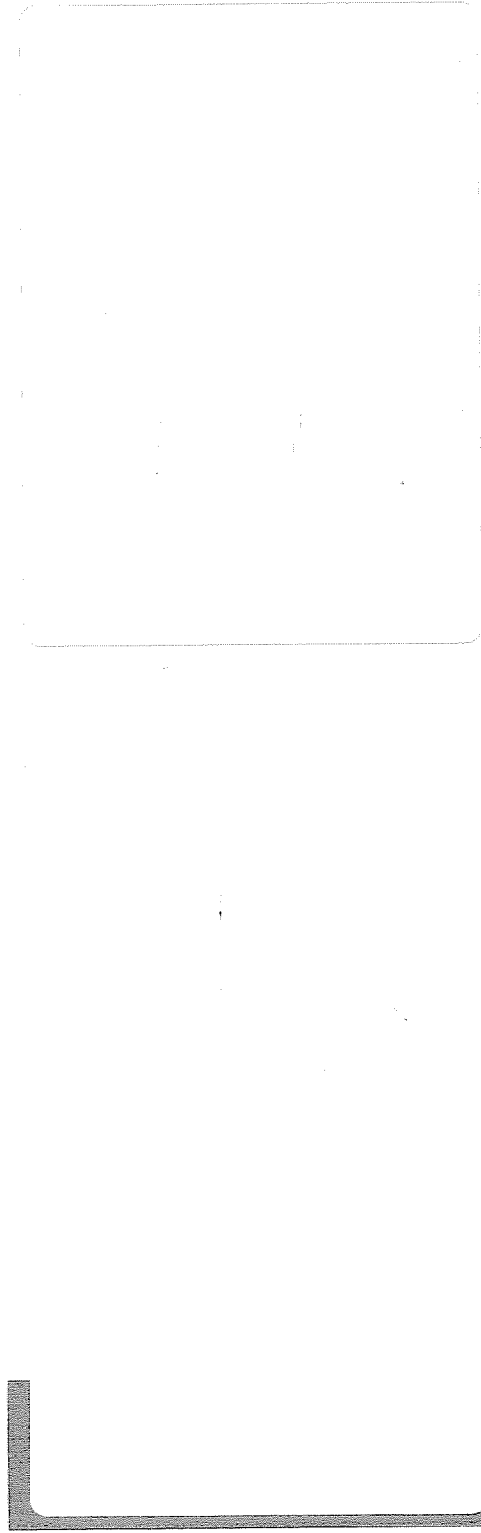
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

01

5716 C6348825

LPC

0 47700 25716 7



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348825

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	7 11	89	RW
600	Proof	7 11	89	RW
607	Check Headspace		89	RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		7/13	KCR
	Magnaflux Bolt	7 13	7/13	KCR
615	Rollmark Caliber		7/13	ES.
617	Drill and Tap Sight Holes	7 13	89	LB
618	Polish Barrel	7 13	89	BT
620	Apply Coatings (Barrel Action)		7/21/89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/25/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/25/89	RW
	C) Inspect Ejector Hole for Chamfer		7/25/89	RW
	D) Oil Firing Pin Ass'y		7/25/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		7/25/89	ES

op. #	OP. NAME	READINGS	DATE	INIT
625 cont.	F) Safety On Force	7 6 6	7/28/89	JS
	G) Safety Off Force	4 4 4	7/28/89	JS
	H) Trigger Pull Test & Retainability		7/28/89	JS
	I) Firing Pin Indent	0205 0205 0205	7/28/89	JS
	J) Assemble Stock		7/28/89	RW
	K) Assemble Swivel Studs		7/28/89	JS
	L) Attach Front and Rear Sight Assemblies		7/28/89	RW
	M) Iron Sight Alignment		7/28/89	RW
	N) Detach Front & Rear Sights & place in numbered container		7/28/89	RW
	O) Attach Scope to Rifle		7/28/89	WB
	P) Detach & Attach Scope 20 Times		7/28/89	WB
640	Gallery Target & Test	48R 103L	7/31/89	DH
	A) Time		7/31/89	DH
	B) Malfunctions		7/31/89	DH
	C) Pierced Primers		7/31/89	DH
	D) Optical Clarity of Scope		7/31/89	DH
645	Inspect for Live Ammo		7/31/89	DH
655	Final Inspection			
	A) Headspace		1 aug 89	JS
	B) Trigger Pull	251 227 235 235 234	1 aug 89	JS
	C) Function		1 aug 89	JS
660	Pack		20 Sept 89	JS

repaired stock at front Swivel 13 Sept 89

SWS TRIGGER PULL TEST

BARBER - M24 0039156

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 8885

DATE _____

TESTER _____

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.48	2.41	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.56	2.45	2.34	
PULL #3	2.50	2.41	2.37	
PULL #4	2.55	2.41	2.37	
PULL #5	2.45	2.35	2.33	
TOTAL	12.54	12.03	11.79	
AVG.	2.50	2.40	2.35	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.09	3.05	
PULL #2	3.17	3.14	
PULL #3	3.18	3.12	
PULL #4	3.22	3.18	
PULL #5	3.21	3.15	
TOTAL	15.87	15.64	
AVG.	3.17	3.12	

	4.00# INITIAL	4.00#-AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.17	4.02		
PULL #2	4.17	4.06		
PULL #3	4.18	4.08		
PULL #4	4.19	4.11		
PULL #5	4.16	4.10		
TOTAL	20.81	20.37		
AVG.	4.16	4.07		

Final Inspection

Sn: C6348825

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: _____

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348825
1 Aug 1989

CENTROIDAL DISTANCES

0 TO 1 .92487
1 TO 2 .219859
1 TO 3 .278352
1 TO 4 .36731
1 TO 5 .211533

+ 4.5 -----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .8006
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .3006
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .855173
THE RMR FOR THIS RIFLE IS: 1.117

31 JUL 1985

FILE: PATTERNING/CENTERFIRE_PATT/C834B325

CENTERFIRE PATTERNS

1

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 3

2in = 6

3in = 8

HS = 3.657

VS = 2.627

GS = 3.710

CENTROID *

PATTERN #	1	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.132	.851	.819
MINIMUM X	-2.525	-.988	-1.020
MAXIMUM Y	1.875	1.817	.597
MINIMUM Y	-.752	-.810	-.583
CENTROID X	.891	1.172	1.204
CENTROID Y	.248	.306	.079
POA TO CENTROID in.	.925	1.211	1.267
MIN RADIUS	.061	.225	.102
MEAN RADIUS	.977	.776	.587
MAX RADIUS	2.578	1.835	1.042
HORIZONTAL SPREAD	3.657	1.839	1.839
VERTICAL SPREAD	2.627	2.627	1.180
EXTREME SPREAD	3.710	2.660	1.840
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

31 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06340825

CENTERFIRE PATTERNS

2

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.336

VS= 2.880

GS= 3.126

CENTROID *

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.693	.691	.610
MINIMUM X	:	-.703	-.645	-.498
MAXIMUM Y	:	1.343	1.172	1.318
MINIMUM Y	:	-1.537	-1.225	-1.073
CENTROID X	:	.724	.666	.747
CENTROID Y	:	.391	.562	.416
POA TO CENTROID in.	:	.823	.872	.955
MIN RADIUS	:	.357	.197	.333
MEAN RADIUS	:	.984	.906	.838
MAX RADIUS	:	1.623	1.335	1.408
HORIZONTAL SPREAD	:	1.336	1.336	1.108
VERTICAL SPREAD	:	2.880	2.397	2.397
EXTREME SPREAD	:	3.126	2.423	2.401
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

31 JUL 1989

FILE: PATTERNING/CENTERFIRE BATT/C634B825

CENTERFIRE PATTERNS

3

POA

1in circle

2in circle

3in circle

OF SHOTS = 10

IN CIR

1in = 2

2in = 6

3in = 8

HS = 2.229

VS = 4.142

GS = 4.198

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.925	.985	.974
MINIMUM X	-1.304	-1.244	-1.255
MAXIMUM Y	2.129	1.347	1.125
MINIMUM Y	-2.013	-1.777	-1.874
CENTROID X	.877	.817	.828
CENTROID Y	.526	.290	.512
POA TO CENTROID in.	1.023	.967	.974
MIN RADIUS	.375	.151	.364
MEAN RADIUS	1.072	.902	.808
MAX RADIUS	2.195	1.779	1.305
HORIZONTAL SPREAD	2.229	2.229	2.229
VERTICAL SPREAD	4.142	3.124	1.999
EXTREME SPREAD	4.198	3.145	2.229
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

31 Jul 1989

FILE: \PATTERNING\CENTERFIRE_PATT\06340825

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

+ OF SHOTS = 10

IN CIR

1 in = 1

2 in = 3

3 in = 5

HS = 4.038

VS = 2.182

GS = 4.468

CENTROID #

PATTERN #	:	4
SHOTS (BEST OF)	:	10
MAXIMUM X	:	1.759
MINIMUM X	:	-2.279
MAXIMUM Y	:	.947
MINIMUM Y	:	-1.235
CENTROID X	:	.525
CENTROID Y	:	.279
POA TO CENTROID in.	:	.595
MIN RADIUS	:	.269
MEAN RADIUS	:	1.408
MAX RADIUS	:	2.468
HORIZONTAL SPREAD	:	4.038
VERTICAL SPREAD	:	2.182
EXTREME SPREAD	:	4.468
NUMBER IN ONE INCH CIRCLE	=	1
NUMBER IN TWO INCH CIRCLE	=	3
NUMBER IN THREE INCH CIRCLE	=	5

31 Jul 1989

FILE:/PATTERNING/CENTERFIRE_PATT/G834B825

CENTERFIRE PATTERNS # 5

POR

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 7

HE= 3.407

VS= 2.396

GS= 3.601

CENTROID #

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.483	1.270	1.112
MINIMUM X	-1.924	-1.028	-0.870
MAXIMUM Y	1.565	1.562	1.704
MINIMUM Y	-0.831	-0.834	-0.692
CENTROID X	.986	1.199	1.041
CENTROID Y	.059	.062	-0.080
POR TO CENTROID in.	.987	1.201	1.044
MIN RADIUS	.488	.502	.344
MEAN RADIUS	1.144	1.063	.933
MAX RADIUS	1.924	1.702	1.723
HORIZONTAL SPREAD	3.407	2.298	1.982
VERTICAL SPREAD	2.396	2.396	2.396
EXTREME SPREAD	3.601	2.893	2.759
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		4	
NUMBER IN THREE INCH CIRCLE =		7	