G66163L2

M/24 7.62 NATO S.W.S. (COMPLETE SYSTEM)
BOLT ACTION CENTERFIRE RIFLE
24" BARREL 7.62 NATO

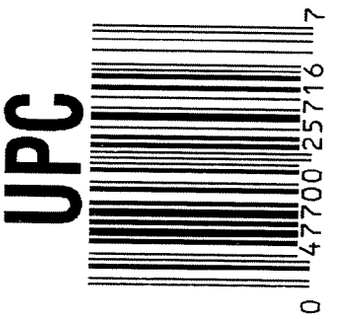
– INSTUCTION BOOK 3518

DD FORM

ORDER NO. 25716

BARREL LENGTH	24"
CAPACITY	6

G6616312



ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYS
UPC

ORDER 25716
M/24 7.62 NATO S.W.S. (COMPLETE SYS
UPC

SERIAL NO.

M-24

INSPECTION CHECKLIST-NEW GUNS

GUN SERIAL # G6616312

OP #	OPERATION NAME	READINGS	DATE	INITIAL
410	SERIALIZE BOLT HANDLE		10-23-06	KTZ
420	ASSEMBLE ACTION		10-23-06	KTZ
430	ASSEMBLE TO STOCK		11-21-06	SD
440	PROOF		11-21-06	L.P.D.
460	CHECK HEADSPACE	MAGNA-FLUX INSPECTED NOV 29 2006	11-21-06	SD
470	DIS-ASSEMBLE ACTION		11-27-06	BLG
480	MAGNAFLUX BBL ACTION	OPERATOR	11/29/06	
490	MAGNAFLUX BOLT			
500	ROLLMARK CALIBER		11-28-06	CW
510	DRILL AND TAP SIGHT HOLES		11-28-06	SD
520	GOFF BLAST BBL / REC		11/29/06	LC
530 & 540	APPLY COATINGS (BARREL ACTION)			
	(BOLT)		12/6/06	
560	RE-ASSEMBLE ACTION A) CLEAN INSIDE OF BOLT ASSEMBLY		12-11-06	SD
	B) INSPECT REAR FIRING PIN HOLE FOR CHAMFER IN BOLT HEAD		12-11-06	SD
	C) INSPECT EJECTOR HOLE FOR CHAMFER		12/11/06	SD
	D) OIL FIRING PIN ASSEMBLY		12-11-06	L.P.D.
	E) ADJUST TRIGGER PULL TO MIN. SETTING AND STAKE **2.50 LBS +/- .5 LBS**			

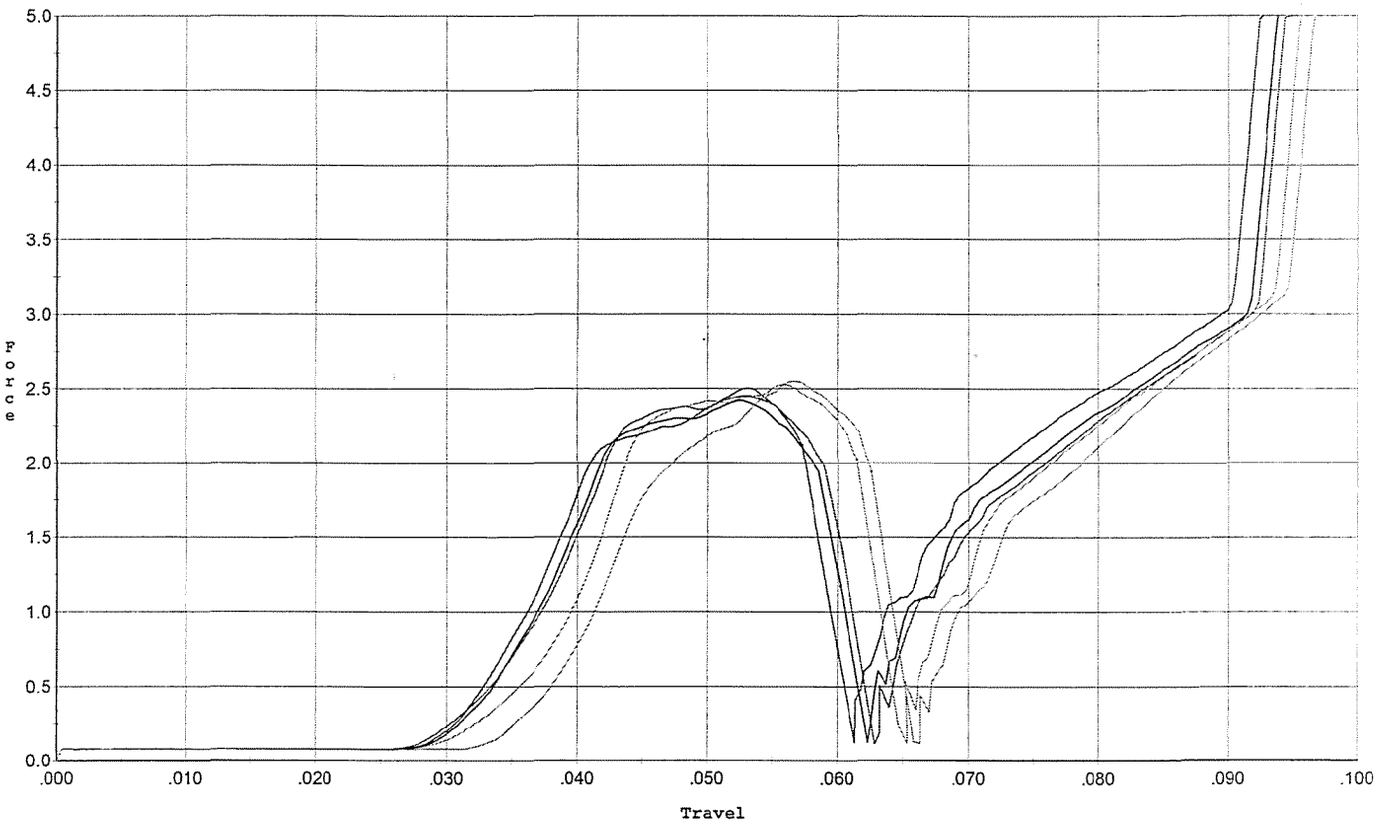
F004 REV 5/2006

OP #	OPERATION NAME	READINGS	DATE	INITIAL
560	F) SAFETY ON FORCE [2 LBS MIN 10 LBS MAX]	4# 4# 4#	12-14-06	SD
CONT.	G) SAFETY OFF FORCE [2 LBS MIN]	7# 7# 7#	12-14-06	SD
	H) TRIGGER PULL TEST AND RETAINABILITY			
	I) FIRING PIN INDENT [.020 MIN]	.025 .025 .025	12-14-06	SD
	J) ASSEMBLE STOCK		12-11-06	S.P.D.
	K) ASSEMBLE SWIVEL STUDS		12-18-06	BLG
	L) ATTACH FRONT AND REAR SIGHT ASSY'S		12-18-06	BLG
	M) IRON SIGHT ALIGNMENT		12-18-06	BLG
	N) DETACH FRONT AND REAR SIGHTS AND PLACE IN NUMBERED CONTAINER		12-18-06	BLG
640 & 650	FUNCTION TEST AND TARGET	PASS FAIL ~~PASS~~ FAIL	12/11/06	mon
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
660	INSPECT FOR LIVE AMMO		12/11/06	MM
670	FINAL INSPECTION A) HEADSPACE		12-18-06	BLG
	B) TRIGGER PULL [+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS]	2.70 2.72 2.71 2.67 2.62	12-14-06	BLG
	C) FUNCTION		12-18-06	BLG
690	PACK		2-6-07	DM

F004 REV 5/2006

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. ini.
Note:	M. Mckinney 11/28/06		



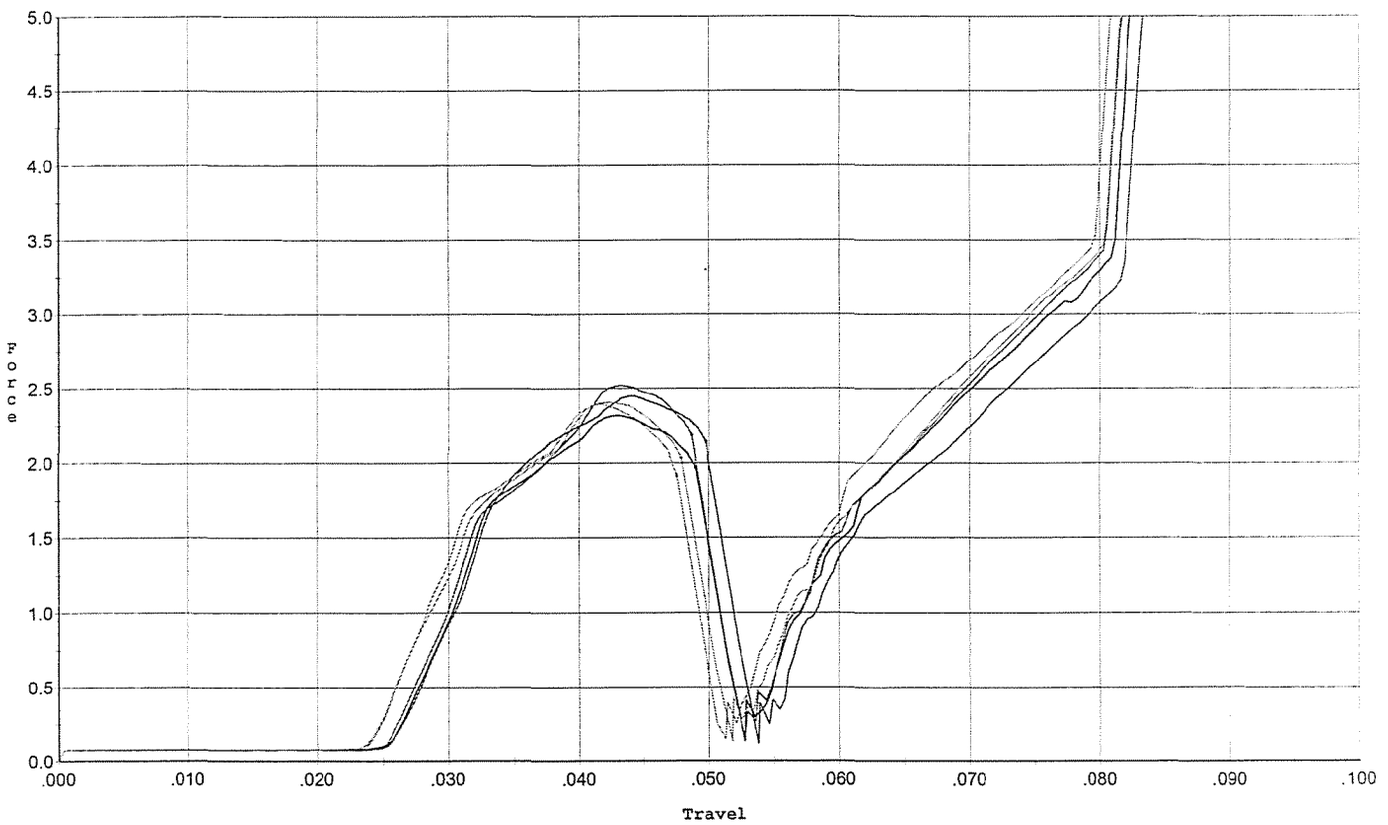
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.504	0.057	0.032	0.040	0.051		Set Trigger
2	2.419	0.060	0.034	0.040	0.054		Set Trigger
3	2.453	0.060	0.035	0.040	0.055		Set Trigger
4	2.526	0.061	0.038	0.040	0.056		Set Trigger
5	2.549	0.063	0.039	0.040	0.052		Set Trigger

2.49 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/28/2006 10:38:30 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. after 50 cycles
Note:	M. Mckinney 11/28/06		



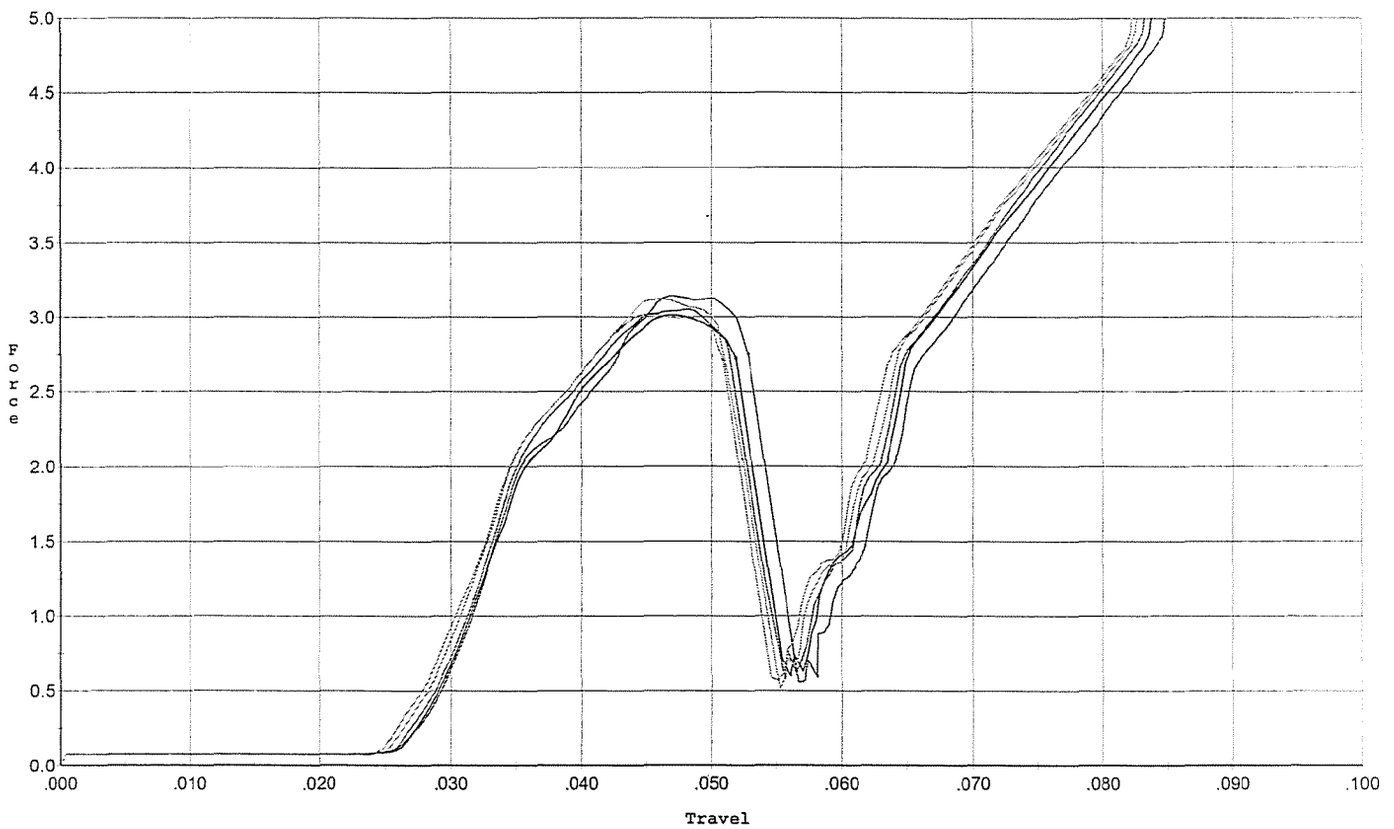
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.448	0.050	0.026	0.037	0.046		Set Trigger
2	2.323	0.049	0.026	0.037	0.043		Set Trigger
3	2.520	0.049	0.026	0.037	0.045		Set Trigger
4	2.409	0.048	0.025	0.038	0.044		Set Trigger
5	2.395	0.048	0.025	0.037	0.043		Set Trigger

2.42 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/28/2006 10:39:58 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs ini.
Note:	M. Mckinney 11/28/06		



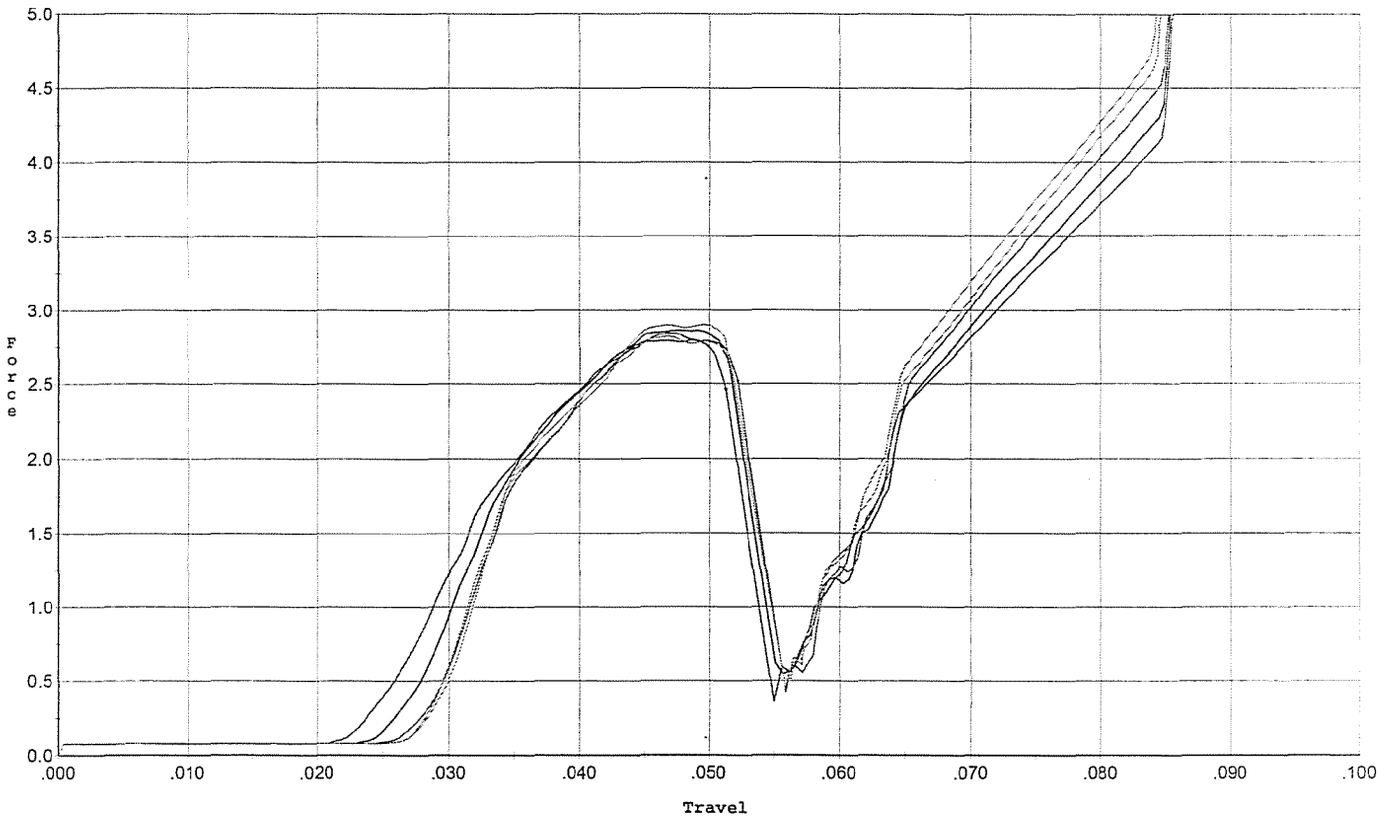
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.139	0.053	0.028	0.035	0.060		Set Trigger
2	3.013	0.052	0.028	0.035	0.056		Set Trigger
3	3.052	0.051	0.027	0.035	0.057		Set Trigger
4	3.122	0.052	0.027	0.034	0.059		Set Trigger
5	3.016	0.051	0.026	0.034	0.057		Set Trigger

3.07 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/28/2006 10:40:38 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs after 20 cycles
Note:	M. Mckinney 11/28/06		



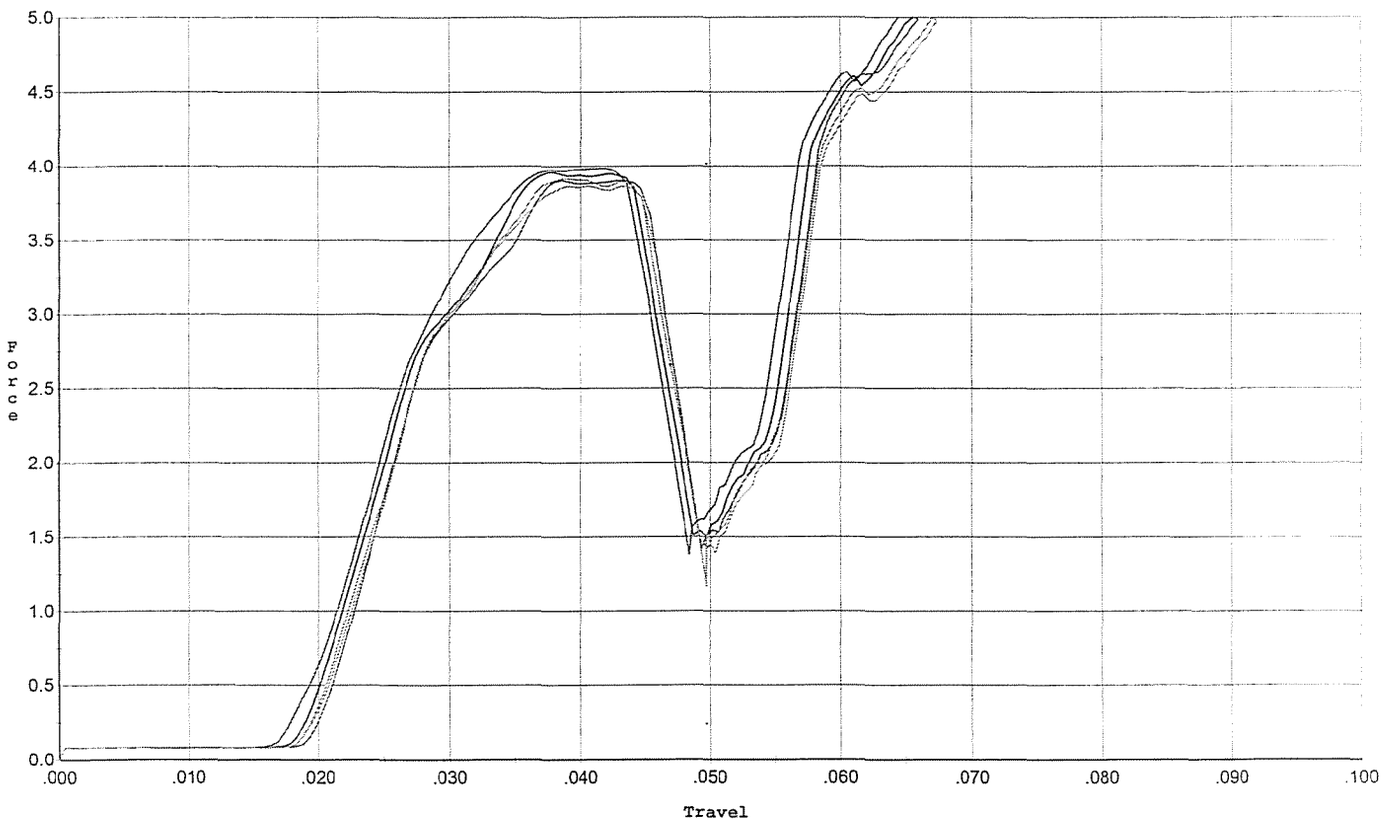
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.799	0.051	0.027	0.037	0.057		Set Trigger
2	2.863	0.051	0.028	0.037	0.056		Set Trigger
3	2.845	0.052	0.029	0.036	0.054		Set Trigger
4	2.820	0.053	0.029	0.035	0.055		Set Trigger
5	2.902	0.053	0.029	0.036	0.056		Set Trigger

2.85 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/28/2006 10:41:26 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. ini.
Note:	M. Mckinney 11/28/06		

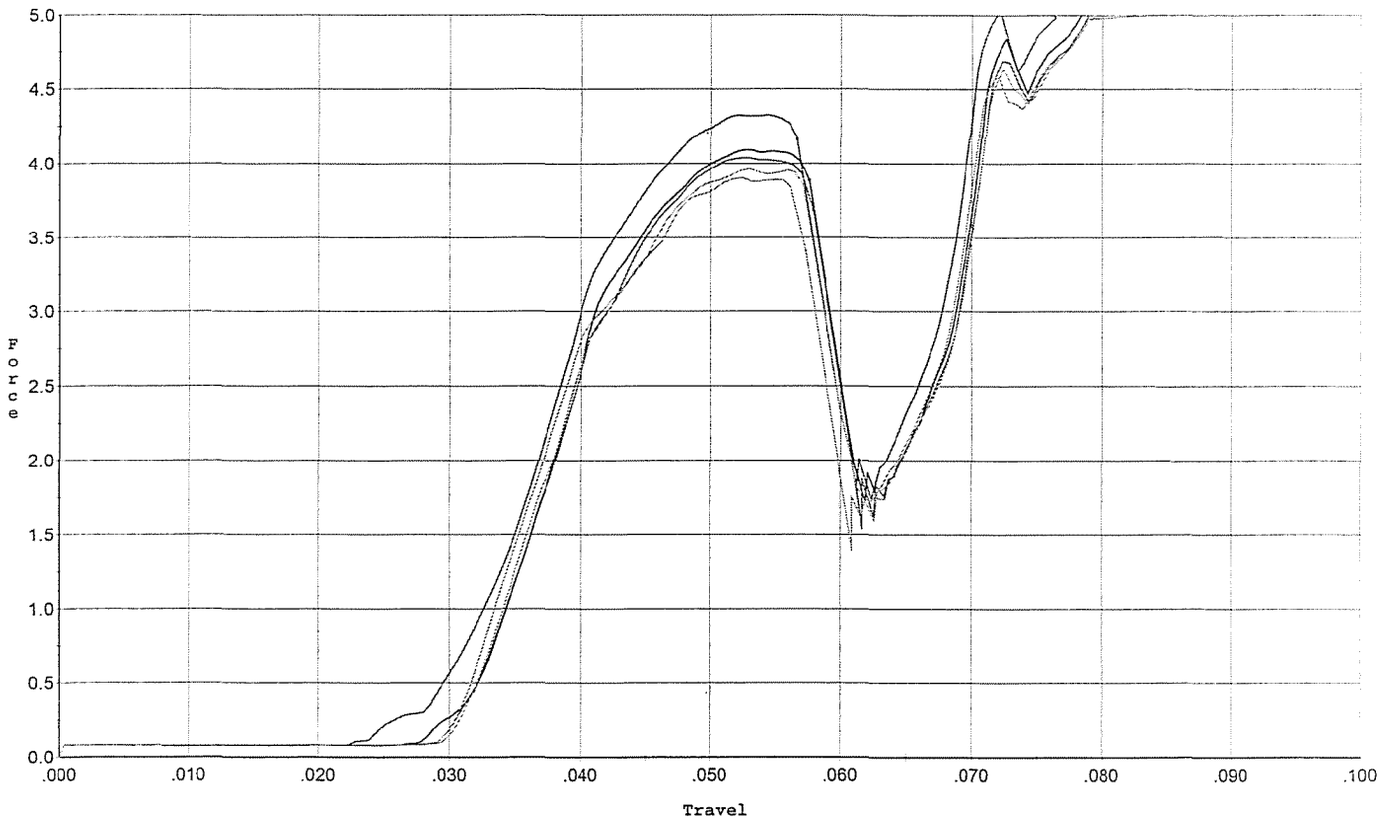


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.985	0.045	0.018	0.028	0.081		Set Trigger
2	3.960	0.046	0.019	0.029	0.080		Set Trigger
3	3.905	0.045	0.020	0.030	0.077		Set Trigger
4	3.869	0.046	0.020	0.030	0.078		Set Trigger
5	3.918	0.047	0.019	0.030	0.080		Set Trigger

3.93 Avg.

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. after 20 cycles
Note:	M. Mckinney 11/28/06		



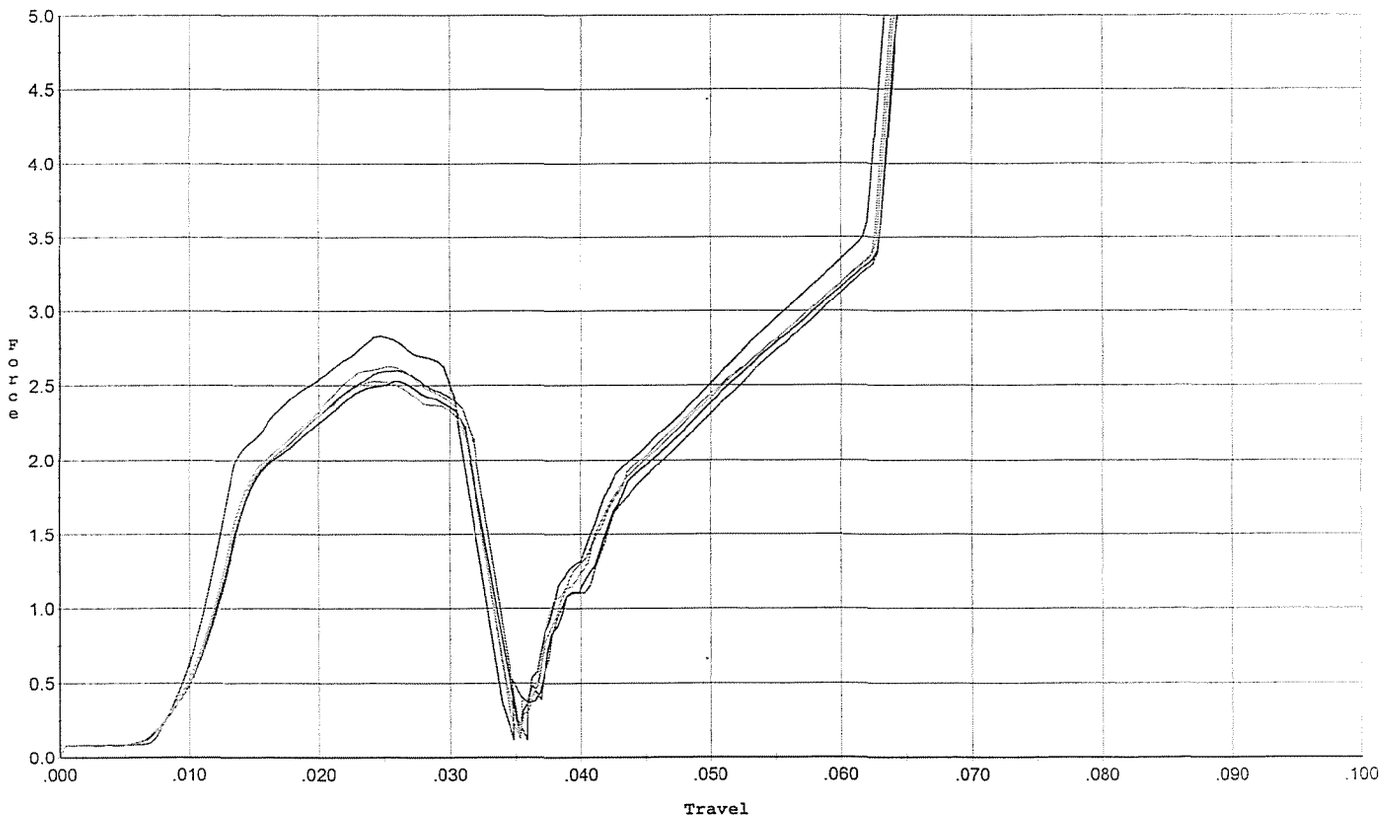
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.325	0.057	0.029	0.030	0.090		Set Trigger
2	4.093	0.058	0.032	0.032	0.085		Set Trigger
3	4.039	0.058	0.030	0.032	0.084		Set Trigger
4	3.966	0.057	0.031	0.033	0.081		Set Trigger
5	3.903	0.057	0.030	0.033	0.081		Set Trigger

4.07 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/28/2006 10:44:51 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	Final Test & To Reset 2.5 lbs.
Note:	M. Mckinney 11/28/06		



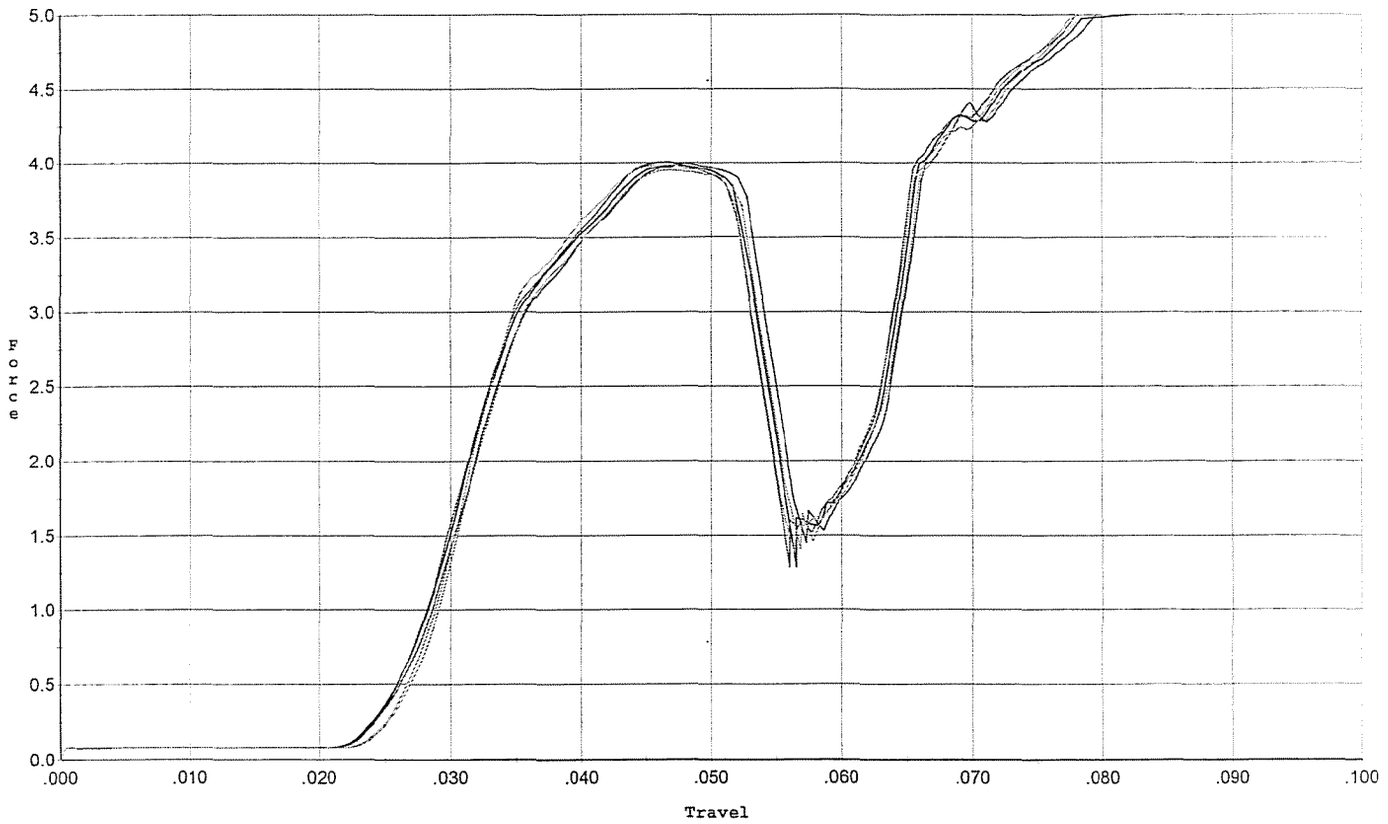
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.831	0.030	0.008	0.038	0.048		Set Trigger
2	2.527	0.031	0.009	0.039	0.044		Set Trigger
3	2.597	0.032	0.010	0.038	0.046		Set Trigger
4	2.625	0.031	0.009	0.038	0.046		Set Trigger
5	2.527	0.031	0.009	0.038	0.044		Set Trigger

2.62 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/28/2006 10:45:59 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	Reset To 4.0 lbs. For Target & Accuracy
Note:	M. Mckinney 11/28/06		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.997	0.053	0.026	0.033	0.085		Set Trigger
2	3.984	0.053	0.025	0.033	0.086		Set Trigger
3	4.004	0.052	0.025	0.033	0.083		Set Trigger
4	3.952	0.052	0.026	0.033	0.082		Set Trigger
5	3.985	0.052	0.026	0.033	0.082		Set Trigger

3.98 Avg.

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/28/2006 10:46:49 PM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: G6616312.__0
FILE DATE AND TIME: 12/12/2006 06:32

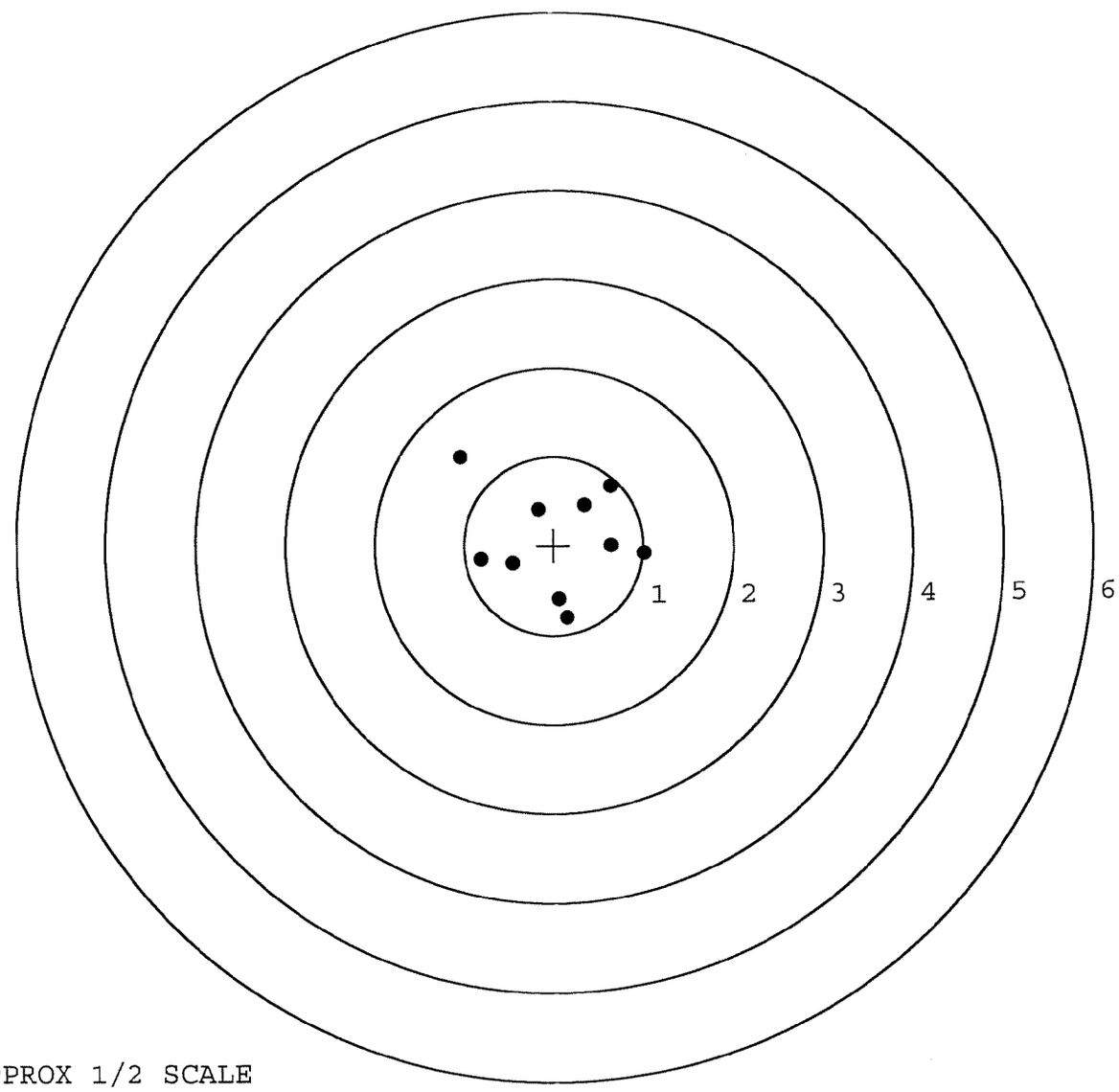
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.024
The Average Y Centroid of the Five Target Set:	-0.006
The Average Point of Impact of the Five Target Set:	0.025
The Average Mean Radius of the Five Target Set:	0.739
The Distance from POA to Centroid Target #1:	0.074
The Distance from Centroid Target #2 to Centroid Target #1:	0.022
The Distance from Centroid Target #3 to Centroid Target #1:	0.081
The Distance from Centroid Target #4 to Centroid Target #1:	0.134
The Distance from Centroid Target #5 to Centroid Target #1:	0.250

SERIAL NUMBER: G6616312.__0
TARGET NUMBER: 1
FILE DATE: 12/12/2006
FILE TIME: 06:32

X CENTROID:	0.038
Y CENTROID:	0.064
POA TO CENTROID:	0.074
HORZ SPREAD:	2.043
VERT SPREAD:	1.811
GROUP SPREAD:	2.319
MIN RADIUS:	0.397
MAX RADIUS:	1.426
MEAN RADIUS:	0.775
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.153	-0.808
2:	0.060	-0.604
3:	1.008	-0.094
4:	0.645	-0.013
5:	0.642	0.662
6:	0.347	0.451
7:	-0.172	0.401
8:	-0.457	-0.204
9:	-0.813	-0.157
10:	-1.035	1.003

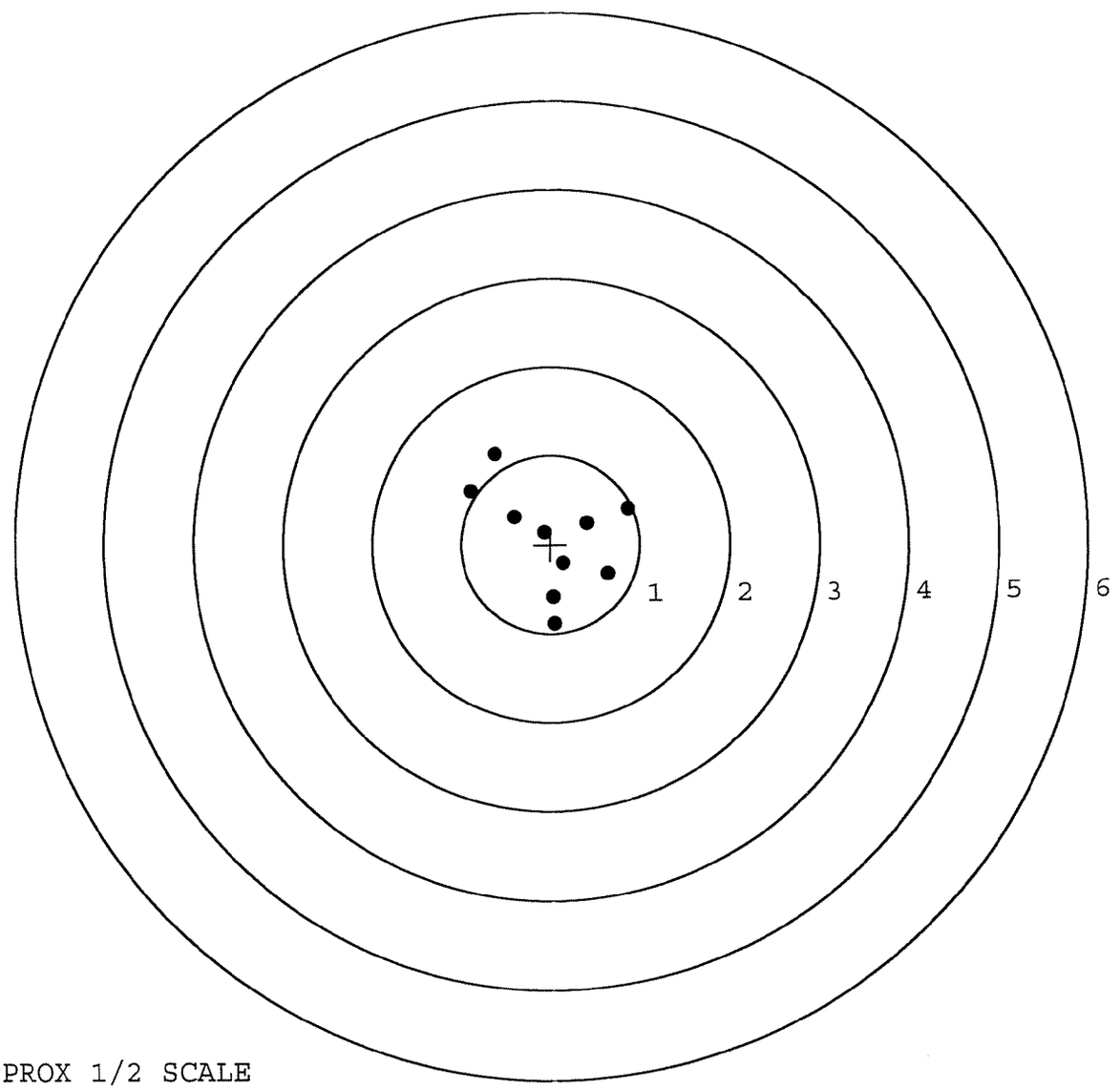


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616312.__0
TARGET NUMBER: 2
FILE DATE: 12/12/2006
FILE TIME: 06:32

X CENTROID:	0.016
Y CENTROID:	0.065
POA TO CENTROID:	0.067
HORZ SPREAD:	1.760
VERT SPREAD:	1.909
GROUP SPREAD:	2.020
MIN RADIUS:	0.111
MAX RADIUS:	1.142
MEAN RADIUS:	0.681
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.041	-0.895
2:	0.032	-0.596
3:	0.643	-0.338
4:	0.142	-0.218
5:	0.412	0.235
6:	0.869	0.398
7:	-0.069	0.137
8:	-0.403	0.308
9:	-0.619	1.014
10:	-0.891	0.602

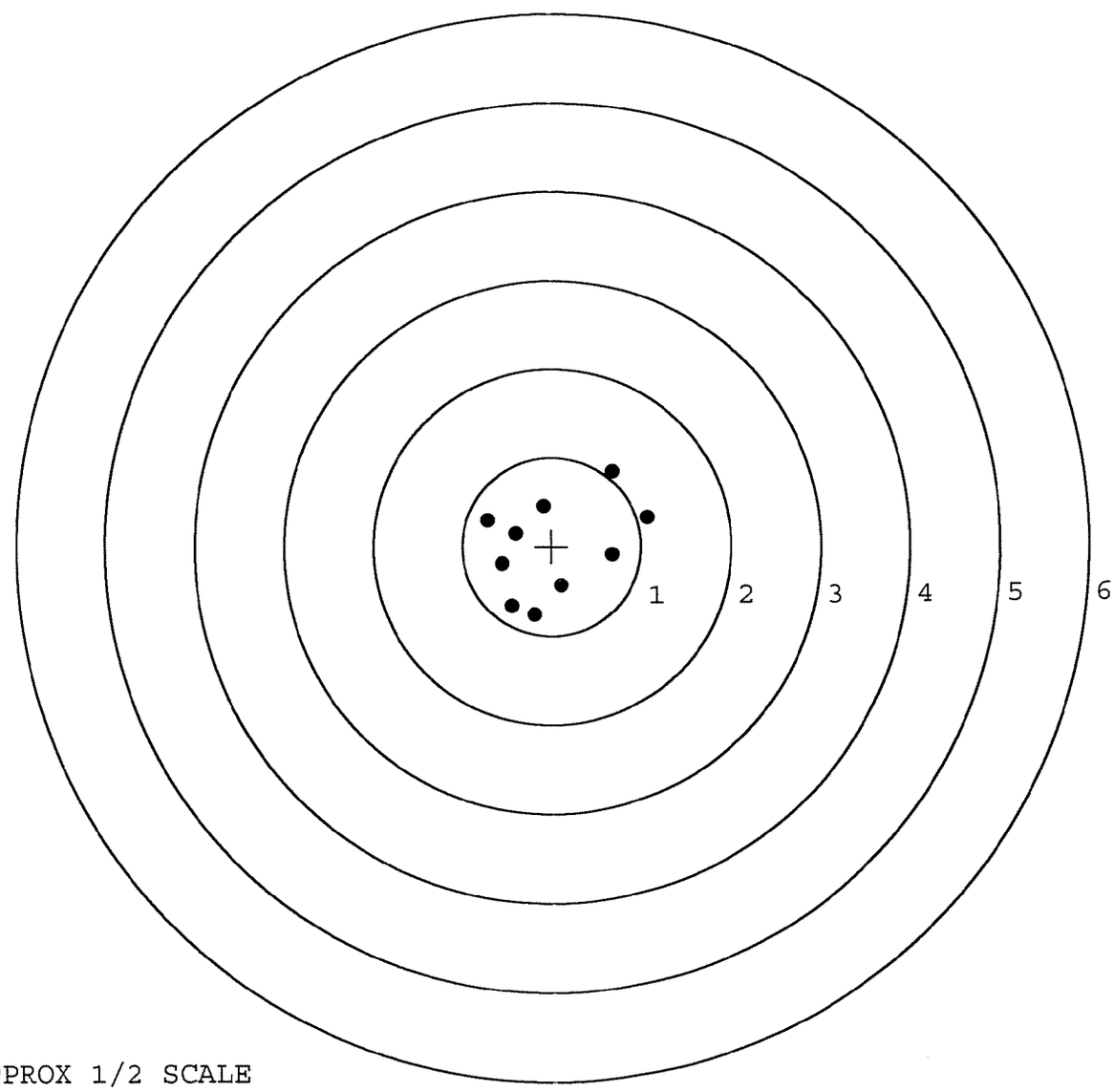


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616312.__0
TARGET NUMBER: 3
FILE DATE: 12/12/2006
FILE TIME: 06:32

X CENTROID:	0.013
Y CENTROID:	-0.013
POA TO CENTROID:	0.018
HORZ SPREAD:	1.792
VERT SPREAD:	1.607
GROUP SPREAD:	1.817
MIN RADIUS:	0.440
MAX RADIUS:	1.111
MEAN RADIUS:	0.720
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.685	0.840
2:	1.073	0.319
3:	0.676	-0.101
4:	-0.092	0.450
5:	0.111	-0.442
6:	-0.197	-0.767
7:	-0.449	-0.673
8:	-0.555	-0.194
9:	-0.404	0.143
10:	-0.719	0.294

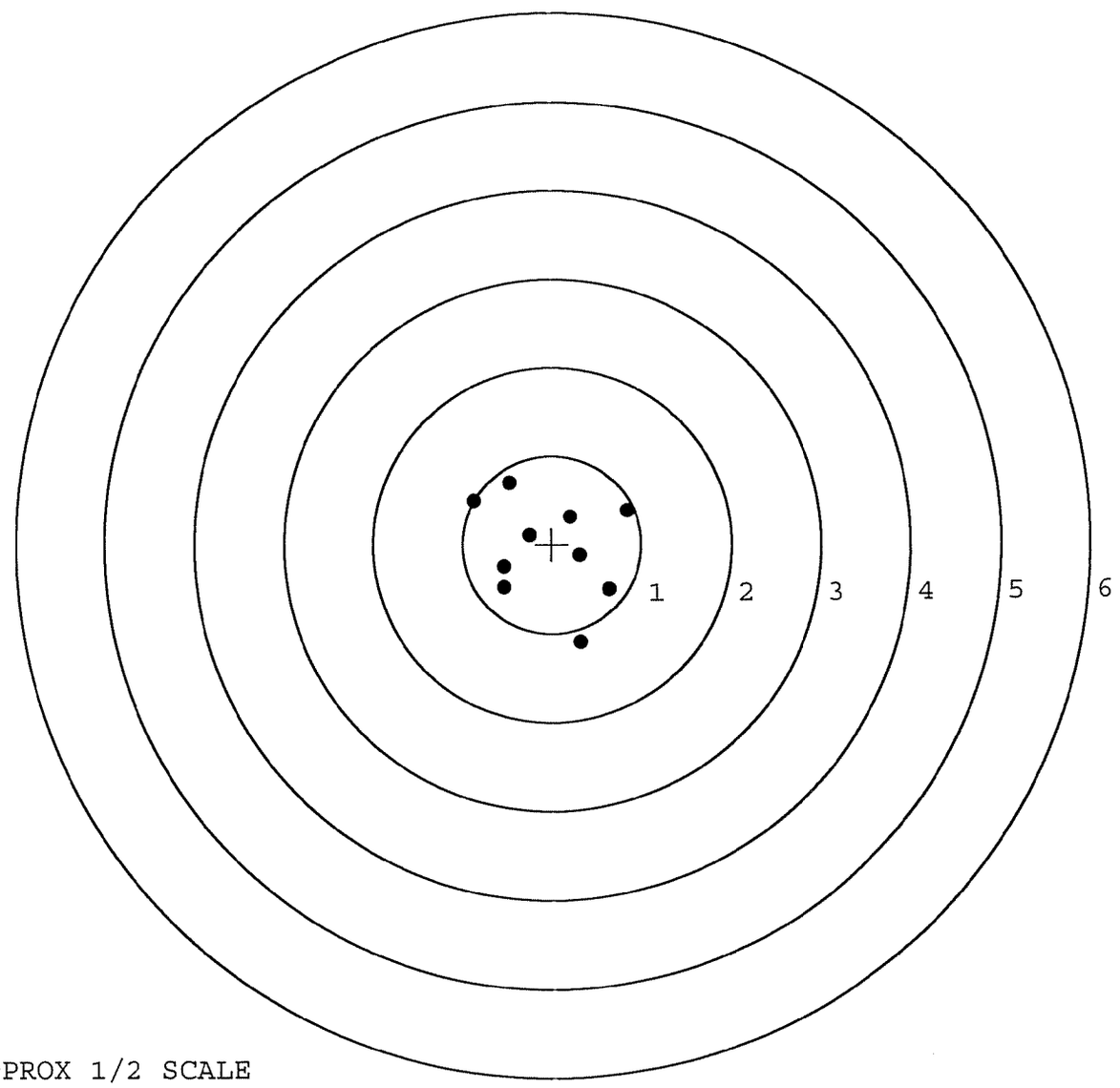


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616312.__0
TARGET NUMBER: 4
FILE DATE: 12/12/2006
FILE TIME: 06:32

X CENTROID:	-0.032
Y CENTROID:	-0.051
POA TO CENTROID:	0.060
HORZ SPREAD:	1.712
VERT SPREAD:	1.801
GROUP SPREAD:	1.998
MIN RADIUS:	0.269
MAX RADIUS:	1.113
MEAN RADIUS:	0.705
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.868	0.499
2:	-0.469	0.695
3:	0.322	-1.106
4:	0.644	-0.516
5:	0.844	0.377
6:	0.212	0.307
7:	0.318	-0.130
8:	-0.250	0.106
9:	-0.536	-0.487
10:	-0.536	-0.257

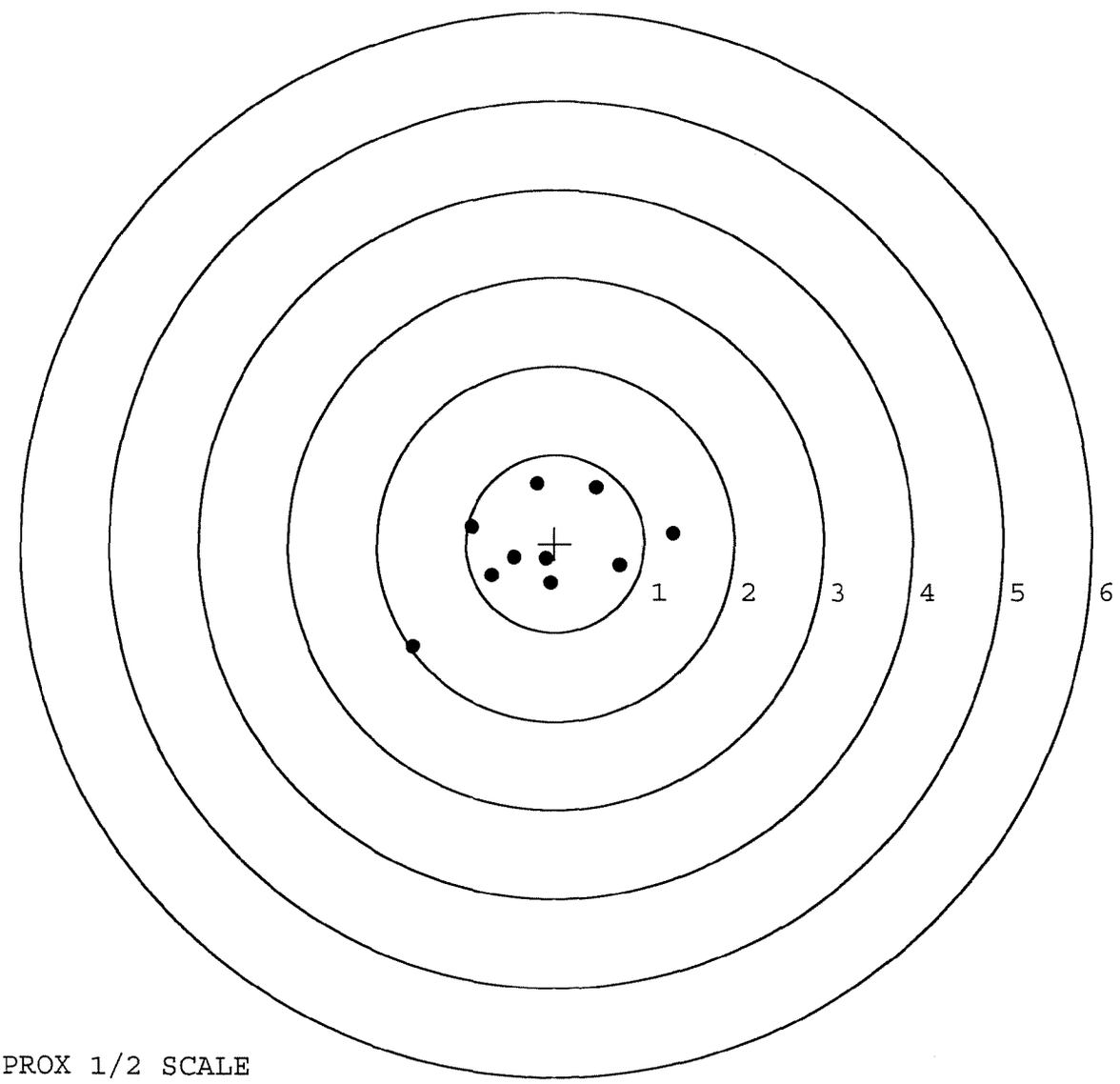


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: G6616312.__0
TARGET NUMBER: 5
FILE DATE: 12/12/2006
FILE TIME: 06:32

X CENTROID:	-0.155
Y CENTROID:	-0.095
POA TO CENTROID:	0.182
HORZ SPREAD:	2.914
VERT SPREAD:	1.839
GROUP SPREAD:	3.182
MIN RADIUS:	0.096
MAX RADIUS:	1.794
MEAN RADIUS:	0.813
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-1.596	-1.164
2:	1.318	0.115
3:	0.727	-0.249
4:	0.462	0.638
5:	-0.204	0.675
6:	-0.939	0.191
7:	-0.709	-0.365
8:	-0.455	-0.164
9:	-0.106	-0.177
10:	-0.048	-0.450



TARGET APPROX 1/2 SCALE