

G 6590108

Replaced

G 6860998

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: RE00156056

Serial: G6590108 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 12/1/2008 11:16:08 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: ITT SYSTEMS SECURED WAREHOUSE

ITT SYSTEMS SECURED WAREHOUSE

Address 1: UPTON AVENUE

UPTON AVENUE

Address 2: BUILDING 490

PO Box:

BUILDING 490

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

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
A010	Hard Case A 2	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

12/2/2008

10:12 AM

CAPS

NUM

INS

SCAL



Serial Number: **G6590108**

Model: **M24 SWS**



RE00156056

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

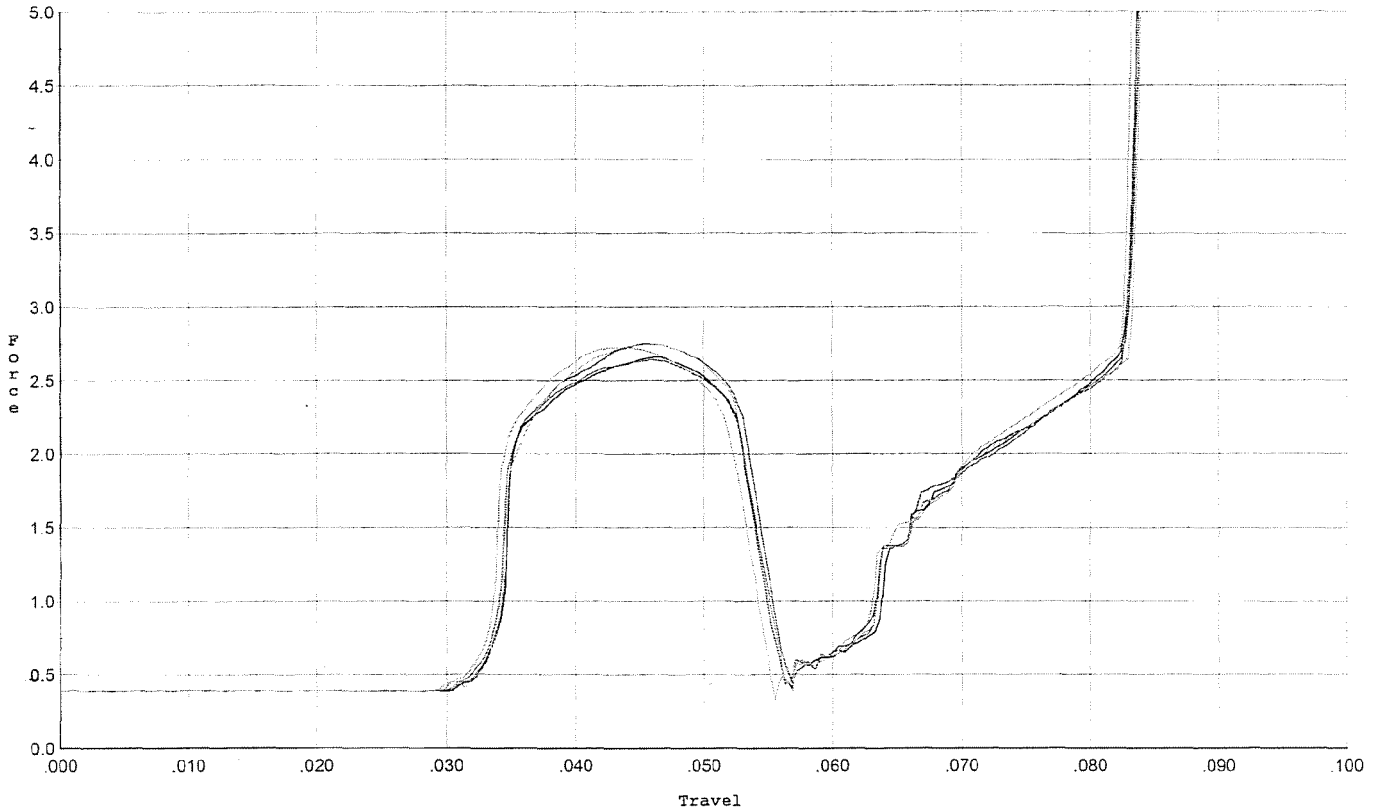
R & E NUMBER 156056
SERIAL NUMBER G6590108
LOG-IN DATE 12-1-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	12-2-08	RBN
505	RE-BARREL	12-3-08	RBN
560	ASSEMBLE	12-3-08	RBN
600	PROOF	12-3-08	R.P.D.
605	CHECK HEADSPACE	12-3-08	R.P.D.
610	DIS-ASSEMBLE GUN	12-3-08	R.P.D.
612	MAGNAFLUX	12/4/08	RBN
510	DRILL AND TAP	12-4-08	SP
615	ROLLMARK CALIBER	12/9/08	
618	ROTO-BLAST		
620	APPLY COATINGS	12/16	
625	FINAL ASSEMBLY	12-17-08	RBN
640	FUNCTION TEST AND	12-17-08	R.P.D.
650	TARGET	12-17-08	R.P.D.
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	12-17-08	RP
	A) HEADSPACE	12-18-08	RP
		12-18-08	RP
	4-5 LBS MIN 2.50 LBS MAX 4.0 LBS BI TRIGGER PULL	252 258 260 257 259	12-18-08 RP
680	2 LBS MIN 10 LBS MAX FI SAFETY ON FORCE	50 50 50	12-18-08 RP
	2 LBS FI SAFETY OFF FORCE	60 60 60	12-18-08 RP
	I) FIRING PIN INDENT .020	.025 .025 .025	12-18-08 RP
690	PACK		1/6/09 FN

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C Schults 11/20/2008

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



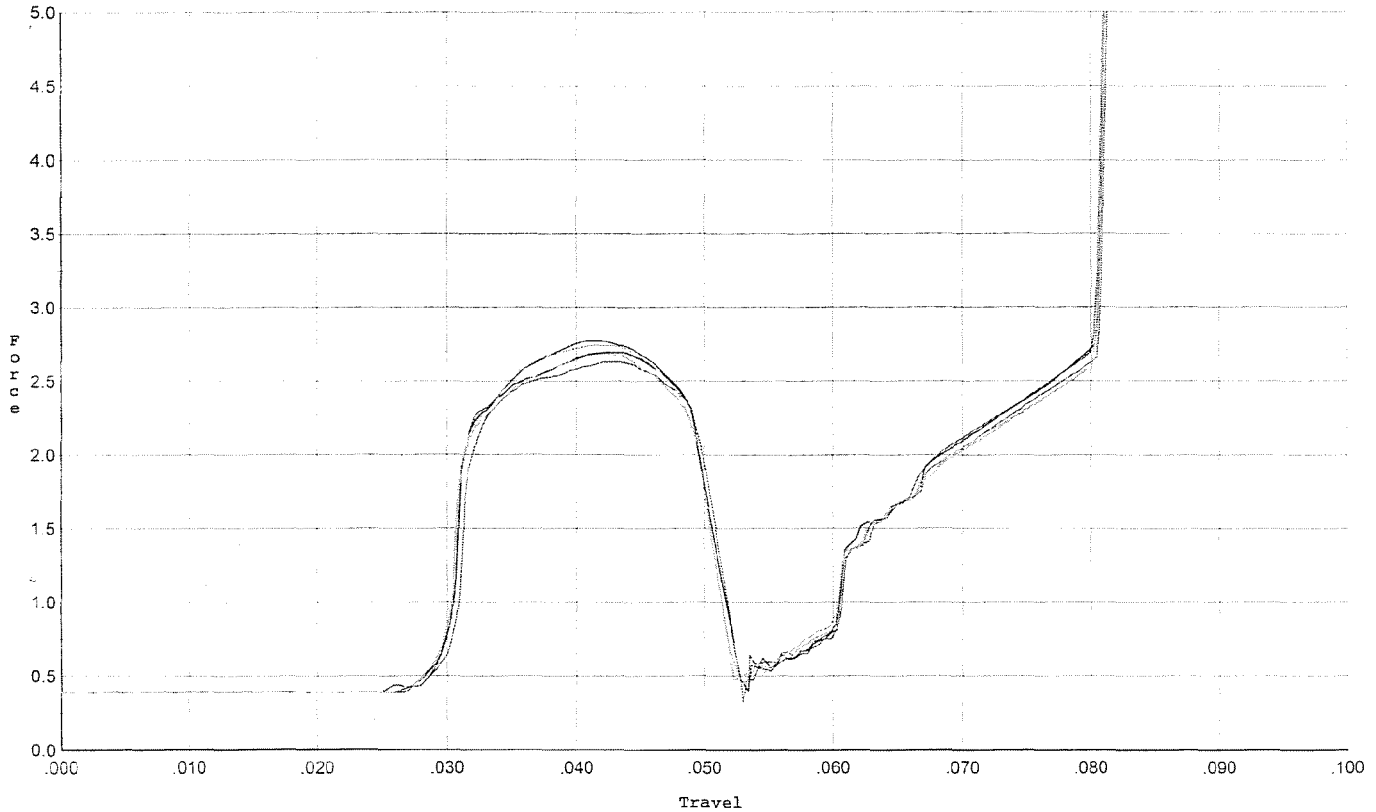
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.748	0.053	0.033	0.035	0.062		Set Trigger
2	2.663	0.053	0.033	0.035	0.059		Set Trigger
3	2.643	0.053	0.033	0.035	0.060		Set Trigger
4	2.746	0.052	0.033	0.035	0.060		Set Trigger
5	2.723	0.053	0.032	0.034	0.061		Set Trigger

A-2.70

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C Schults 11/20/2008

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



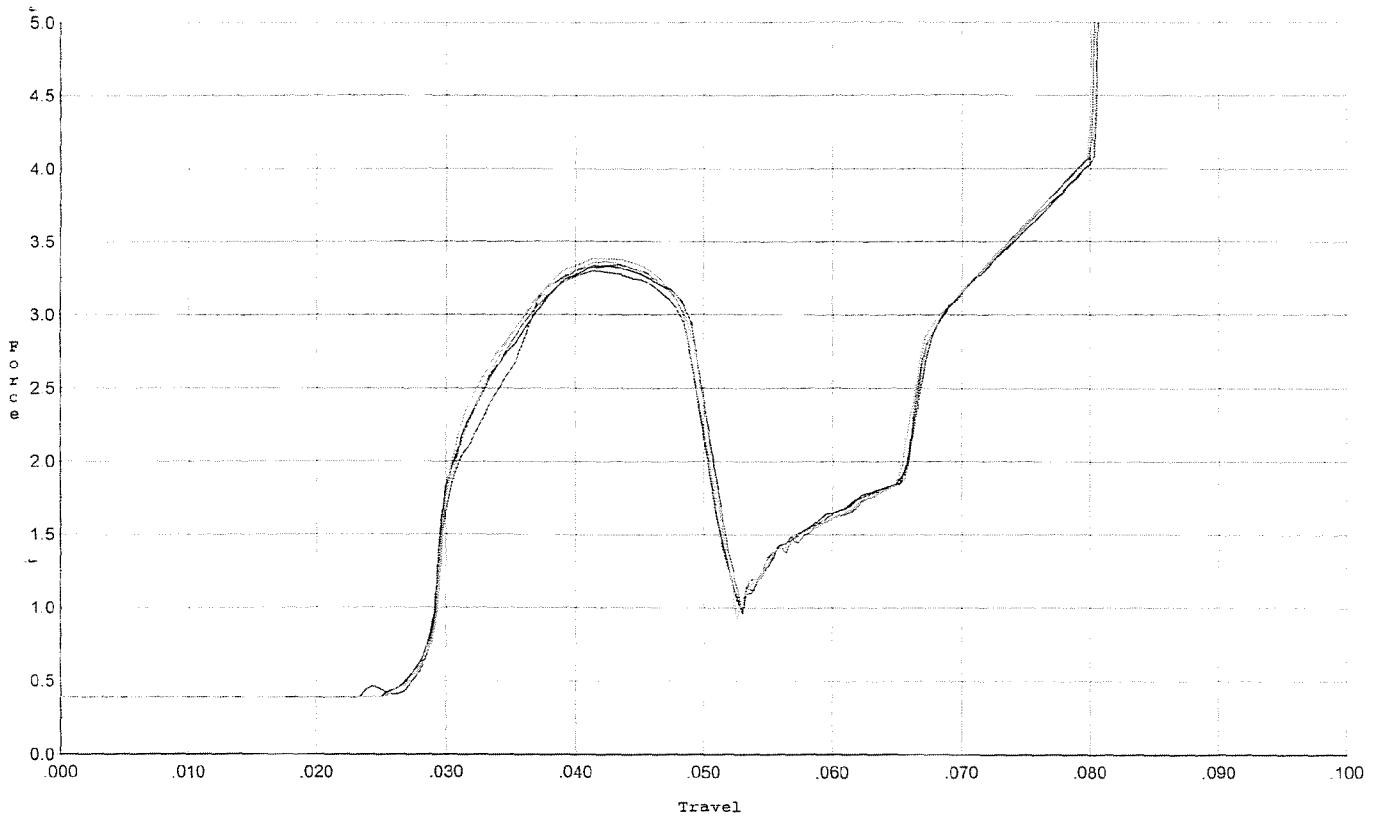
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.776	0.049	0.029	0.034	0.060		Set Trigger
2	2.695	0.049	0.030	0.035	0.059		Set Trigger
3	2.631	0.050	0.030	0.034	0.059		Set Trigger
4	2.742	0.049	0.029	0.034	0.060		Set Trigger
5	2.686	0.049	0.029	0.035	0.059		Set Trigger

A-2.70

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 11/20/2008

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



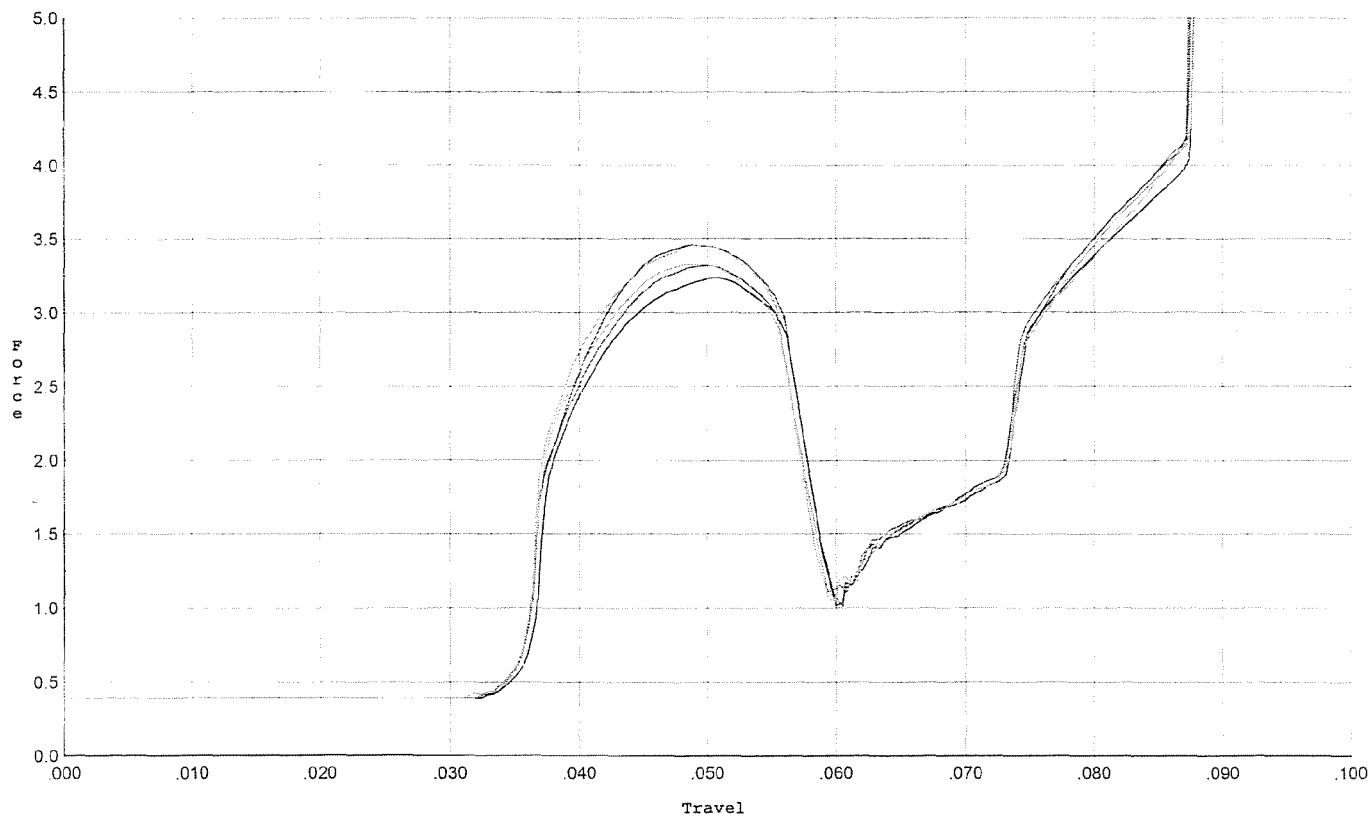
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.339	0.049	0.027	0.033	0.070		Set Trigger
2	3.333	0.048	0.028	0.033	0.069		Set Trigger
3	3.299	0.049	0.028	0.033	0.069		Set Trigger
4	3.362	0.048	0.029	0.033	0.070		Set Trigger
5	3.384	0.049	0.028	0.033	0.072		Set Trigger

A-3.34

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C Schults 11/20/2008

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



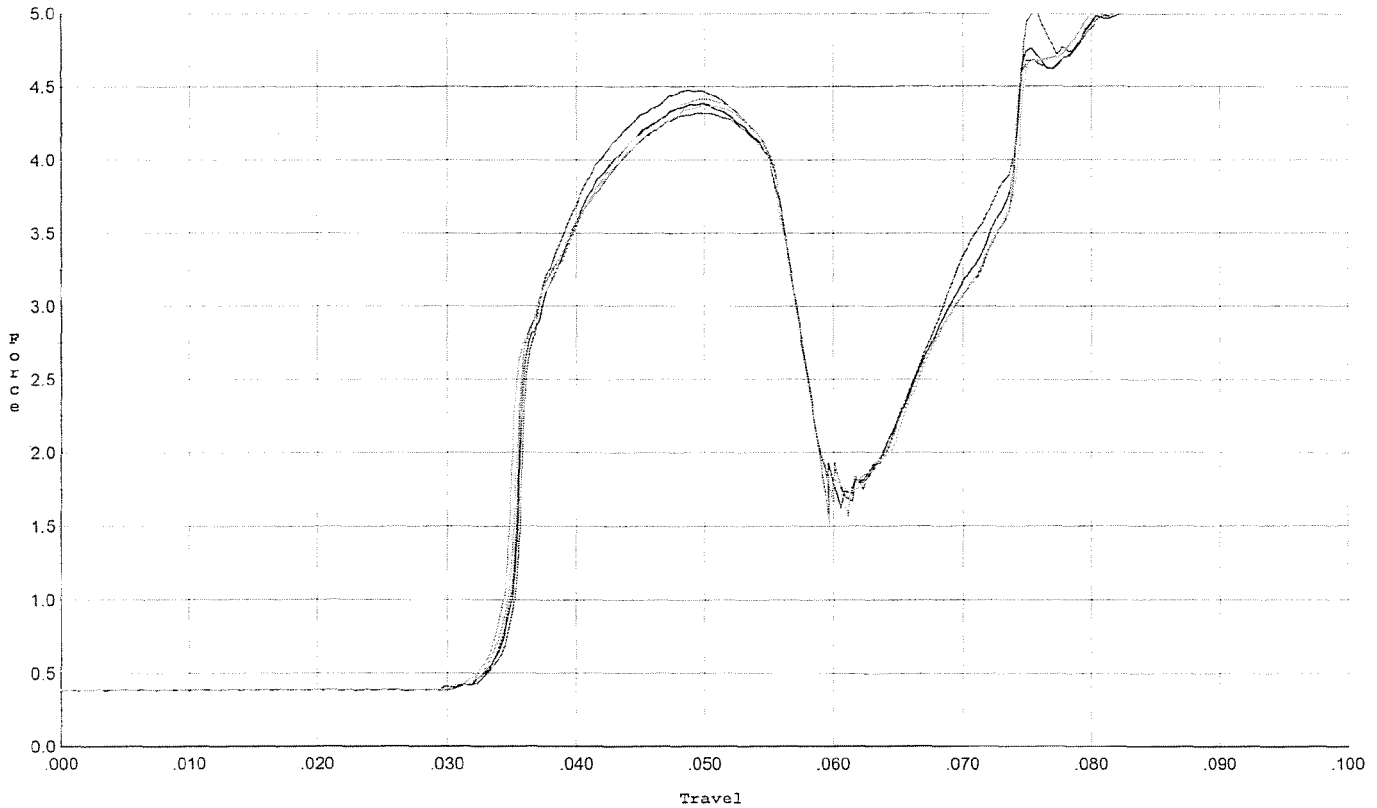
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.456	0.056	0.035	0.035	0.076		Set Trigger
2	3.235	0.056	0.036	0.036	0.072		Set Trigger
3	3.317	0.055	0.035	0.036	0.072		Set Trigger
4	3.328	0.056	0.035	0.036	0.073		Set Trigger
5	3.455	0.055	0.035	0.036	0.075		Set Trigger

A-335

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 11/20/2008

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



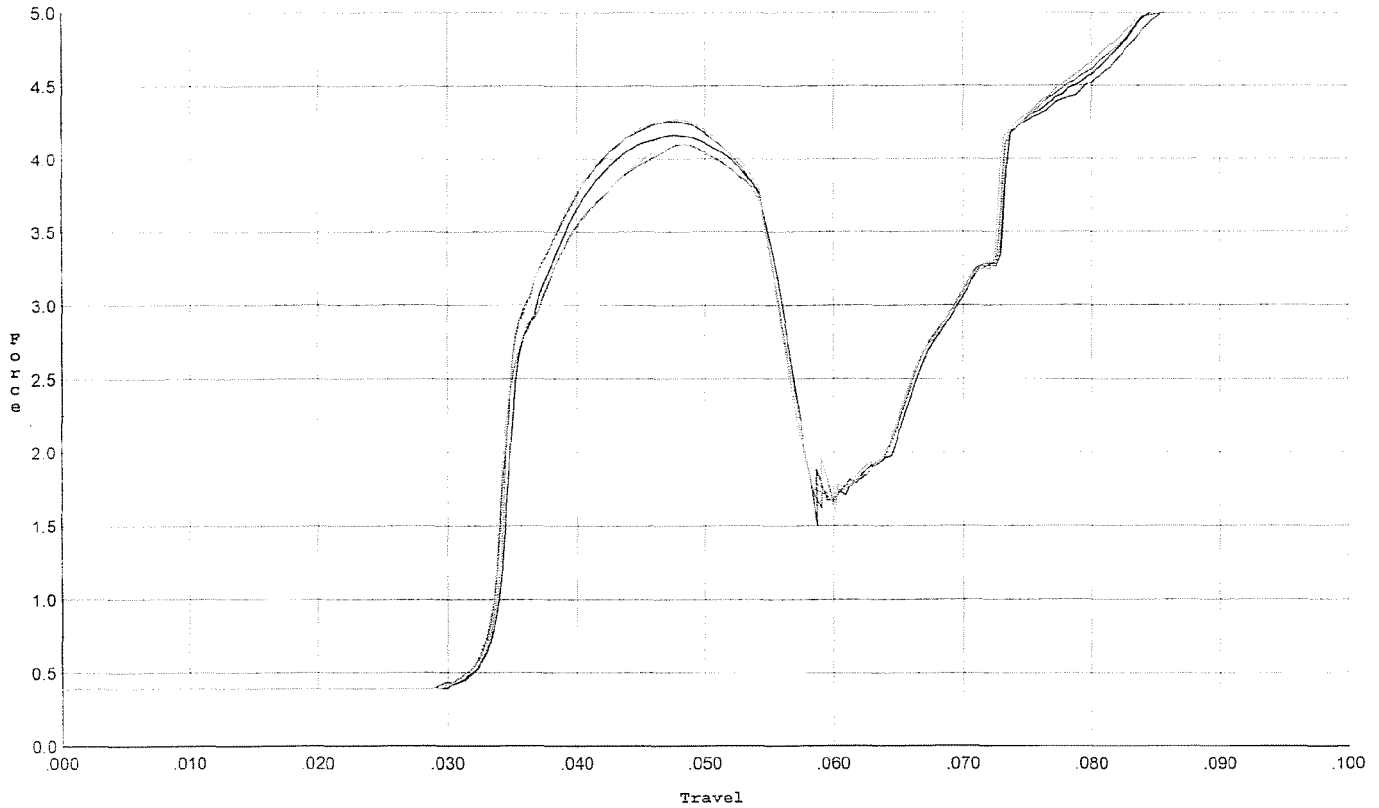
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.476	0.056	0.034	0.034	0.097		Set Trigger
2	4.385	0.056	0.034	0.034	0.096		Set Trigger
3	4.320	0.056	0.034	0.034	0.096		Set Trigger
4	4.373	0.055	0.033	0.034	0.096		Set Trigger
5	4.417	0.056	0.033	0.034	0.098		Set Trigger

A. 4.39

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 11/20/2008

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



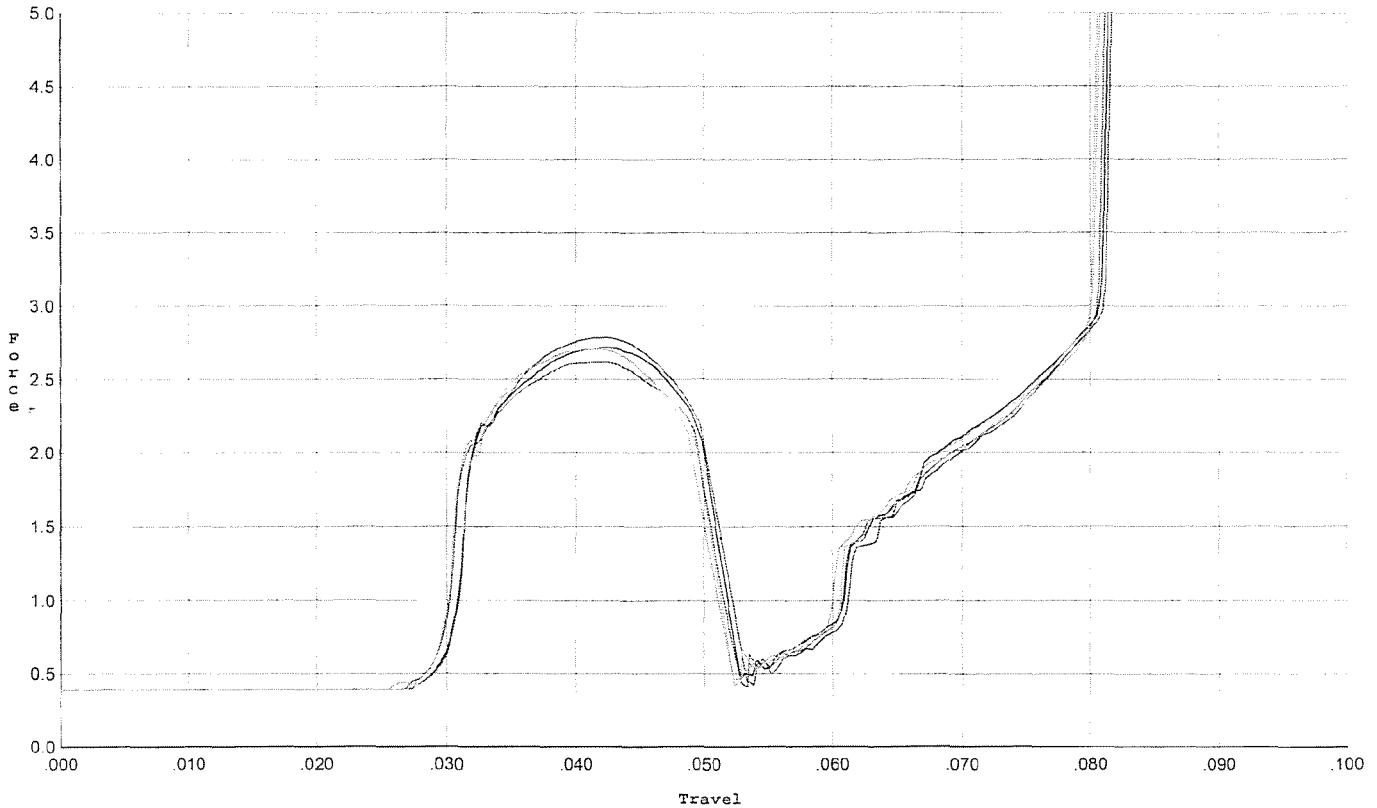
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.255	0.054	0.033	0.034	0.093		Set Trigger
2	4.165	0.056	0.033	0.034	0.094		Set Trigger
3	4.097	0.054	0.033	0.034	0.090		Set Trigger
4	4.270	0.054	0.033	0.034	0.093		Set Trigger
5	4.100	0.054	0.033	0.034	0.090		Set Trigger

A-4.17

Trigger Profile [lbs,inch]

Profile: SWS
 GunType: Rifle
 Make: Remington
 Note: C Schults 11/20/2008

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



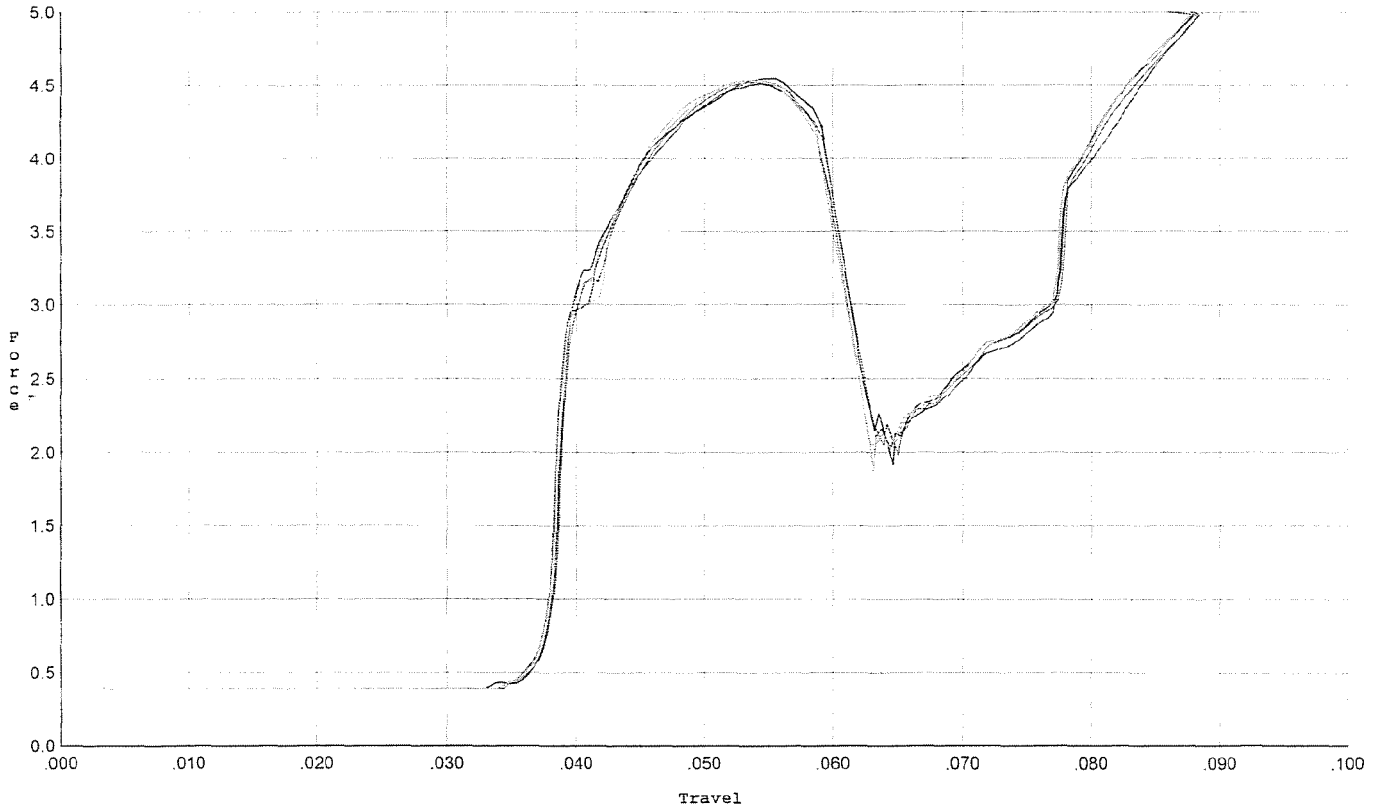
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.785	0.051	0.030	0.034	0.062		Set Trigger
2	2.717	0.050	0.030	0.034	0.059		Set Trigger
3	2.615	0.049	0.029	0.035	0.058		Set Trigger
4	2.707	0.049	0.030	0.034	0.058		Set Trigger
5	2.707	0.049	0.029	0.035	0.058		Set Trigger

A-2.70

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: C Schults 11/20/2008

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



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.509	0.060	0.037	0.034	0.104		Set Trigger
2	4.545	0.059	0.037	0.034	0.102		Set Trigger
3	4.521	0.059	0.037	0.035	0.102		Set Trigger
4	4.528	0.061	0.037	0.034	0.104		Set Trigger
5	4.539	0.060	0.037	0.034	0.104		Set Trigger

A. 4.52

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590108.___0
FILE DATE AND TIME: 12/18/2008 07:32

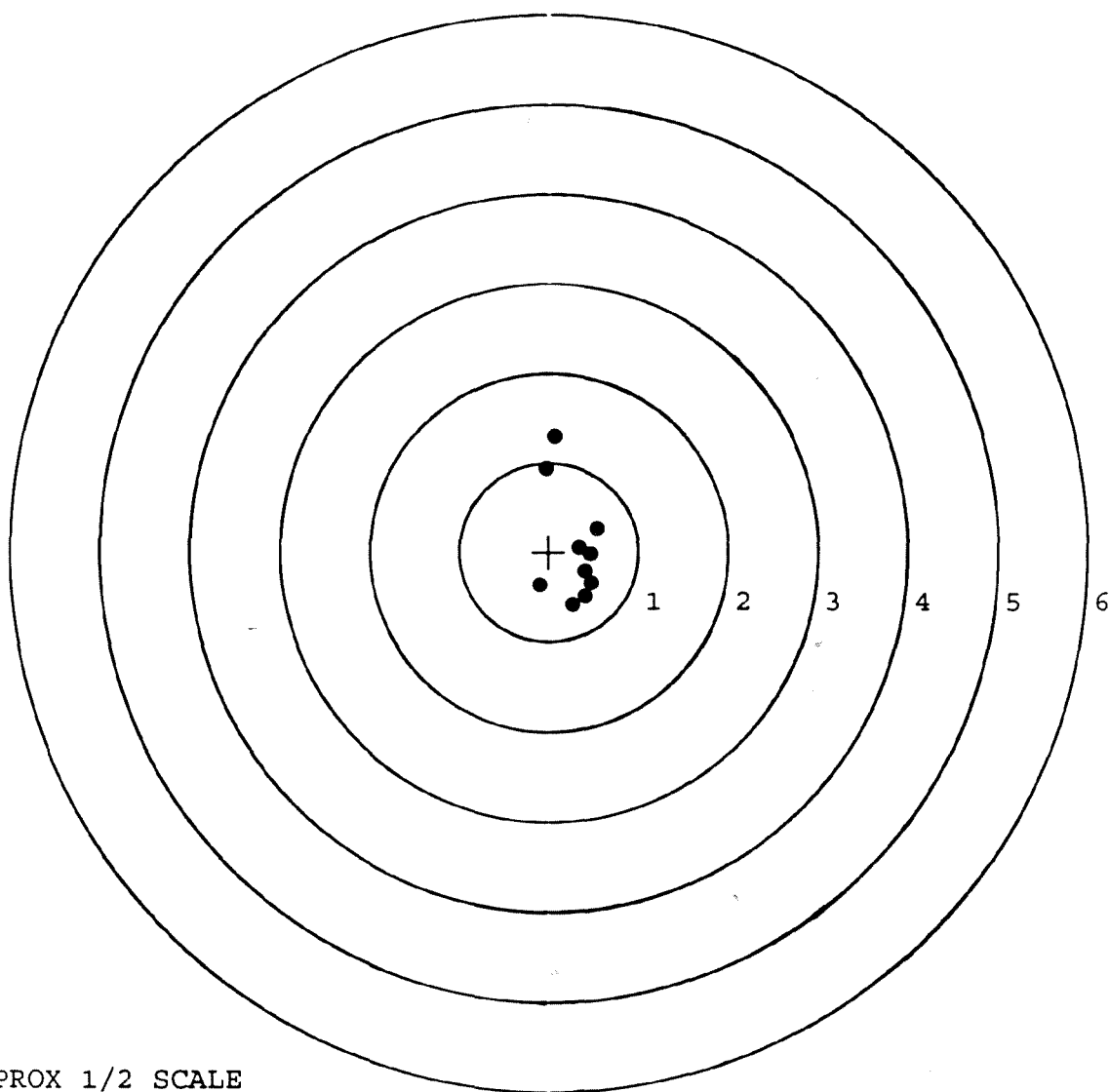
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.060
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.064
The Average Mean Radius of the Five Target Set:	0.684
The Distance from POA to Centroid Target #1:	0.289
The Distance from Centroid Target #2 to Centroid Target #1:	0.350
The Distance from Centroid Target #3 to Centroid Target #1:	0.423
The Distance from Centroid Target #4 to Centroid Target #1:	0.295
The Distance from Centroid Target #5 to Centroid Target #1:	0.130

SERIAL NUMBER: G6590108. __0
TARGET NUMBER: 1
FILE DATE: 12/18/2008
FILE TIME: 07:32

POINT#	X	Y
1:	0.068	1.288
2:	-0.030	0.935
3:	0.535	0.265
4:	0.342	0.055
5:	0.468	-0.026
6:	0.411	-0.225
7:	0.476	-0.359
8:	0.413	-0.502
9:	0.269	-0.596
10:	-0.101	-0.376

X CENTROID: 0.285
Y CENTROID: 0.046
POA TO CENTROID: 0.289
HORZ SPREAD: 0.636
VERT SPREAD: 1.884
GROUP SPREAD: 1.895
MIN RADIUS: 0.058
MAX RADIUS: 1.261
MEAN RADIUS: 0.531
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590108. __0

TARGET NUMBER: 2

FILE DATE: 12/18/2008

FILE TIME: 07:32

POINT#	X	Y
1:	0.143	-1.334
2:	0.161	-1.058
3:	0.025	-0.356
4:	0.249	-0.287
5:	0.461	-0.186
6:	-0.148	0.375
7:	-0.381	0.400
8:	-0.656	0.415
9:	-0.572	0.912
10:	0.199	0.630

X CENTROID: -0.052

Y CENTROID: -0.049

POA TO CENTROID: 0.071

HORZ SPREAD: 1.117

VERT SPREAD: 2.246

GROUP SPREAD: 2.357

MIN RADIUS: 0.317

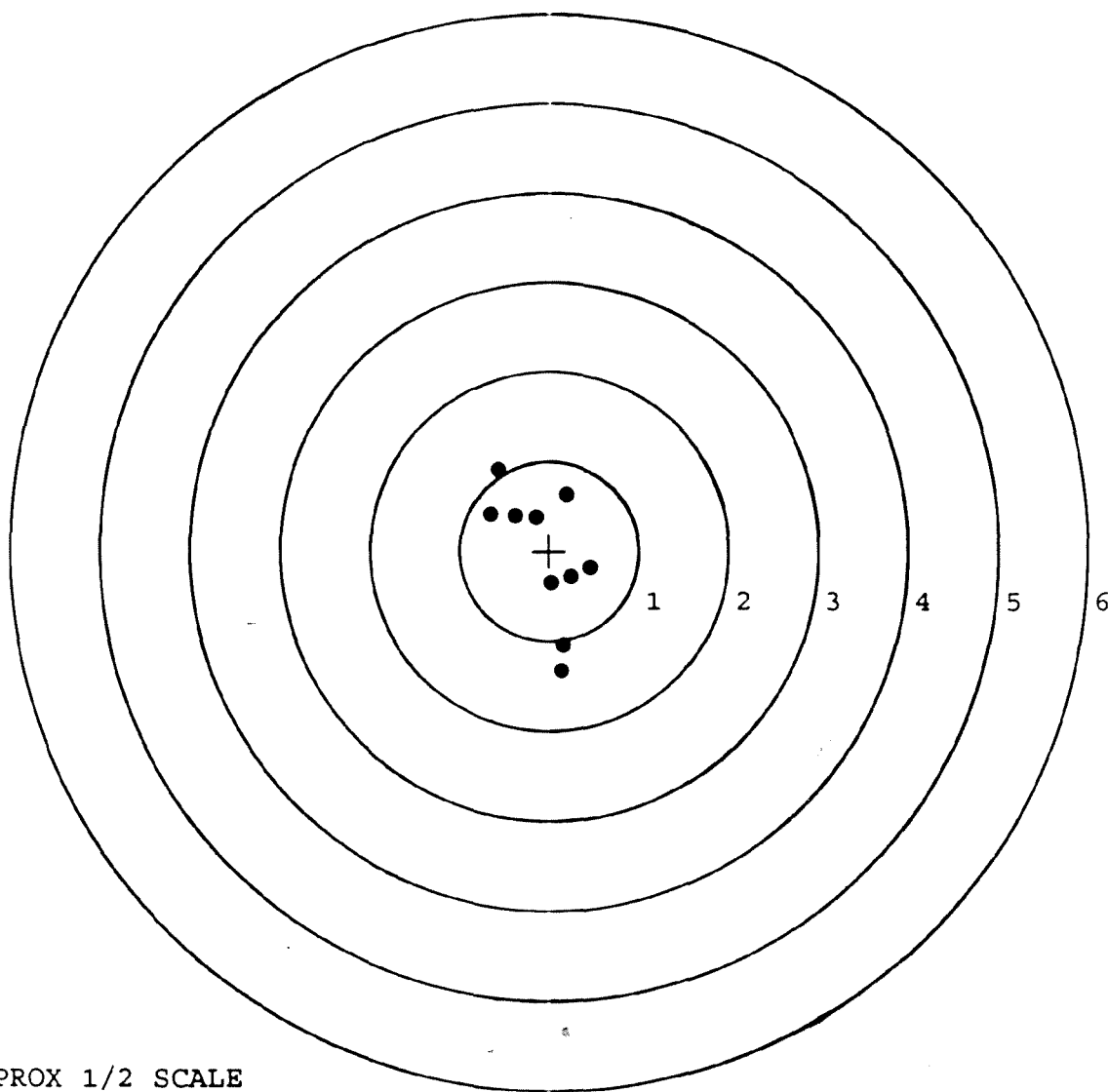
MAX RADIUS: 1.300

MEAN RADIUS: 0.713

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590108. 0

TARGET NUMBER: 3

FILE DATE: 12/18/2008

FILE TIME: 07:32

POINT#	X	Y
1:	0.443	0.902
2:	0.078	0.485
3:	-0.281	0.631
4:	-0.361	0.468
5:	-0.382	0.239
6:	-0.299	-0.399
7:	-0.536	-0.511
8:	-0.499	-0.938
9:	0.154	-0.980
10:	0.529	-0.810

X CENTROID: -0.115

Y CENTROID: -0.091

POA TO CENTROID: 0.147

HORZ SPREAD: 1.065

VERT SPREAD: 1.882

GROUP SPREAD: 2.067

MIN RADIUS: 0.358

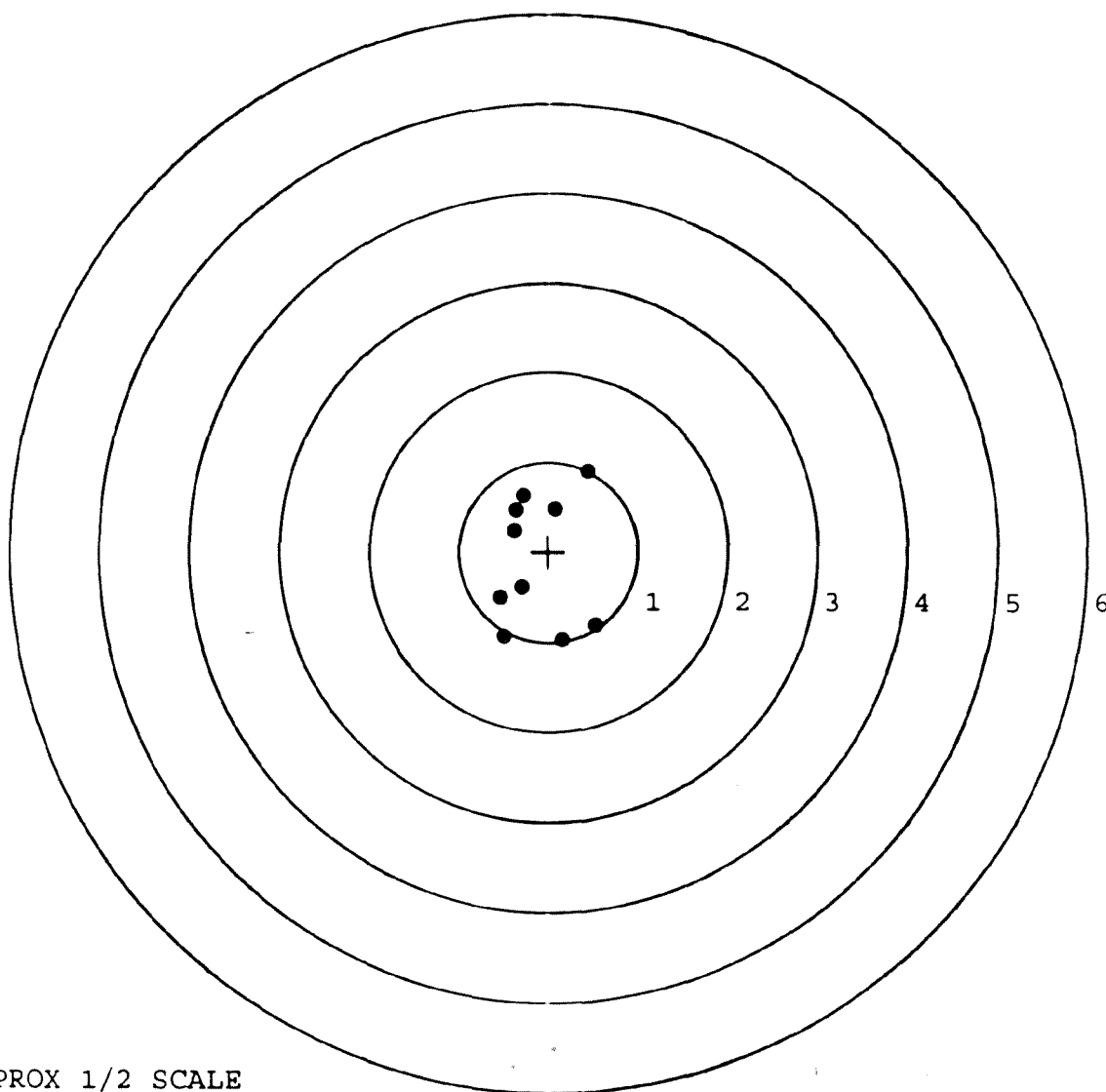
MAX RADIUS: 1.139

MEAN RADIUS: 0.730

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 10

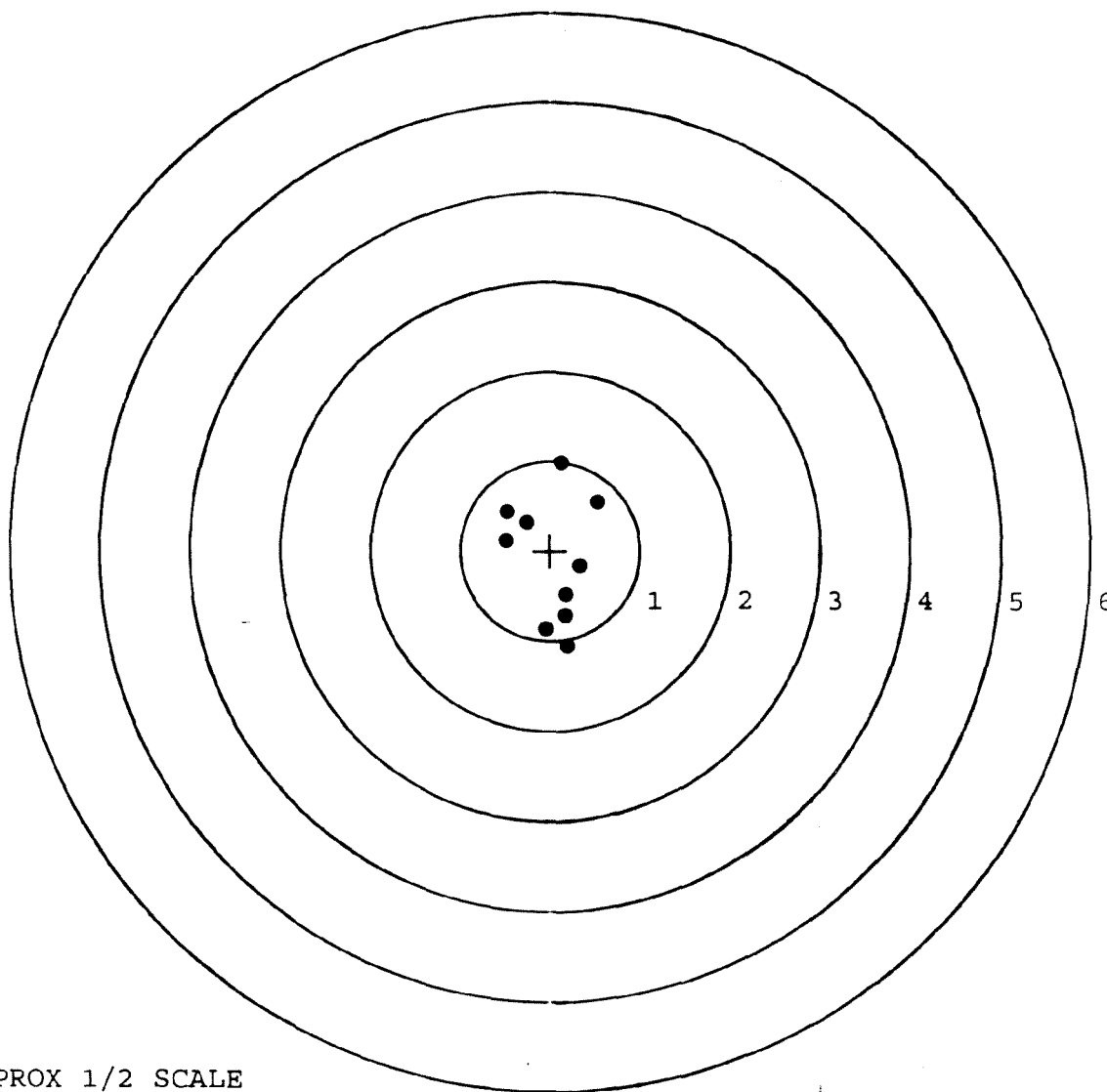


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590108. __ 0
TARGET NUMBER: 4
FILE DATE: 12/18/2008
FILE TIME: 07:32

POINT#	X	Y
1:	0.122	0.986
2:	0.529	0.542
3:	-0.485	0.436
4:	-0.261	0.315
5:	-0.491	0.114
6:	0.334	-0.172
7:	0.178	-0.491
8:	0.174	-0.724
9:	-0.048	-0.875
10:	0.196	-1.066

X CENTROID: 0.025
Y CENTROID: -0.094
POA TO CENTROID: 0.097
HORZ SPREAD: 1.020
VERT SPREAD: 2.052
GROUP SPREAD: 2.053
MIN RADIUS: 0.319
MAX RADIUS: 1.084
MEAN RADIUS: 0.685
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590108. __0

TARGET NUMBER: 5

FILE DATE: 12/18/2008

FILE TIME: 07:32

POINT#	X	Y
1:	0.453	-1.070
2:	0.094	-0.657
3:	0.019	-0.436
4:	-0.691	-0.525
5:	-0.158	0.449
6:	0.060	0.565
7:	-0.179	1.011
8:	0.383	0.768
9:	0.711	0.345
10:	0.898	0.320

X CENTROID: 0.159

Y CENTROID: 0.077

POA TO CENTROID: 0.177

HORZ SPREAD: 1.589

VERT SPREAD: 2.081

GROUP SPREAD: 2.175

MIN RADIUS: 0.489

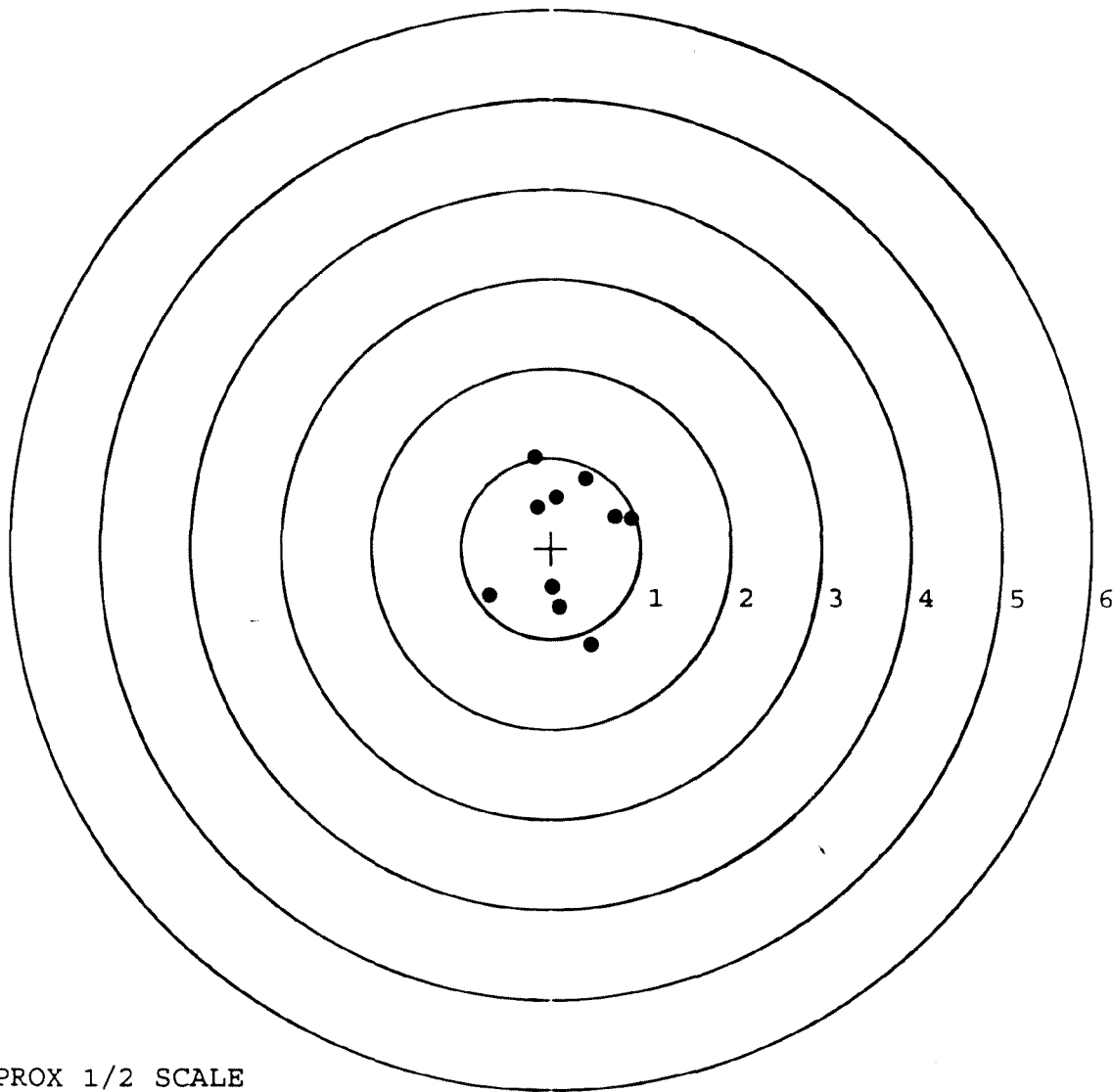
MAX RADIUS: 1.184

MEAN RADIUS: 0.759

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: RE00118094

Serial: G6360998 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 9/28/2006 8:41:46 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TRANSPORTATION DIVISION, DFEL

TRANSPORTATION DIVISION, DFEL

Address 1: 6759 MITCHELL AVENUE

6759 MITCHELL AVENUE

Address 2: BLDG 1836

PO Box:

BLDG 1836

PO Box:

City: FORT BENNING

FORT BENNING

State: GA

Zip Code: 31905

Country: US

State: GA

Zip Code: 31905

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

naglej

9/28/2006

8:48 AM

CAPS

NUM

INS

SCRL



Serial Number:

~~G6360998~~

Model: M24 SWS



RE00118094

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590108.___0
FILE DATE AND TIME: 10/11/2006 01:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.103
The Average Y Centroid of the Five Target Set:	-0.056
The Average Point of Impact of the Five Target Set:	0.117
The Average Mean Radius of the Five Target Set:	0.891
The Distance from POA to Centroid Target #1:	0.104
The Distance from Centroid Target #2 to Centroid Target #1:	0.238
The Distance from Centroid Target #3 to Centroid Target #1:	0.108
The Distance from Centroid Target #4 to Centroid Target #1:	0.216
The Distance from Centroid Target #5 to Centroid Target #1:	0.098

SERIAL NUMBER: G6590108. 0

TARGET NUMBER: 1

FILE DATE: 10/11/2006

FILE TIME: 01:32

X CENTROID: -0.082

Y CENTROID: -0.064

POA TO CENTROID: 0.104

HORZ SPREAD: 2.313

VERT SPREAD: 2.629

GROUP SPREAD: 2.850

MIN RADIUS: 0.135

MAX RADIUS: 1.554

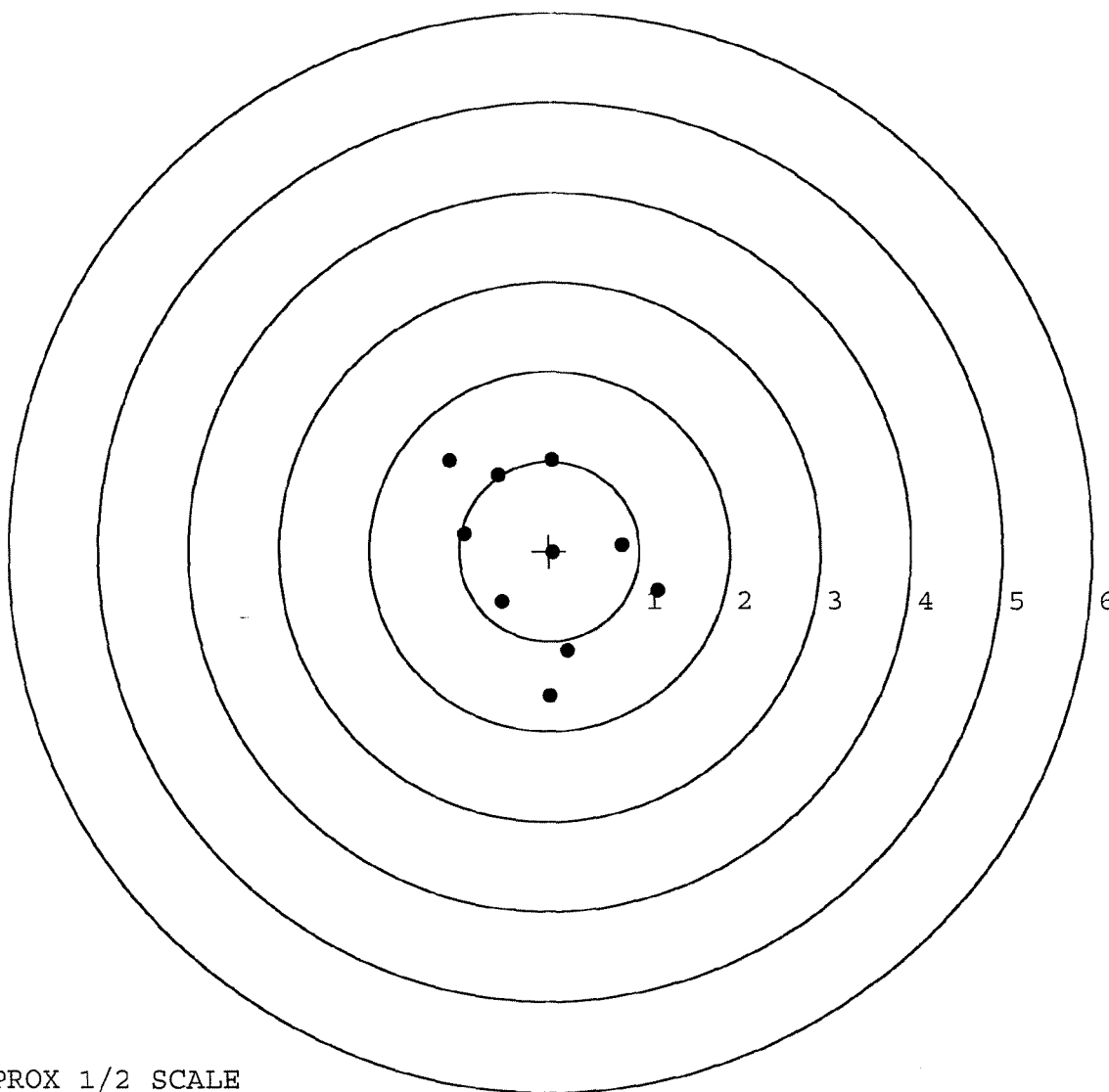
MEAN RADIUS: 1.018

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.026	-1.614
2:	0.207	-1.111
3:	1.203	-0.442
4:	0.813	0.067
5:	0.029	1.015
6:	-1.110	1.000
7:	-0.570	0.846
8:	-0.944	0.189
9:	-0.520	-0.571
10:	0.043	-0.014



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590108. 0

TARGET NUMBER: 2

FILE DATE: 10/11/2006

FILE TIME: 01:32

POINT#	X	Y
1:	1.454	-1.101
2:	-0.114	-1.354
3:	-0.587	-0.264
4:	0.162	-0.207
5:	0.637	-0.015
6:	0.263	0.729
7:	0.258	0.440
8:	0.049	0.237
9:	-0.299	0.574
10:	-0.341	0.902

X CENTROID: 0.148

Y CENTROID: -0.006

POA TO CENTROID: 0.148

HORZ SPREAD: 2.041

VERT SPREAD: 2.256

GROUP SPREAD: 2.690

MIN RADIUS: 0.202

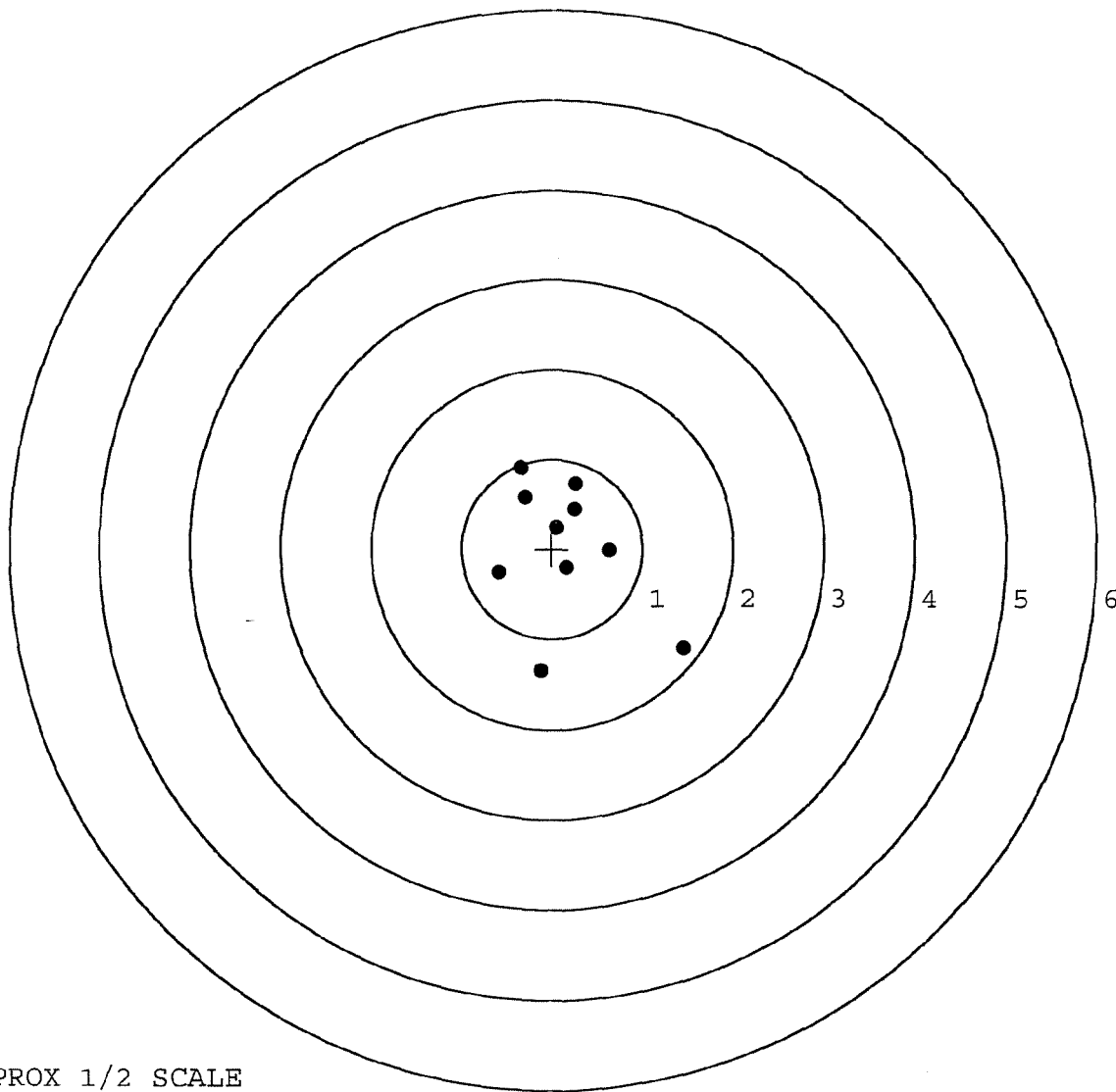
MAX RADIUS: 1.704

MEAN RADIUS: 0.778

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

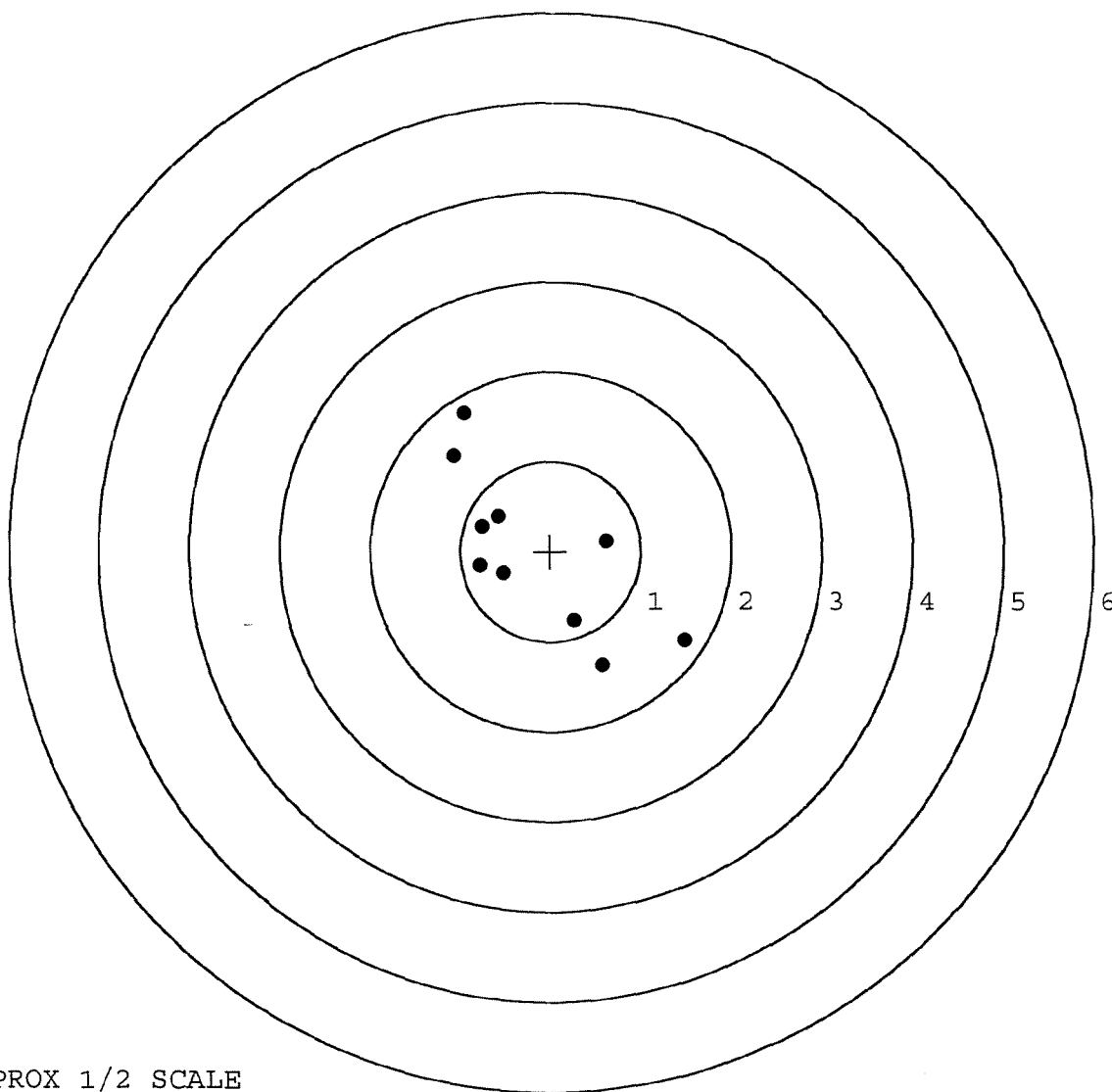


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590108. __ 0
 TARGET NUMBER: 3
 FILE DATE: 10/11/2006
 FILE TIME: 01:32

POINT#	X	Y
1:	1.490	-0.981
2:	0.580	-1.264
3:	0.267	-0.769
4:	0.621	0.112
5:	-0.521	-0.245
6:	-0.785	-0.162
7:	-0.581	0.392
8:	-0.761	0.270
9:	-1.079	1.065
10:	-0.961	1.538

X CENTROID: -0.173
 Y CENTROID: -0.004
 POA TO CENTROID: 0.173
 HORZ SPREAD: 2.569
 VERT SPREAD: 2.802
 GROUP SPREAD: 3.515
 MIN RADIUS: 0.423
 MAX RADIUS: 1.929
 MEAN RADIUS: 1.049
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

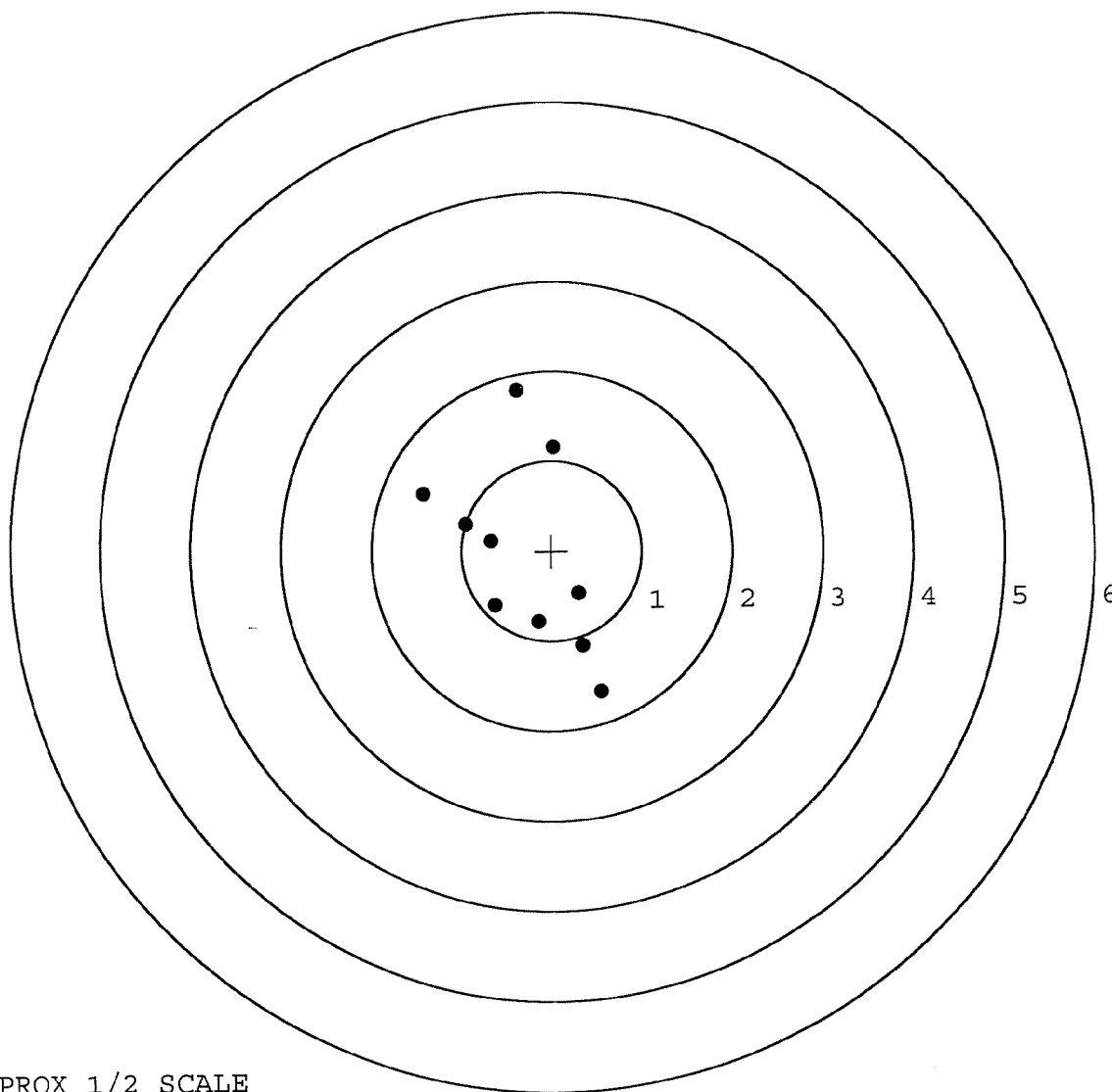


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590108.___0
TARGET NUMBER: 4
FILE DATE: 10/11/2006
FILE TIME: 01:32

X CENTROID: -0.298
Y CENTROID: -0.051
POA TO CENTROID: 0.303
HORZ SPREAD: 1.964
VERT SPREAD: 3.350
GROUP SPREAD: 3.475
MIN RADIUS: 0.409
MAX RADIUS: 1.835
MEAN RADIUS: 1.061
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-0.380	1.783
2:	0.031	1.148
3:	-1.422	0.641
4:	-0.947	0.301
5:	-0.671	0.117
6:	-0.630	-0.603
7:	-0.153	-0.793
8:	0.302	-0.478
9:	0.345	-1.055
10:	0.542	-1.567

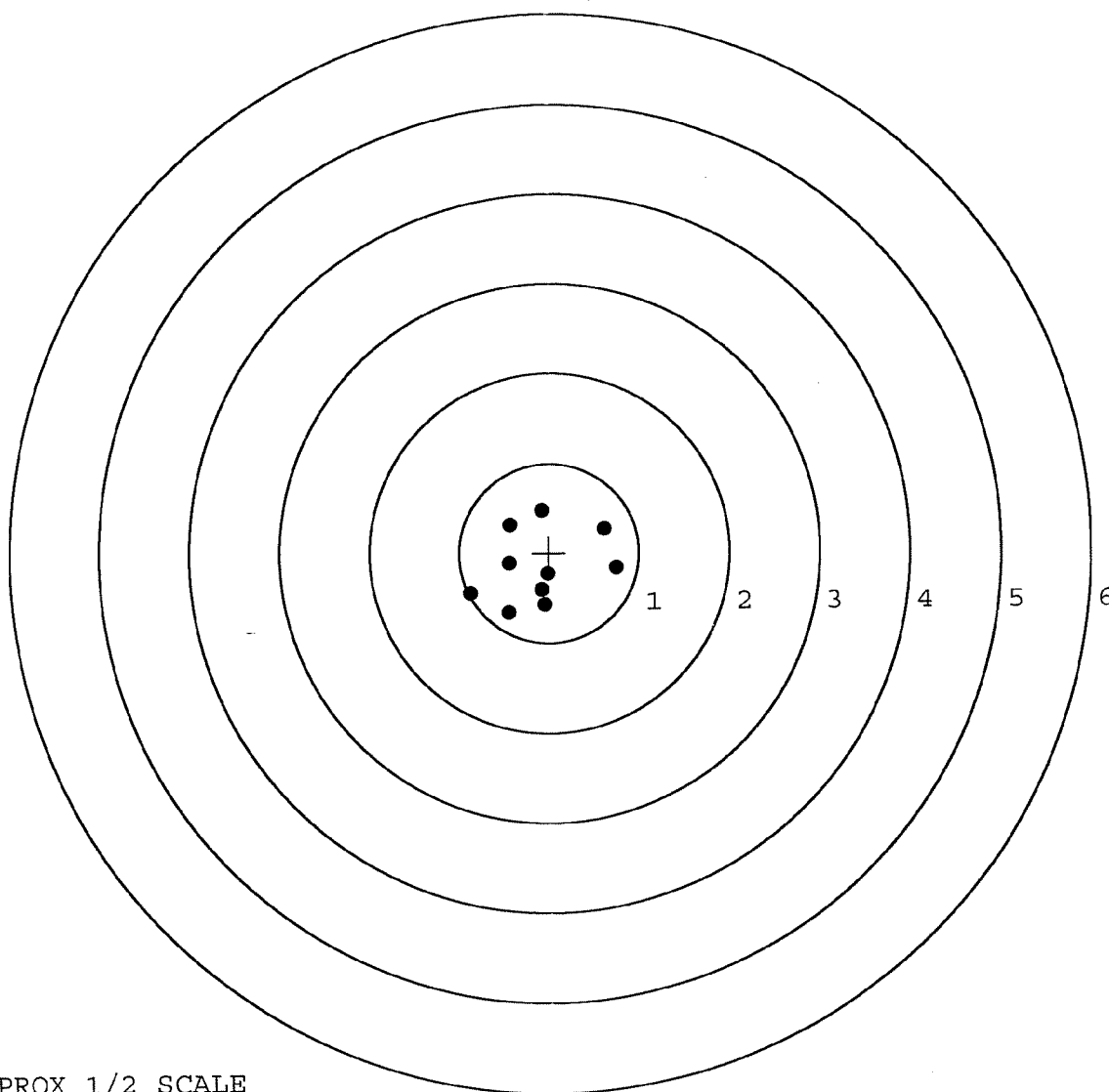


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590108. __0
TARGET NUMBER: 5
FILE DATE: 10/11/2006
FILE TIME: 01:32

POINT#	X	Y
1:	-0.875	-0.449
2:	-0.452	-0.671
3:	-0.053	-0.582
4:	-0.080	-0.418
5:	-0.019	-0.236
6:	-0.446	-0.118
7:	-0.438	0.318
8:	-0.081	0.478
9:	0.620	0.270
10:	0.748	-0.172

X CENTROID: -0.108
Y CENTROID: -0.158
POA TO CENTROID: 0.191
HORZ SPREAD: 1.623
VERT SPREAD: 1.149
GROUP SPREAD: 1.646
MIN RADIUS: 0.118
MAX RADIUS: 0.856
MEAN RADIUS: 0.550
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

DATE: 20060911

MAINTENANCE REQUEST

DA FORM 5990-E

CUSTOMER DATA

UIC: W2L58L
UTIL CODE: 0

HHC 2/29 INF. REGT.

PHONE: (706) 544-1450

ACTIVITY DATA

SUP WON:
SUP UIC: W6CR07

ITT

PHONE: 544-8635
SHOP SEC:

EQUIPMENT DATA

TYPE MNT REQ: 1 ID: A NSN: 1005012402136 MODEL: M24RIFLE

NOUN: RIFLE 7.62MM SNIP SER NUM: G6360998 / 881232 QTY: 00001

ORG WON: 2L58L1601273 PRIORITY: 03 FAILURE DETECTED: F

MI/KM: 000000 HOURS: ----- ROUNDS:

IN WARRANTY: N LEVEL OF WORK: F ADMIN NUM: S-47

DEFICIENCY: FIRING PIN NOTCH WORN

PD AUTHENTICATING SIGNATURE:

SIGNATURE DATA

SUBMITTED BY:

ORD DATE: 06256

MIL TIME: 1115

ACCEPTED BY: E. Bullard

STATUS: A

ORD DATE: 06256

MIL TIME: 1115

ACTION DATA

WORK STARTED BY: STATUS: ORD DATE: MIL TIME:

INSPECTED BY: STATUS: ORD DATE: MIL TIME:

PICKED UP BY: STATUS: ORD DATE: MIL TIME:

COMPLETION DATA

QTY RPR: QTY CONDEMNED: NRTS:

EVAC WON: EVAC UNIT NAME:

SSg Phillips
578-8183

WC W6GT A69
PC M9WM
TC WAR
WC MYAB

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

R & E NUMBER	118097		
SERIAL NUMBER	G6360928 G6590108 (New)		
LOG-IN DATE	9-28-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	9-30-06	RTZ
505	RE-BARREL	10-4-06	RTZ
420	ASSEMBLE	10-4-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED OCT 06 2006	TRW
460	CHECK HEADSPACE	10-4-06	TRW
470	DIS-ASSEMBLE GUN	10-4-06	RTZ
480	MAGNAFLUX	OPERATOR APD	APD
510	DRILL AND TAP	10-5-06	SD
500	ROLLMARK CALIBER	10-6-06	RA
520	GOFF BLAST BBL / REC	10-6-06	GB
530 & 540	APPLY COATINGS	10/9/06	RR
560	FINAL ASSEMBLY	10-10-06	RTZ
640	FUNCTION TEST AND	PASS FAIL	10-10-06 R.P.D.
650	TARGET	PASS FAIL	10-10-06 R.P.D.
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		10-18-06 RTZ
	A) HEADSPACE	PASS FAIL	10-11-06 R.P.
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	282 2.78 2.79 2.80 2.89 10-12-06 DA
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	6.2 5.5 6.2 10-12-06 DA
	G) SAFETY OFF FORCE	2 LBS MIN	2.5 2.5 2.5 10-12-06 DA
	I) FIRING PIN INDENT	.020	10-23 1.022 1.022 10-12-06 DA
690	PACK		10-19-06 RA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY _____ BARREL _____ RECEIVER _____ FRONT SIGHT BASE _____ REAR SIGHT BASE _____ SCREWS _____ FINISH	STOCK ASSEMBLY _____ STOCK _____ SLING SWIVEL STUDS _____ BUTT PATE _____ LOCK NUTS _____ BARREL CLEARANCE _____ COLOR / FINISH
SCOPE ASSEMBLY _____ SCOPE _____ SCOPE RINGS _____ MOUNTING SCREWS _____ MOUNTING BASE _____ SCREWS _____ FINISH _____ CLARITY	SYSTEM CASE _____ SCOPE CASE _____ IRON SIGHTS _____ DEPLOYMENT KIT TRIGGER ASSEMBLY _____ SAFETY OPERATION _____ RE-SET TO FACTORY SPECS
COMMENTS: _____	

F006 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6360998.__0
FILE DATE AND TIME: 04/29/2005 06:28

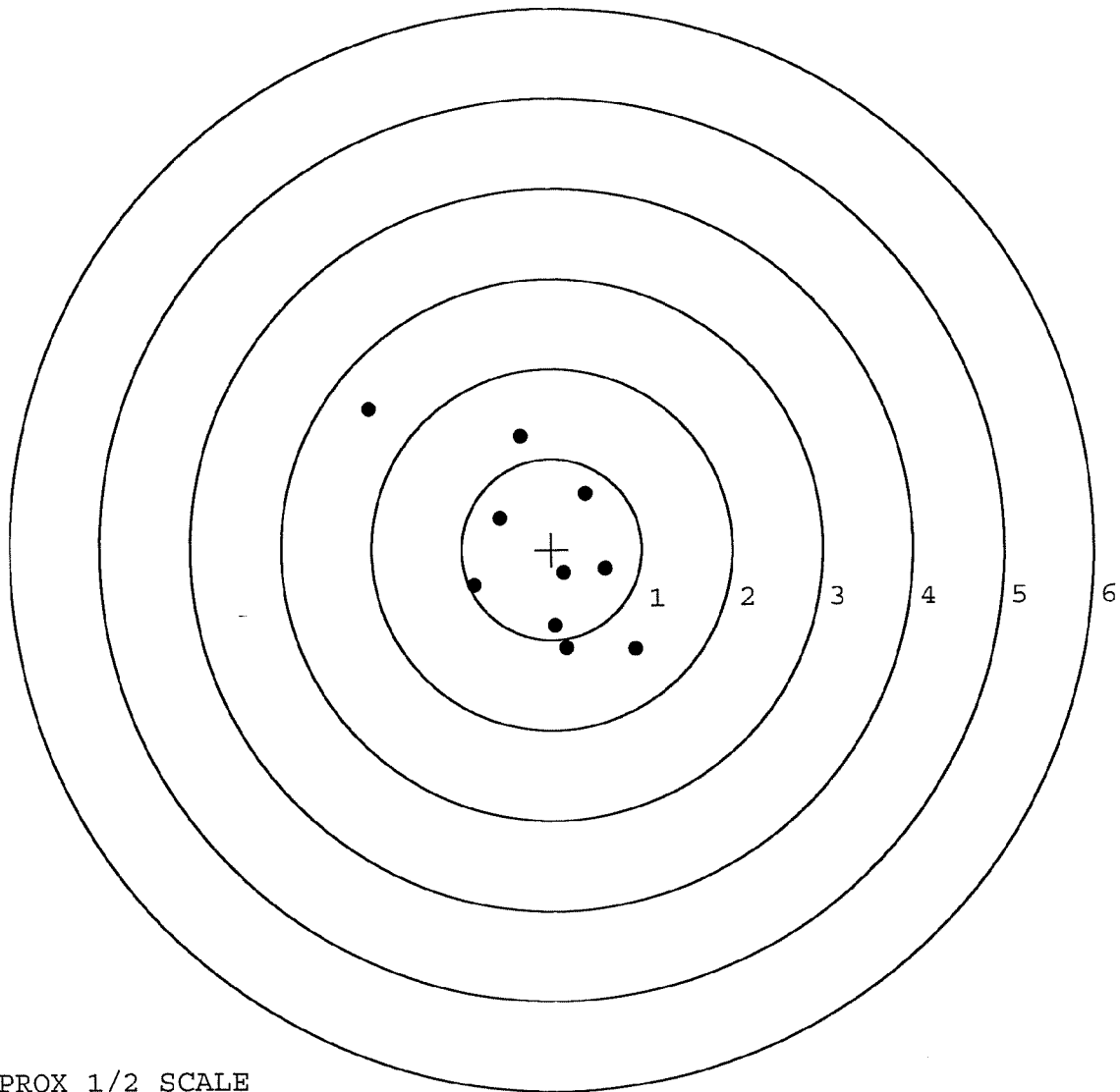
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.043
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.049
The Average Mean Radius of the Five Target Set:	0.996
The Distance from POA to Centroid Target #1:	0.156
The Distance from Centroid Target #2 to Centroid Target #1:	0.271
The Distance from Centroid Target #3 to Centroid Target #1:	0.477
The Distance from Centroid Target #4 to Centroid Target #1:	0.512
The Distance from Centroid Target #5 to Centroid Target #1:	0.031

SERIAL NUMBER: G6360998:___0
TARGET NUMBER: 1
FILE DATE: 04/29/2005
FILE TIME: 06:28

X CENTROID: -0.155
Y CENTROID: -0.017
POA TO CENTROID: 0.156
HORZ SPREAD: 2.938
VERT SPREAD: 2.677
GROUP SPREAD: 3.975
MIN RADIUS: 0.382
MAX RADIUS: 2.440
MEAN RADIUS: 1.060
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8

POINT#	X	Y
1:	-2.017	1.561
2:	-0.336	1.250
3:	0.381	0.619
4:	-0.571	0.353
5:	-0.865	-0.397
6:	0.137	-0.263
7:	0.596	-0.223
8:	0.039	-0.853
9:	0.161	-1.097
10:	0.921	-1.116



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360998. __0

TARGET NUMBER: 2

FILE DATE: 04/29/2005

FILE TIME: 06:28

POINT#	X	Y
1:	0.211	0.954
2:	-0.331	0.723
3:	-0.337	0.347
4:	-0.457	-0.060
5:	-0.249	-0.300
6:	0.290	-0.953
7:	0.656	-1.073
8:	1.055	0.036
9:	0.467	-0.079
10:	-0.198	-0.270

X CENTROID: 0.111

Y CENTROID: -0.068

POA TO CENTROID: 0.130

HORZ SPREAD: 1.512

VERT SPREAD: 2.027

GROUP SPREAD: 2.075

MIN RADIUS: 0.356

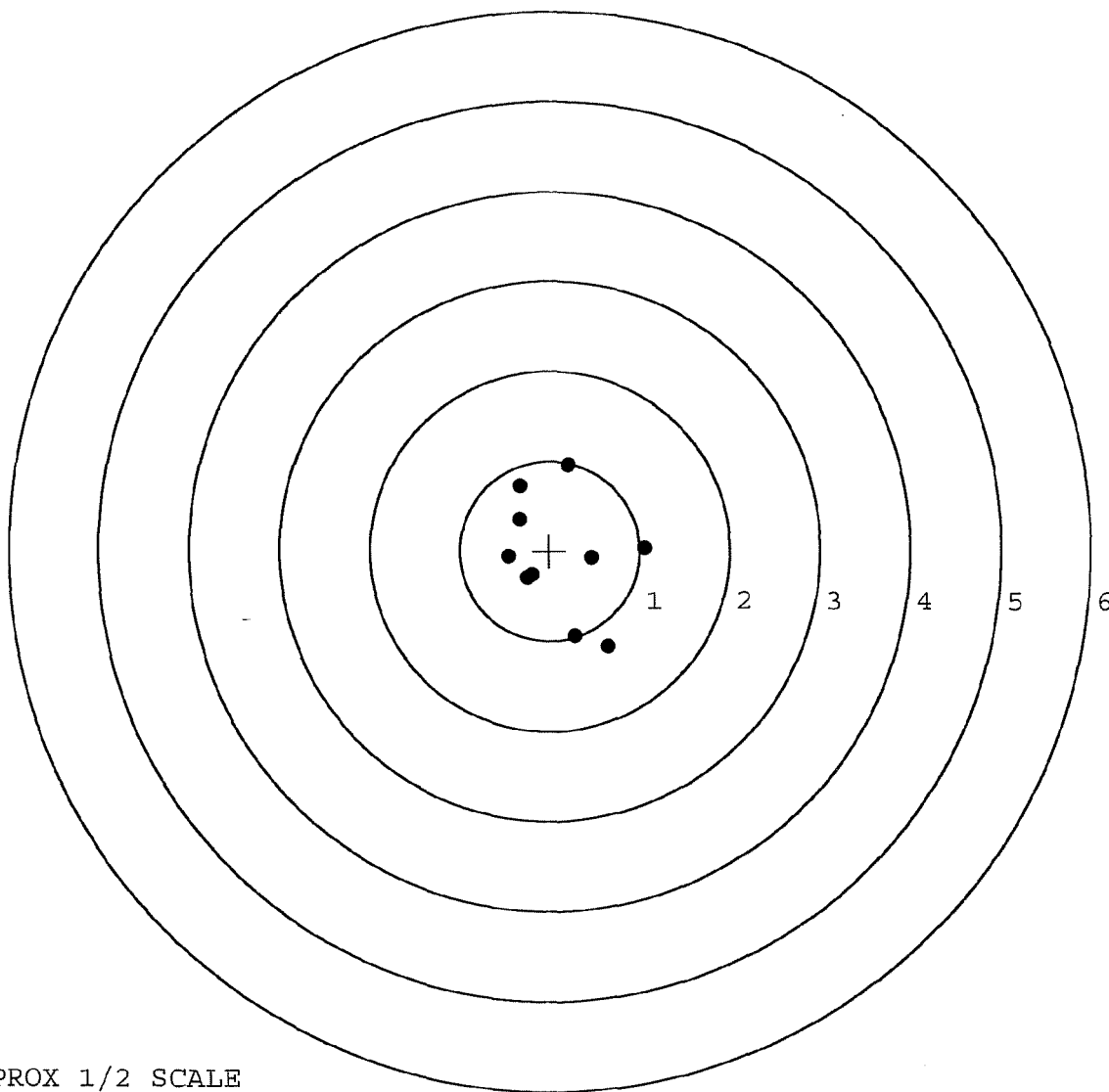
MAX RADIUS: 1.144

MEAN RADIUS: 0.726

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

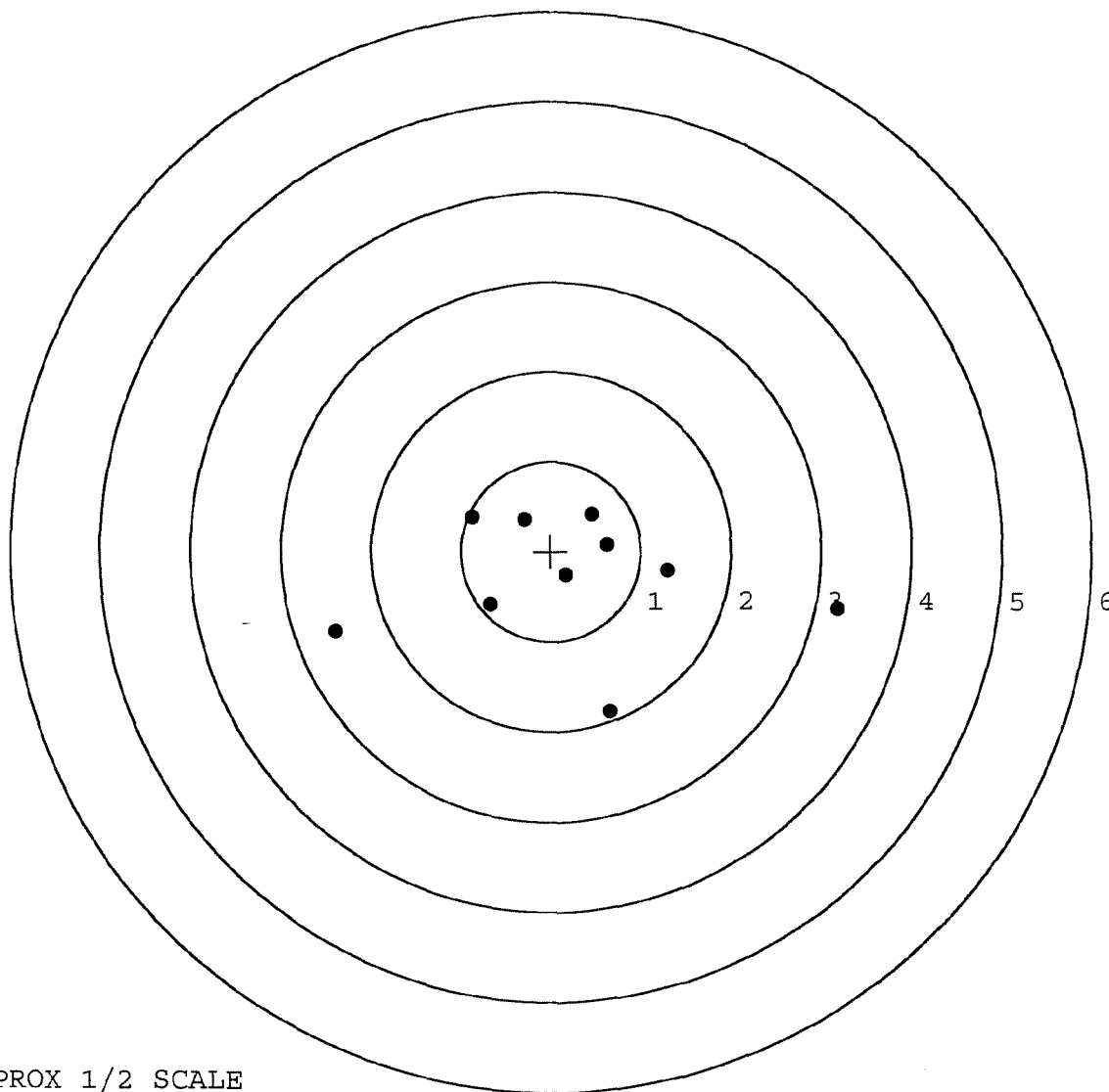


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360998. __0
TARGET NUMBER: 3
FILE DATE: 04/29/2005
FILE TIME: 06:28

POINT#	X	Y
1:	-0.874	0.385
2:	-0.300	0.359
3:	0.454	0.419
4:	0.627	0.075
5:	0.172	-0.264
6:	-0.672	-0.593
7:	-2.398	-0.905
8:	0.665	-1.785
9:	3.180	-0.644
10:	1.300	-0.218

X CENTROID: 0.215
Y CENTROID: -0.317
POA TO CENTROID: 0.383
HORZ SPREAD: 5.578
VERT SPREAD: 2.204
GROUP SPREAD: 5.584
MIN RADIUS: 0.069
MAX RADIUS: 2.983
MEAN RADIUS: 1.277
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 7



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360998. __0

TARGET NUMBER: 4

FILE DATE: 04/29/2005

FILE TIME: 06:28

POINT#	X	Y
1:	-1.160	0.617
2:	-0.621	0.566
3:	-0.642	1.241
4:	-0.093	0.826
5:	0.502	0.459
6:	1.191	0.738
7:	1.197	0.736
8:	1.456	-0.369
9:	0.478	-0.708
10:	-0.051	-0.856

X CENTROID: 0.226

Y CENTROID: 0.325

POA TO CENTROID: 0.396

HORZ SPREAD: 2.616

VERT SPREAD: 2.097

GROUP SPREAD: 2.796

MIN RADIUS: 0.307

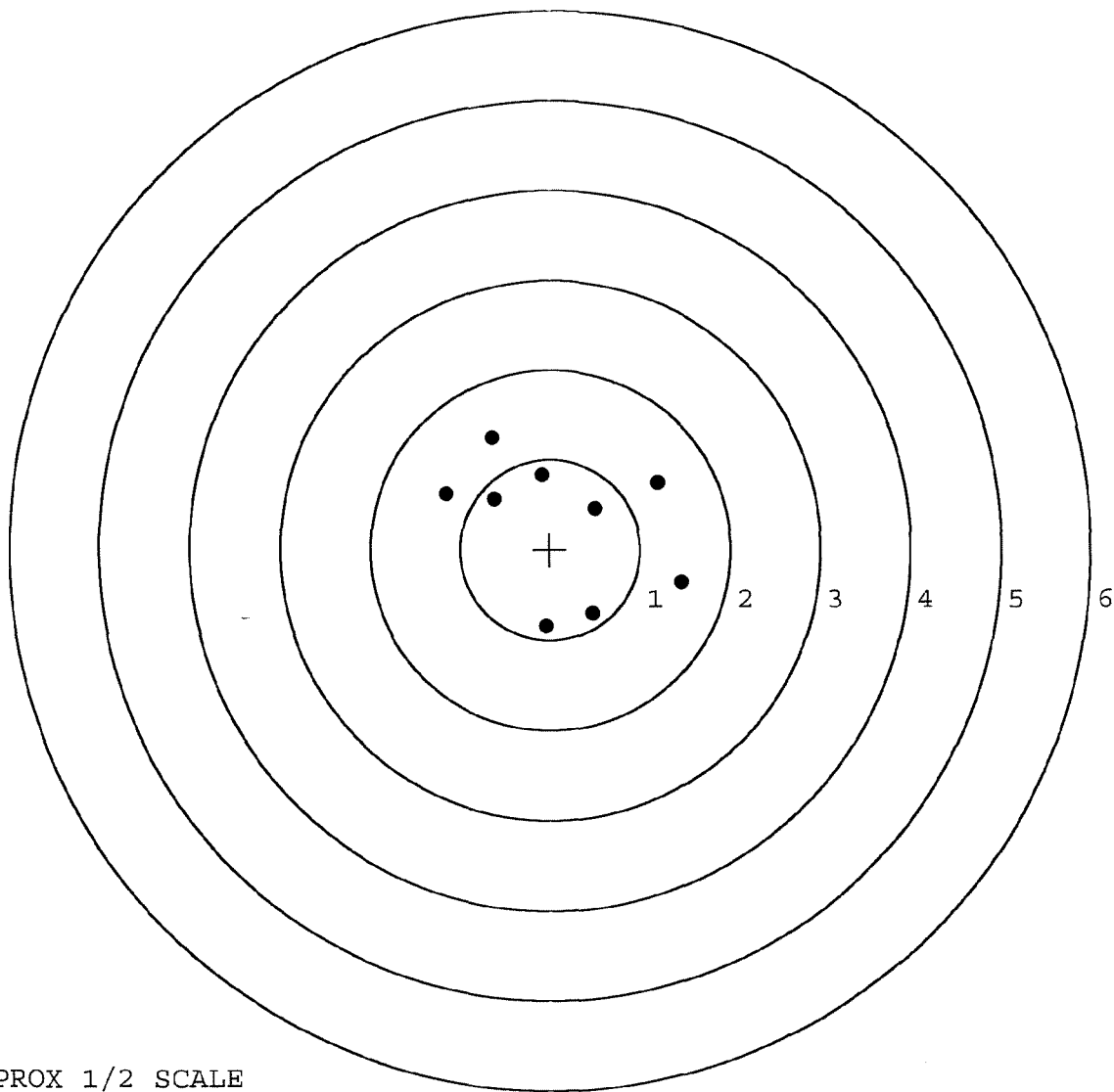
MAX RADIUS: 1.416

MEAN RADIUS: 1.025

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6360998. __0

TARGET NUMBER: 5

FILE DATE: 04/29/2005

FILE TIME: 06:28

POINT#	X	Y
1:	-0.691	0.856
2:	-0.122	0.843
3:	0.422	0.794
4:	-0.234	0.418
5:	0.416	0.175
6:	0.151	-0.476
7:	-0.639	-0.487
8:	-1.013	-0.468
9:	-1.033	-1.050
10:	0.947	-0.965

X CENTROID: -0.180

Y CENTROID: -0.036

POA TO CENTROID: 0.183

HORZ SPREAD: 1.980

VERT SPREAD: 1.906

GROUP SPREAD: 2.449

MIN RADIUS: 0.457

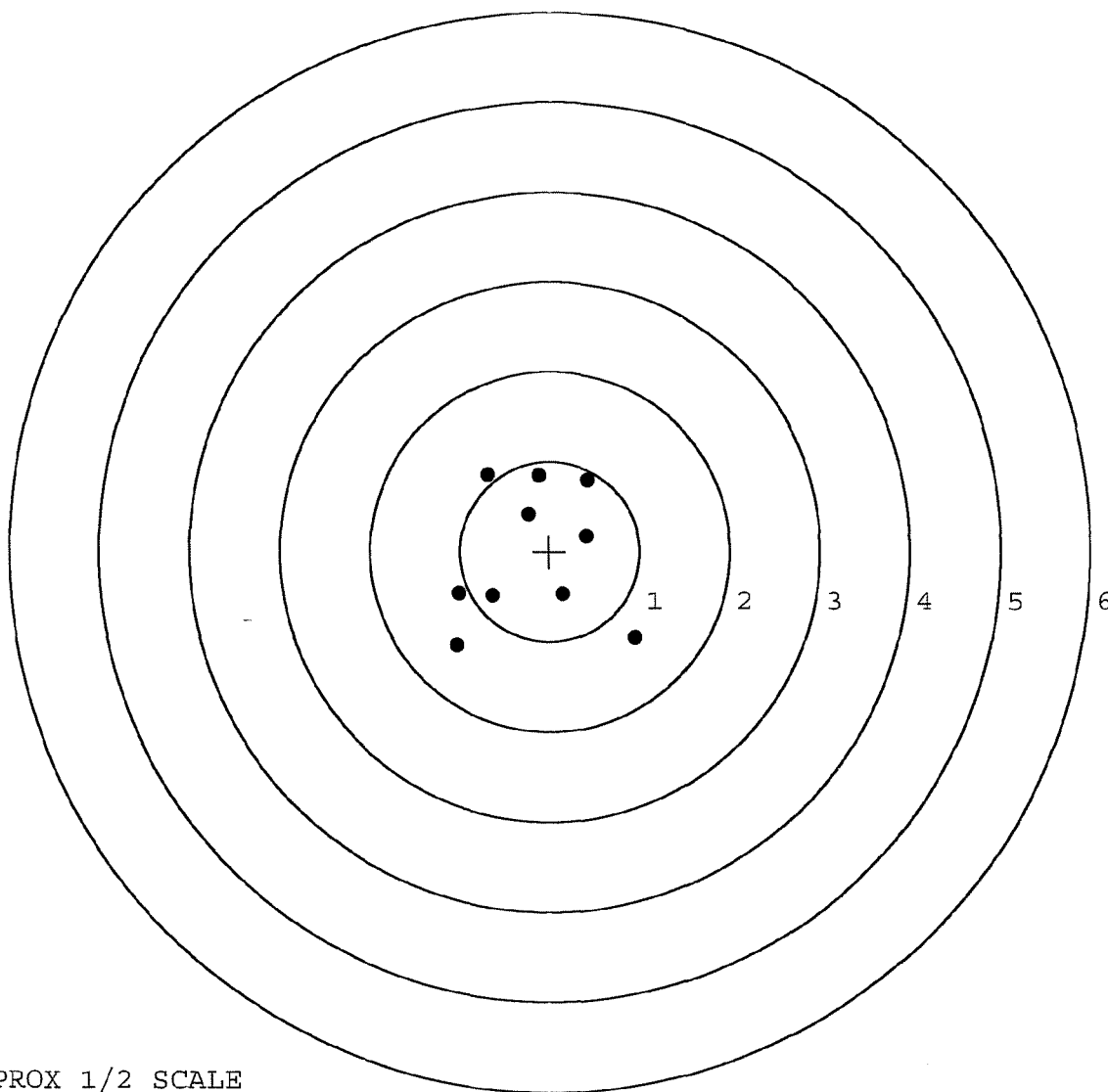
MAX RADIUS: 1.460

MEAN RADIUS: 0.894

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	25619		
SERIAL NUMBER	G6236203		G6360998 (Nva)
LOG-IN DATE	4-7-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-11-05	RTZ
560 A	RE-BARREL	N/A	
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-11-05	RTZ
600	PROOF	4-11-05	RTZ
605	CHECK HEADSPACE	4-11-05	RTZ
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX	4-11-05	RTZ
615	ROLLMARK CALIBER	4-12-05	CW
618	ROTO-BLAST	4-18-05	LB
620	APPLY COATINGS	4-25-05	RTZ
625 A	FINAL ASSEMBLY	4-27-05	RTZ
B	TRIGGER PULL TEST	4-29-05	AC
C	SAFETY "ON" FORCE	4-29-05	AC
D	SAFETY "OFF" FORCE	4-29-05	AC
E	FIRING PIN INDENT	4-29-05	TRW
640	TARGET	4-29-05	AC
655	FINAL INSPECT	4-29-05	
660	PACK	4-5-05	
		SHIP DATE	
QAR INSPECTION DATE			

Repair Inquiry

Repair Number: **RE00073074**Serial: C6611606 Model 700 Center Fire Caliber: 7
62 NATO M24 SWS

Repairman:

Verify Repair

Status:

Closed 11/17/2003 8:50:42 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received FromName: **TRANSPORTATION DIV DFEL****TRANSPORTATION DIV DFEL**Address 1: **WAREHOUSE BLDG 280****WAREHOUSE BLDG 280**Address 2: **6701 TRANSPORTATION AVE**

PO Box:

6701 TRANSPORTATION AVE

PO Box:

City: **FORT BENNING****FORT BENNING**State: **GA**Zip Code: **31905**Country: **US**State: **GA**Zip Code: **31905**Country: **US**

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Fair

Condition

Notes:

CSR

Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A017	F/R Scope Bases	2
A026	Scope / W/Base	1

Repair Search

Refresh

Close

naglej

11/17/2003

9:00 AM

CAPS

NUM

INS

SCPL

start

2 Micros...

My Exits...

Arms Serv...

5 Micros...

3 1/2 Hopp...

CAPT MSL

9:00 AM

66236203

Serial Number: **C6611606**
Model: **700**

RE00073074

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

[illegible]

M/24 7.62 NATO (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

- INSTRUCTION BOOK 3518

46 FORM 200348



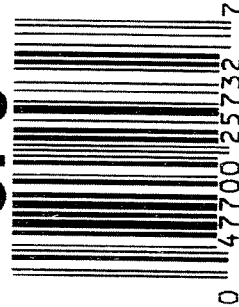
ORDER NO. **25732**

BARREL LENGTH 24"

CAPACITY 5

G6236203

UPC



Remington®

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

M/24 7.62 NATO (RIFLE ONLY)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

SERIAL NO. J
G6236203

46

ORDER NO.
25732

Made in Ilion, NY Reg. U.S. Pat & tm. Off. Marca Registrada Marque Deposee.



5732 G6236203

11WX

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400164787

M-24
INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6236203

OP #	OPERATION NAME	READINGS	DATE	INITIAL
575 & 580	ASSEMBLE ACTION AND STOCK		10/7/02	RL
600	PROOF		10/9/02	RL
607	CHECK HEADSPACE	MAGNA - FLUX INSPECTED	10/7/02	RL
610	DIS-ASSEMBLE GUN		10/7/02	RL
612	MAGNAFLUX BBL ACTION MAGNAFLUX BOLT	OCT 8 2002 OPERATOR <u>[Signature]</u>		
615	ROLLMARK CALIBER		10/9/02	RL
617	DRILL AND TAP SIGHT HOLES		10/9/02	TRW
620	APPLY COATINGS (BARREL ACTION)		10-17	TA
	(BOLT)		10-17	TA
625	FINAL ASSEMBLY			
	A) CLEAN INSIDE OF BOLT ASSEMBLY		12-9-02	DA
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-9-02	DA
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12/9/02	DA
	D) OIL FIRING PIN ASSEMBLY		12/9/02	DA
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE 2.50 LBS +/- .5 LBS		8-10-03	RL

OP #	OPERATION NAME	READINGS	DATE	INITIAL
625	F) SAFETY ON FORCE 2 LBS MIN 10 LBS MAX	<u>6</u> <u>6</u> <u>6</u>	8/6/03	RW
CONT.				
	G) SAFETY OFF FORCE 2 LBS MIN	<u>2</u> <u>2</u> <u>2</u>	8/6/03	RW
	H) TRIGGER PULL TEST AND RETAINABILITY		8/6/03	RW
	I) FIRING PIN INDENT .020 MIN	<u>.022</u> <u>.022</u> <u>.021</u>	8/6/03	RW
	J) ASSEMBLE STOCK		5/13/03	RW
	K) ASSEMBLE SWIVEL STUDS		8/6/03	RW
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		8/6/03	RW
	M) IRON SIGHT ALIGNMENT		8/6/03	RW
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		8/6/03	RW
640	GALLERY TEST AND TARGET	PASS FAIL	6-9-03	TRW
	MALFUNCTION	CORRECTION	6-9-03	TRW
	MALFUNCTION	CORRECTION	6-9-03	TRW
	MALFUNCTION	CORRECTION	6-9-03	TRW
	MALFUNCTION	CORRECTION	6-9-03	TRW
645	INSPECT FOR LIVE AMMO		6-9-03	TRW
655	FINAL INSPECTION A) HEADSPACE		8/6/03	RW
	B) TRIGGER PULL +/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	<u>2.71</u> <u>2.58</u> <u>2.68</u> <u>2.61</u> <u>2.80</u>	8/6/03	RW
	C) FUNCTION		8/6/03	RW
660	PACK		8/7/03	DA

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. _____

DATE 5-13-03

TESTER TRW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.58	2.19		2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2
PULL #2	2.64	2.65		2.55	
PULL #3	2.49	2.45		2.85	
PULL #4	2.55	2.38		2.54	
PULL #5	2.52	2.44		2.39	
TOTAL	12.78	12.11		12.84	
AVG.	2.55	2.42		2.56	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.27		
PULL #2	3.34	3.43		
PULL #3	3.39	3.31		
PULL #4	3.37	3.32		
PULL #5	3.23	3.36		
TOTAL	16.74	16.69		
AVG.	3.34	3.33		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCUR
PULL #1	4.37	4.28		4.06
PULL #2	4.18	4.19		4.19
PULL #3	4.09	4.18		4.17
PULL #4	4.05	4.15		4.19
PULL #5	4.31	4.17		4.18
TOTAL	21.00	20.97		20.79
AVG.	4.20	4.19		4.15

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6236203.___0
FILE DATE AND TIME: 06/09/2003 04:51

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.092
The Average Y Centroid of the Five Target Set:	-0.039
The Average Point of Impact of the Five Target Set:	0.100
The Average Mean Radius of the Five Target Set:	0.890
The Distance from POA to Centroid Target #1:	0.216
The Distance from Centroid Target #2 to Centroid Target #1:	0.466
The Distance from Centroid Target #3 to Centroid Target #1:	0.190
The Distance from Centroid Target #4 to Centroid Target #1:	0.197
The Distance from Centroid Target #5 to Centroid Target #1:	0.173

SERIAL NUMBER: G6236203. __0

TARGET NUMBER: 1

FILE DATE: 06/09/2003

FILE TIME: 04:51

X CENTROID: -0.202

Y CENTROID: 0.076

POA TO CENTROID: 0.216

HORZ SPREAD: 2.194

VERT SPREAD: 2.322

GROUP SPREAD: 2.663

MIN RADIUS: 0.432

MAX RADIUS: 1.453

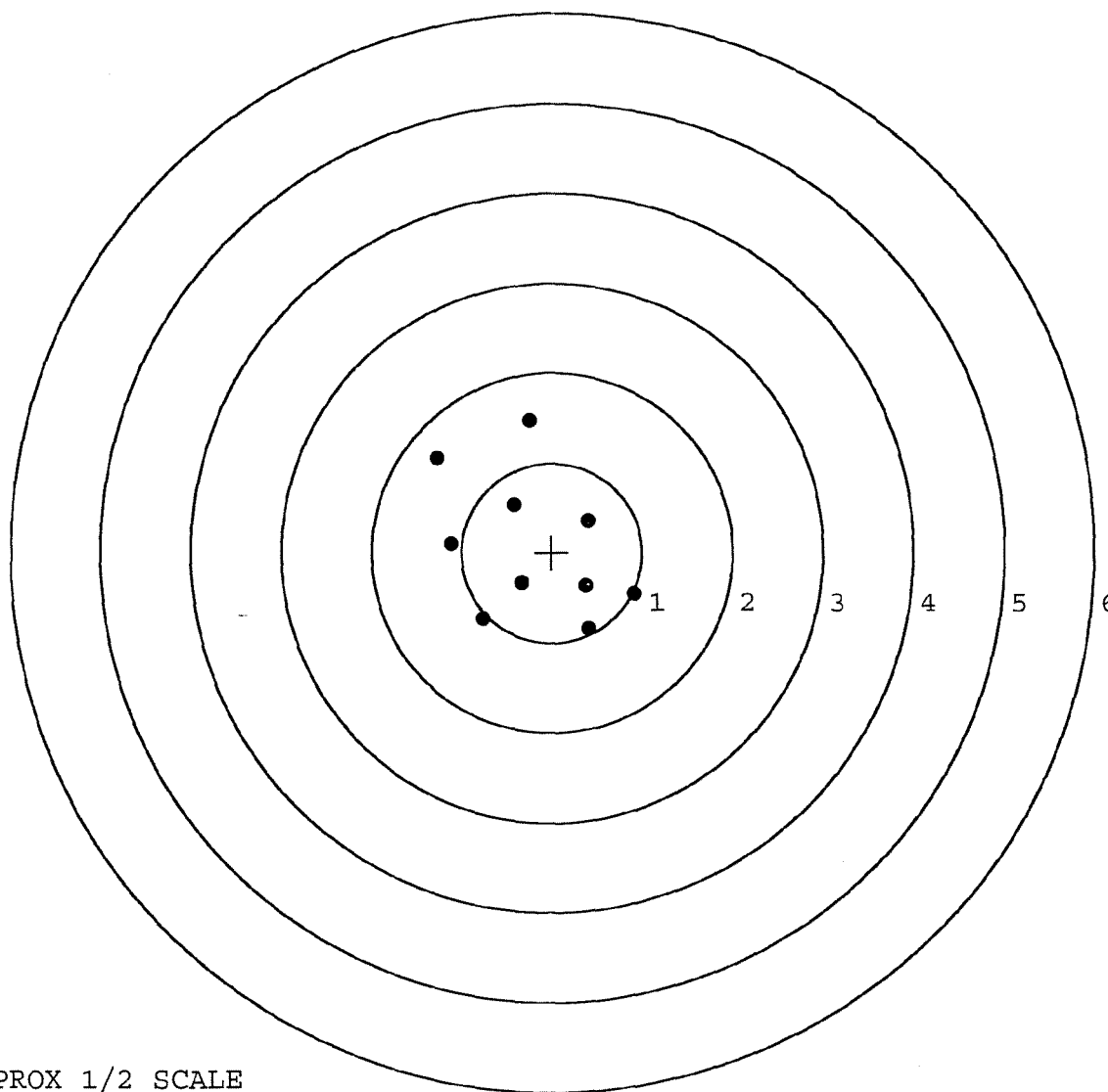
MEAN RADIUS: 0.944

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.918	-0.455
2:	0.417	-0.853
3:	0.383	-0.373
4:	-0.328	-0.337
5:	-0.754	-0.738
6:	-1.117	0.100
7:	-0.416	0.532
8:	0.405	0.359
9:	-1.276	1.054
10:	-0.253	1.469



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236203. __0

TARGET NUMBER: 2

FILE DATE: 06/09/2003

FILE TIME: 04:51

X CENTROID: 0.228

Y CENTROID: -0.105

POA TO CENTROID: 0.250

HORZ SPREAD: 2.098

VERT SPREAD: 1.404

GROUP SPREAD: 2.100

MIN RADIUS: 0.289

MAX RADIUS: 1.337

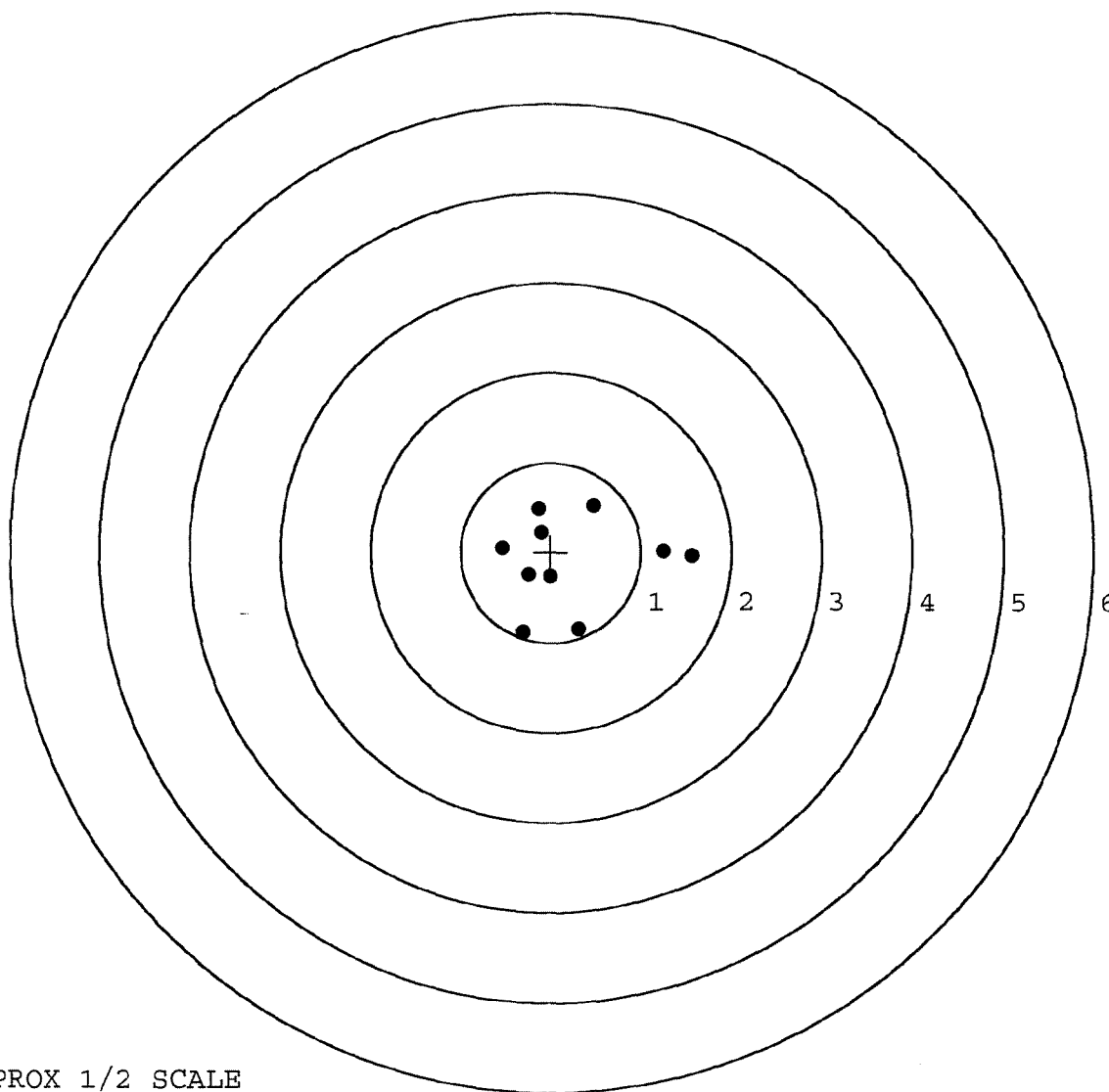
MEAN RADIUS: 0.745

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.563	-0.046
2:	1.249	0.010
3:	0.318	-0.854
4:	-0.304	-0.887
5:	-0.004	-0.277
6:	-0.245	-0.255
7:	-0.535	0.044
8:	-0.105	0.218
9:	-0.137	0.483
10:	0.475	0.517

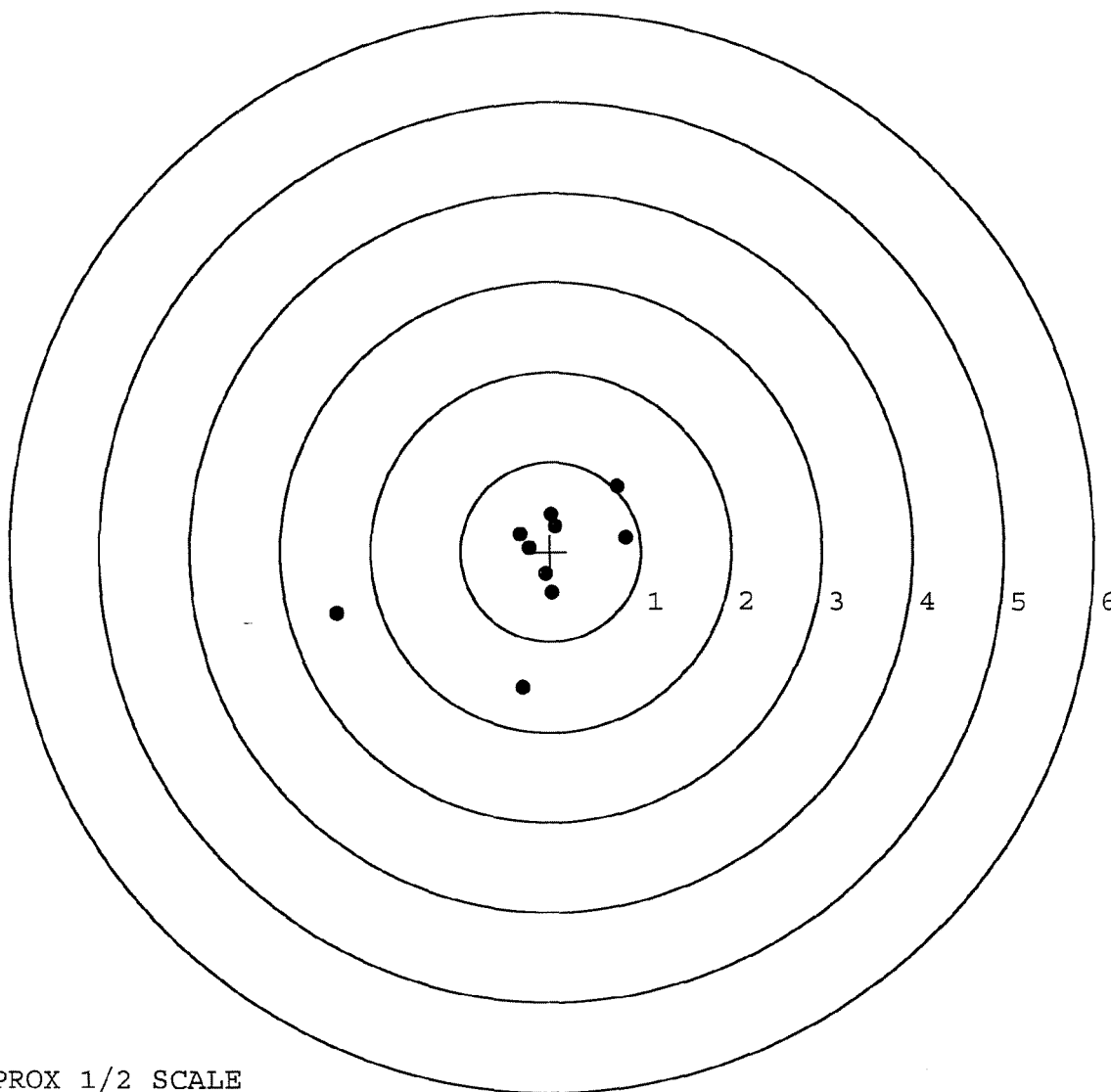


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236203. __0
TARGET NUMBER: 3
FILE DATE: 06/09/2003
FILE TIME: 04:51

POINT#	X	Y
1:	0.836	0.160
2:	0.737	0.727
3:	-0.002	0.417
4:	0.053	0.286
5:	-0.301	-1.520
6:	-2.369	-0.703
7:	-0.346	0.194
8:	-0.237	0.040
9:	-0.058	-0.251
10:	0.018	-0.463

X CENTROID: -0.167
Y CENTROID: -0.111
POA TO CENTROID: 0.201
HORZ SPREAD: 3.205
VERT SPREAD: 2.247
GROUP SPREAD: 3.419
MIN RADIUS: 0.167
MAX RADIUS: 2.280
MEAN RADIUS: 0.807
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

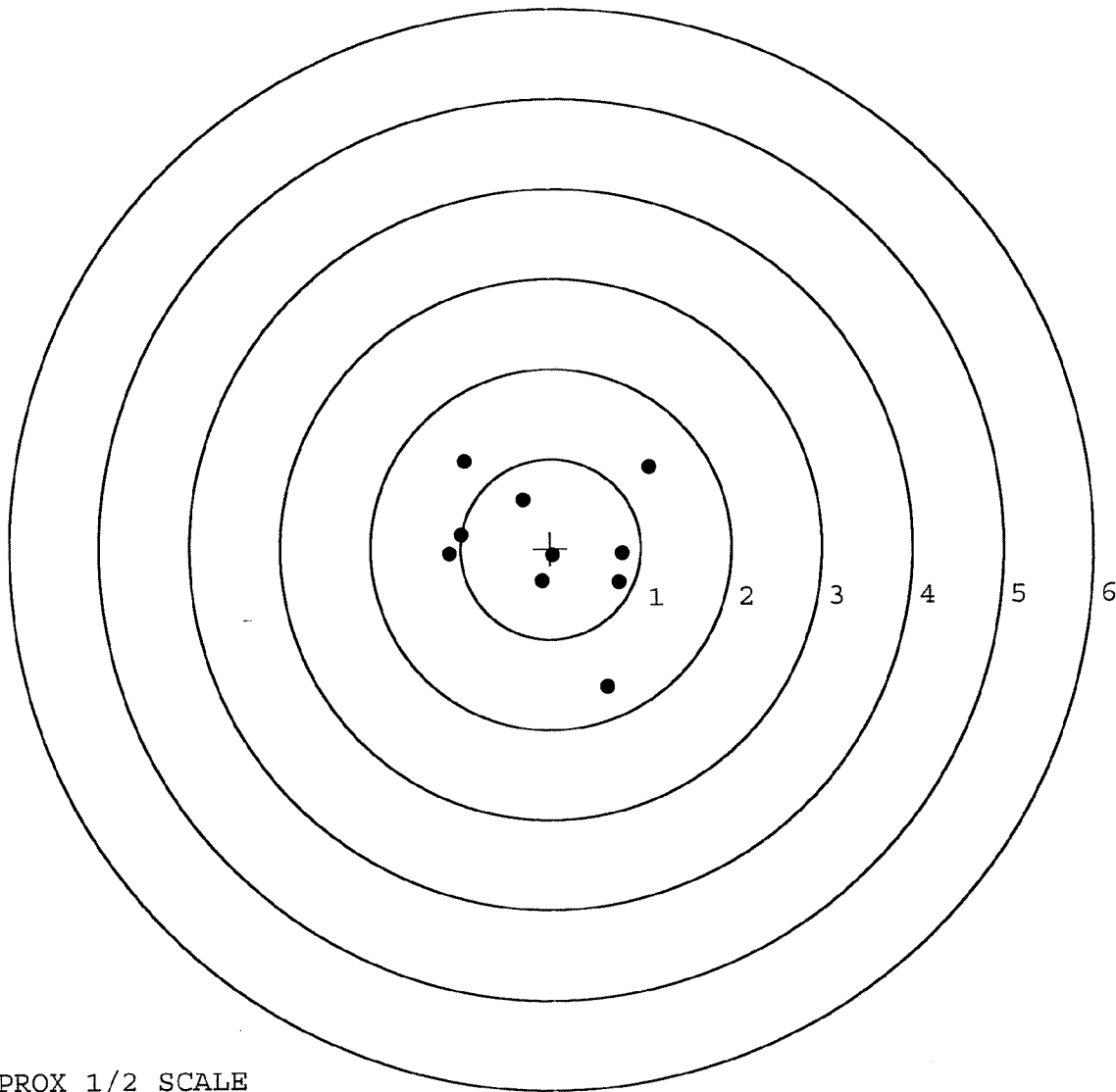


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236203.___0
TARGET NUMBER: 4
FILE DATE: 06/09/2003
FILE TIME: 04:51

X CENTROID: -0.016
Y CENTROID: 0.009
POA TO CENTROID: 0.019
HORZ SPREAD: 2.220
VERT SPREAD: 2.509
GROUP SPREAD: 2.961
MIN RADIUS: 0.093
MAX RADIUS: 1.669
MEAN RADIUS: 0.929
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.757	-0.385
2:	0.796	-0.061
3:	0.620	-1.534
4:	1.099	0.894
5:	-0.303	0.545
6:	-0.952	0.975
7:	-0.987	0.158
8:	-1.121	-0.058
9:	0.024	-0.074
10:	-0.095	-0.366



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6236203. __0

TARGET NUMBER: 5

FILE DATE: 06/09/2003

FILE TIME: 04:51

POINT#	X	Y
1:	1.099	-0.080
2:	0.515	-0.754
3:	0.122	-0.208
4:	0.080	-0.916
5:	0.144	0.853
6:	-0.723	0.992
7:	-0.837	0.835
8:	-0.801	0.152
9:	-1.566	-0.361
10:	-1.077	-1.152

X CENTROID: -0.304

Y CENTROID: -0.064

POA TO CENTROID: 0.311

HORZ SPREAD: 2.665

VERT SPREAD: 2.144

GROUP SPREAD: 2.680

MIN RADIUS: 0.450

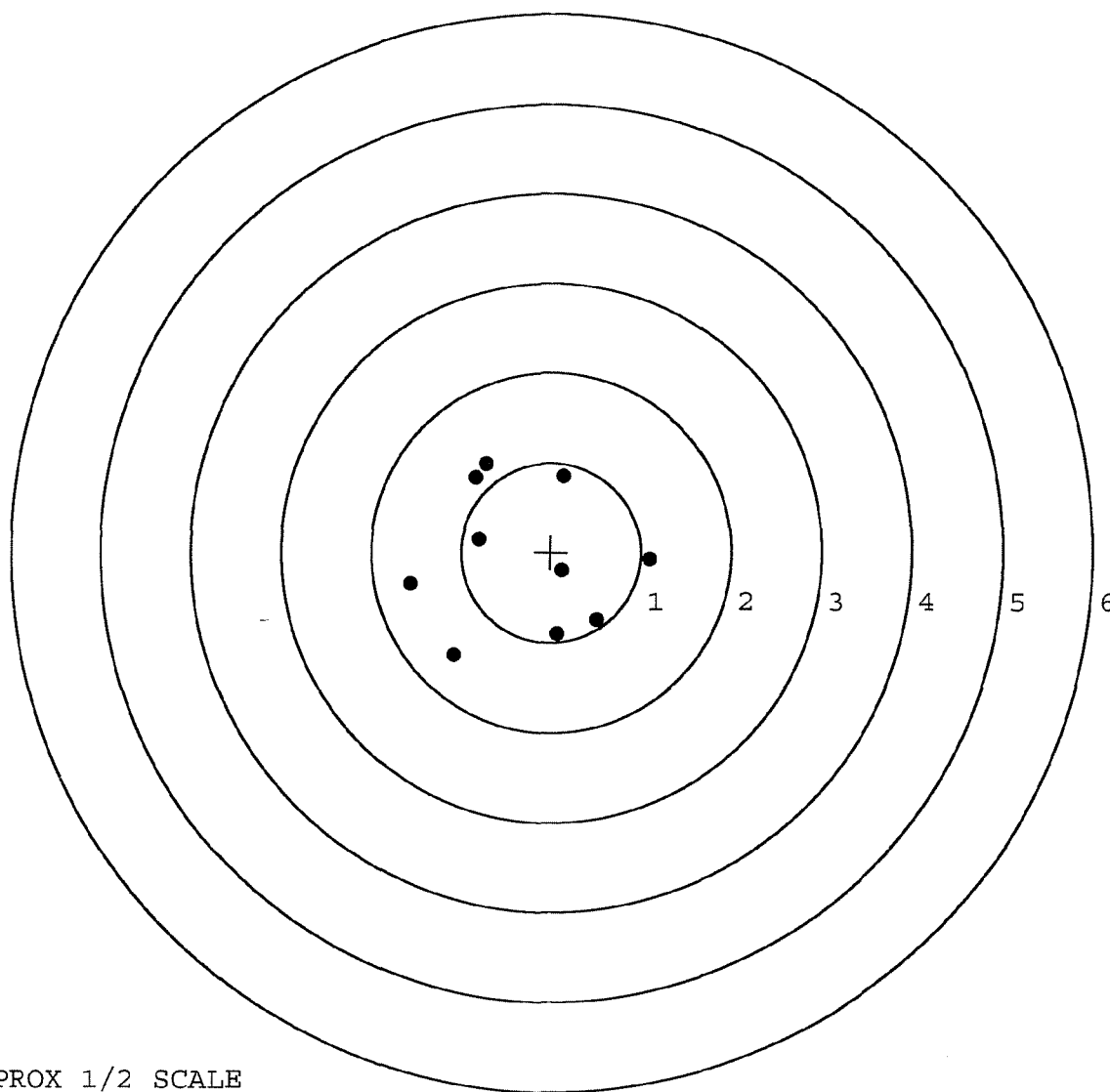
MAX RADIUS: 1.403

MEAN RADIUS: 1.023

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 3

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 99-20527

INITIAL CUSTOMER ORDER NO.

SWS

M/24
W/SCOPE

Scope S/N 88-1230

DATE RECEIVED

10/18/99

DATE OPENED

10/20/99

DATE CODE

SERIAL NUMBER

C6611606

NEW SERIAL NUMBER

MODEL AND GRADE

700 7.62

NATO

ACCESSORIES

W/STUDS

W/SWIVELS

HARD CASE

SCOPE BASE

FROM:

SHIP TO:

U S ARMY
CO D 2/29 INF REGT
BLDG 73
FT BENNING

GA 31905

U S ARMY
CO D 2/29 INF REGT
BLDG 73
FT BENNINGGA
31905

CUST NO: 187354 C.O.D.L

ACCOUNT NUMBER

ACCOUNT NUMBER N/C

WRITE ☐

PROM. DATE

ESTIMATED

VIA

UPS

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

A

B1

TRIGGER GROUP

B2

BOLT ASSY.

B3

BARREL ASSY.

B4

D1

REC. ASSY.

B5

D2

WOOD

C1

D3

METAL

C2

E1

E2

E3

E4

E5

F1

F2

F3

F4

F5

MAIN FAULT

PARTS

COMMENTS

BBL 96003
Scope Ring Assy 96082
EXTRACTOR 91816

REPAIRMAN

PROOF

CLEAN

TEST

TARGET

PATTERN

GALLERY TESTER

DATE

DATE

DATE

DATE

DATE

OFFICE COPY

RD3925 REV. 7/97

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400164797

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # c6611606
7 Feb 2000

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0996
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0134
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .100497

THE AMR FOR THIS RIFLE IS: 1.289

CENTROIDAL DISTANCES

0 TO	1	.428528
1 TO	2	.444802
1 TO	3	.618244
1 TO	4	.699385
1 TO	5	.988852

1
2 ←⁵---POA
3 4

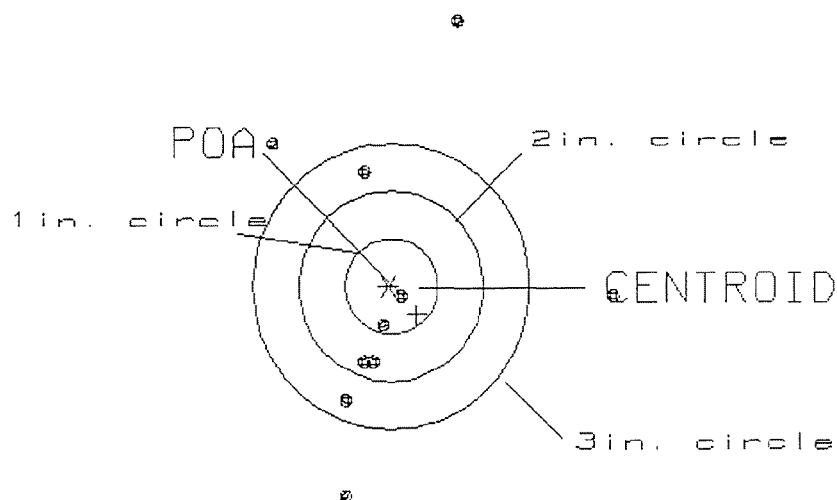
PATTERN #: 111

POA TO CENTROID: .429
 MIN RADIUS : .104
 MEAN RADIUS : 1.416
 MAX RADIUS : 2.901
 CENTROID X : -.306
 CENTROID Y : .300

7 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611606

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.69

2

VS= 4.98

4

GS= 5.13

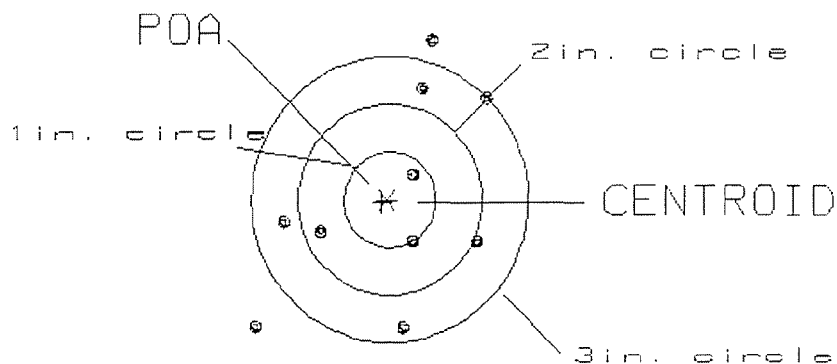
6

PATTERN #: 2
 POA TO CENTROID: .059
 MIN RADIUS : .334
 MEAN RADIUS : 1.163
 MAX RADIUS : 1.957
 CENTROID X : .049
 CENTROID Y : .032

7 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611606

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 2.45

1

VS= 3.00

4

GS= 3.52

8

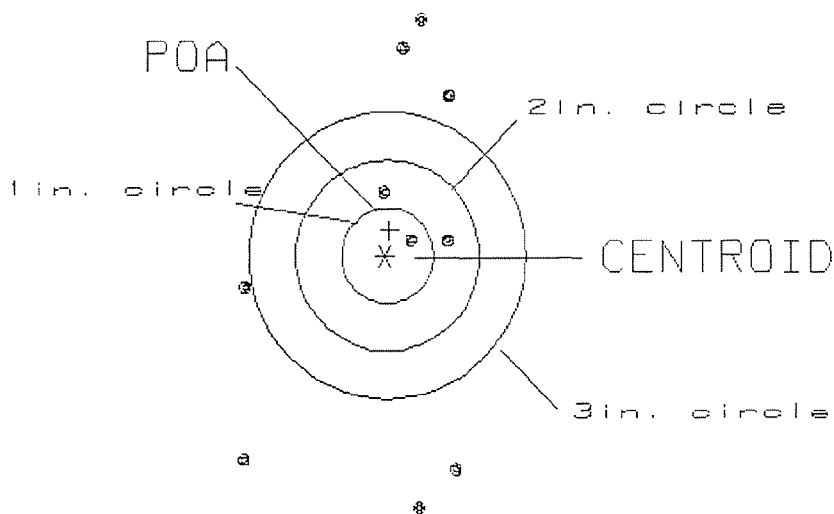
PATTERN #: 030

POA TO CENTROID: .271
 MIN RADIUS : .283
 MEAN RADIUS : 1.742
 MAX RADIUS : 2.661
 CENTROID X : -.055
 CENTROID Y : -.265

7 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611606

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.38
 VS= 5.12
 GS= 5.12

1
 3
 3

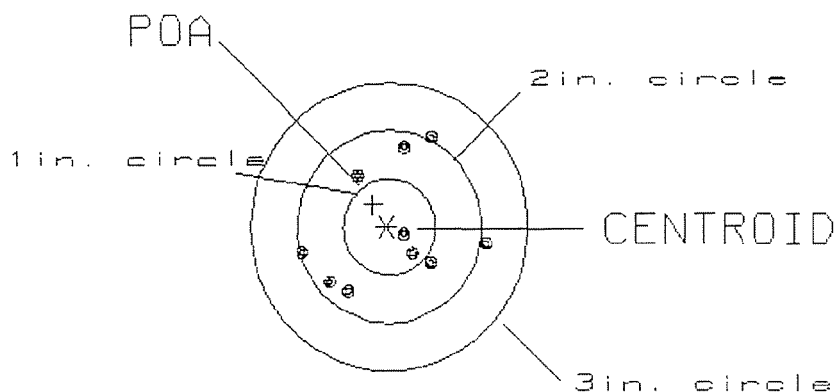
PATTERN #: 4

POA TO CENTROID: .275
 MIN RADIUS : .111
 MEAN RADIUS : .731
 MAX RADIUS : 1.079
 CENTROID X : .148
 CENTROID Y : -.232

7 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611606

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 1.97
 VS= 1.64
 GS= 1.98

2
 6
 10

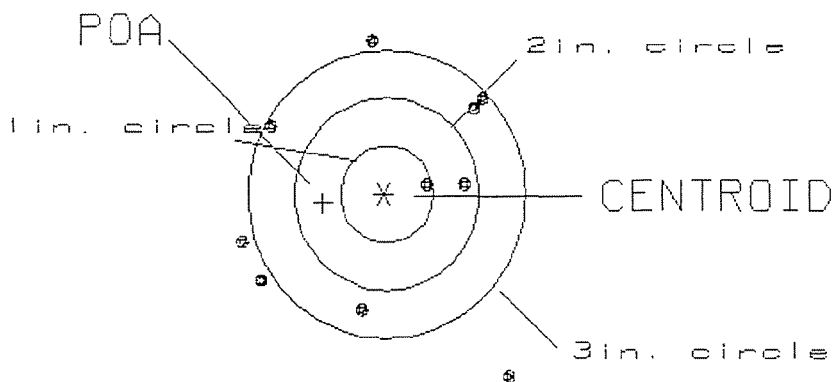
PATTERN #: 5

POA TO CENTROID: .669
 MIN RADIUS : .474
 MEAN RADIUS : 1.393
 MAX RADIUS : 2.357
 CENTROID X : .662
 CENTROID Y : .098

7 Feb 2000

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/c6611606

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 2.92
 VS= 3.50
 GS= 3.82

1
 2
 6

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6611606

LOG IN DATE: / /		DATE	INIT.
INSPECT & VERIFY:			
OP. #	OP. NAME		
550	DIS-ASSEMBLE GUN		
560 A	RE-BARREL AT CUSTOM SHOP		
B	DRILL & TAP		
C	POLISH		
575	ASSEMBLE		
600	PROOF	<i>12-12-99</i>	<i>RW</i>
605	CHECK HEADSPACE	<i>12-12-99</i>	<i>RW</i>
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	<i>1-2-00</i>	<i>RW</i>
655	FINAL INSPECT	<i>1-8-00</i>	<i>RW</i>
660	PACK		

QAR INSPECTION

SHIP DATE

FINAL Inspection

Sn: C6611606

DATE REC'D: 10-18-99

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®



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

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

MODEL 700™ H24

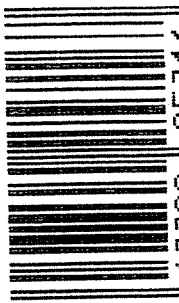
20

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



5716 06611606

UPC



0 47700 25716 7

SERIAL NO.

C6611606

ORDER NO.

5716

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611606

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	3 25	91	RW
600	Proof	3 25	91	RW
607	Check Headspace	3 25	91	RW
610	Dis-assemble Gun	3 25	91	RW
612	Magnaflux Barrel Action	3 28	91	KR
	Magnaflux Bolt	3 28	91	U
615	Rollmark Caliber	3 28	91	GG
617	Drill and Tap Sight Holes	APR	3 1991	LB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-11-91	LB
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/14/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/16/91	RW
	C) Inspect Ejector Hole for Chamfer		4/16/91	RW
	D) Oil Firing Pin Ass'y		4/16/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		5-13-91	GU

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	7	7	7			5/13/91	WLB
	G) Safety Off Force	2 3/4	2 3/4	2 3/4			5/13/91	WLB
	H) Trigger Pull Test & Retainability						5/31/91	JH
	I) Firing Pin Indent	.022	.022	.022			5/13/91	WLB
	J) Assemble Stock						5/16/91	RW
	K) Assemble Swivel Studs						5-20-91	DH
	L) Attach Front and Rear Sight Assemblies						5/16/91	RW
	M) Iron Sight Alignment						5/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						5/16/91	RW
	O) Attach Scope to Rifle						5/16/91	RW
	P) Detach & Attach Scope 20 Times						5/16/91	RW
640	Gallery Target & Test						5-16-91	AF
	A) Time						"	AF
	B) Malfunctions						"	AF
	C) Pierced Primers						"	AF
	D) Optical Clarity of Scope						"	AF
645	Inspect for Live Ammo						5-16-91	AF
655	Final Inspection							
	A) Headspace						5-20-91	DH
	B) Trigger Pull	2.39	2.39	2.43	2.60	2.47	5/20/91	JH
	C) Function						5-20-91	DH
660	Pack						6-19-91	AF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C-6611606

DATE 5-13-91

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.34	2.35	2.42	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.32	2.40	2.39	
PULL #3	2.42	2.26	2.38	2.43	
PULL #4	2.44	2.42	2.28	2.60	
PULL #5	2.42	2.41	2.22	2.47	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.26		
PULL #2	3.21	3.26		
PULL #3	3.22	3.23		
PULL #4	3.25	3.32		
PULL #5	3.31	3.31		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.27		4.40
PULL #2	4.38	4.41		4.19
PULL #3	4.36	4.33		4.43
PULL #4	4.46	4.35		4.42
PULL #5	4.16	4.40		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611606
16 May 1991

CENTROIDAL DISTANCES

0 TO	1	.0926553
1 TO	2	.344884
1 TO	3	.118017
1 TO	4	.415477
1 TO	5	.0580517

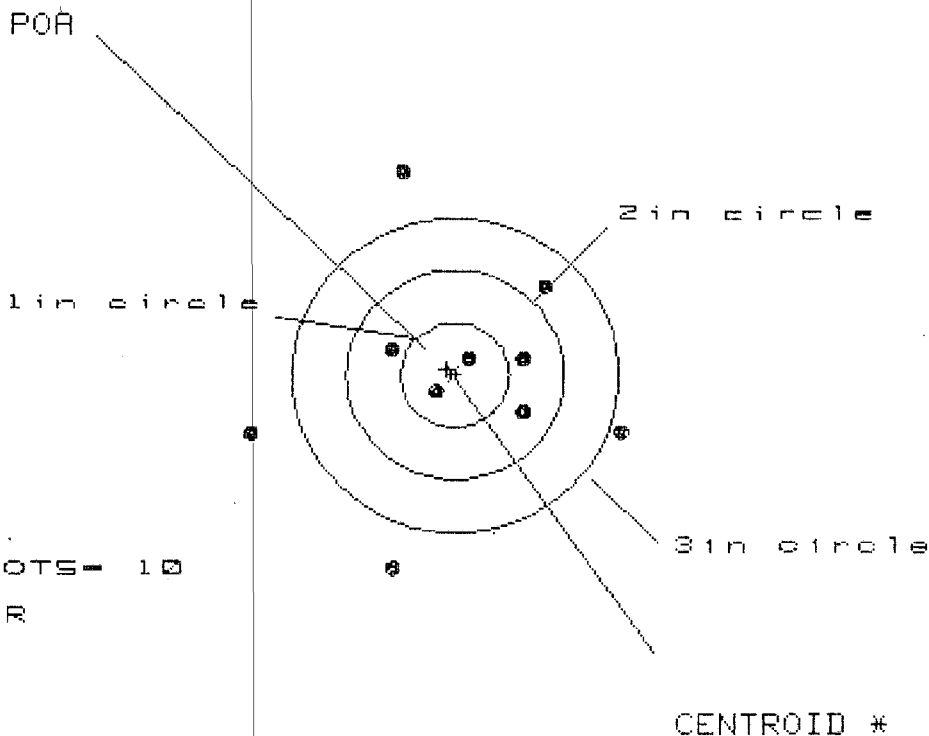
 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0058
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.014
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0151539
THE AMR FOR THIS RIFLE IS: .9768

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611686

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 5

3 in = 6

HS= 3.426

VS= 3.832

GS= 3.833

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.509	1.458	1.212
MINIMUM X	-1.917	-1.968	-.881
MAXIMUM Y	1.946	1.096	1.054
MINIMUM Y	-1.886	-1.670	-1.712
CENTROID X	.076	.127	.373
CENTROID Y	-.053	-.269	-.227
POA TO CENTROID in.	.093	.298	.437
MIN RADIUS	.211	.259	.377
MEAN RADIUS	1.117	1.035	.879
MAX RADIUS	1.999	1.996	1.910
HORIZONTAL SPREAD	3.426	3.426	2.093
VERTICAL SPREAD	3.832	2.766	2.766
EXTREME SPREAD	3.833	3.426	3.086
NUMBER IN ONE INCH CIRCLE	= 2		
NUMBER IN TWO INCH CIRCLE	= 5		
NUMBER IN THREE INCH CIRCLE	= 6		

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611686

CENTERFIRE PATTERNS # 2

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 1.749

VS= 3.074

GS= 3.244

CENTROID #

PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.679	.614	.663
MINIMUM X	-1.070	-1.135	-1.086
MAXIMUM Y	1.322	1.128	.593
MINIMUM Y	-1.752	-.980	-.839
CENTROID X	.112	.177	.128
CENTROID Y	.290	.484	.343
POA TO CENTROID in.	.311	.515	.366
MIN RADIUS	.094	.265	.133
MEAN RADIUS	.786	.646	.570
MAX RADIUS	1.846	1.499	1.372
HORIZONTAL SPREAD	1.749	1.749	1.749
VERTICAL SPREAD	3.074	2.108	1.432
EXTREME SPREAD	3.244	2.602	1.914
NUMBER IN ONE INCH CIRCLE	= 4		
NUMBER IN TWO INCH CIRCLE	= 7		
NUMBER IN THREE INCH CIRCLE	= 9		

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611606

CENTERFIRE PATTERNS # 3

POA

1 in circle

2 in circle

3 in circle

CENTROID #

OF SHOTS- 10

IN CIR

1 in = 3

2 in = 7

3 in = 10

HS= 2.425

VS= 1.314

GS= 2.425

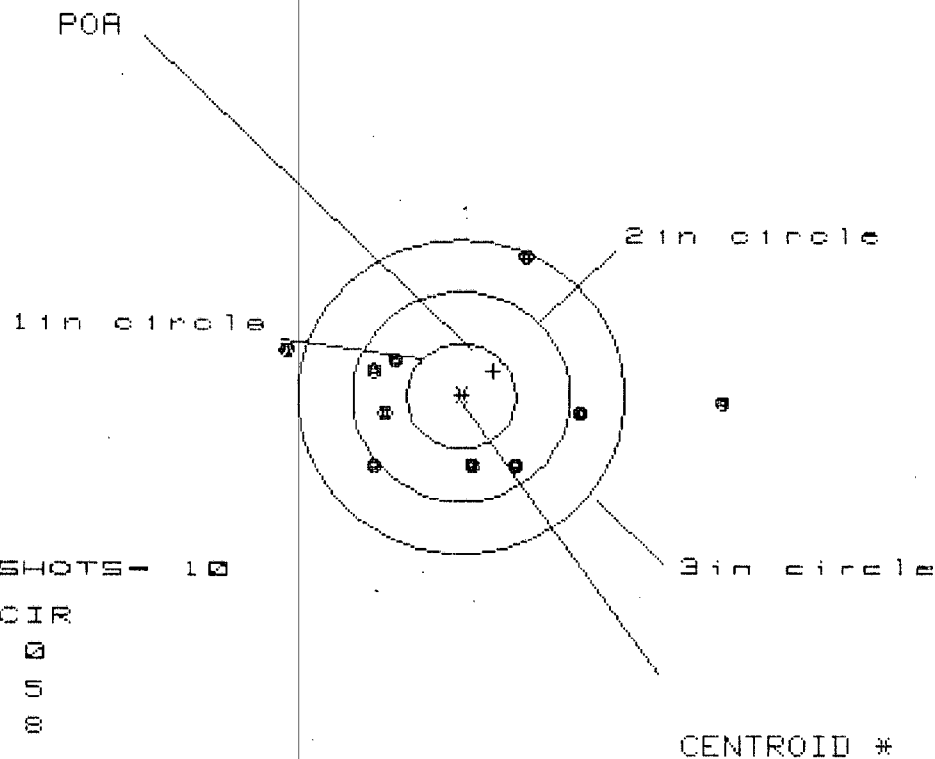
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.139	.996	.715
MINIMUM X	:	-1.286	-.884	-.760
MAXIMUM Y	:	.865	.846	.824
MINIMUM Y	:	-.449	-.468	-.490
CENTROID X	:	-.042	.101	-.023
CENTROID Y	:	-.051	-.032	-.010
POA TO CENTROID in.	:	.066	.106	.025
MIN RADIUS	:	.322	.195	.287
MEAN RADIUS	:	.740	.645	.619
MAX RADIUS	:	1.297	1.072	.981
HORIZONTAL SPREAD	:	2.425	1.880	1.475
VERTICAL SPREAD	:	1.314	1.314	1.314
EXTREME SPREAD	:	2.425	2.011	1.651
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611606

CENTERFIRE PATTERNS

4



OF SHOTS - 10

IN CIR

1in = 0

2in = 5

3in = 8

HS = 3.9886

VS = 2.0552

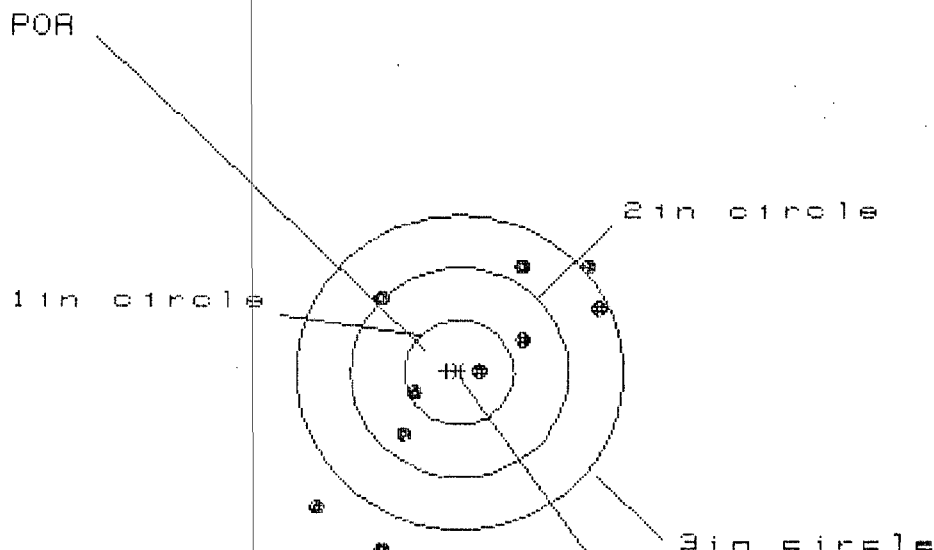
GS = 4.010

PATTERN #	4		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	2.349	1.346	1.174
MINIMUM X	-1.637	-1.375	-.715
MAXIMUM Y	1.349	1.343	1.399
MINIMUM Y	-.704	-.709	-.653
CENTROID X	-.294	-.556	-.384
CENTROID Y	-.242	-.237	-.293
POA TO CENTROID in.	.381	.604	.483
MIN RADIUS	.634	.484	.603
MEAN RADIUS	1.137	.947	.895
MAX RADIUS	2.350	1.574	1.542
HORIZONTAL SPREAD	3.986	2.721	1.889
VERTICAL SPREAD	2.052	2.052	2.052
EXTREME SPREAD	4.010	2.798	2.396
NUMBER IN ONE INCH CIRCLE	=	0	
NUMBER IN TWO INCH CIRCLE	=	5	
NUMBER IN THREE INCH CIRCLE	=	8	

16 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611606

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 7

HS= 2.669

VS= 2.700

GS= 3.401

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.308	1.157	1.042
MINIMUM X	:	-1.361	-.914	-.995
MAXIMUM Y	:	1.034	.892	.667
MINIMUM Y	:	-1.666	-1.808	-1.000
CENTROID X	:	.119	.270	.385
CENTROID Y	:	-.014	.128	.353
POA TO CENTROID in.	:	.120	.299	.522
MIN RADIUS	:	.214	.133	.288
MEAN RADIUS	:	1.104	.992	.845
MAX RADIUS	:	1.865	2.026	1.255
HORIZONTAL SPREAD	:	2.669	2.071	2.037
VERTICAL SPREAD	:	2.700	2.700	1.667
EXTREME SPREAD	:	3.401	3.298	2.329
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	