

G 659 0209
Refused
C-6225171

06/03/08 12:50:13

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: RE00146050

Serial: G6590209 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 6/3/2008 9:50:20 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: INSTALLATION SERIALIZATION OFFICER

INSTALLATION SERIALIZATION OFFICER

Address 1: BLDG 7920

BLDG 7920

Address 2: PO Box:

PO Box:

City: FT. RILEY

FT. RILEY

State: KS

Zip Code: 66442

Country: US

State: KS

Zip Code: 66442

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
A006	Sling Strap	1
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1
0000	SCOPE CASE WITH I	1

Repair Search

Refresh

Close

nagletj

6/3/2008

12:58 PM

CAPS

NUM

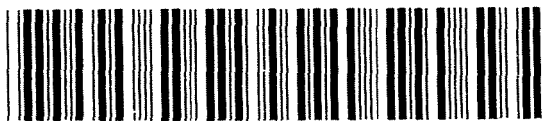
INS

SCRL



Number: G6590209

Model: M24 SWS



RE00146050

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

R & E NUMBER <u>146058</u>			
SERIAL NUMBER <u>G1059 0209</u>			
LOG-IN DATE <u>6-3-08</u>			

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5/5-09	RT
505	RE-BARREL	5/26/09	RT
420	ASSEMBLE	5/26/09	RT
440	PROOF	5/26/09	RPD
460	CHECK HEADSPACE	5/26/09	RPD
470	DIS-ASSEMBLE GUN	5/26/09	RPD
480	MAGNAFLUX	5/30/09	RP
510	DRILL AND TAP	5-27-09	SP
500	ROLLMARK CALIBER	6/1/09	RT
520	GOFF BLAST BBL / REC	6-1-09	DWD
530 & 540	APPLY COATINGS	6/3	C
560	FINAL ASSEMBLY	6/4/09	RT
640	FUNCTION TEST AND	(PASS) FAIL 6-4-09	RP
650	TARGET	(PASS) FAIL 6-4-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	(PASS) FAIL 6-5-09	RPD
	B) TRIGGER PULL	268 272 271 274 276 6-5-09	RT
680	F) SAFETY ON FORCE	5.0 5.0 5.0 6-5-09	RPD
	G) SAFETY OFF FORCE	5.0 5.0 6.0 6-5-09	RPD
	I) FIRING PIN INDENT	.021 .021 .021 6-5-09	RPD
690	PACK	6/5/09	Fry

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590209.___1
FILE DATE AND TIME: 06/05/2009 07:36

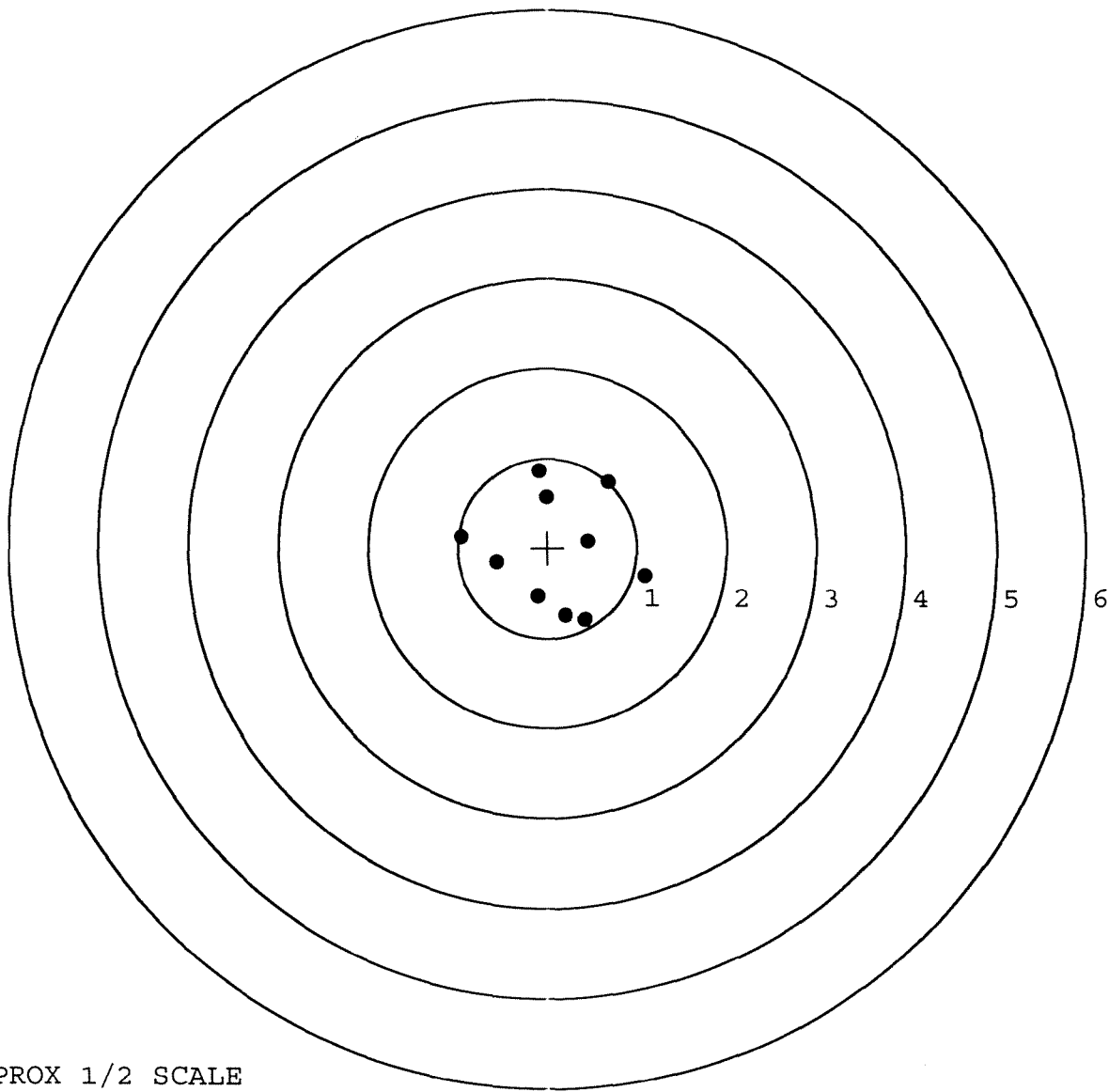
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.011
The Average Y Centroid of the Five Target Set:	0.019
The Average Point of Impact of the Five Target Set:	0.022
The Average Mean Radius of the Five Target Set:	0.600
The Distance from POA to Centroid Target #1:	0.113
The Distance from Centroid Target #2 to Centroid Target #1:	0.120
The Distance from Centroid Target #3 to Centroid Target #1:	0.232
The Distance from Centroid Target #4 to Centroid Target #1:	0.151
The Distance from Centroid Target #5 to Centroid Target #1:	0.185

SERIAL NUMBER: G6590209. __1
TARGET NUMBER: 1
FILE DATE: 06/05/2009
FILE TIME: 07:36

POINT#	X	Y
1:	-0.961	0.122
2:	-0.561	-0.159
3:	-0.113	-0.542
4:	0.201	-0.747
5:	0.428	-0.795
6:	1.089	-0.312
7:	0.459	0.080
8:	0.682	0.735
9:	-0.013	0.563
10:	-0.099	0.857

X CENTROID: 0.111
Y CENTROID: -0.020
POA TO CENTROID: 0.113
HORZ SPREAD: 2.050
VERT SPREAD: 1.652
GROUP SPREAD: 2.095
MIN RADIUS: 0.362
MAX RADIUS: 1.082
MEAN RADIUS: 0.773
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

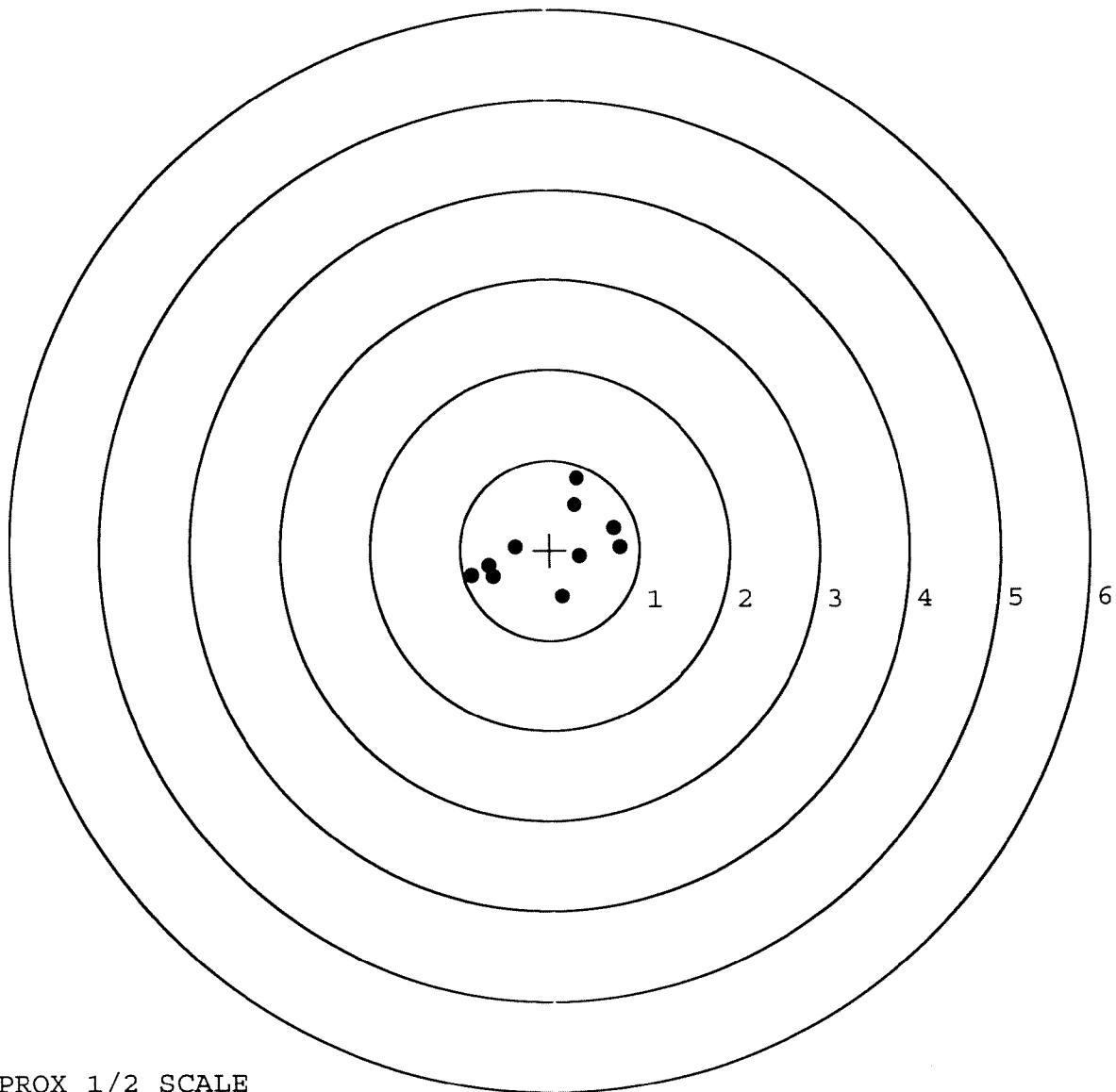


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. __1
TARGET NUMBER: 2
FILE DATE: 06/05/2009
FILE TIME: 07:36

X CENTROID: 0.001
Y CENTROID: 0.029
POA TO CENTROID: 0.029
HORZ SPREAD: 1.649
VERT SPREAD: 1.311
GROUP SPREAD: 1.678
MIN RADIUS: 0.353
MAX RADIUS: 0.921
MEAN RADIUS: 0.654
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.868	-0.276
2:	-0.677	-0.169
3:	-0.381	0.036
4:	0.136	-0.514
5:	0.340	-0.073
6:	0.781	0.032
7:	0.719	0.243
8:	0.307	0.797
9:	0.284	0.502
10:	-0.627	-0.293

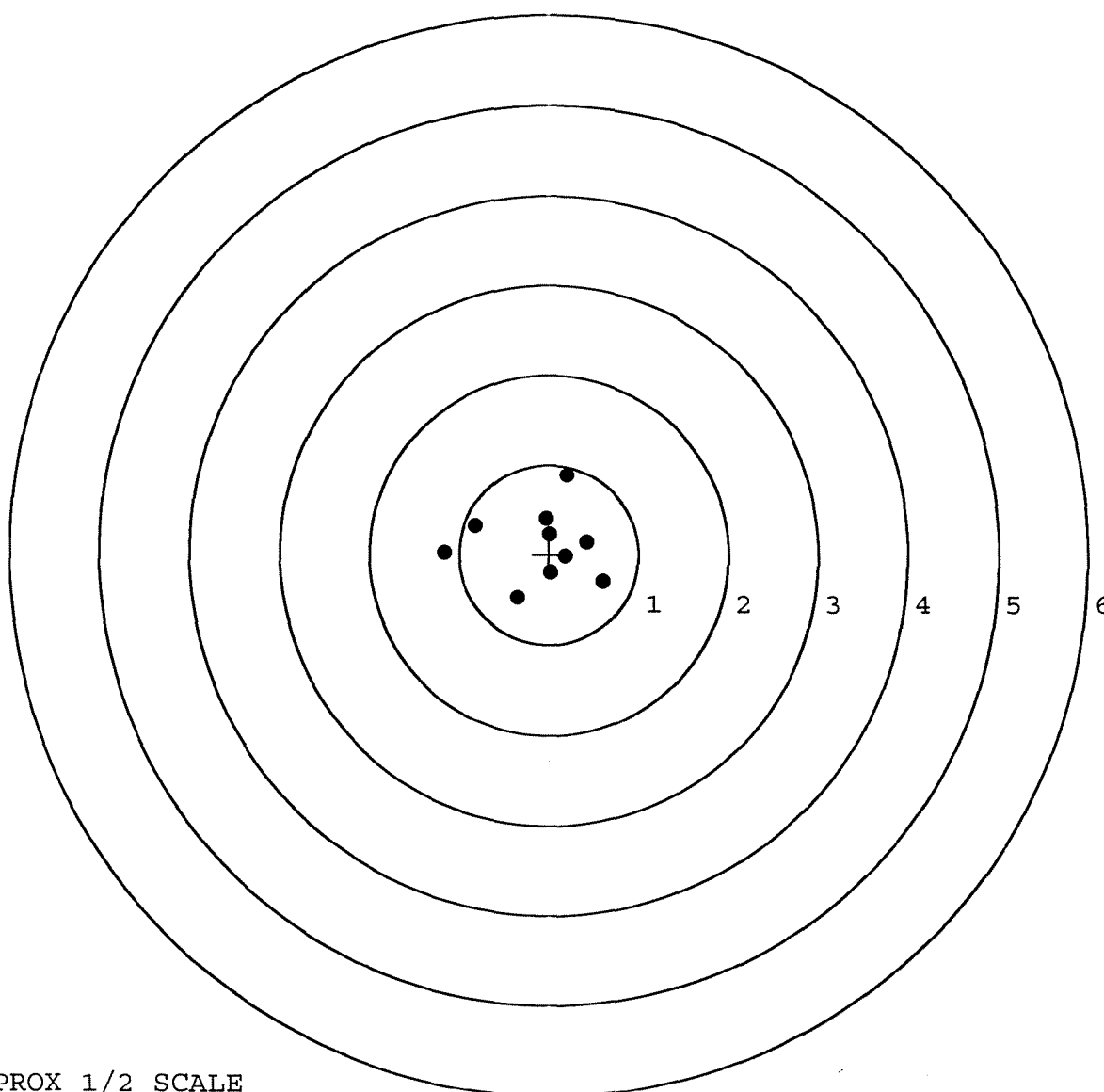


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. __1
TARGET NUMBER: 3
FILE DATE: 06/05/2009
FILE TIME: 07:36

POINT#	X	Y
1:	-1.173	0.020
2:	-0.819	0.315
3:	0.204	0.880
4:	-0.353	-0.484
5:	-0.029	0.397
6:	0.024	-0.206
7:	0.611	-0.304
8:	0.432	0.139
9:	0.186	-0.023
10:	0.013	0.222

X CENTROID: -0.090
Y CENTROID: 0.096
POA TO CENTROID: 0.132
HORZ SPREAD: 1.784
VERT SPREAD: 1.364
GROUP SPREAD: 1.813
MIN RADIUS: 0.163
MAX RADIUS: 1.085
MEAN RADIUS: 0.575
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10



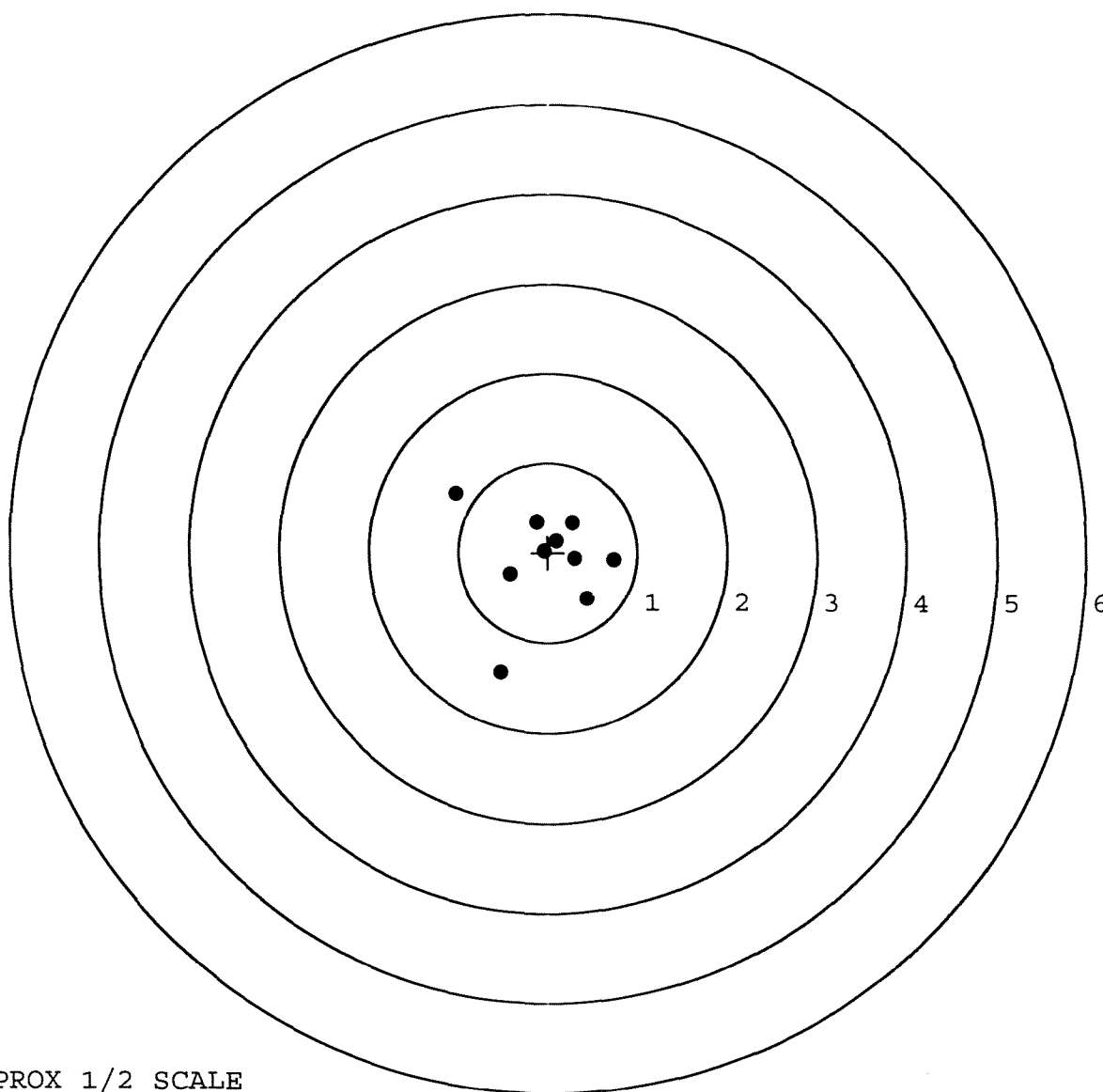
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. 1
TARGET NUMBER: 4
FILE DATE: 06/05/2009
FILE TIME: 07:36

X CENTROID: -0.028
Y CENTROID: -0.078
POA TO CENTROID: 0.083
HORZ SPREAD: 1.768
VERT SPREAD: 1.991
GROUP SPREAD: 2.056
MIN RADIUS: 0.099
MAX RADIUS: 1.348
MEAN RADIUS: 0.605

IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.520	-1.333
2:	-0.426	-0.242
3:	-1.033	0.658
4:	0.445	-0.520
5:	0.735	-0.086
6:	0.306	-0.073
7:	0.284	0.330
8:	-0.046	0.019
9:	-0.120	0.334
10:	0.098	0.131

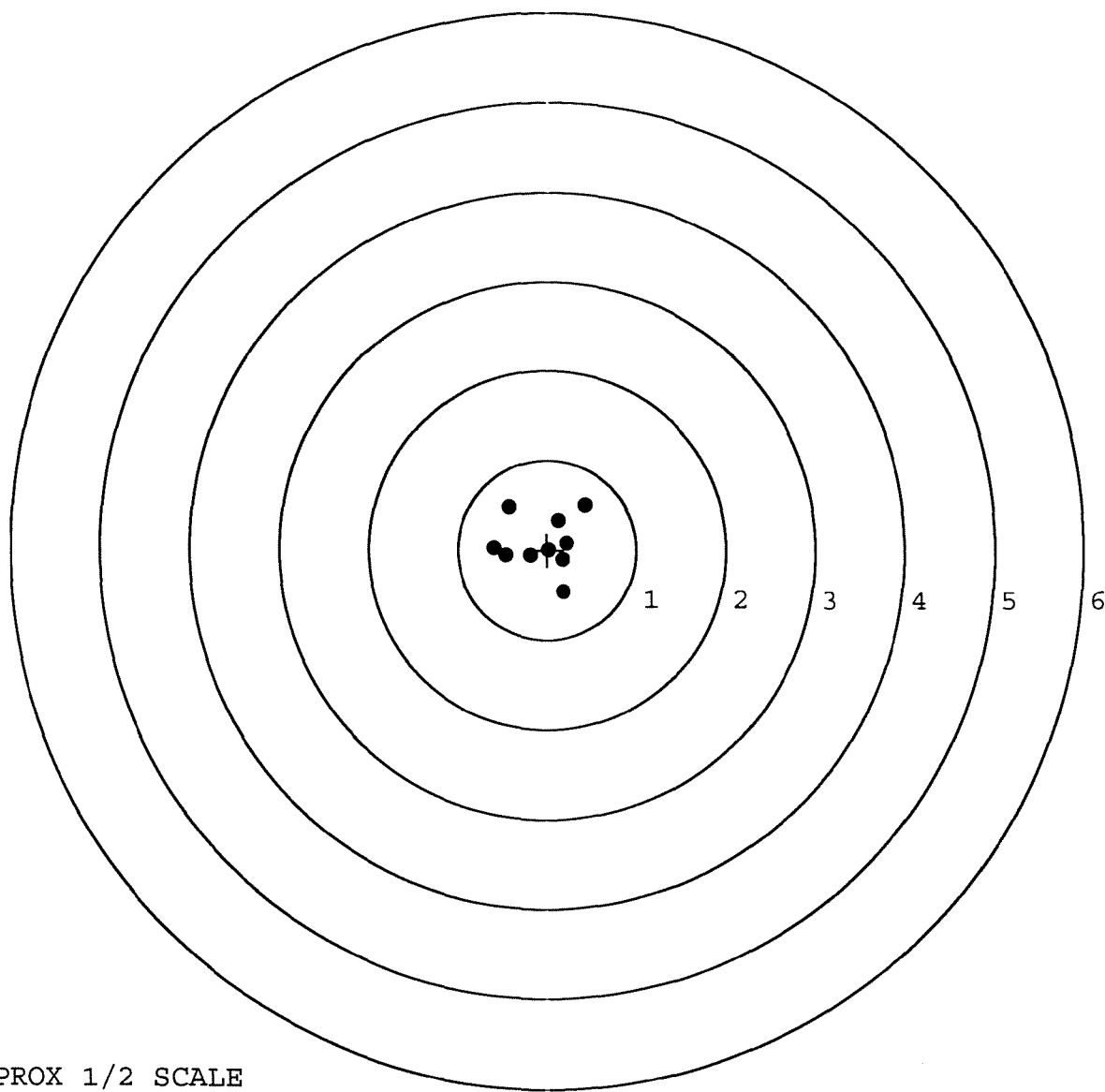


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. __1
TARGET NUMBER: 5
FILE DATE: 06/05/2009
FILE TIME: 07:36

X CENTROID: -0.051
Y CENTROID: 0.069
POA TO CENTROID: 0.086
HORZ SPREAD: 1.026
VERT SPREAD: 0.970
GROUP SPREAD: 1.131
MIN RADIUS: 0.094
MAX RADIUS: 0.646
MEAN RADIUS: 0.394
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.427	0.476
2:	-0.594	0.021
3:	0.187	-0.472
4:	0.432	0.498
5:	0.132	0.328
6:	0.225	0.079
7:	-0.461	-0.063
8:	-0.190	-0.066
9:	0.176	-0.111
10:	0.014	0.001



TARGET APPROX 1/2 SCALE

Deploy KIT
Soft CASE
SLWB

08/22/07 07:54:47

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: RE00133033

Serial: C6225171 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/21/1989

Repairman:

Verify Repair

High Priority

Status:

Closed 8/22/2007 7:12:54 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: TRANSPORTATION OFFICER

TRANSPORTATION OFFICER

Address 1: XR WOK8 USA ROCK ISL ARSENAL

XR WOK8 USA ROCK ISL ARSENAL

Address 2: BLDG 299 GILLESPIE AVE BECK PO Box:

BLDG 299 GILLESPIE AVE BECK PO Box:

City: ROCK ISLAND

ROCK ISLAND

State: IL

Zip Code: 61299

Country: US

State: IL

Zip Code: 61299

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
A026	Scope	1
A055	Deployment Kit	1
A057	Frt and Rear Sgt Base	1
D000	SCOPE CASE	1

Repair Search

Refresh

Close

nagletj

8/22/2007

7:54 AM

CAPS

NUM

INS

SCRL



Inbox - Micr...

Calendar - M...

FW: Restrict...

Arms Service...



7:54 AM

G659 0209 (New)

Serial Number: C6225171

Model: M24 SWS



RE00133033

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6590209.___0

FILE DATE AND TIME: 10/15/2007 14:29

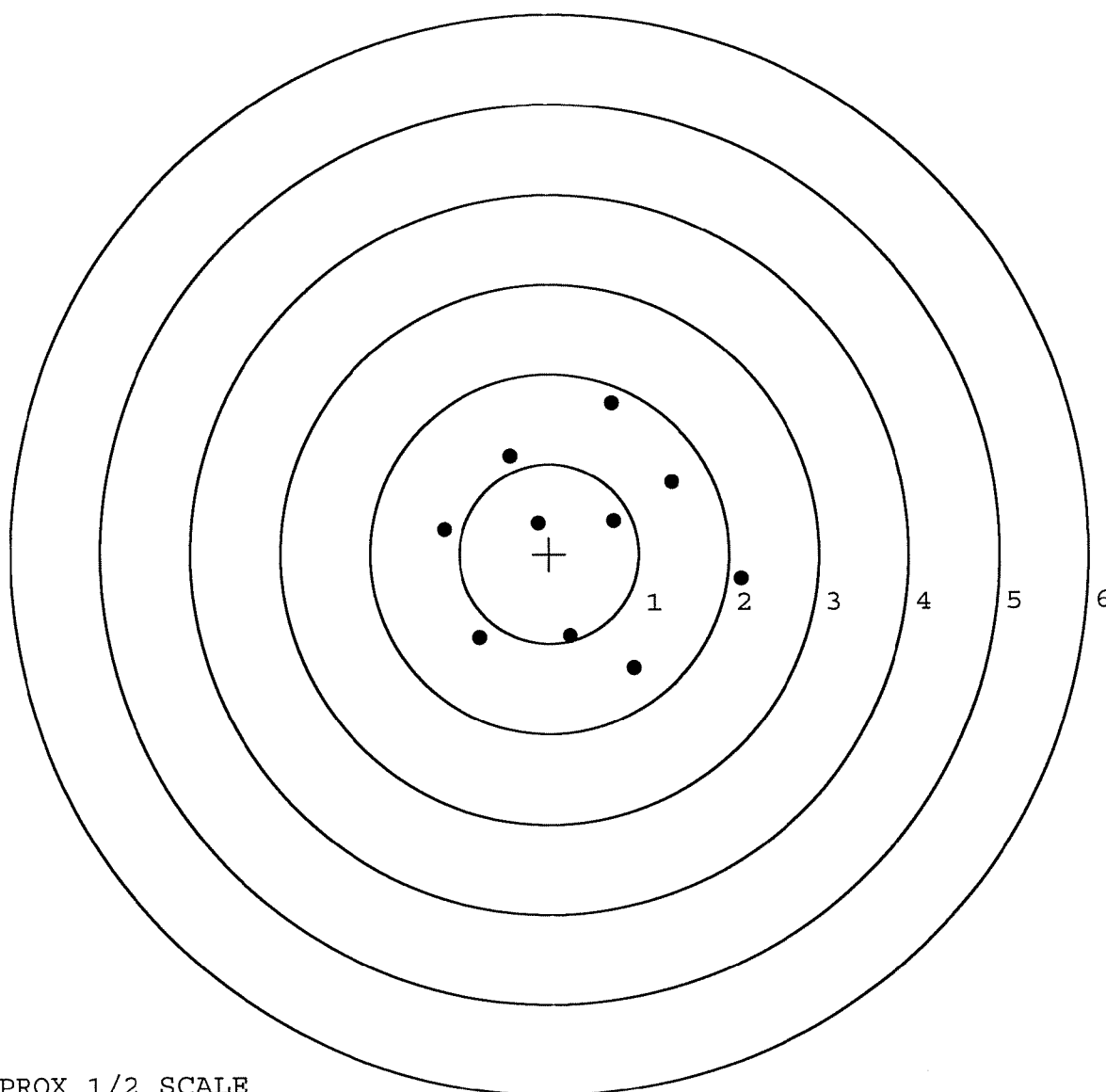
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.007
The Average Y Centroid of the Five Target Set:	-0.008
The Average Point of Impact of the Five Target Set:	0.010
The Average Mean Radius of the Five Target Set:	0.782
The Distance from POA to Centroid Target #1:	0.375
The Distance from Centroid Target #2 to Centroid Target #1:	0.537
The Distance from Centroid Target #3 to Centroid Target #1:	0.488
The Distance from Centroid Target #4 to Centroid Target #1:	0.458
The Distance from Centroid Target #5 to Centroid Target #1:	0.421

SERIAL NUMBER: G6590209.___0
TARGET NUMBER: 1
FILE DATE: 10/15/2007
FILE TIME: 14:29

X CENTROID: 0.358
Y CENTROID: 0.111
POA TO CENTROID: 0.375
HORZ SPREAD: 3.301
VERT SPREAD: 2.954
GROUP SPREAD: 3.351
MIN RADIUS: 0.441
MAX RADIUS: 1.815
MEAN RADIUS: 1.251
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 2
in 3 IN DIAMETER: 5

POINT#	X	Y
1:	2.128	-0.292
2:	1.370	0.789
3:	0.708	1.672
4:	0.720	0.363
5:	-0.432	1.092
6:	-0.122	0.343
7:	-1.173	0.285
8:	-0.783	-0.936
9:	0.228	-0.923
10:	0.935	-1.282



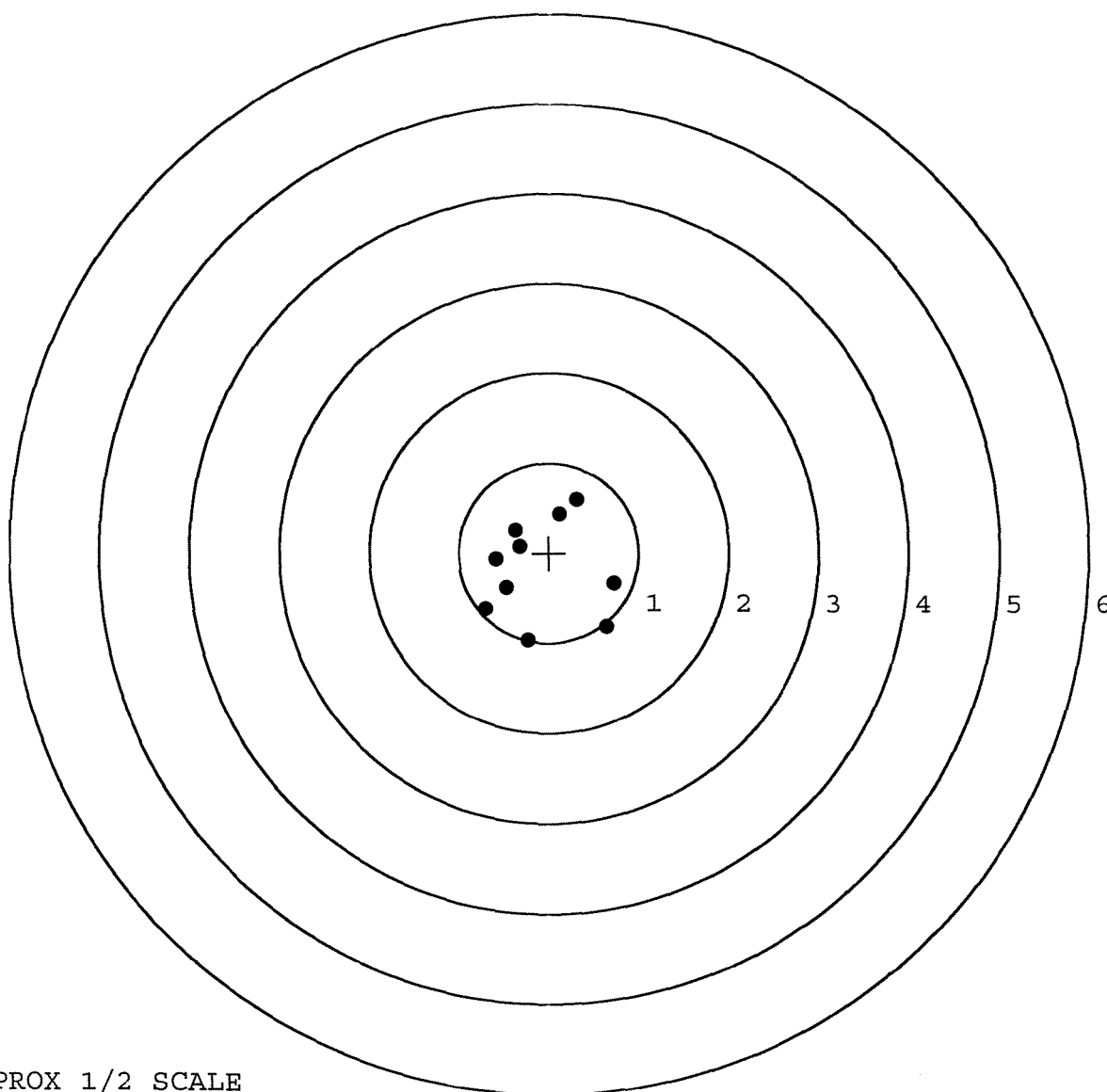
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. __0
TARGET NUMBER: 2
FILE DATE: 10/15/2007
FILE TIME: 14:29

X CENTROID: -0.088
Y CENTROID: -0.189
POA TO CENTROID: 0.208
HORZ SPREAD: 1.434
VERT SPREAD: 1.564
GROUP SPREAD: 1.481
MIN RADIUS: 0.353
MAX RADIUS: 0.974
MEAN RADIUS: 0.671

IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.648	-0.826
2:	0.729	-0.338
3:	-0.233	-0.976
4:	-0.705	-0.632
5:	-0.472	-0.386
6:	-0.587	-0.071
7:	-0.325	0.073
8:	-0.371	0.249
9:	0.118	0.433
10:	0.318	0.588

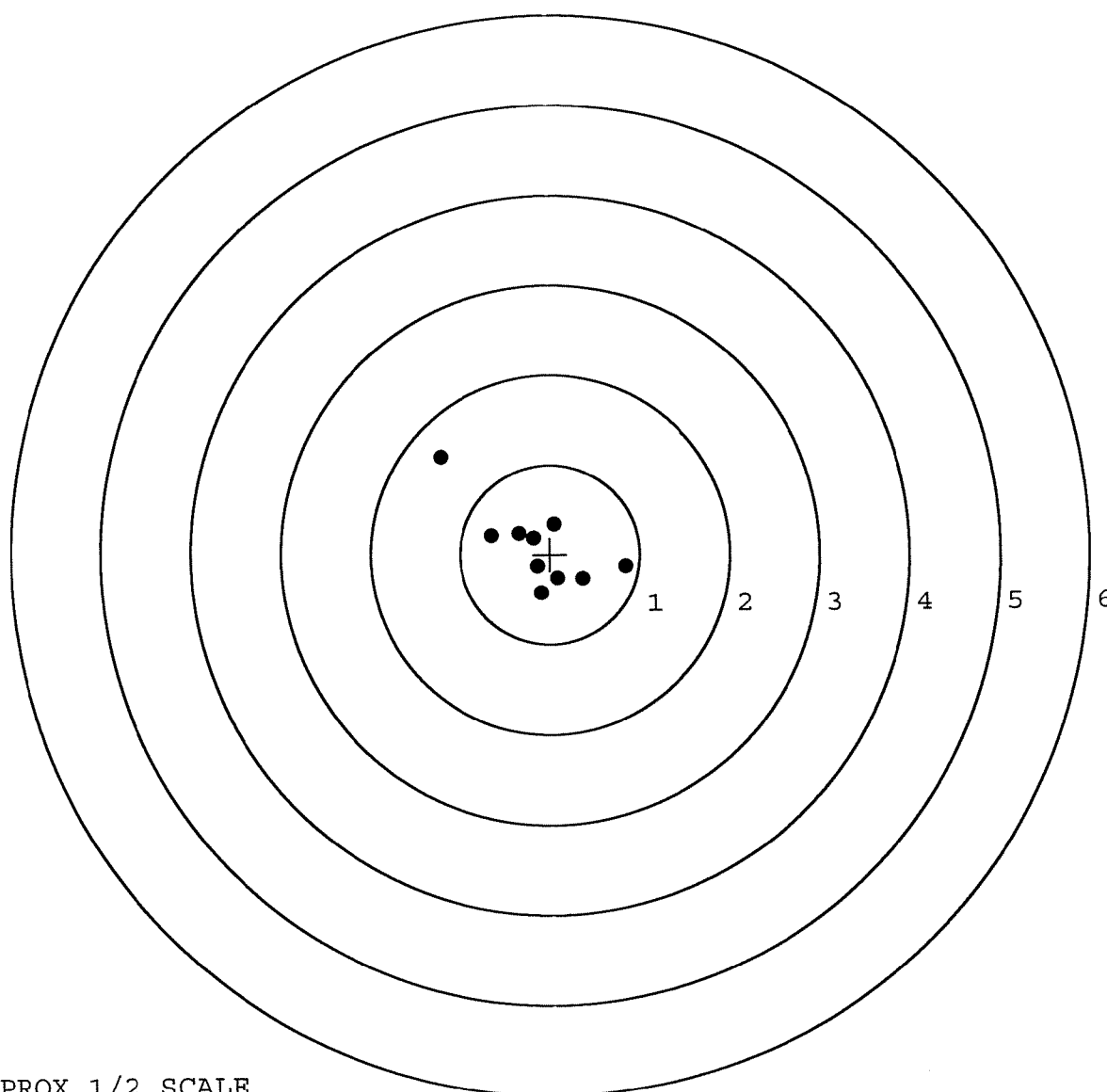


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. __0
TARGET NUMBER: 3
FILE DATE: 10/15/2007
FILE TIME: 14:29

X CENTROID: -0.129
Y CENTROID: 0.081
POA TO CENTROID: 0.153
HORZ SPREAD: 2.054
VERT SPREAD: 1.535
GROUP SPREAD: 2.400
MIN RADIUS: 0.116
MAX RADIUS: 1.486
MEAN RADIUS: 0.548
IN 1 IN DIAMETER: 5
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.843	-0.141
2:	-1.211	1.100
3:	0.049	0.336
4:	-0.186	0.183
5:	-0.342	0.234
6:	-0.652	0.220
7:	-0.145	-0.138
8:	-0.103	-0.435
9:	0.086	-0.269
10:	0.371	-0.276



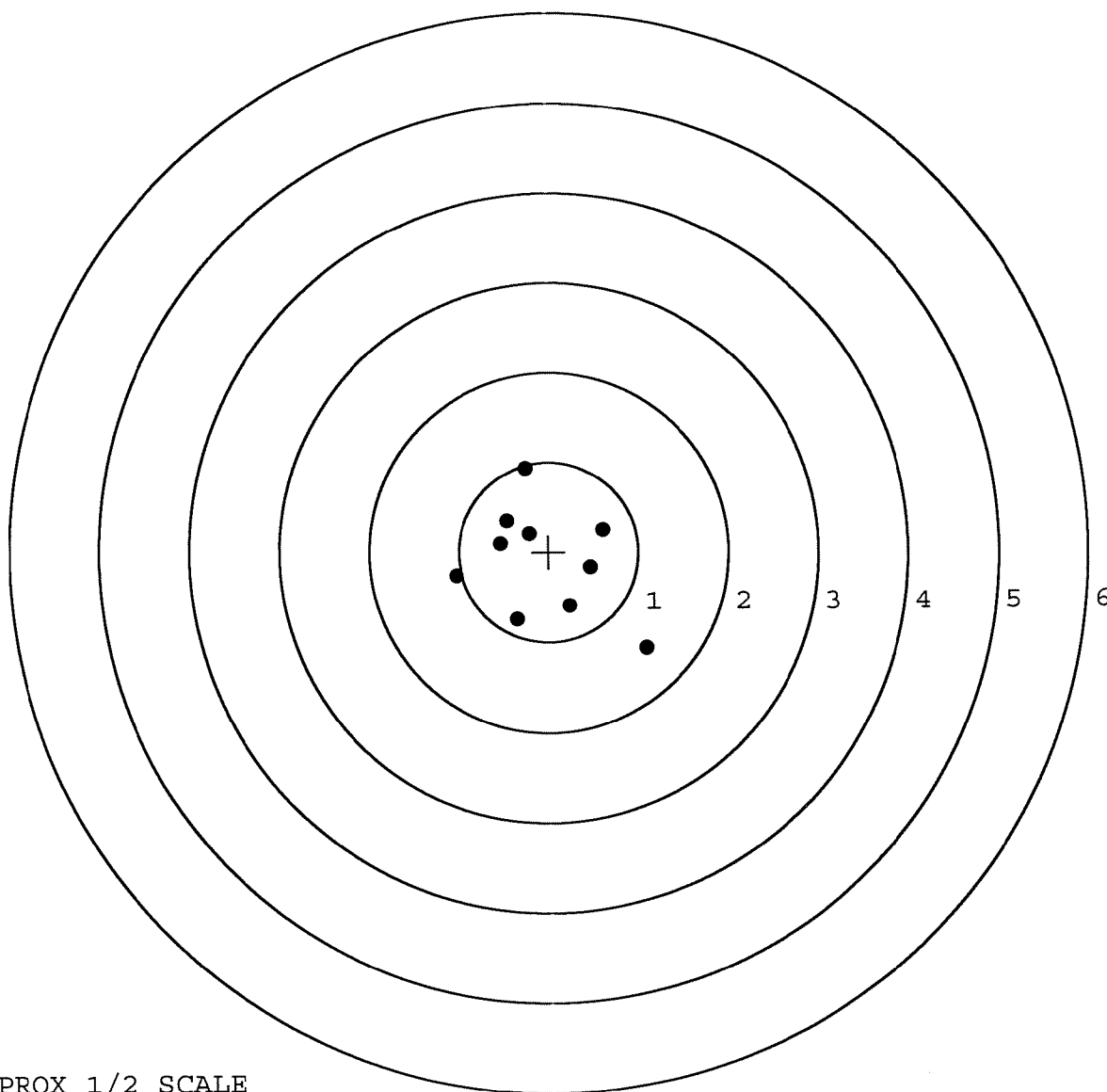
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. __0
TARGET NUMBER: 4
FILE DATE: 10/15/2007
FILE TIME: 14:29

X CENTROID: -0.046
Y CENTROID: -0.106
POA TO CENTROID: 0.115
HORZ SPREAD: 2.114
VERT SPREAD: 2.007
GROUP SPREAD: 2.414
MIN RADIUS: 0.350
MAX RADIUS: 1.490
MEAN RADIUS: 0.760

IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.083	-1.078
2:	0.239	-0.603
3:	0.473	-0.180
4:	0.608	0.244
5:	-0.258	0.929
6:	-0.354	-0.751
7:	-1.031	-0.263
8:	-0.539	0.094
9:	-0.460	0.352
10:	-0.216	0.200



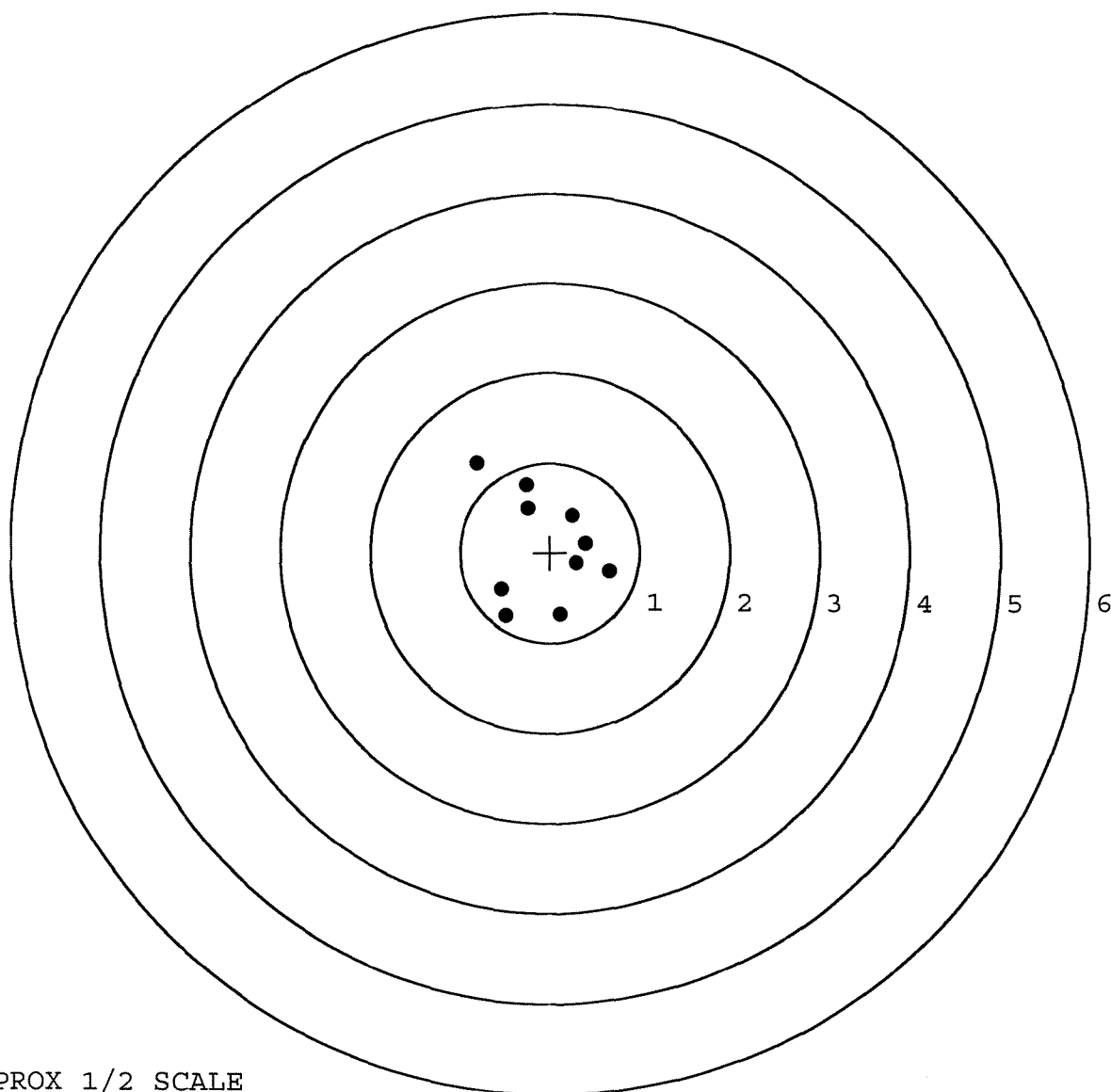
TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6590209. __0
TARGET NUMBER: 5
FILE DATE: 10/15/2007
FILE TIME: 14:29

X CENTROID: -0.061
Y CENTROID: 0.064
POA TO CENTROID: 0.088
HORZ SPREAD: 1.482
VERT SPREAD: 1.701
GROUP SPREAD: 1.925
MIN RADIUS: 0.400
MAX RADIUS: 1.199
MEAN RADIUS: 0.681

IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.812	0.998
2:	-0.263	0.753
3:	-0.245	0.487
4:	0.256	0.413
5:	0.403	0.104
6:	0.296	-0.117
7:	0.670	-0.208
8:	0.117	-0.688
9:	-0.493	-0.703
10:	-0.536	-0.400

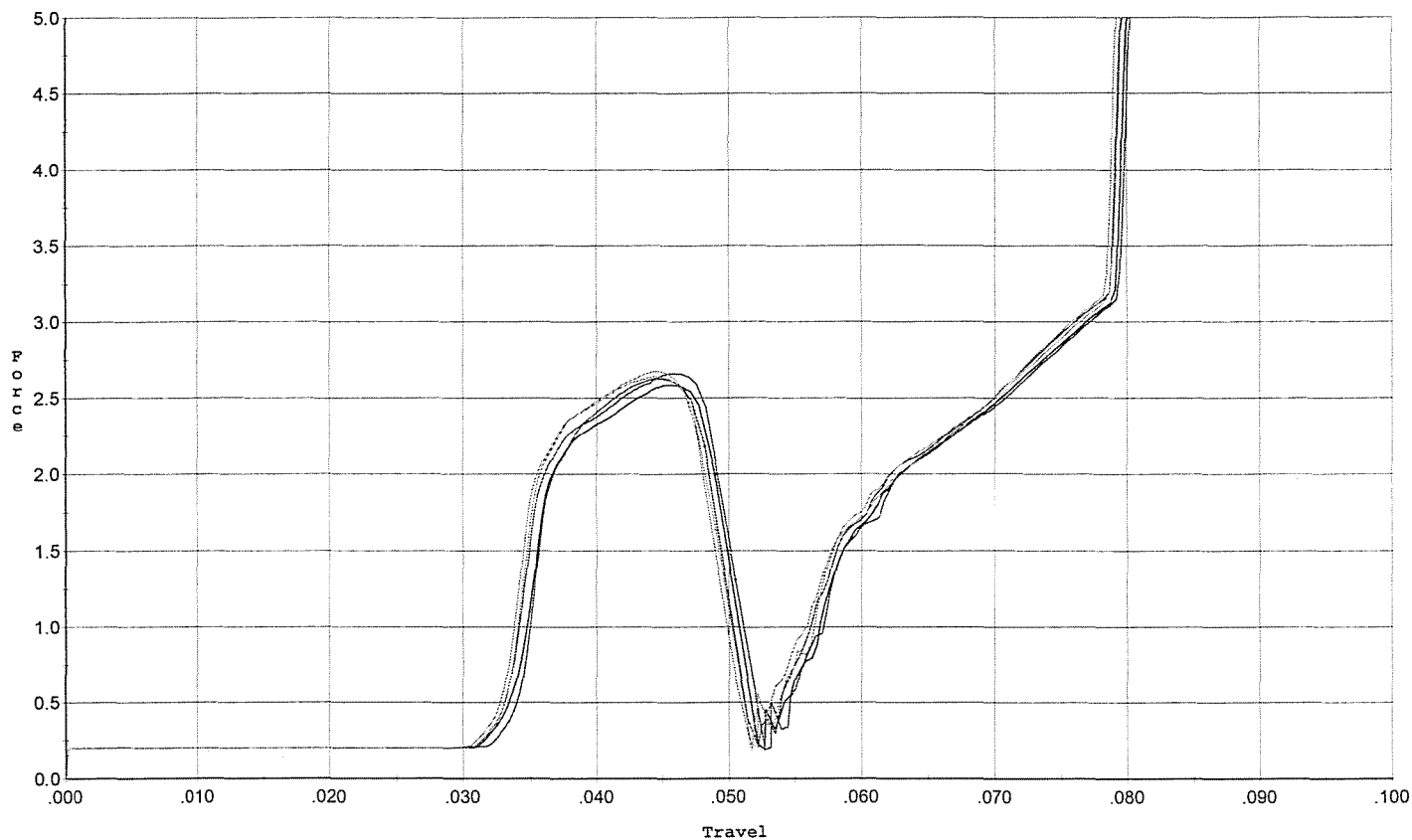


TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/25/07

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



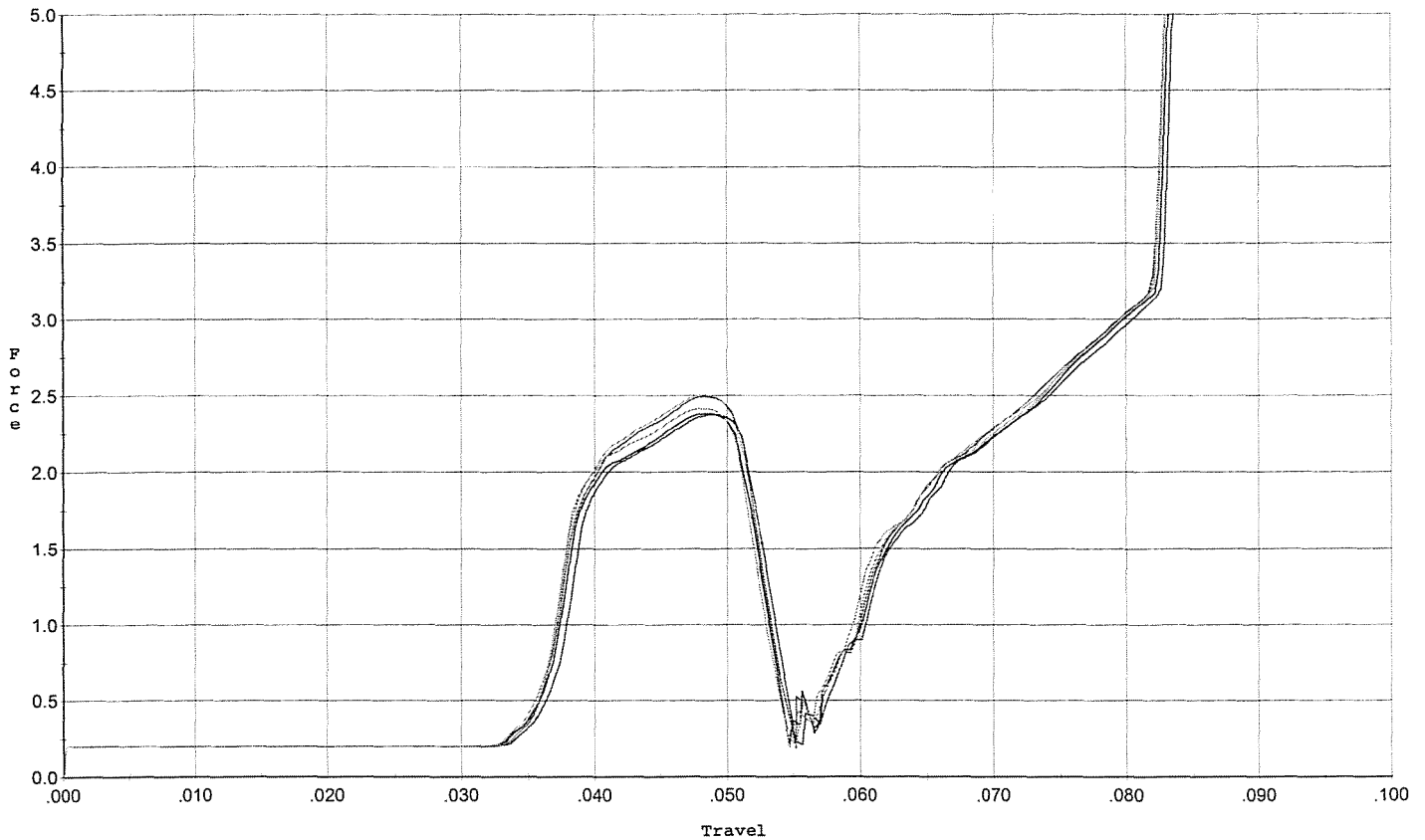
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.658	0.050	0.034	0.035	0.043		Set Trigger
2	2.586	0.049	0.033	0.036	0.041		Set Trigger
3	2.628	0.048	0.033	0.035	0.042		Set Trigger
4	2.640	0.049	0.032	0.035	0.043		Set Trigger
5	2.675	0.047	0.032	0.035	0.042		Set Trigger

Avg 2.63

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 9/25/07

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



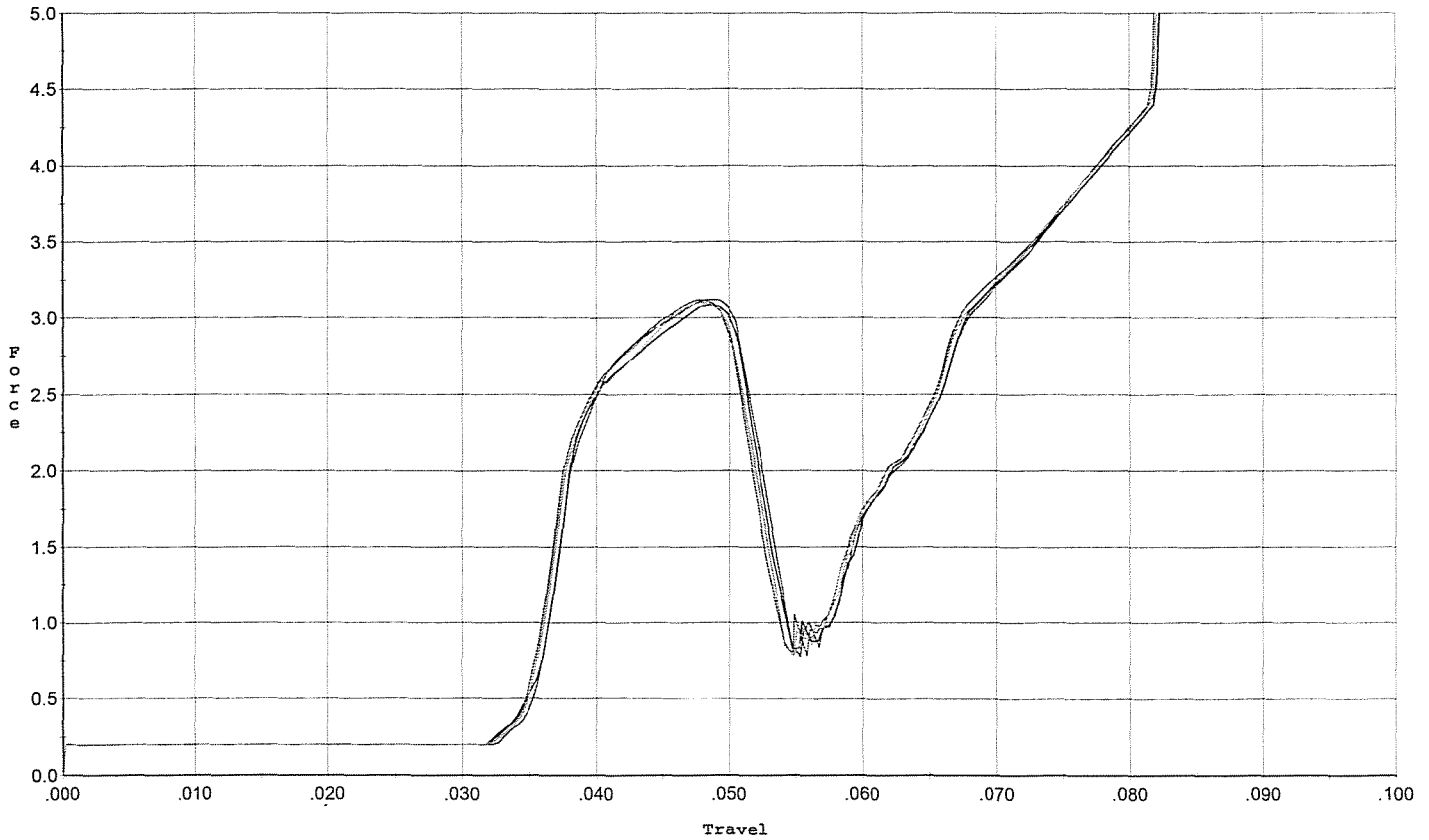
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.380	0.053	0.036	0.037	0.040		Set Trigger
2	2.384	0.052	0.035	0.037	0.040		Set Trigger
3	2.496	0.051	0.036	0.037	0.040		Set Trigger
4	2.506	0.051	0.035	0.037	0.041		Set Trigger
5	2.418	0.051	0.035	0.037	0.039		Set Trigger

Avg 2.43

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/25/07

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



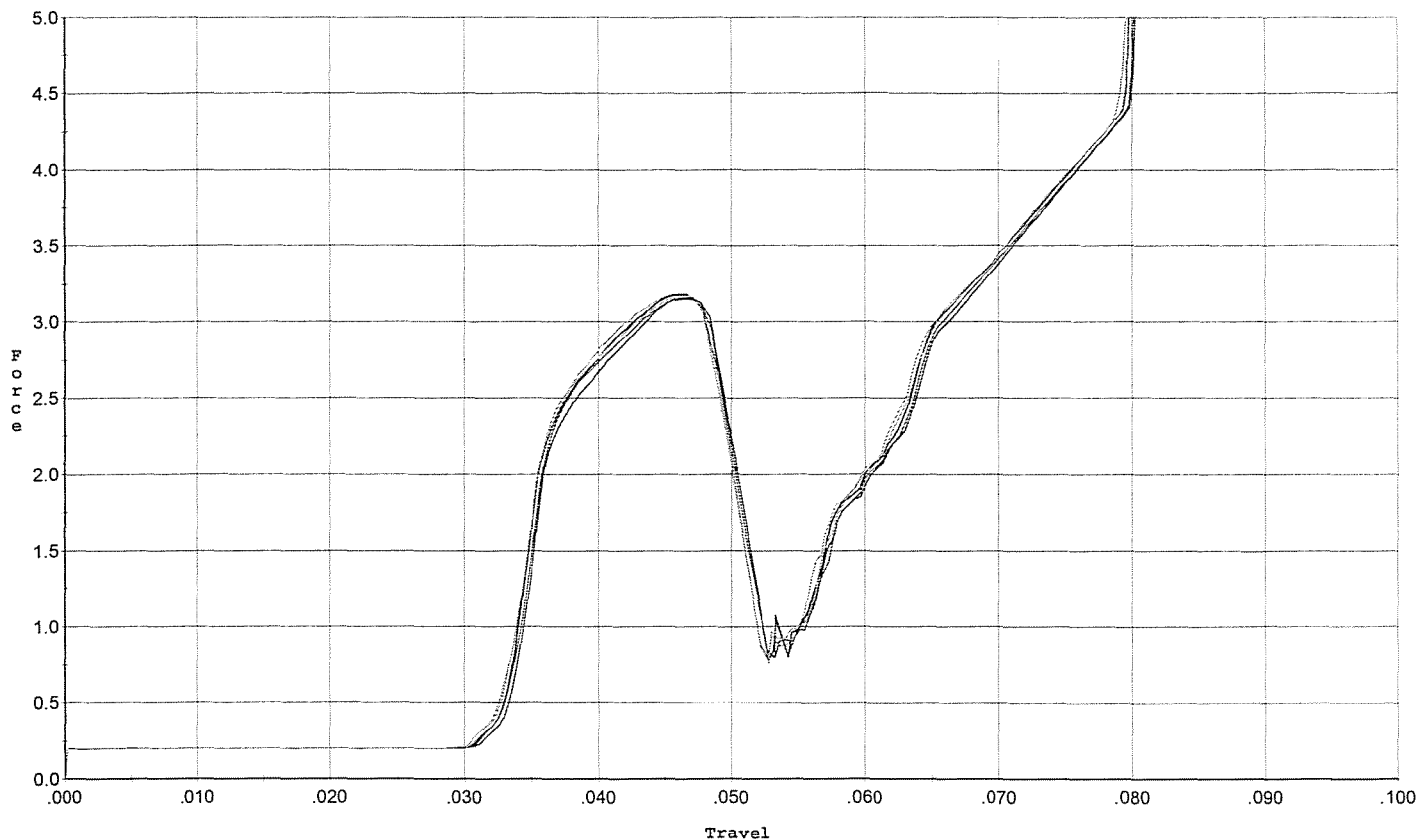
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.122	0.052	0.035	0.036	0.051		Set Trigger
2	3.082	0.051	0.034	0.036	0.049		Set Trigger
3	3.120	0.050	0.034	0.036	0.049		Set Trigger
4	3.104	0.052	0.035	0.036	0.050		Set Trigger
5	3.102	0.052	0.034	0.036	0.050		Set Trigger

Avg 3.10

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putsch 9/25/07

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



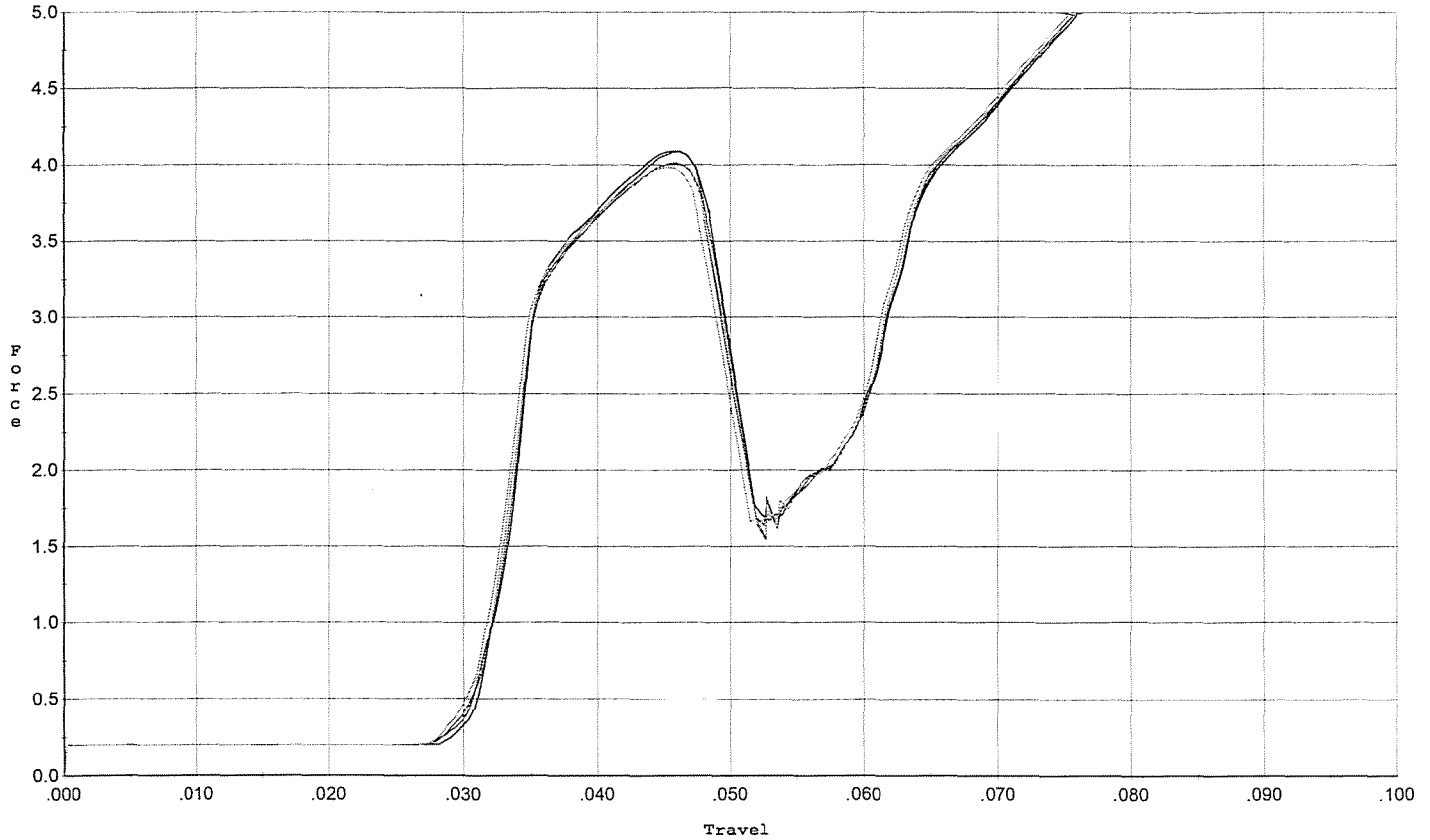
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.162	0.050	0.033	0.035	0.051		Set Trigger
2	3.183	0.049	0.033	0.034	0.050		Set Trigger
3	3.153	0.049	0.033	0.035	0.049		Set Trigger
4	3.189	0.049	0.032	0.034	0.051		Set Trigger
5	3.174	0.049	0.032	0.034	0.050		Set Trigger

AVG 3.17

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/25/07

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



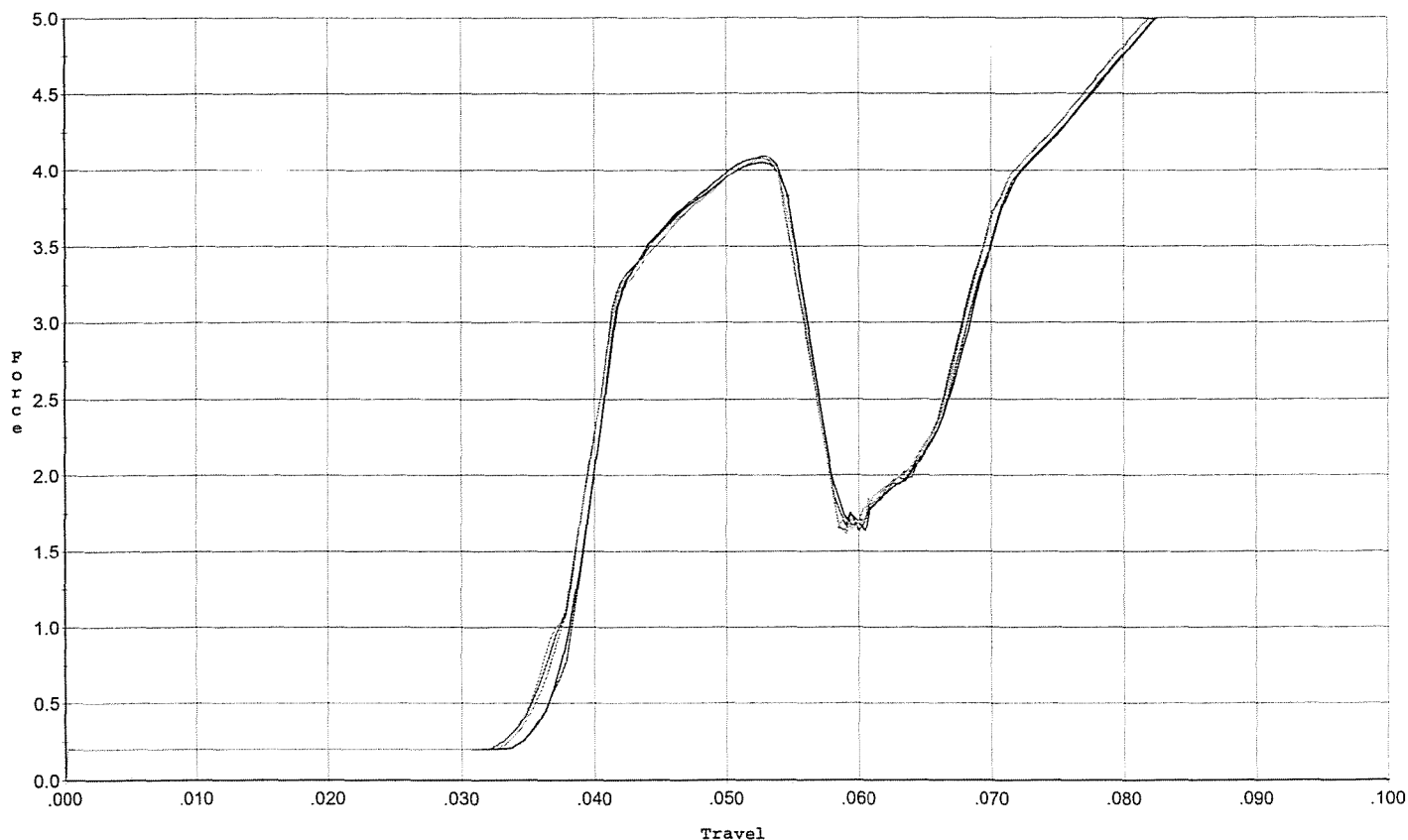
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.084	0.049	0.030	0.033	0.067		Set Trigger
2	4.090	0.048	0.031	0.033	0.066		Set Trigger
3	4.006	0.048	0.030	0.033	0.064		Set Trigger
4	3.982	0.049	0.030	0.032	0.066		Set Trigger
5	4.015	0.050	0.030	0.033	0.068		Set Trigger

Avg 4.03

Trigger Profile [lbs,inch]

Profile: SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/25/07

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



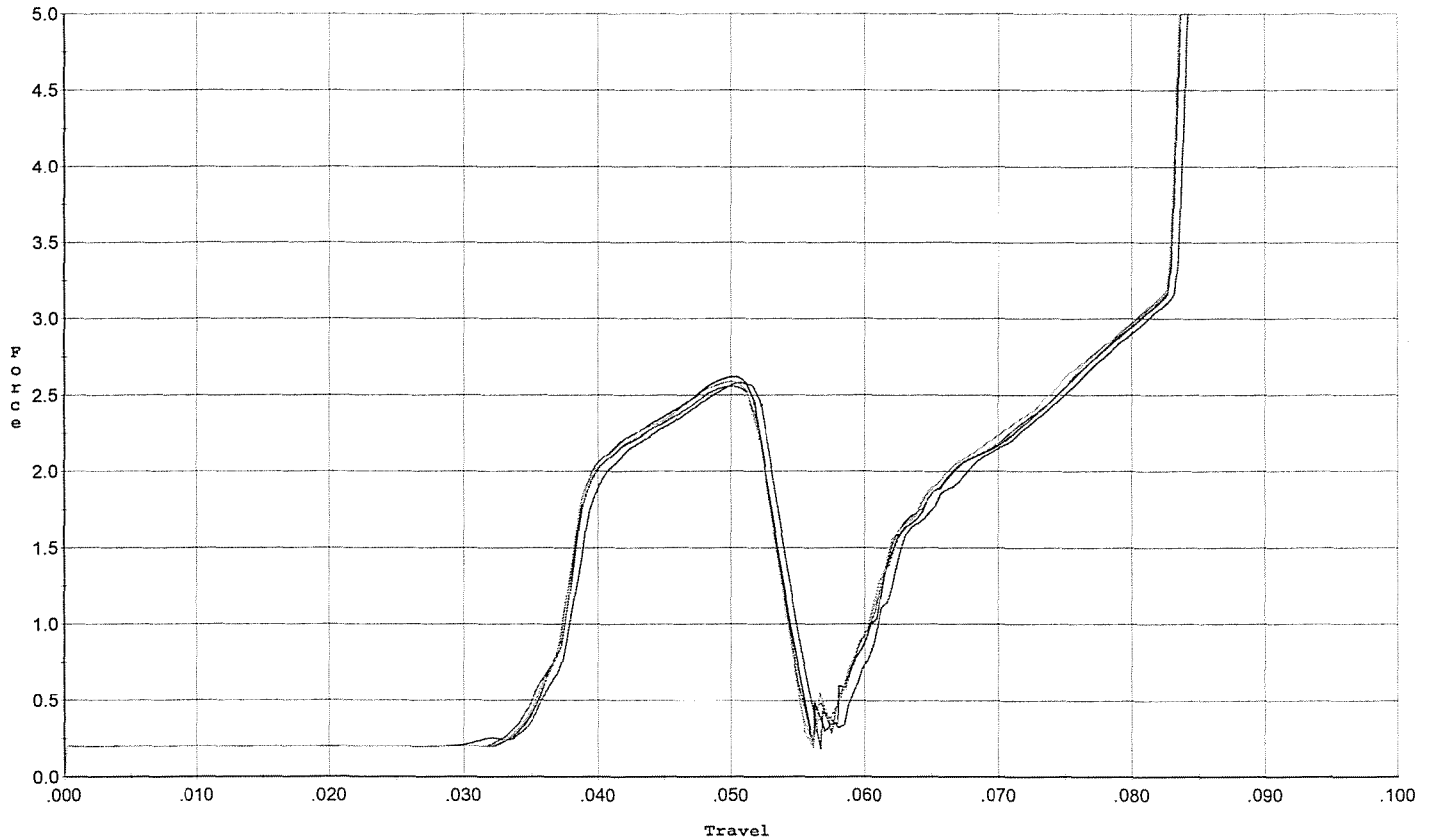
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.091	0.055	0.036	0.034	0.070		Set Trigger
2	4.050	0.055	0.036	0.034	0.069		Set Trigger
3	4.080	0.056	0.035	0.034	0.073		Set Trigger
4	4.077	0.056	0.034	0.034	0.072		Set Trigger
5	4.085	0.055	0.035	0.034	0.071		Set Trigger

Avg 4.07

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/25/07

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



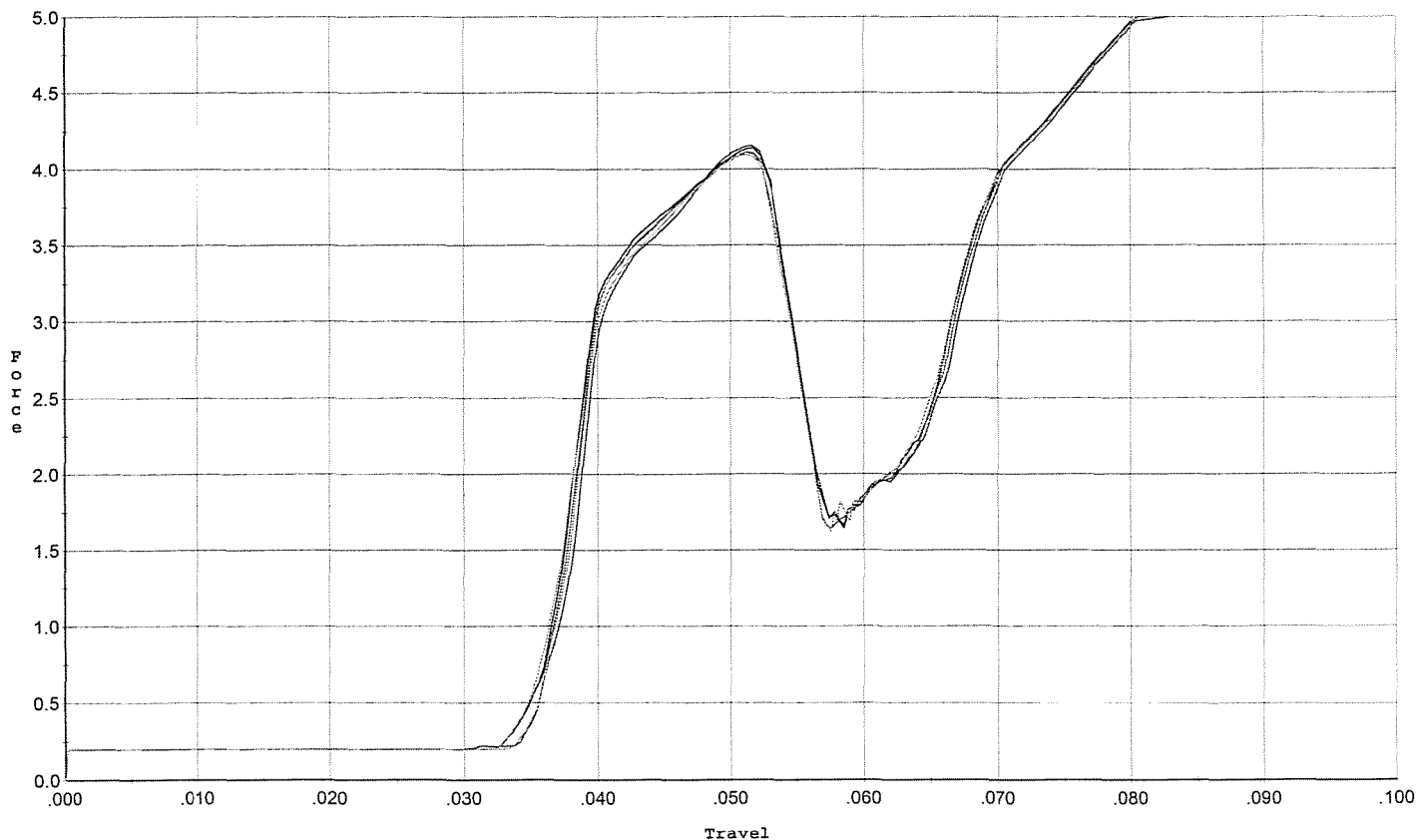
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.581	0.052	0.035	0.037	0.043		Set Trigger
2	2.621	0.052	0.035	0.037	0.043		Set Trigger
3	2.558	0.052	0.034	0.037	0.043		Set Trigger
4	2.588	0.052	0.035	0.037	0.043		Set Trigger
5	2.588	0.052	0.035	0.037	0.044		Set Trigger

Avg 2.58

Trigger Profile [lbs,inch]

Profile SWS
GunType: Rifle
Make: Remington
Note: R. Putch 9/25/07

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	4.155	0.053	0.035	0.034	0.068		Set Trigger
2	4.139	0.053	0.034	0.034	0.070		Set Trigger
3	4.109	0.054	0.034	0.034	0.070		Set Trigger
4	4.093	0.054	0.035	0.034	0.069		Set Trigger
5	4.112	0.054	0.034	0.034	0.070		Set Trigger

Avg 4.12

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

R & E NUMBER <u>138033</u>			
SERIAL NUMBER <u>66225171</u> <u>66590209 (New)</u>			
LOG-IN DATE <u>8-22-07</u>			
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	10-2-07	RTZ
505	RE-BARREL	10-3-07	RTZ
560	ASSEMBLE	10-3-07	RTZ
600	PROOF	10-4-07	TRW
605	CHECK HEADSPACE	10-4-07	TRW
610	DIS-ASSEMBLE GUN	10-5-07	RTZ
612	MAGNAFLUX	10/5/07	mmk
510	DRILL AND TAP	10-5-07	FM
615	ROLLMARK CALIBER	10-5-07	CW
618	ROTO-BLAST	10-8-07	SH
620	APPLY COATINGS	10/9/07	TRW
625	FINAL ASSEMBLY	10-11-07	RTZ
640	FUNCTION TEST AND	(PASS) FAIL	10-12-07 TRW
650	TARGET	(PASS) FAIL	10-13-07 TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	10-13-07	DK
	A) HEADSPACE	(PASS) FAIL	10-22-07 RTZ
	B) TRIGGER PULL	236 231 236 237 227 10/19/07	mmk
680	F) SAFETY ON FORCE	3.2 3.2 3.2 10-22-07	BA
	G) SAFETY OFF FORCE	3.2 3.2 3.2 10-22-07	BA
	I) FIRING PIN INDENT	.023 .023 .023 10-22-07	BA
690	PACK	10-22-07	BA