C6225292

MODEL 700™ MP4

Model SMS™

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington®

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: RE00120765

Verify Repair

Serial: C6225292 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: New 11/27/2006 12:54:30 PM

Address Information

Customer:	Received From	Return To:	Received From
Name:	SFC KIRCHNER	SFC KIRCHNER	
Address 1:	HSC 1/7 SFG (A)	HSC 1/7 SFG (A)	
Address 2:	BLDG E-3622 JUST CAUSE DR PO Box:	BLDG E-3622 JUST CAUSE DR 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: NA

Fax:

Email:

Comments:

Received Condition

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1
D000	MARS RAIL	1

Repair Search | Refresh | Close

naglelj | 11/27/2006 | 1:31 PM | CAPS | NUM | INS | SCRL

Start | 5 Mic... | 6 Int... | 2 Mic... | Pet 5... | Arms S... | Stock...

Serial Number: C6225292

Model: M24 SWS

RE00120765

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

R & E NUMBER	120765
SERIAL NUMBER	C6225292
LOG-IN DATE	11-27-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-29-06	RTC
505	RE-BARREL		11-30-06	RTC
420	ASSEMBLE		12-4-06	RTC
440	PROOF	MAGNA-FLUX INSPECTED DEC 05 2006	12-4-06	TRW
460	CHECK HEADSPACE		12-4-06	TRW
470	DIS-ASSEMBLE GUN		12-4-06	BLC
480	MAGNAFLUX	OPERATOR APD	12-5-06	APD
510	DRILL AND TAP		12-4-06	SD
500	ROLLMARK CALIBER		12-5-06	CW
520	GOFF BLAST BBL / REC		12/5/06	
530 & 540	APPLY COATINGS		12/7/06	
560	FINAL ASSEMBLY		12-11-06	RTC
640	FUNCTION TEST AND	(PASS) FAIL	12/11/06	mom
650	TARGET	(PASS) FAIL	12/11/06	mom
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION			
	A) HEADSPACE	(PASS) FAIL	12-16-06	BLC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.78 2.74 2.70 2.70 2.69		BLC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	6.0 6.0 6.0	12-4-06	RTC
	G) SAFETY OFF FORCE (2 LBS MIN)	2.5 2.5 2.5	12-14-06	RTC
	I) FIRING PIN INDENT (.020)	.024 .024 .024	12-14-06	RTC
690	PACK		12/19/06	DH

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

_____ BARREL

_____ RECEIVER

_____ FRONT SIGHT BASE

_____ REAR SIGHT BASE

_____ SCREWS

_____ FINISH

SCOPE ASSEMBLY

_____ SCOPE

_____ SCOPE RINGS

_____ MOUNTING SCREWS

_____ MOUNTING BASE

_____ SCREWS

_____ FINISH

_____ CLARITY

STOCK ASSEMBLY

_____ STOCK

_____ SLING SWIVEL STUDS

_____

_____ BUTT PATE

_____ LOCK NUTS

_____ BARREL CLEARANCE

_____ COLOR / FINISH

SYSTEM CASE

_____ SCOPE CASE

_____ IRON SIGHTS

_____ DEPLOYMENT KIT

TRIGGER ASSEMBLY

_____ SAFETY OPERATION

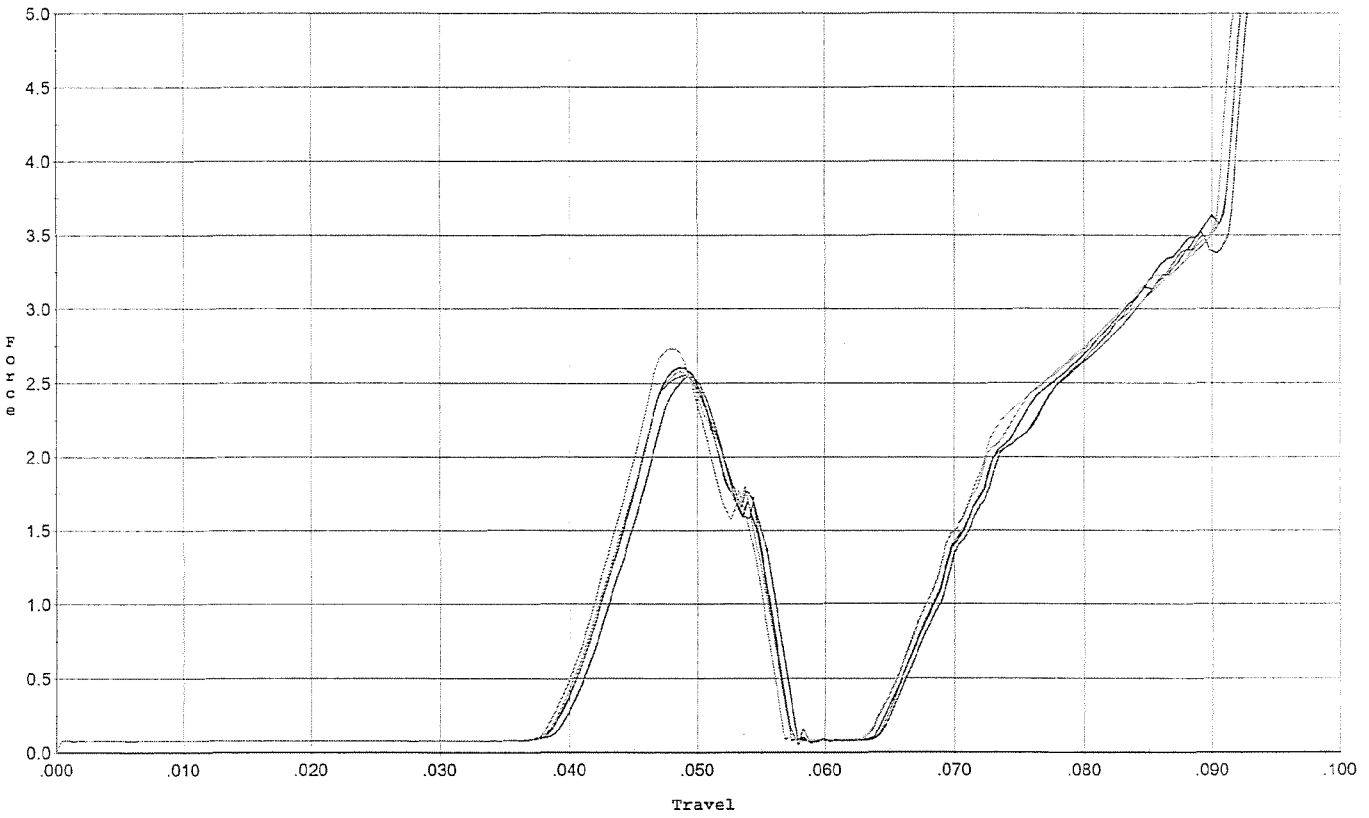
_____ RE-SET TO FACTORY SPECS

COMMENTS: _____

F006 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:	R. Putch 11/15/06		



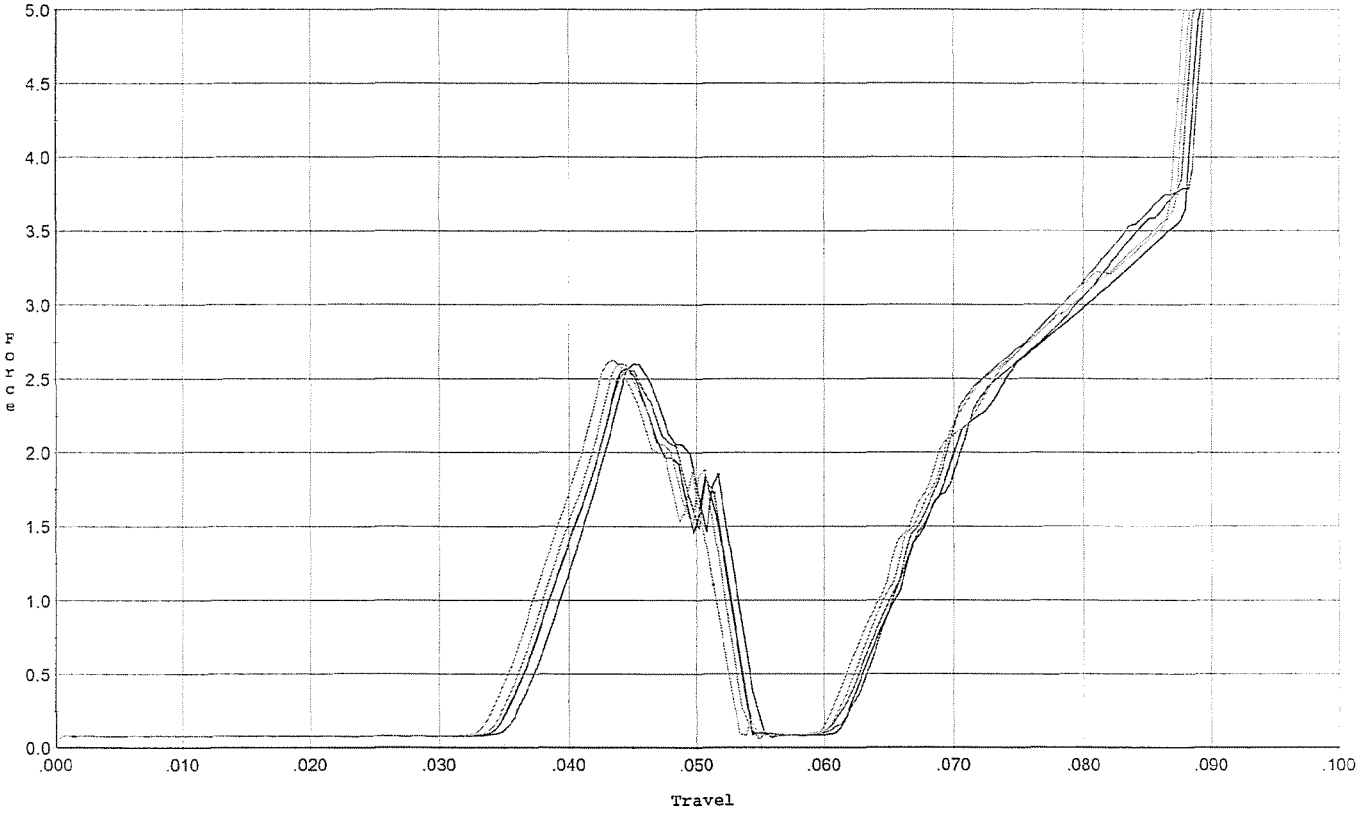
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.542	0.055	0.040	0.044	0.030		Set Trigger
2	2.604	0.055	0.039	0.044	0.030		Set Trigger
3	2.557	0.054	0.039	0.044	0.030		Set Trigger
4	2.580	0.055	0.039	0.043	0.031		Set Trigger
5	2.734	0.054	0.039	0.043	0.031		Set Trigger

Avg 2.60

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 10:56:10 AM

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:	R. Putch 11/15/06		



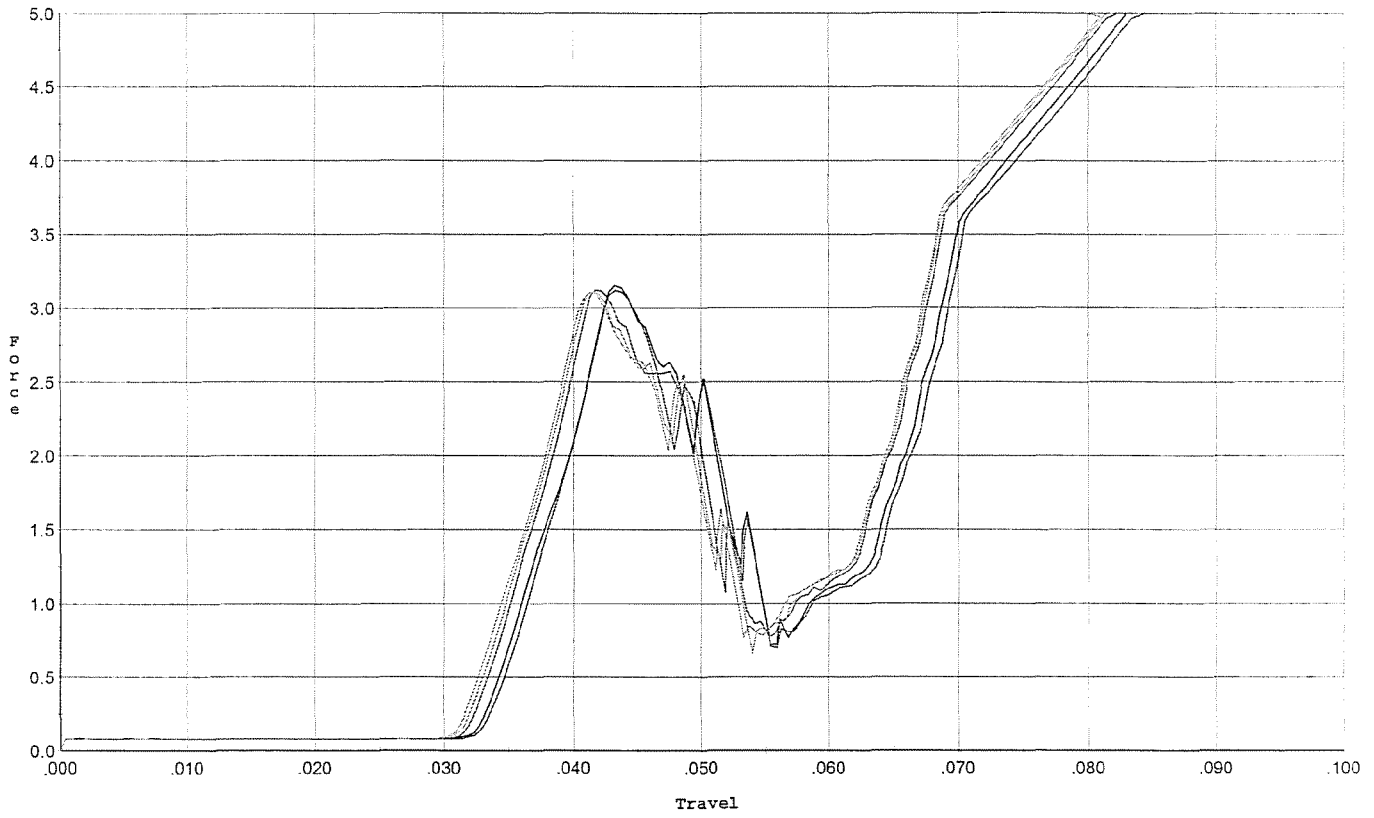
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.600	0.052	0.036	0.042	0.031		Set Trigger
2	2.574	0.052	0.035	0.042	0.031		Set Trigger
3	2.559	0.051	0.035	0.042	0.031		Set Trigger
4	2.604	0.051	0.035	0.042	0.031		Set Trigger
5	2.626	0.051	0.034	0.042	0.032		Set Trigger

Avg 2.59

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 11:03:01 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs. ini.
Note:	R. Putch 11/15/06		



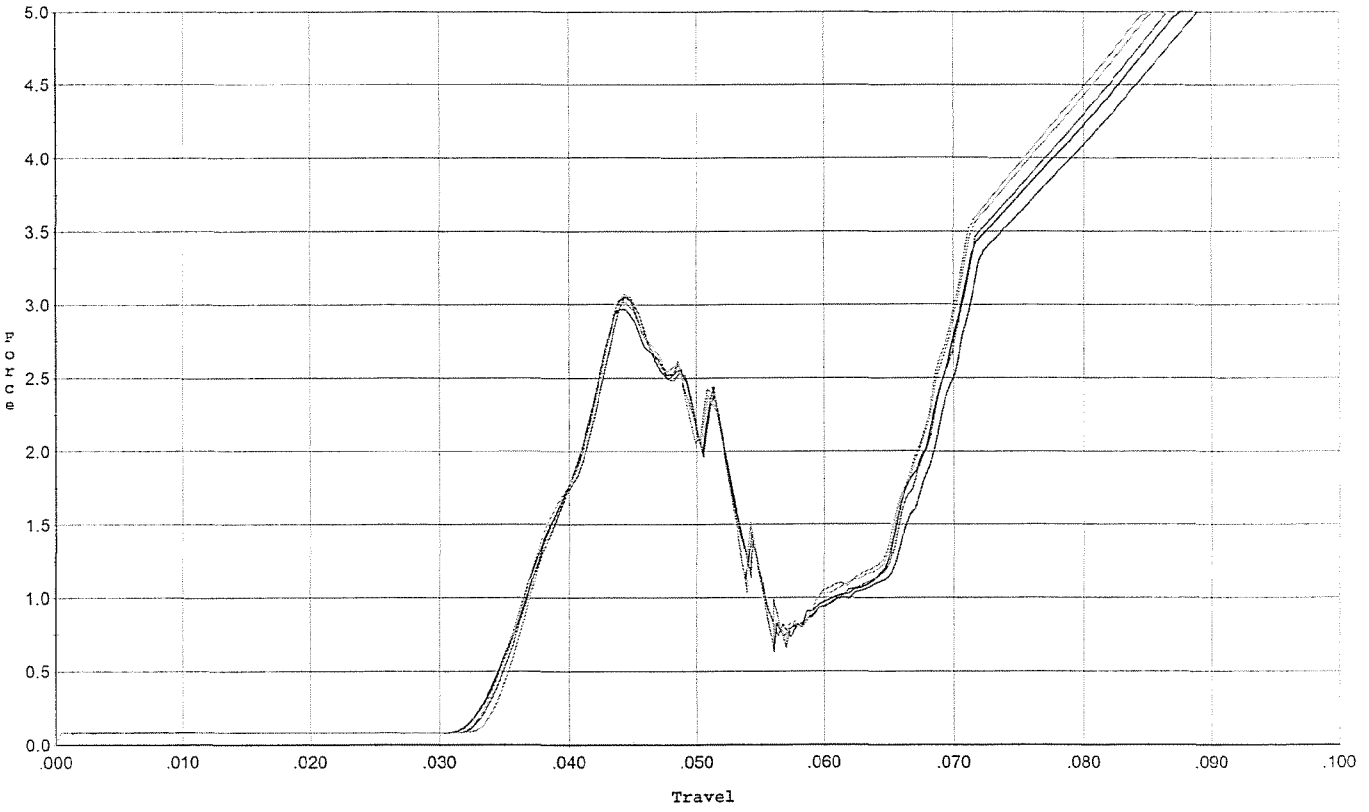
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.122	0.054	0.033	0.038	0.044		Set Trigger
2	3.154	0.050	0.033	0.039	0.040		Set Trigger
3	3.123	0.049	0.032	0.039	0.040		Set Trigger
4	3.108	0.049	0.032	0.039	0.040		Set Trigger
5	3.104	0.052	0.032	0.038	0.043		Set Trigger

Avg 3.12

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 11:07:27 AM

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:	R. Putch 11/15/06		



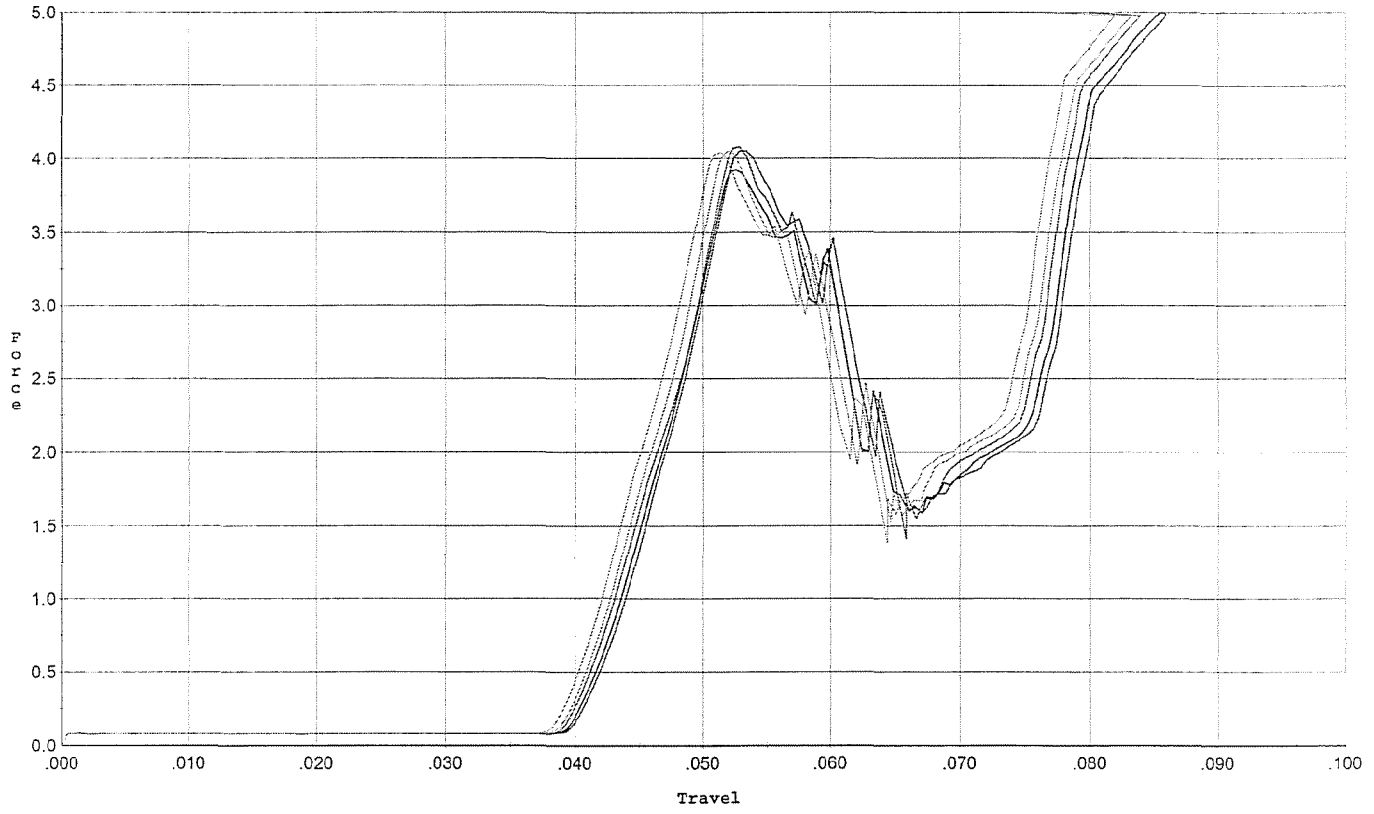
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.972	0.051	0.034	0.041	0.040		Set Trigger
2	3.058	0.051	0.033	0.040	0.040		Set Trigger
3	3.049	0.051	0.034	0.040	0.039		Set Trigger
4	3.077	0.052	0.034	0.040	0.040		Set Trigger
5	3.019	0.051	0.034	0.040	0.039		Set Trigger

Avg 3.03

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 11:09:45 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. ini.
Note:	R. Putch 11/15/06		



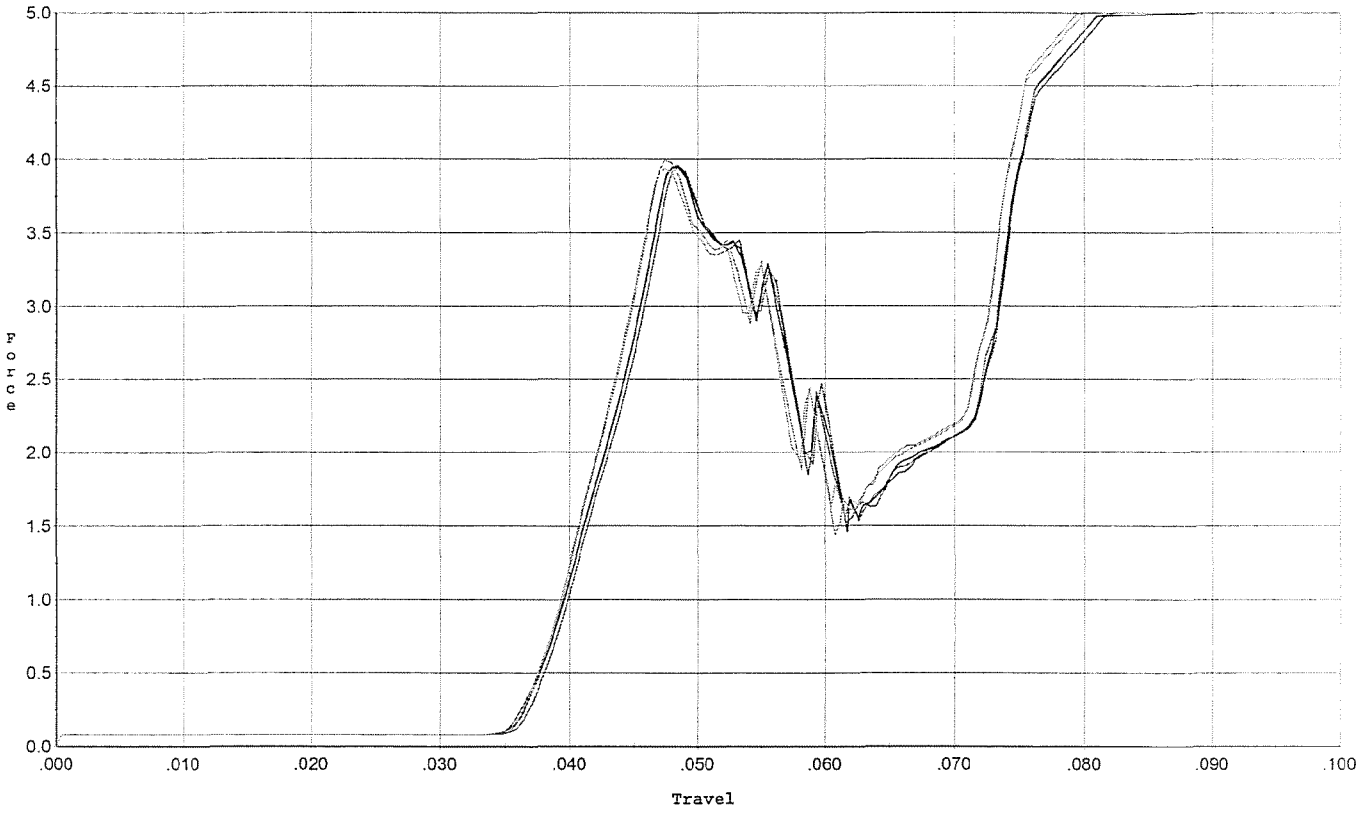
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.053	0.060	0.040	0.040	0.059		Set Trigger
2	3.926	0.060	0.040	0.039	0.057		Set Trigger
3	4.079	0.060	0.040	0.038	0.059		Set Trigger
4	4.050	0.063	0.040	0.036	0.064		Set Trigger
5	4.039	0.058	0.039	0.037	0.058		Set Trigger

Avg 4.02

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 11:12:58 AM

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:	R. Putch 11/15/06		



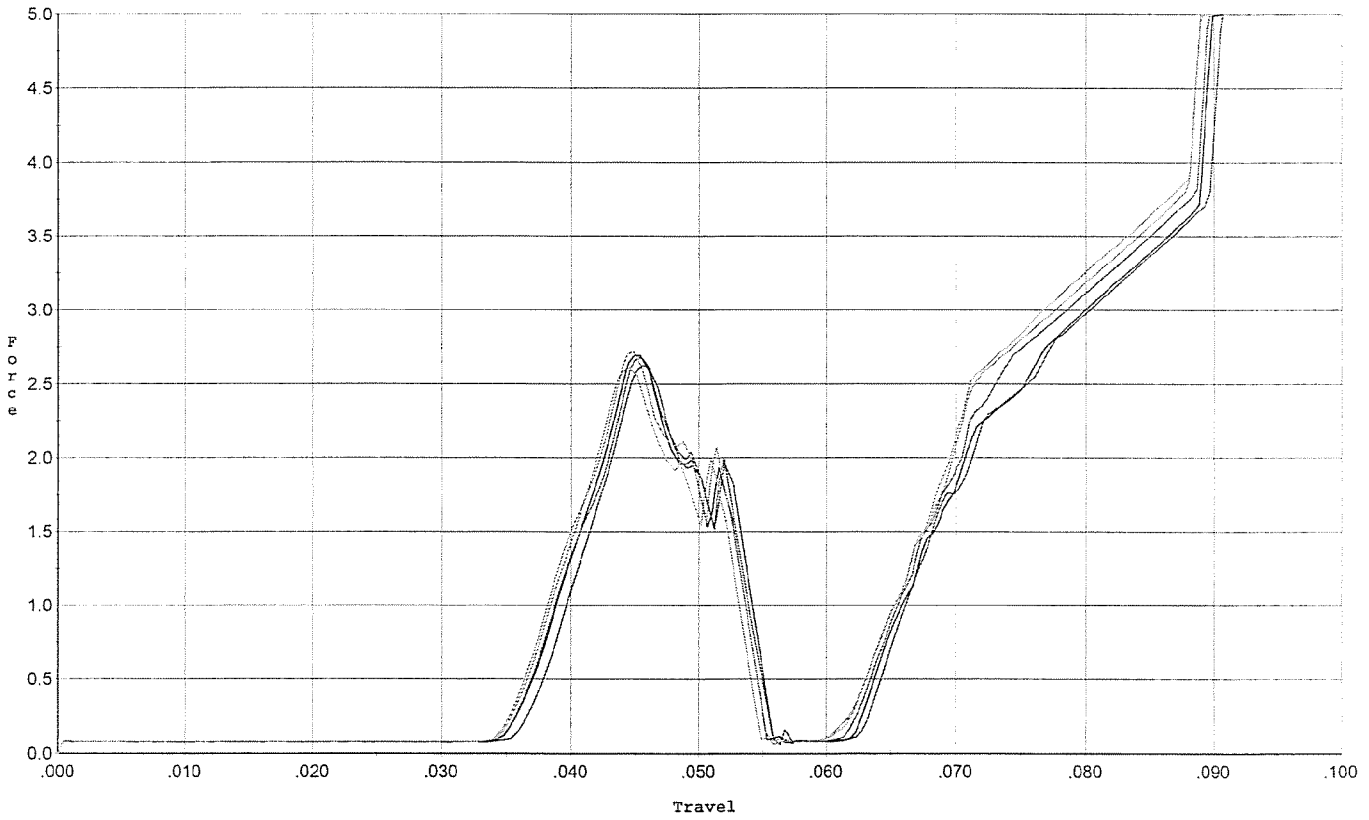
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.958	0.056	0.036	0.039	0.057		Set Trigger
2	3.945	0.057	0.036	0.038	0.058		Set Trigger
3	3.951	0.056	0.037	0.038	0.056		Set Trigger
4	3.938	0.055	0.036	0.038	0.055		Set Trigger
5	3.993	0.055	0.036	0.037	0.055		Set Trigger

Avg 3.95

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 11:14:50 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	reset to 2.5 lbs. for final test
Note:	R. Putch 11/15/06		



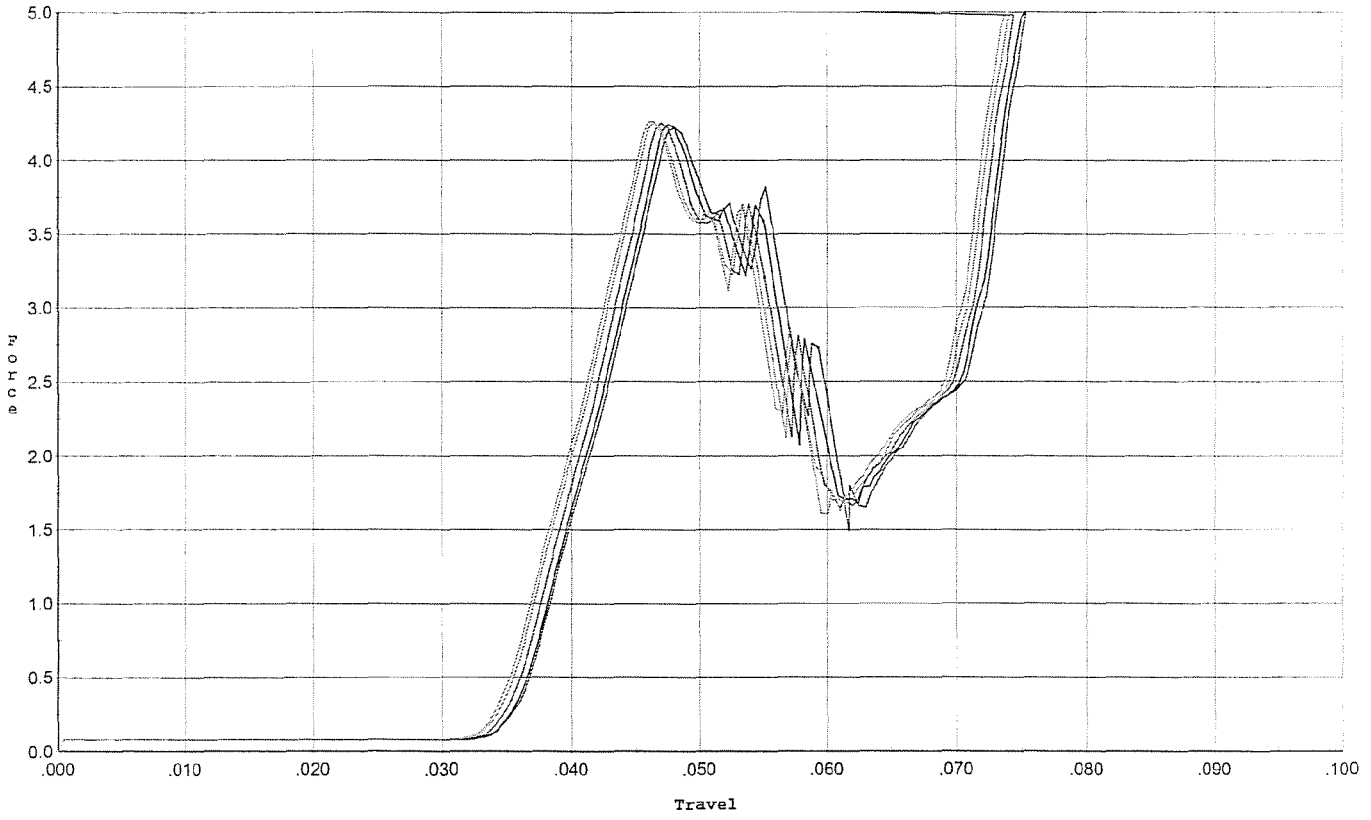
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.622	0.053	0.037	0.043	0.032		Set Trigger
2	2.691	0.053	0.036	0.042	0.033		Set Trigger
3	2.681	0.052	0.036	0.042	0.032		Set Trigger
4	2.604	0.052	0.035	0.042	0.032		Set Trigger
5	2.718	0.053	0.035	0.041	0.034		Set Trigger

Avg 2.66

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 11:21:59 AM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	set to 4.0 lbs. for target & accuracy
Note:	R. Putch 11/15/06		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.225	0.059	0.036	0.030	0.071		Set Trigger
2	4.244	0.055	0.036	0.032	0.062		Set Trigger
3	4.254	0.055	0.035	0.033	0.062		Set Trigger
4	4.256	0.055	0.035	0.033	0.062		Set Trigger
5	4.261	0.053	0.034	0.033	0.061		Set Trigger

AVG 4.24

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 11/15/2006 11:27:13 AM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225292.__0
FILE DATE AND TIME: 12/12/2006 06:21

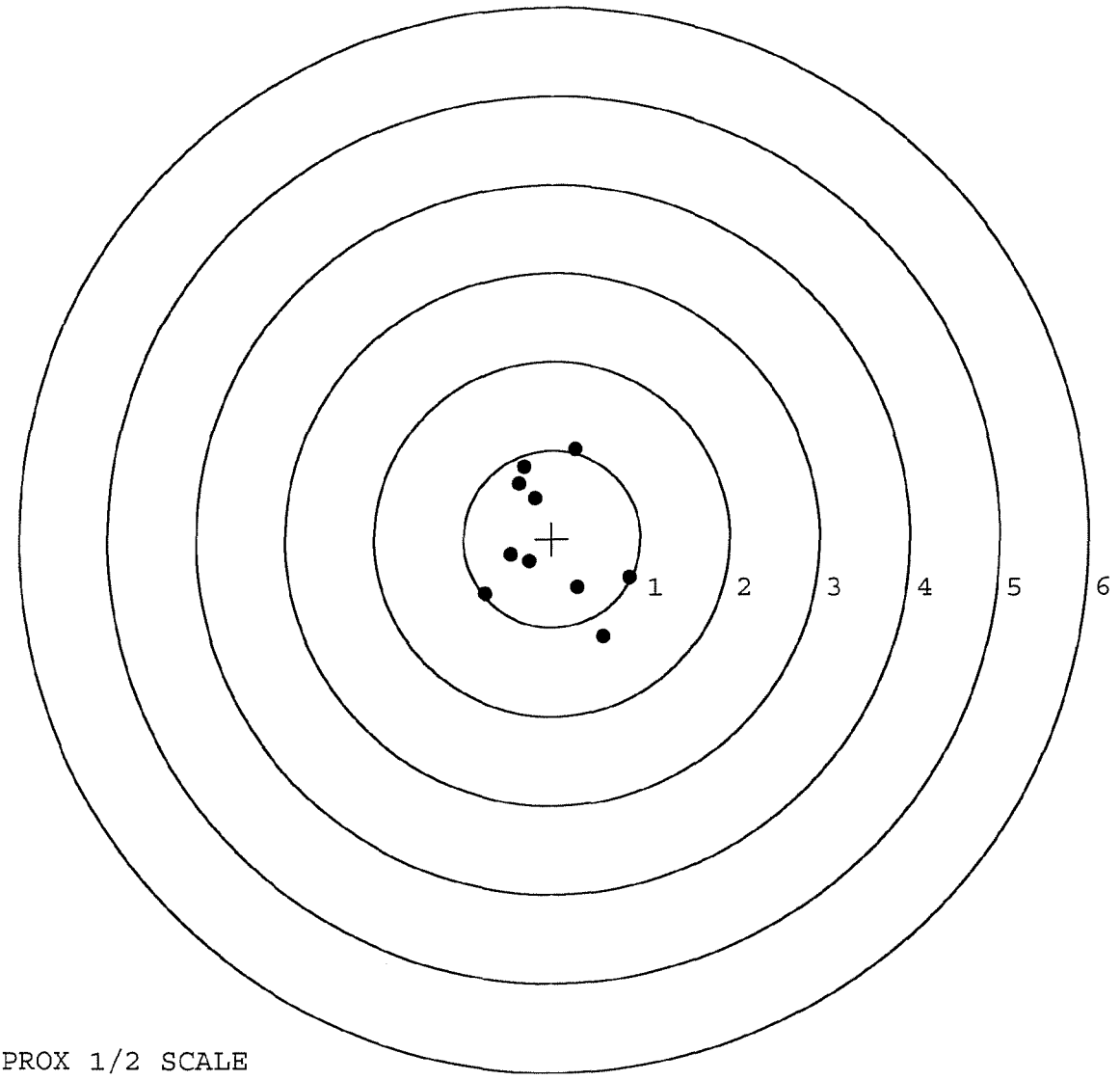
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.023
The Average Y Centroid of the Five Target Set:	-0.022
The Average Point of Impact of the Five Target Set:	0.032
The Average Mean Radius of the Five Target Set:	0.754
The Distance from POA to Centroid Target #1:	0.045
The Distance from Centroid Target #2 to Centroid Target #1:	0.117
The Distance from Centroid Target #3 to Centroid Target #1:	0.052
The Distance from Centroid Target #4 to Centroid Target #1:	0.206
The Distance from Centroid Target #5 to Centroid Target #1:	0.140

SERIAL NUMBER: C6225292.__0
TARGET NUMBER: 1
FILE DATE: 12/12/2006
FILE TIME: 06:21

X CENTROID:	-0.036
Y CENTROID:	-0.027
POA TO CENTROID:	0.045
HORZ SPREAD:	1.629
VERT SPREAD:	2.118
GROUP SPREAD:	2.141
MIN RADIUS:	0.317
MAX RADIUS:	1.244
MEAN RADIUS:	0.779
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.578	-1.109
2:	0.875	-0.442
3:	0.288	-0.555
4:	-0.754	-0.632
5:	-0.257	-0.254
6:	-0.462	-0.185
7:	0.263	1.009
8:	-0.315	0.820
9:	-0.198	0.454
10:	-0.376	0.622

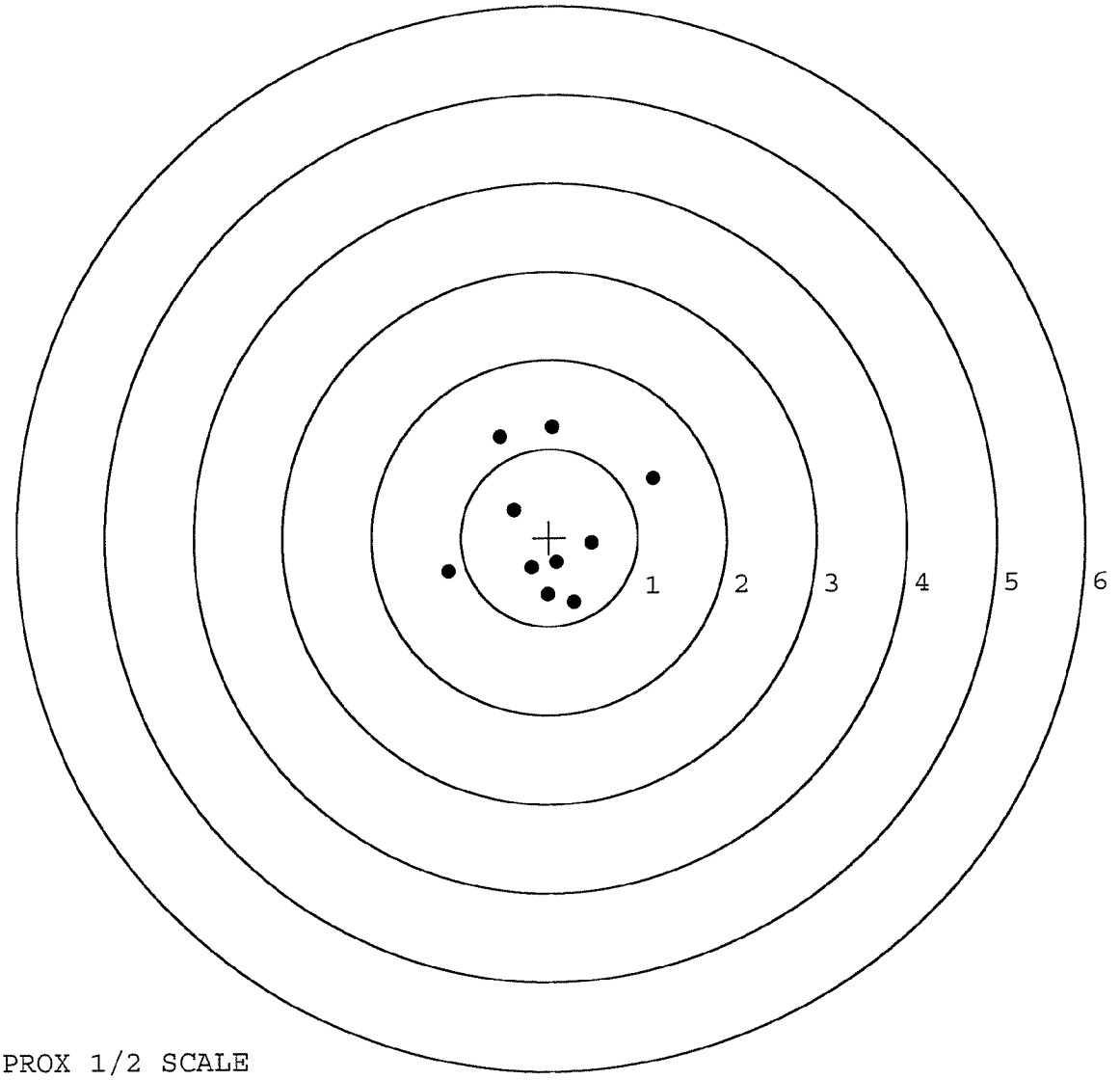


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225292.__0
TARGET NUMBER: 2
FILE DATE: 12/12/2006
FILE TIME: 06:21

X CENTROID:	-0.027
Y CENTROID:	0.090
POA TO CENTROID:	0.094
HORZ SPREAD:	2.314
VERT SPREAD:	1.982
GROUP SPREAD:	2.539
MIN RADIUS:	0.388
MAX RADIUS:	1.328
MEAN RADIUS:	0.831
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.044	1.246
2:	-0.553	1.139
3:	1.174	0.658
4:	-0.397	0.320
5:	-1.140	-0.386
6:	0.478	-0.068
7:	0.080	-0.283
8:	-0.203	-0.340
9:	0.276	-0.736
10:	-0.026	-0.653

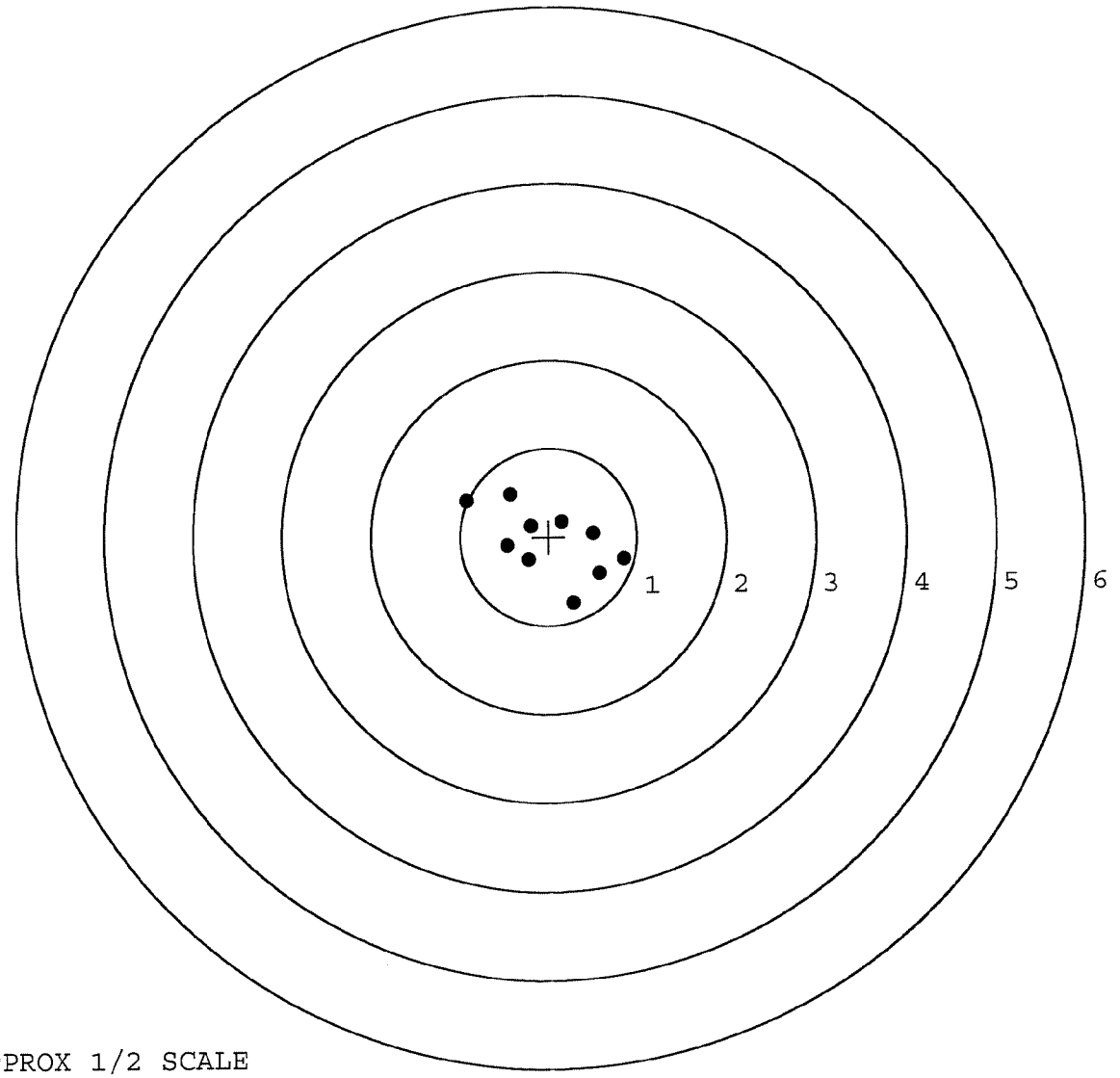


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225292.__0
TARGET NUMBER: 3
FILE DATE: 12/12/2006
FILE TIME: 06:21

X CENTROID:	0.008
Y CENTROID:	-0.055
POA TO CENTROID:	0.055
HORZ SPREAD:	1.778
VERT SPREAD:	1.231
GROUP SPREAD:	1.898
MIN RADIUS:	0.266
MAX RADIUS:	1.044
MEAN RADIUS:	0.586
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.276	-0.748
2:	0.570	-0.415
3:	0.850	-0.256
4:	0.504	0.039
5:	0.147	0.172
6:	-0.228	-0.258
7:	-0.206	0.126
8:	-0.433	0.483
9:	-0.928	0.408
10:	-0.470	-0.098

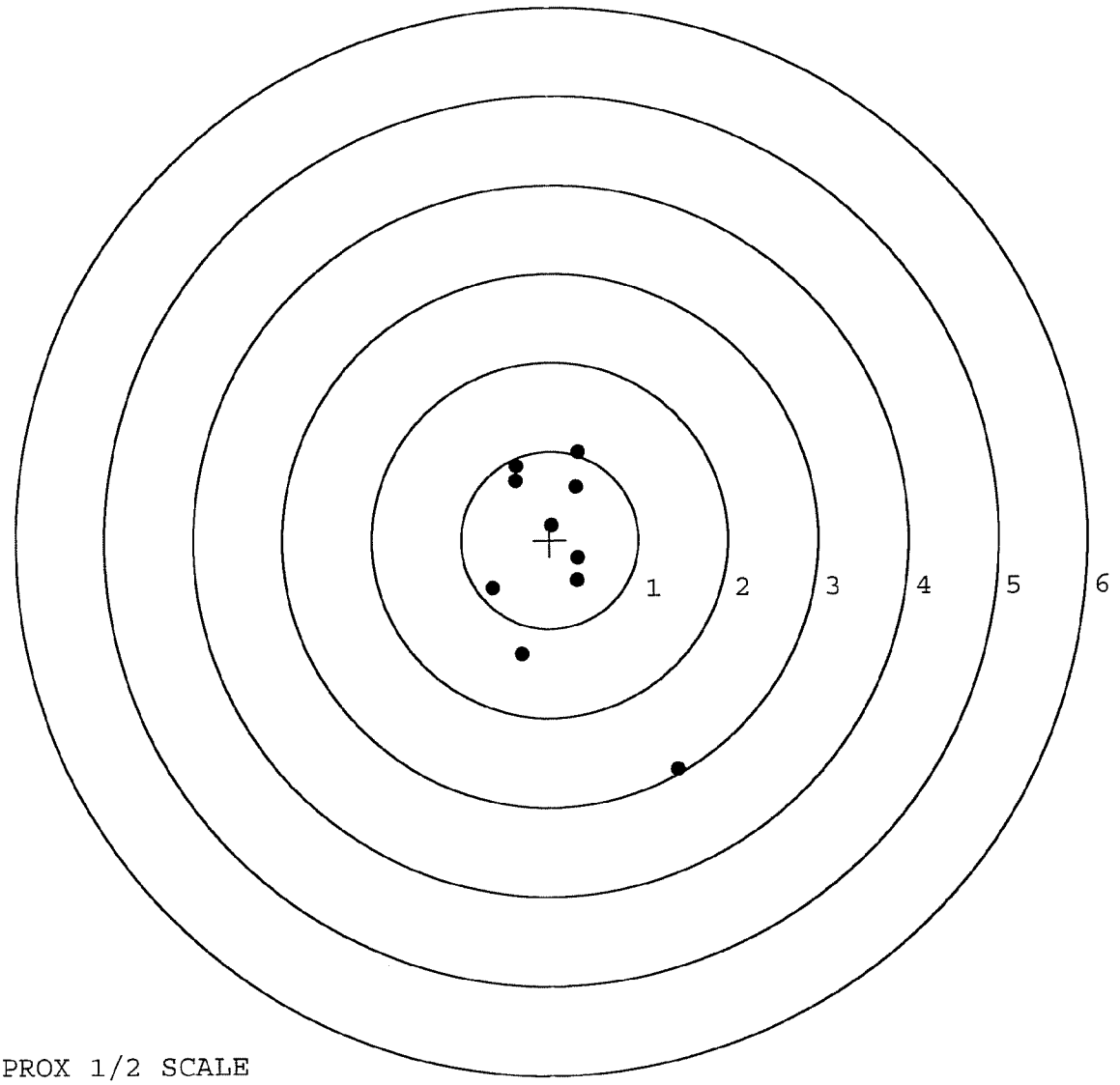


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225292.__0
TARGET NUMBER: 4
FILE DATE: 12/12/2006
FILE TIME: 06:21

X CENTROID:	0.098
Y CENTROID:	-0.184
POA TO CENTROID:	0.208
HORZ SPREAD:	2.080
VERT SPREAD:	3.585
GROUP SPREAD:	3.882
MIN RADIUS:	0.223
MAX RADIUS:	2.754
MEAN RADIUS:	0.981
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.321	-1.292
2:	-0.647	-0.545
3:	0.307	-0.464
4:	0.319	-0.210
5:	0.026	0.164
6:	0.299	0.598
7:	0.325	0.992
8:	-0.379	0.840
9:	-0.382	0.671
10:	1.433	-2.593

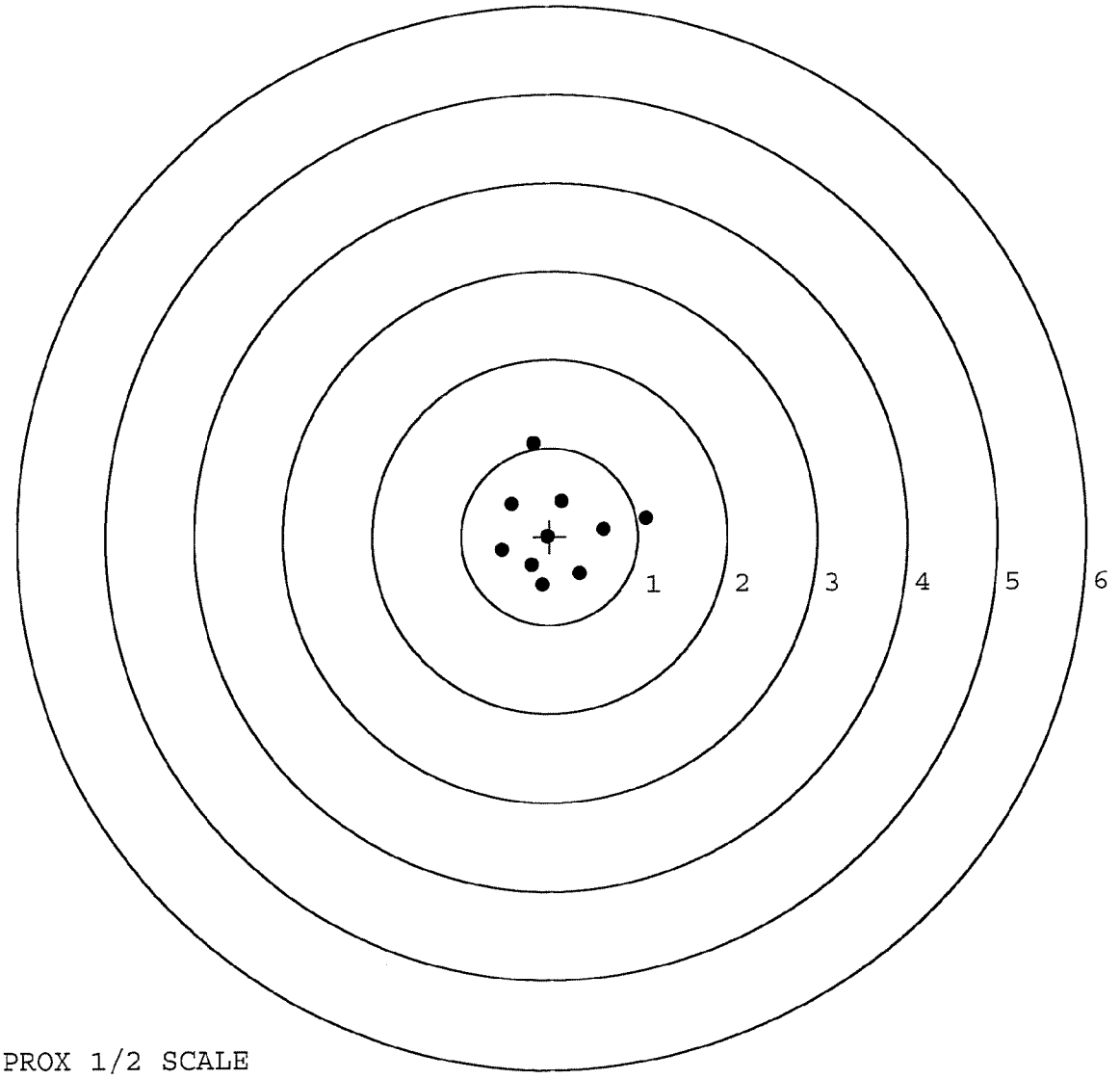


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225292.__0
TARGET NUMBER: 5
FILE DATE: 12/12/2006
FILE TIME: 06:21

X CENTROID:	0.070
Y CENTROID:	0.065
POA TO CENTROID:	0.095
HORZ SPREAD:	1.633
VERT SPREAD:	1.599
GROUP SPREAD:	1.668
MIN RADIUS:	0.118
MAX RADIUS:	1.029
MEAN RADIUS:	0.595
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.090	0.195
2:	0.613	0.074
3:	0.339	-0.425
4:	-0.182	1.048
5:	0.139	0.399
6:	-0.432	0.373
7:	-0.030	0.001
8:	-0.088	-0.551
9:	-0.208	-0.322
10:	-0.543	-0.147



TARGET APPROX 1/2 SCALE

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

Repair Number: RE00074603

Verify Repair

Serial: C6225292 Model 700 Center Fire Caliber: 7 62 NATO M24 SWS Produced: 09/19/1989

Repairman:

Status: Closed 12/29/2003 8:48:20 AM

Address Information

Customer: Received From		Return To: Received From	
Name:	ACO 1/7TH SFG A		ACO 1/7TH SFG A
Address 1:	ATTN S-4 NCOIC OR CPT MAXWELL ERIC		ATTN S-4 NCOIC OR CPT MAXWELL ERIC
Address 2:	BLDG E 3622 PO Box:		BLDG E 3622 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

Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Studs	3
A010	Hard Case	1
A017	Scope Bases	3
A026	Scope	1
A045	Bi Pod	1
X001	Deployment Case	1

Repair Search Refresh Close

nagletj 1/5/2004 9:14 AM CAPS NUM INS SCRL

Start

Serial Number: C6225292

Model: 700

RE00074603

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225292.__0
FILE DATE AND TIME: 01/22/2004 09:32

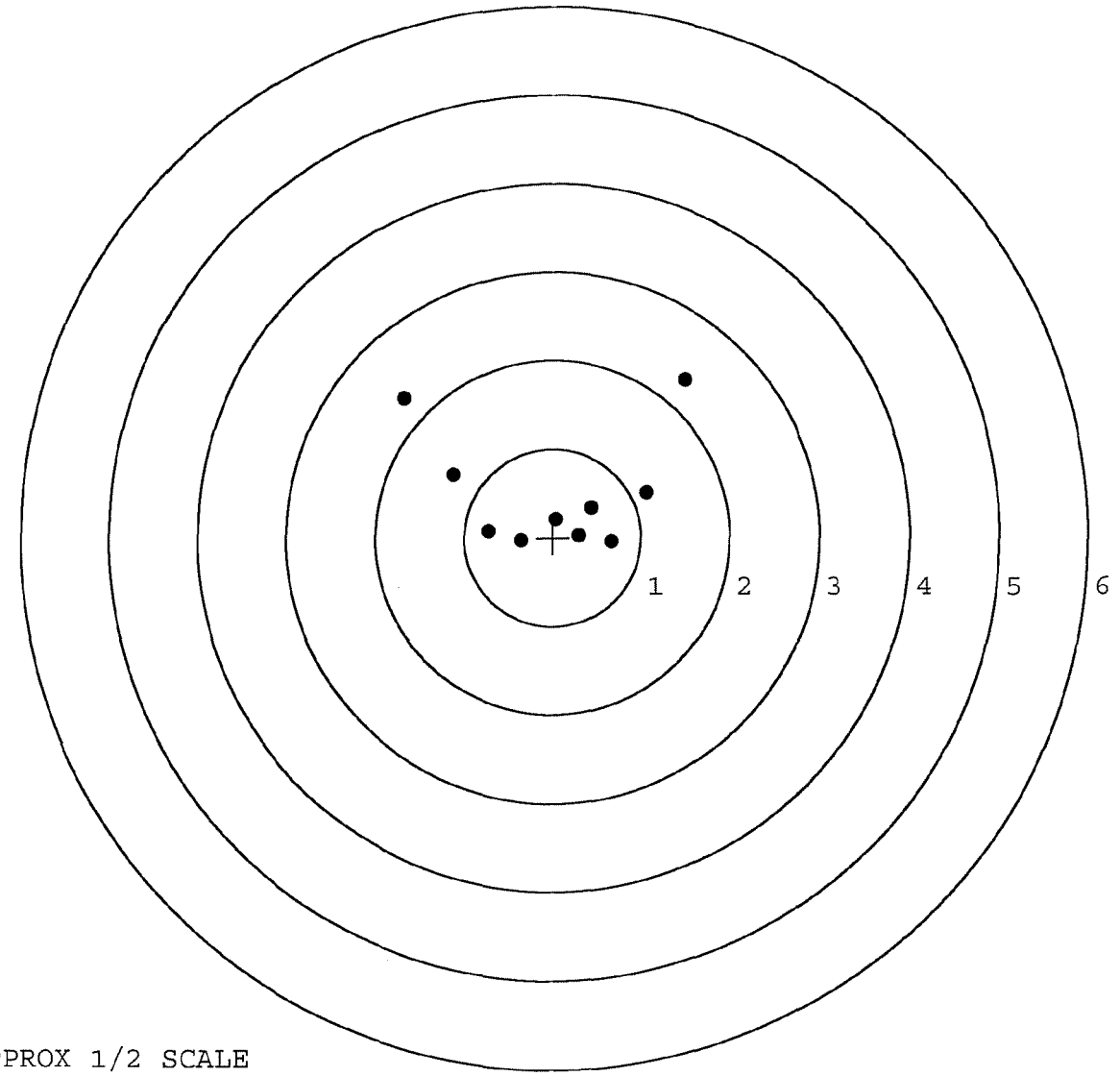
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.183
The Average Y Centroid of the Five Target Set:	0.189
The Average Point of Impact of the Five Target Set:	0.263
The Average Mean Radius of the Five Target Set:	0.751
The Distance from POA to Centroid Target #1:	0.513
The Distance from Centroid Target #2 to Centroid Target #1:	0.534
The Distance from Centroid Target #3 to Centroid Target #1:	0.425
The Distance from Centroid Target #4 to Centroid Target #1:	0.614
The Distance from Centroid Target #5 to Centroid Target #1:	0.538

SERIAL NUMBER: C6225292.__0
TARGET NUMBER: 1
FILE DATE: 01/22/2004
FILE TIME: 09:32

X CENTROID:	0.011
Y CENTROID:	0.513
POA TO CENTROID:	0.513
HORZ SPREAD:	3.178
VERT SPREAD:	1.821
GROUP SPREAD:	3.184
MIN RADIUS:	0.305
MAX RADIUS:	1.997
MEAN RADIUS:	0.986
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	6
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.496	1.771
2:	1.063	0.511
3:	0.439	0.343
4:	0.672	-0.050
5:	0.295	0.026
6:	0.039	0.209
7:	-0.356	-0.034
8:	-0.732	0.075
9:	-1.123	0.707
10:	-1.682	1.572

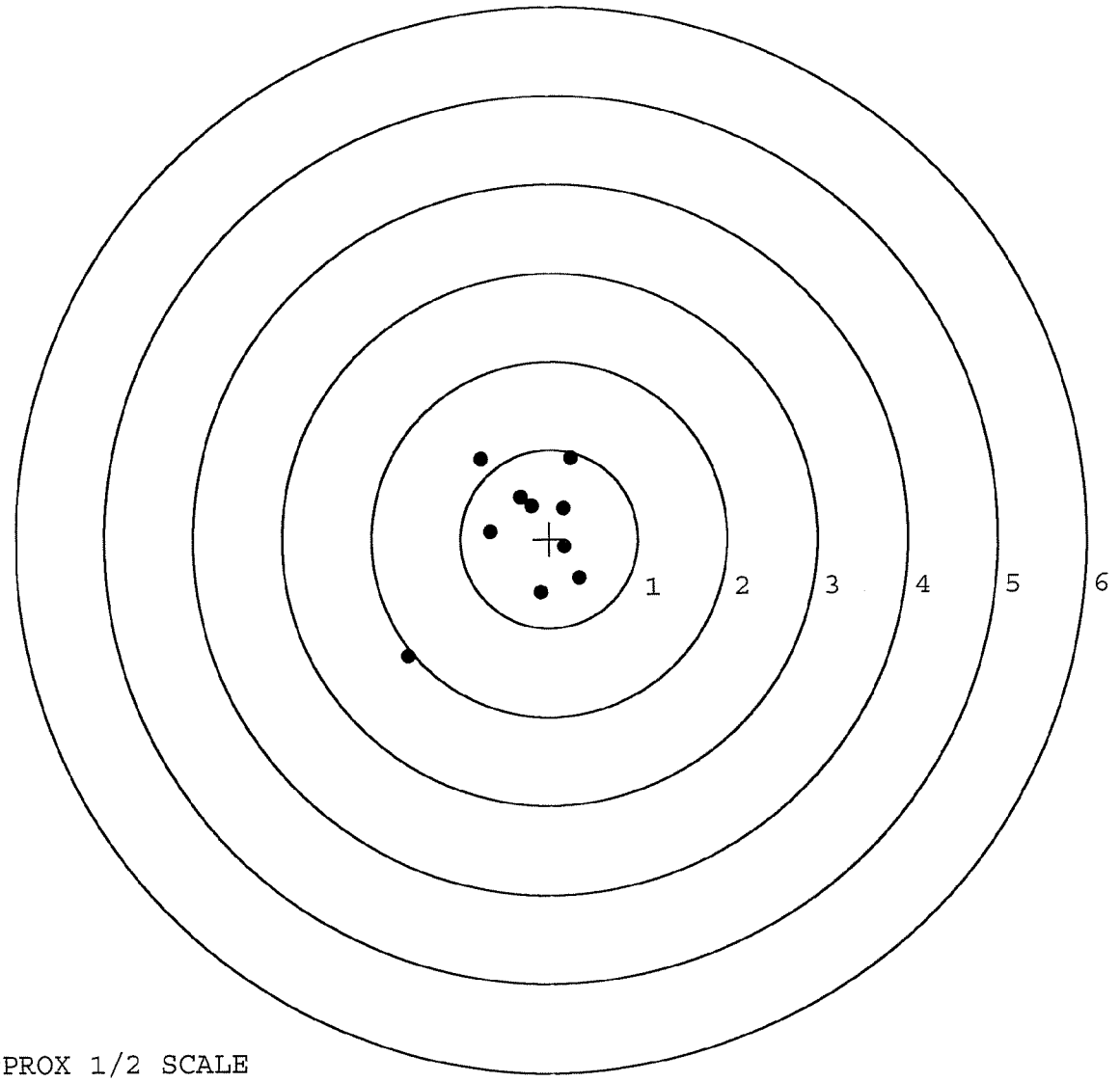


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225292.__0
TARGET NUMBER: 2
FILE DATE: 01/22/2004
FILE TIME: 09:32

X CENTROID:	-0.276
Y CENTROID:	0.062
POA TO CENTROID:	0.283
HORZ SPREAD:	1.939
VERT SPREAD:	2.213
GROUP SPREAD:	2.880
MIN RADIUS:	0.313
MAX RADIUS:	1.905
MEAN RADIUS:	0.746
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.243	0.906
2:	-0.325	0.472
3:	-0.204	0.367
4:	0.164	0.343
5:	-0.772	0.895
6:	-0.670	0.082
7:	0.339	-0.445
8:	-0.101	-0.604
9:	-1.600	-1.307
10:	0.168	-0.088

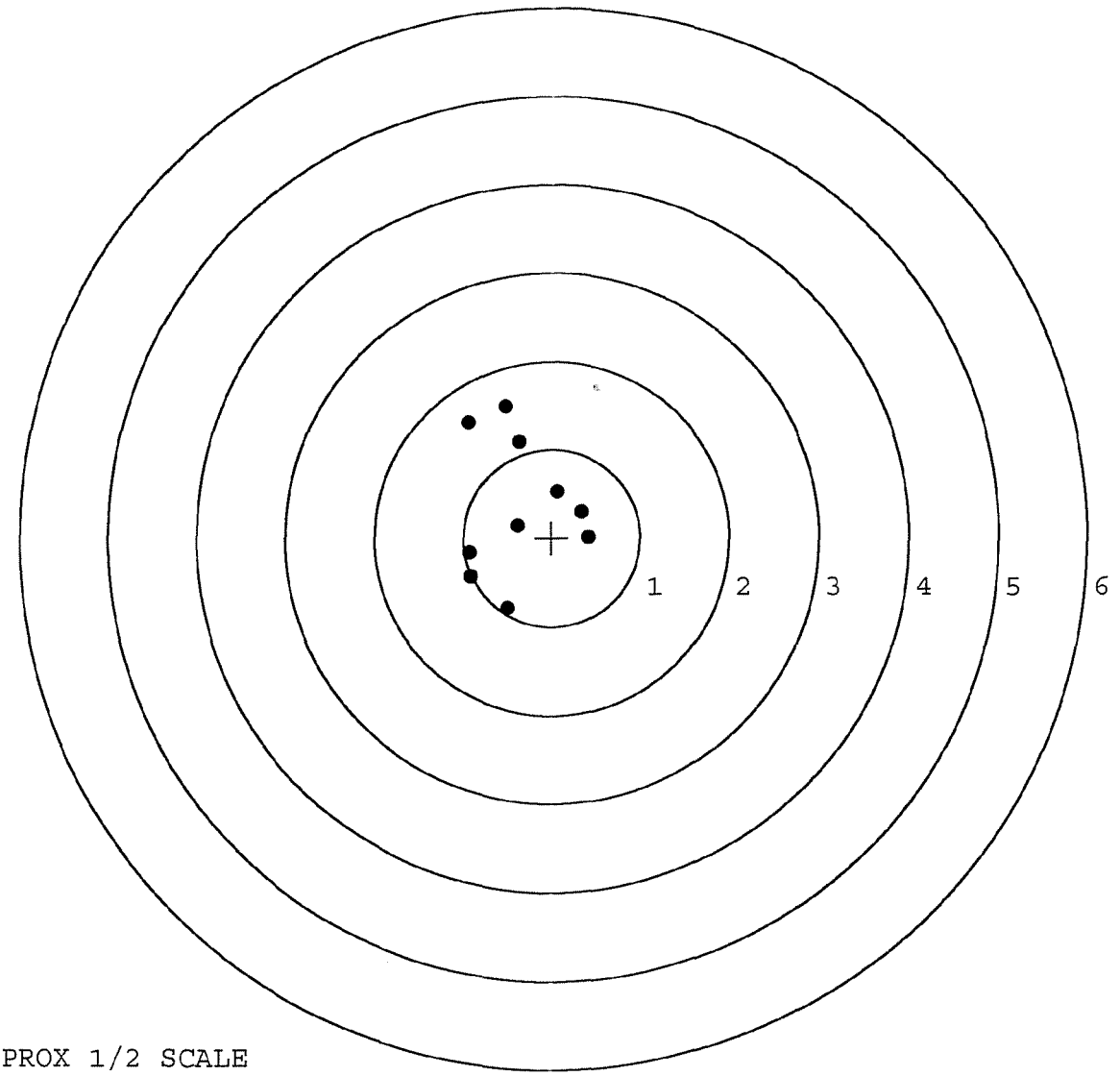


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225292.__0
TARGET NUMBER: 3
FILE DATE: 01/22/2004
FILE TIME: 09:32

X CENTROID:	-0.378
Y CENTROID:	0.342
POA TO CENTROID:	0.510
HORZ SPREAD:	1.356
VERT SPREAD:	2.284
GROUP SPREAD:	2.284
MIN RADIUS:	0.203
MAX RADIUS:	1.158
MEAN RADIUS:	0.814
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.065	0.525
2:	0.335	0.290
3:	0.409	-0.002
4:	-0.393	0.140
5:	-0.931	-0.179
6:	-0.915	-0.443
7:	-0.503	-0.794
8:	-0.371	1.093
9:	-0.532	1.490
10:	-0.947	1.304

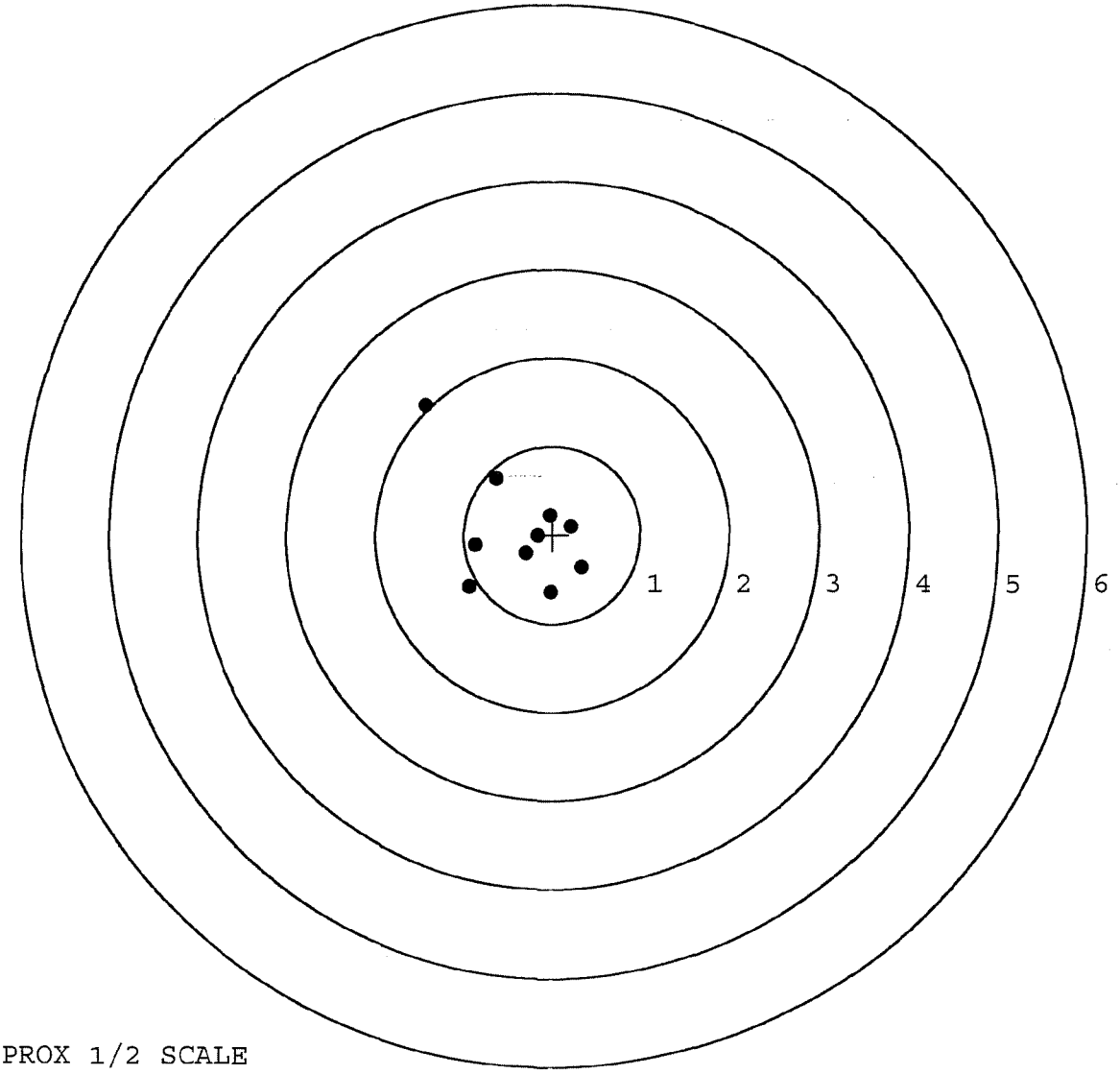


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225292.__0
TARGET NUMBER: 4
FILE DATE: 01/22/2004
FILE TIME: 09:32

X CENTROID:	-0.385
Y CENTROID:	0.044
POA TO CENTROID:	0.388
HORZ SPREAD:	1.776
VERT SPREAD:	2.115
GROUP SPREAD:	2.552
MIN RADIUS:	0.226
MAX RADIUS:	1.769
MEAN RADIUS:	0.686
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.934	-0.589
2:	-0.871	-0.121
3:	-0.638	0.627
4:	-0.031	0.219
5:	0.207	0.092
6:	-0.168	-0.017
7:	-0.297	-0.216
8:	0.337	-0.367
9:	-0.017	-0.650
10:	-1.439	1.465

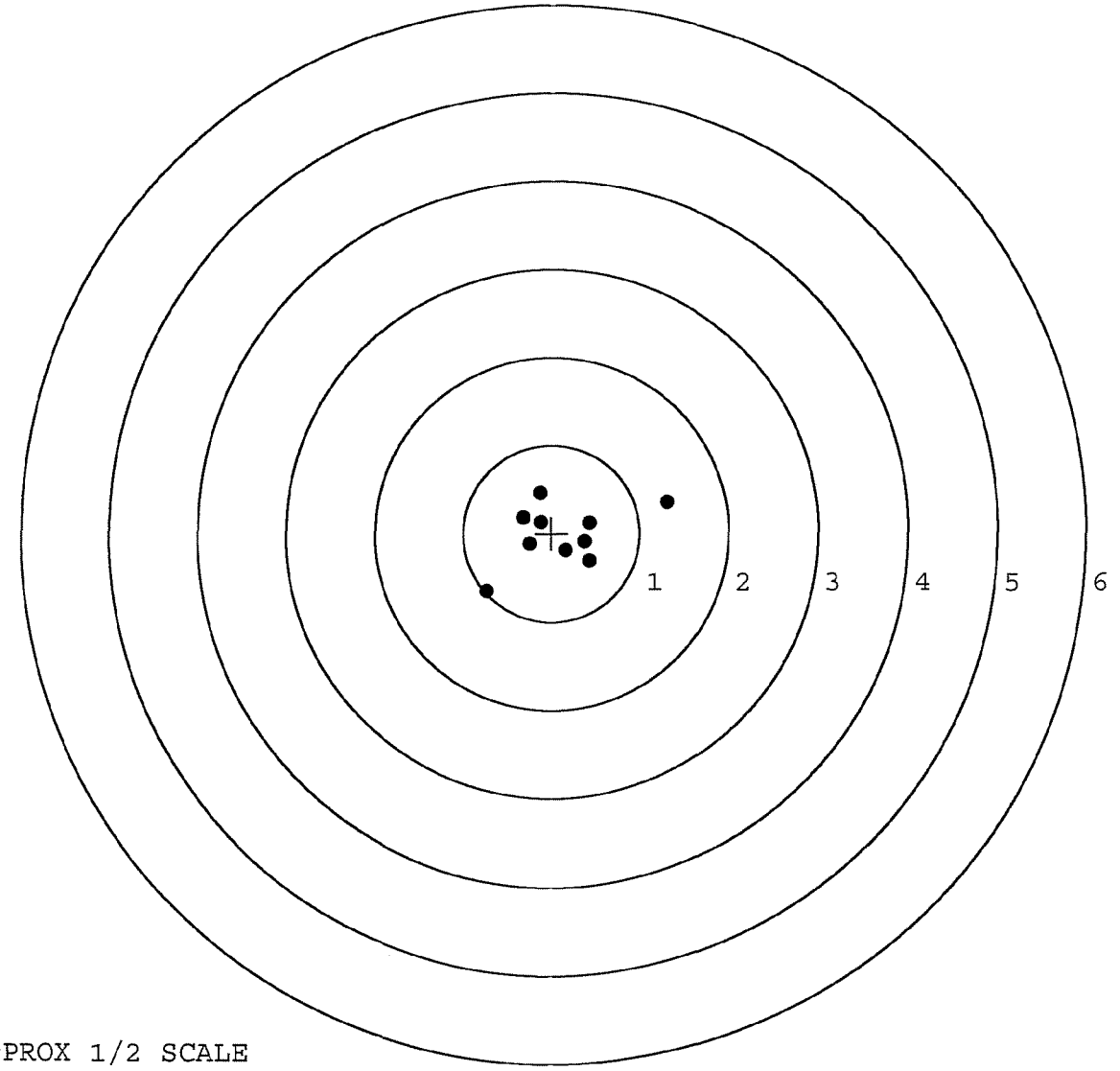


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225292.__0
TARGET NUMBER: 5
FILE DATE: 01/22/2004
FILE TIME: 09:32

X CENTROID:	0.111
Y CENTROID:	-0.016
POA TO CENTROID:	0.112
HORZ SPREAD:	2.039
VERT SPREAD:	1.112
GROUP SPREAD:	2.275
MIN RADIUS:	0.190
MAX RADIUS:	1.249
MEAN RADIUS:	0.523
# IN 1 IN DIAMETER:	7
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.304	0.353
2:	0.425	0.119
3:	-0.735	-0.655
4:	-0.138	0.457
5:	-0.330	0.174
6:	-0.250	-0.123
7:	0.160	-0.200
8:	0.428	-0.317
9:	0.379	-0.094
10:	-0.133	0.126



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 12-30-03

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.52	2.77		2.81	
PULL #2	2.53	2.76		2.89	
PULL #3	2.70	2.70		2.86	
PULL #4	2.77	2.76		2.88	
PULL #5	2.68	2.62		2.84	
TOTAL	13.20	13.61		14.28	
AVERAGE	2.64	2.72		2.85	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.29	3.15		
PULL #2	3.12	3.15		
PULL #3	3.46	3.17		
PULL #4	3.36	3.14		
PULL #5	3.21	3.23		
TOTAL	16.44	15.84		
AVERAGE	3.28	3.16		

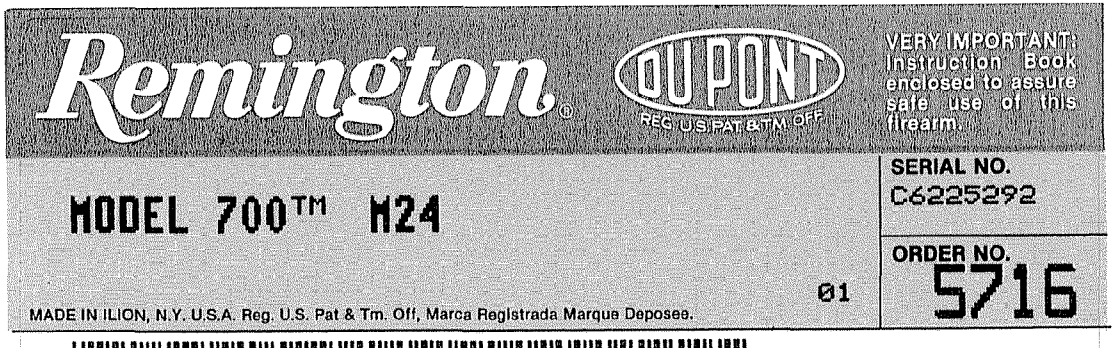
	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	4.10	4.01		4.15
PULL #2	4.19 TRW	4.31		4.24
PULL #3	4.28	4.21		4.28
PULL #4	4.29	4.10		4.22
PULL #5	4.35	4.19		4.16
TOTAL	21.21	20.82		21.05
AVERAGE	4.24	4.16		4.21

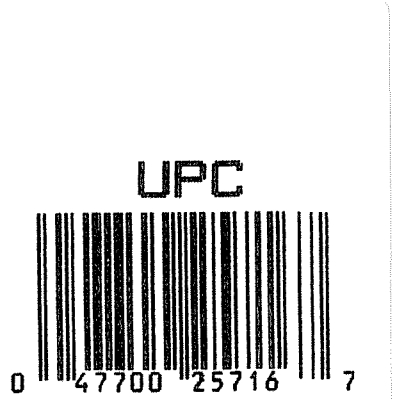
M-24 INSPECTION CHECKLIST

CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	74603		
SERIAL NUMBER	C6225292		
LOG-IN DATE	12-29-03		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	1-5-03	RTC
560 A	RE-BARREL	1-7-04	RTC
B	DRILL AND TAP	1-9-04	TRW
575	ASSEMBLE	1-8-04	RTC
600	PROOF	1-8-04	RW
605	CHECK HEADSPACE	1-8-04	RW
610	DIS-ASSEMBLE GUN	1-8-04	RW
612	MAGNAFLUX OPERATOR		
615	ROLLMARK CALIBER	1-13-04	
618	ROTO-BLAST	1/13/2004	
620	APPLY COATINGS	1-15	TA
625 A	FINAL ASSEMBLY	1-19-04	RTC
B	TRIGGER PULL TEST	1-26-04	DA
C	SAFETY "ON" FORCE	1-26-04	DA
D	SAFETY "OFF" FORCE	1-26-04	DA
E	FIRING PIN INDENT		
640	TARGET	1-22-04	AC
655	FINAL INSPECT	1-22-04	RW
660	PACK	1-26-04	DA
		1-26-04	
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA-FLUX INSPECTED JAN 2 2004





Scope 0075

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225292

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	6 12	89	RW
600	Proof	6 12	89	RW
607	Check Headspace	6 12	89	RW
610	Dis-assemble Gun	6 12	89	RW
612	Magnaflux Barrel Action		6/21/89	KCR
	Magnaflux Bolt		6/21/89	KCR
615	Rollmark Caliber		6/21/89	YS.
617	Drill and Tap Sight Holes	6 26	89	L.B.
618	Polish Barrel	6 26	89	BT.
620	Apply Coatings (Barrel Action)		7/12/89	TA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		7/14/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		7/14/89	RW
	C) Inspect Ejector Hole for Chamfer		7/14/89	RW
	D) Oil Firing Pin Ass'y		7/14/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		14 July 89	YS

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			17 July 89	[illegible]
	G) Safety Off Force	3	3	3			17 July 89	[illegible]
	H) Trigger Pull Test & Retainability						14 July 89	[illegible]
	I) Firing Pin Indent	.020	.020	.021			17 July 89	[illegible]
	J) Assemble Stock						7/18/89	[illegible]
	K) Assemble Swivel Studs						25 July 89	[illegible]
	L) Attach Front and Rear Sight Assemblies						7/18/89	[illegible]
	M) Iron Sight Alignment						7/18/89	[illegible]
	N) Detach Front & Rear Sights & place in numbered container						7/18/89	[illegible]
	O) Attach Scope to Rifle						7/19/89	[illegible]
	P) Detach & Attach Scope 20 Times						7/20/89	[illegible]
640	Gallery Target & Test	73R	79L				7-21-89	AC
	A) Time						7-21-89	AC
	B) Malfunctions						7-21-89	AC
	C) Pierced Primers						7-21-89	AC
	D) Optical Clearity of Scope						7-21-89	AC
645	Inspect for Live Ammo						7-21-89	AC
655	Final Inspection A) Headspace						25 July 89	[illegible]
	B) Trigger Pull	2.67	2.82	2.83	2.77	2.58	25 July 89	[illegible]
	C) Function						25 July 89	[illegible]
660	Pack						25 Sep 89	[illegible]

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# ± .50#
3.00# ± .75#
4.00# ± 1.00#

SERIAL NO. 5292

DATE 3-30-98

TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.51	2.42		2.35	MIN. SETTING,
PULL #2	2.39	2.42		2.41	NO AVG. OF 5
PULL #3	2.45	2.41		2.44	READINGS ACCEPT-
PULL #4	2.42	2.39		2.43	ABLE LESS THAN 2#
PULL #5	2.41	2.40		2.32	
TOTAL	12.18	12.04		11.95	
AVG.	2.436	2.408		2.39	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.57	3.58		
PULL #2	3.52	3.36		
PULL #3	3.50	3.41		
PULL #4	3.56	3.38		
PULL #5	3.56	3.43		
TOTAL	17.74	17.16		
AVG.	3.548	3.432		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.16	4.29		
PULL #2	4.33	4.32		
PULL #3	4.34	4.38		
PULL #4	4.30	4.35		
PULL #5	4.26	4.21		
TOTAL	21.39	21.55		
AVG.	4.278	4.31		

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6225292
21 Jul 1989

CENTROIDAL DISTANCES

0	TO	1	.439167
1	TO	2	.425403
1	TO	3	.978841
1	TO	4	.80201
1	TO	5	.252533

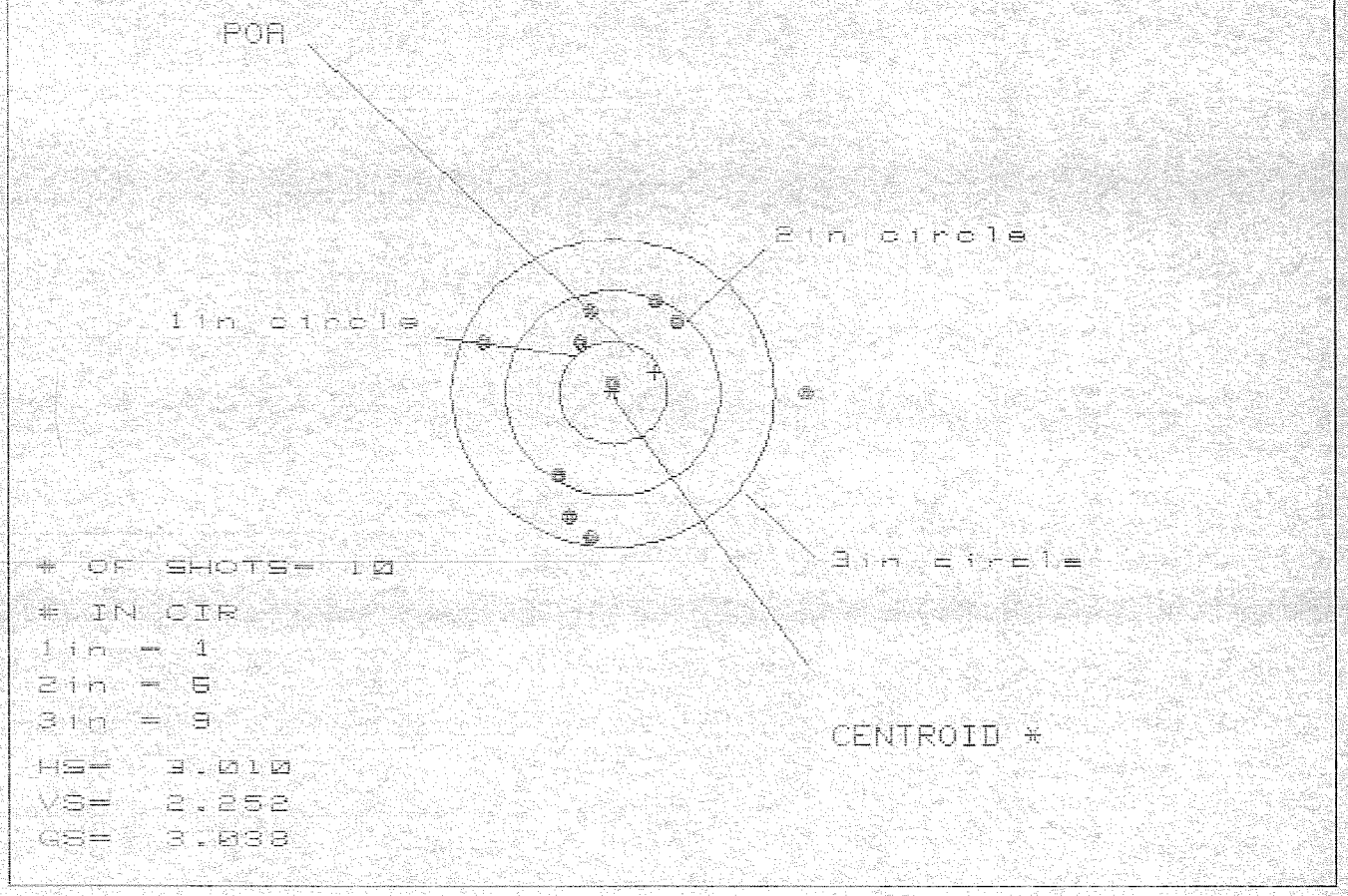
5 4 2 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0548
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.007
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .10282

THE AMR FOR THIS RIFLE IS: 1.062

21 Jul 1989 FILE:/PATTERNING/CENTERFIRE_PATT/CG225C92

CENTERFIRE PATTERNS # 1

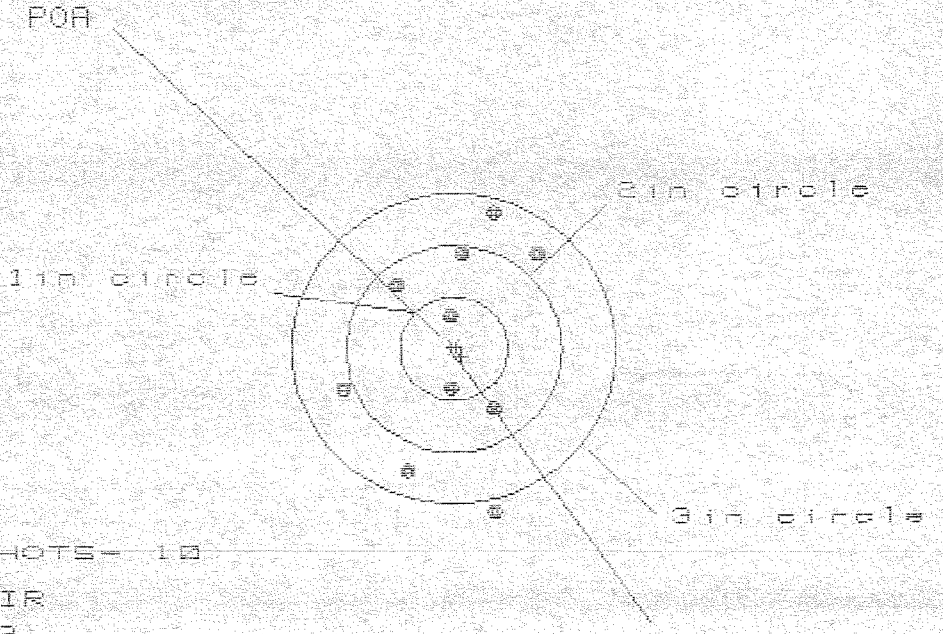


\# OF SHOTS= 10
\# IN CIR
1in = 1
2in = 5
3in = 9
HS= 3.010
VS= 2.252
GS= 3.038

PATTERN #	:	5	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.831	.790	.788
MINIMUM X	:	-1.179	-.976	-.978
MAXIMUM Y	:	.864	.869	.696
MINIMUM Y	:	-1.388	-1.383	-1.388
CENTROID X	:	-.392	-.595	-.593
CENTROID Y	:	-.198	-.203	-.030
POA TO CENTROID in.	:	.439	.629	.594
MIN RADIUS	:	.074	.214	.217
MEAN RADIUS	:	1.009	.912	.815
MAX RADIUS	:	1.832	1.383	1.398
HORIZONTAL SPREAD	:	3.010	1.766	1.766
VERTICAL SPREAD	:	2.252	2.252	2.084
EXTREME SPREAD	:	3.038	2.345	2.232
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

21 Jul 1989 FILE:/PATTERNING/CENTERFIRE_PATT/CG225B92

CENTERFIRE PATTERNS # 2

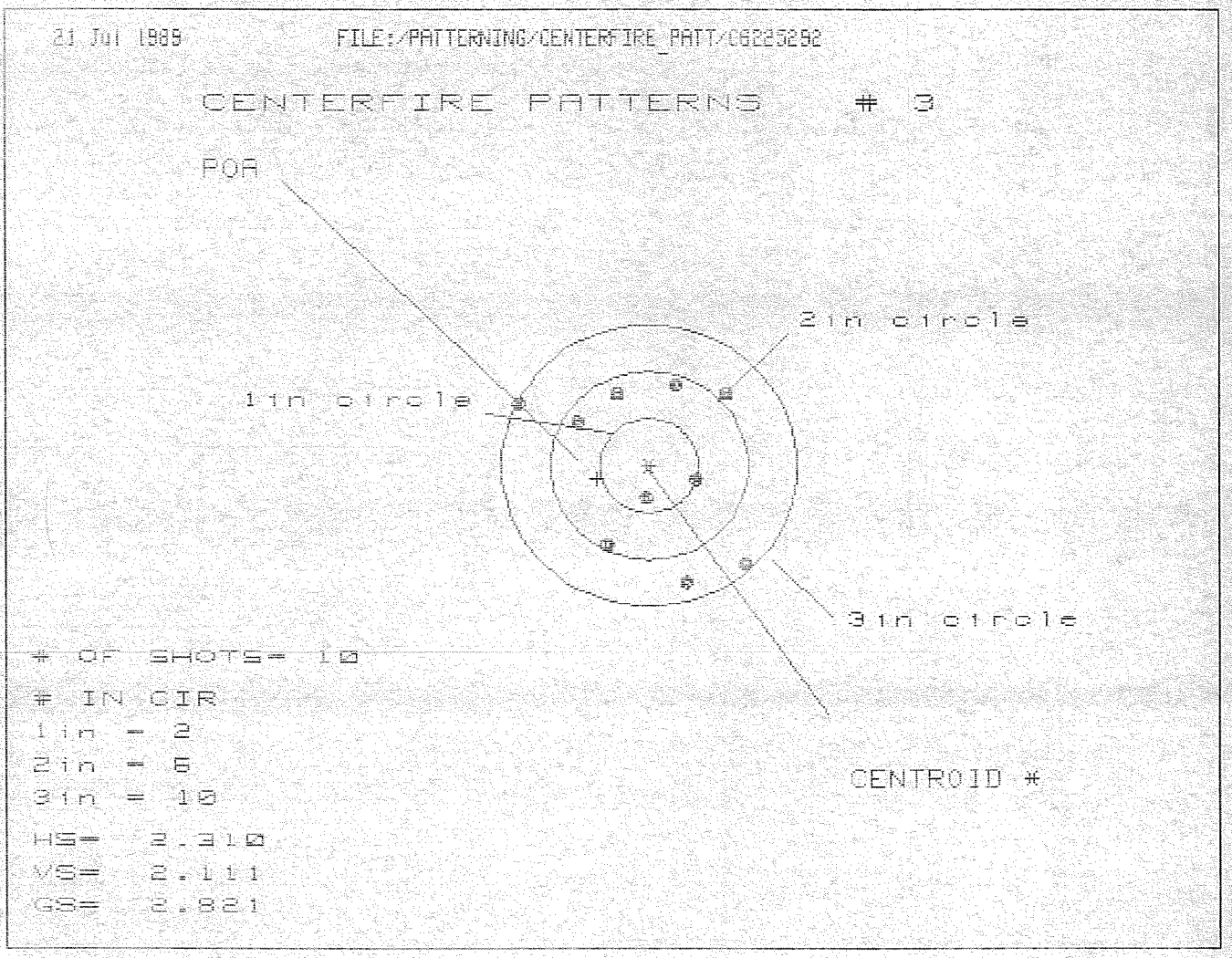


OF SHOTS= 10

# IN CIR
1in = 2
2in = 5
3in = 9

HS= 1.777
VS= 2.913
GS= 2.913

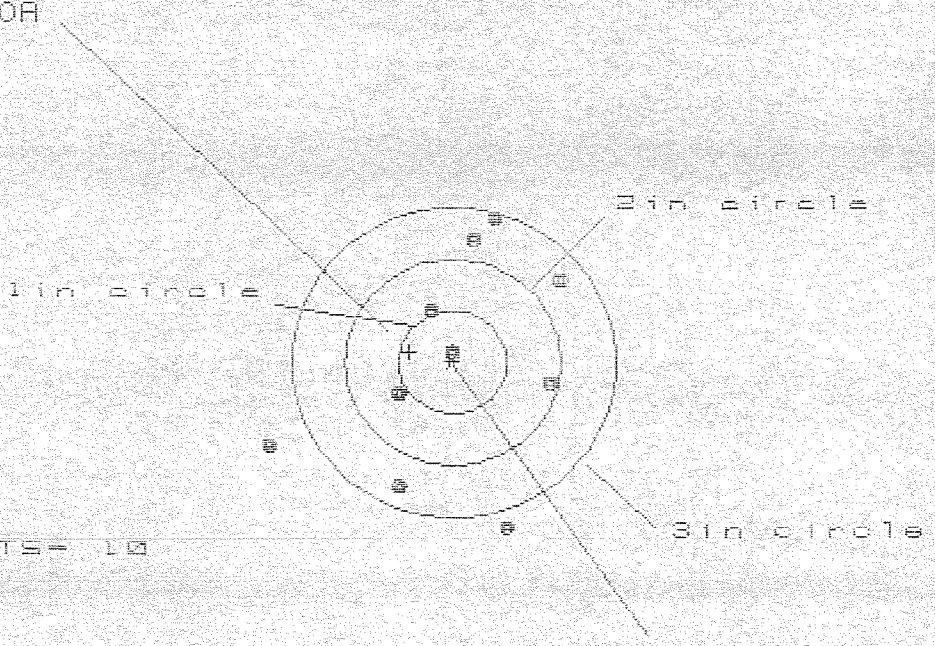
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.746	.792	.850
MINIMUM X	:	-1.031	-.985	-.927
MAXIMUM Y	:	1.308	1.129	.914
MINIMUM Y	:	-1.605	-1.386	-1.245
CENTROID X	:	-.070	-.116	-.174
CENTROID Y	:	.080	.258	.117
POA TO CENTROID in.	:	.106	.283	.209
MIN RADIUS	:	.319	.145	.297
MEAN RADIUS	:	.978	.878	.838
MAX RADIUS	:	1.659	1.434	1.283
HORIZONTAL SPREAD	:	1.777	1.777	1.777
VERTICAL SPREAD	:	2.913	2.515	2.159
EXTREME SPREAD	:	2.913	2.649	2.451
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.007	.863	.781
MINIMUM X	:	-1.303	-.901	-.794
MAXIMUM Y	:	.895	.963	.846
MINIMUM Y	:	-1.216	-1.148	-1.266
CENTROID X	:	.527	.671	.564
CENTROID Y	:	.139	.071	.189
POA TO CENTROID in.	:	.545	.675	.594
MIN RADIUS	:	.341	.296	.397
MEAN RADIUS	:	.968	.903	.852
MAX RADIUS	:	1.440	1.275	1.316
HORIZONTAL SPREAD	:	2.310	1.764	1.575
VERTICAL SPREAD	:	2.111	2.111	2.111
EXTREME SPREAD	:	2.821	2.325	2.116
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		10	

21 Jul 1989 FILE:/PATTERNING/CENTERFIRE_PATT/C8225282

CENTERFIRE PATTERNS # 4



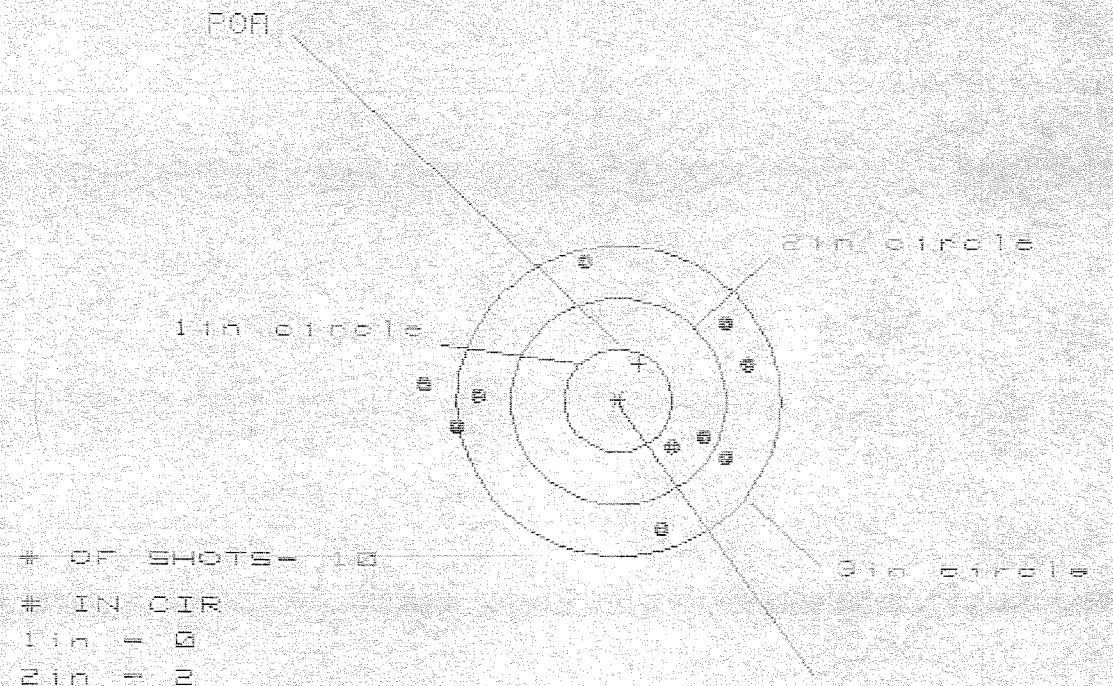
OF SHOTS= 10

# IN CIR	
1in =	1
2in =	4
3in =	8
HS=	2.622
VS=	2.979
GS=	3.069

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.950	.764	.805
MINIMUM X	:	-1.672	-.719	-.678
MAXIMUM Y	:	1.415	1.330	1.124
MINIMUM Y	:	-1.564	-1.649	-1.504
CENTROID X	:	.404	.590	.549
CENTROID Y	:	-.100	-.015	.191
POA TO CENTROID in.	:	.416	.590	.581
MIN RADIUS	:	.105	.205	.248
MEAN RADIUS	:	1.096	1.008	.895
MAX RADIUS	:	1.837	1.681	1.643
HORIZONTAL SPREAD	:	2.622	1.483	1.483
VERTICAL SPREAD	:	2.979	2.979	2.628
EXTREME SPREAD	:	3.069	2.982	2.777
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

21 Jul 1989 FILE:/PATTERNING/CENTERFIRE_PATT/DA225292

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 0
2in = 2
3in = 9

HS= 3.067
VS= 2.612
GS= 3.077

PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.231	1.028	.819
MINIMUM X	-1.836	-1.666	-1.741
MAXIMUM Y	1.390	1.406	1.381
MINIMUM Y	-1.222	-1.206	-1.231
CENTROID X	-.195	.008	.217
CENTROID Y	-.356	-.372	-.347
POA TO CENTROID in.	.406	.372	.409
MIN RADIUS	.682	.535	.475
MEAN RADIUS	1.259	1.146	1.024
MAX RADIUS	1.841	1.678	1.741
HORIZONTAL SPREAD	3.067	2.694	2.560
VERTICAL SPREAD	2.612	2.612	2.612
EXTREME SPREAD	3.077	2.760	2.692
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		2	
NUMBER IN THREE INCH CIRCLE =		9	