C6523512

MODEL 700™ M24

Model SWS ™

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: RE00149817

Verify Repair

Serial: C6523512 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status: Closed 8/25/2008 9:51:46 AM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	CAMP ROBERTS MATES		CAMP ROBERTS MATES
Address 1:	EAST GARRISON BLDG 25021		EAST GARRISON BLDG 25021
Address 2:	ATTN: CW4 KEISTER PO Box:		ATTN: CW4 KEISTER PO Box:
City:	SAN MIGUEL		SAN MIGUEL
State: / Zip Code: / Country:	CA / 93451 / US	State: / Zip Code: / Country:	CA / 93451 / 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
A008	With Swivel	2
A017	Scope Base	1
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj | 8/25/2008 | 10:26 AM | CAPS | NUM | INS | SCRL

Start | 13 Micr... | Yanuk's E... | 5 Micros... | Part Sear... | Arms Ser... | 10:26 AM

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

R & R NUMBER: 149817
SERIAL NUMBER: C6523512
LOG-IN DATE: 8-25-08

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN			
505	RE-BARREL			
560	ASSEMBLE	Clean + EVALUATE	9/16/08	RTC
600	PROOF			
605	CHECK HEADSPACE			
610	DIS-ASSEMBLE GUN			
612	MAGNAFLUX			
510	DRILL AND TAP			
615	ROLLMARK CALIBER			
618	ROTO-BLAST			
620	APPLY COATINGS			
625	FINAL ASSEMBLY			
640	FUNCTION TEST AND	(PASS) FAIL	9-23-08	TRW
650	TARGET	(PASS) FAIL	9-20-08	TRW
	MALFUNCTION OH over live Rds	CORRECTION OK	9-23-08	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	9-20-08	RP
670	FINAL INSPECTION		9-23-08	TC
	A) HEADSPACE	(PASS) FAIL	9-23-08	TC
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.64 2.56 2.51 2.48 2.46	9-23-08	TC
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	2 2 2	9-23-08	TC
	G) SAFETY OFF FORCE (2 LBS MIN)	3.5 3.5 3.5	9-23-08	TC
	I) FIRING PIN INDENT .020	.024 .024 .024	9-23-08	TC
690	PACK		9/25/08	FM

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523512.__1
FILE DATE AND TIME: 09/22/2008 06:32

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

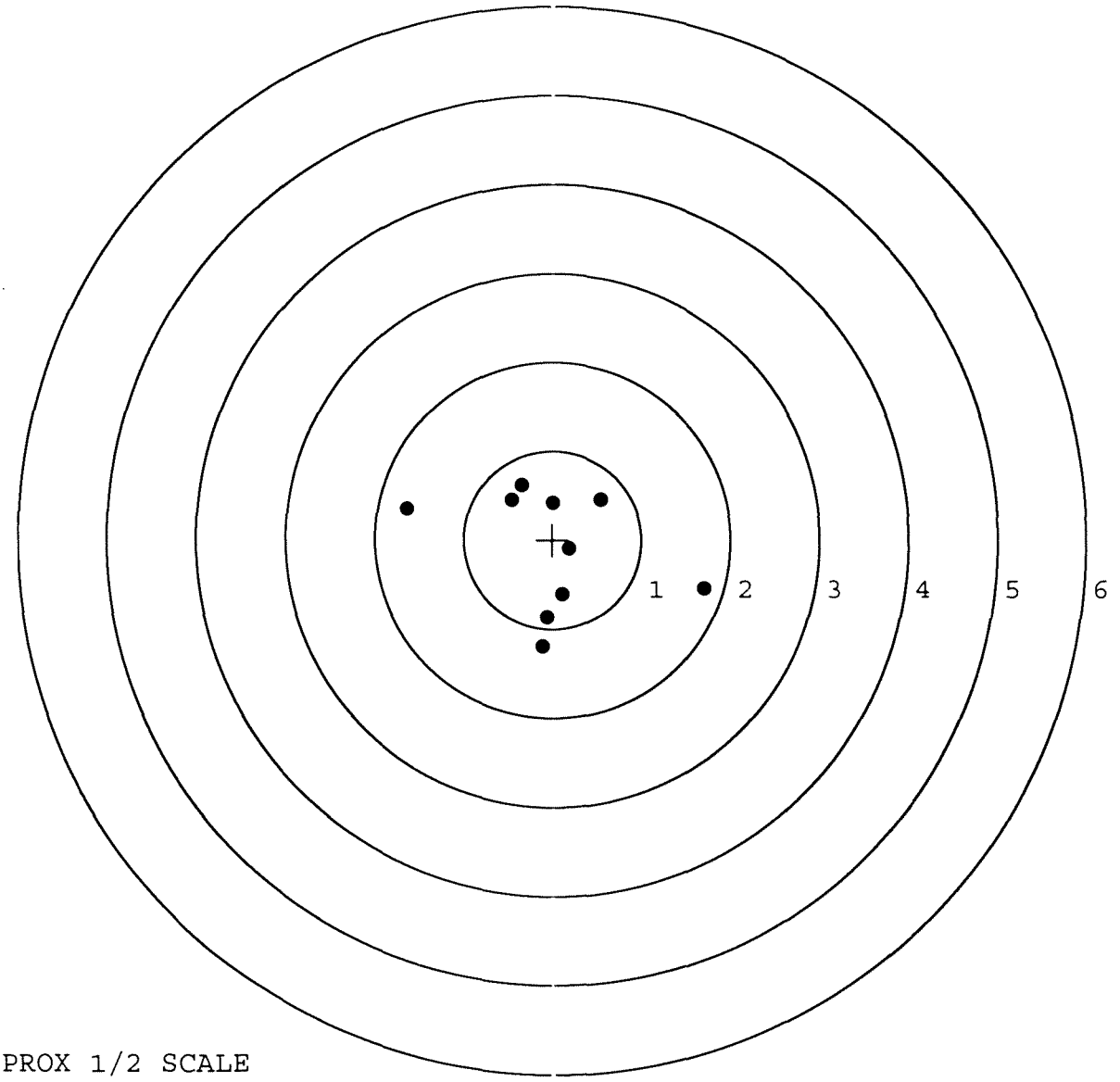
ERROR - NOT POSSIBLE TO REPORT SWS STATS ON DATA
WHERE TOTAL TARGETS ARE NOT EQUAL TO FIVE

AVE. MEAN - .7575

SERIAL NUMBER: C6523512.__1
TARGET NUMBER: 1
FILE DATE: 09/22/2008
FILE TIME: 06:32

X CENTROID:	-0.010
Y CENTROID:	-0.106
POA TO CENTROID:	0.106
HORZ SPREAD:	3.347
VERT SPREAD:	1.816
GROUP SPREAD:	3.463
MIN RADIUS:	0.199
MAX RADIUS:	1.766
MEAN RADIUS:	0.889
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	-0.118	-1.201
2:	-0.062	-0.878
3:	0.109	-0.616
4:	0.189	-0.102
5:	0.546	0.457
6:	-0.006	0.415
7:	-0.461	0.450
8:	-1.646	0.347
9:	-0.350	0.615
10:	1.701	-0.543

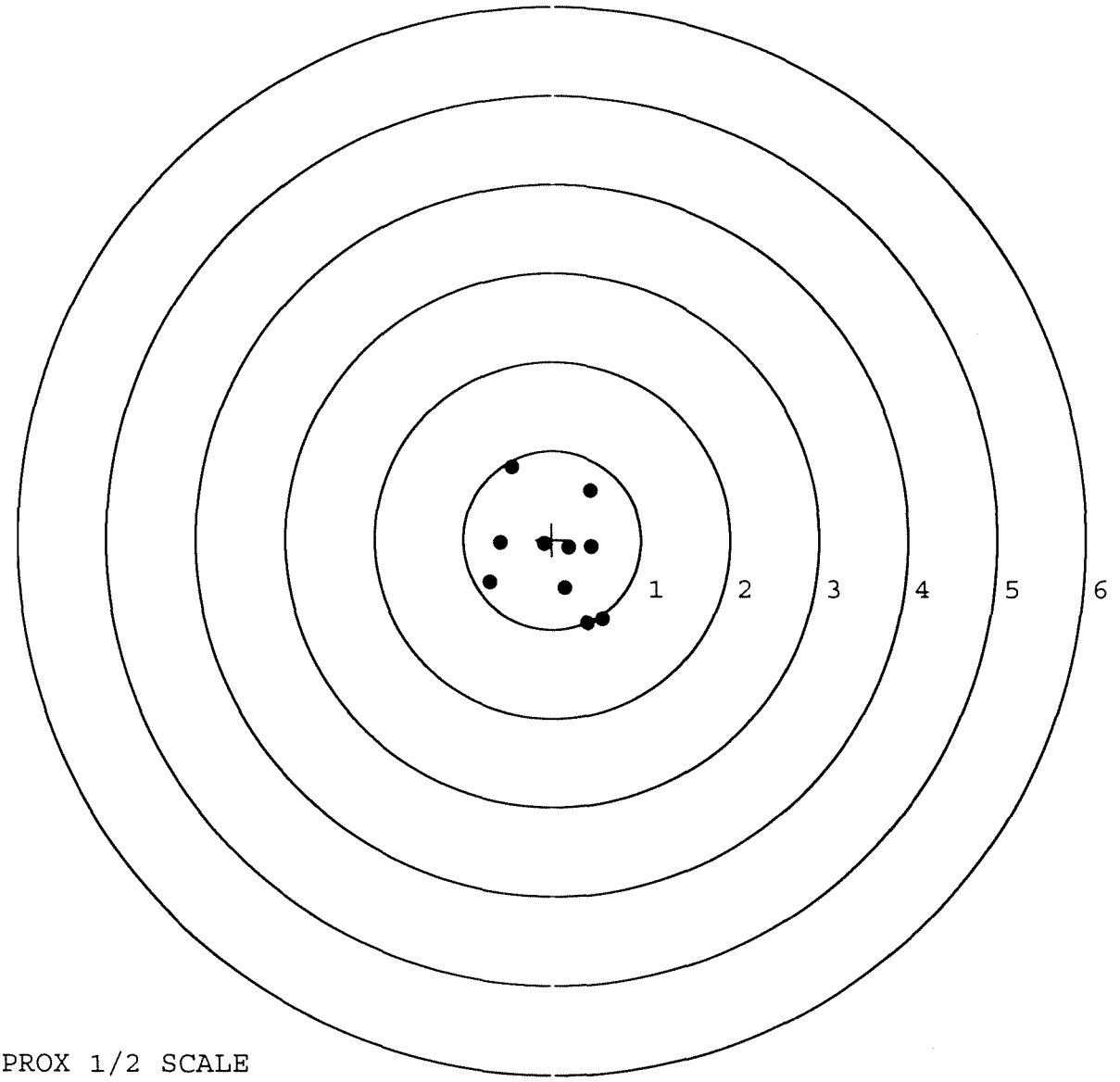


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523512.__1
TARGET NUMBER: 2
FILE DATE: 09/22/2008
FILE TIME: 06:32

X CENTROID:	0.034
Y CENTROID:	-0.172
POA TO CENTROID:	0.175
HORZ SPREAD:	1.277
VERT SPREAD:	1.750
GROUP SPREAD:	1.990
MIN RADIUS:	0.176
MAX RADIUS:	1.106
MEAN RADIUS:	0.626
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.571	-0.886
2:	0.405	-0.931
3:	0.144	-0.543
4:	0.441	-0.080
5:	0.191	-0.091
6:	-0.093	-0.051
7:	-0.583	-0.034
8:	-0.706	-0.477
9:	0.430	0.555
10:	-0.456	0.819



TARGET APPROX 1/2 SCALE

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: RE00125599

Verify Repair

Serial: C6523512 Model M24 SWS Center Fire
Caliber: 308

Repairman:

Status: Closed 2/21/2007 12:17:10 PM

Address Information

Customer: (Received From)		Return To: (Received From)	
Name:	A / 5 / 19TH SFG (A)		A / 5 / 19TH SFG (A)
Address 1:	4203 SARATOGA AVE		4203 SARATOGA AVE
Address 2:	STE# 115	PO Box:	STE# 115 PO Box:
City:	JFTB LOS ALAMITOS		JFTB LOS ALAMITOS
State:	CA Zip Code: 90720 Country: US	State:	CA Zip Code: 90720 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	Qt
A007	With Stud	3
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	2
A026	Scope	1
A045	Bi Pod	1
B000	FRONT AND REAR E	2
B001	DEPLOYMENT KIT	1

Repair Search | Refresh | Close

nagletj | 2/21/2007 | 1:32 PM | CAPS | NUM | INS | SCRL

Start | 5 Micro... | SAP Logo... | Part Sear... | Arms Ser... | 4 Inter... | 1:32 PM

Serial Number: C6523512

Model: M24 SWS

RE00125599

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6523512.__0
FILE DATE AND TIME: 03/13/2007 11:27

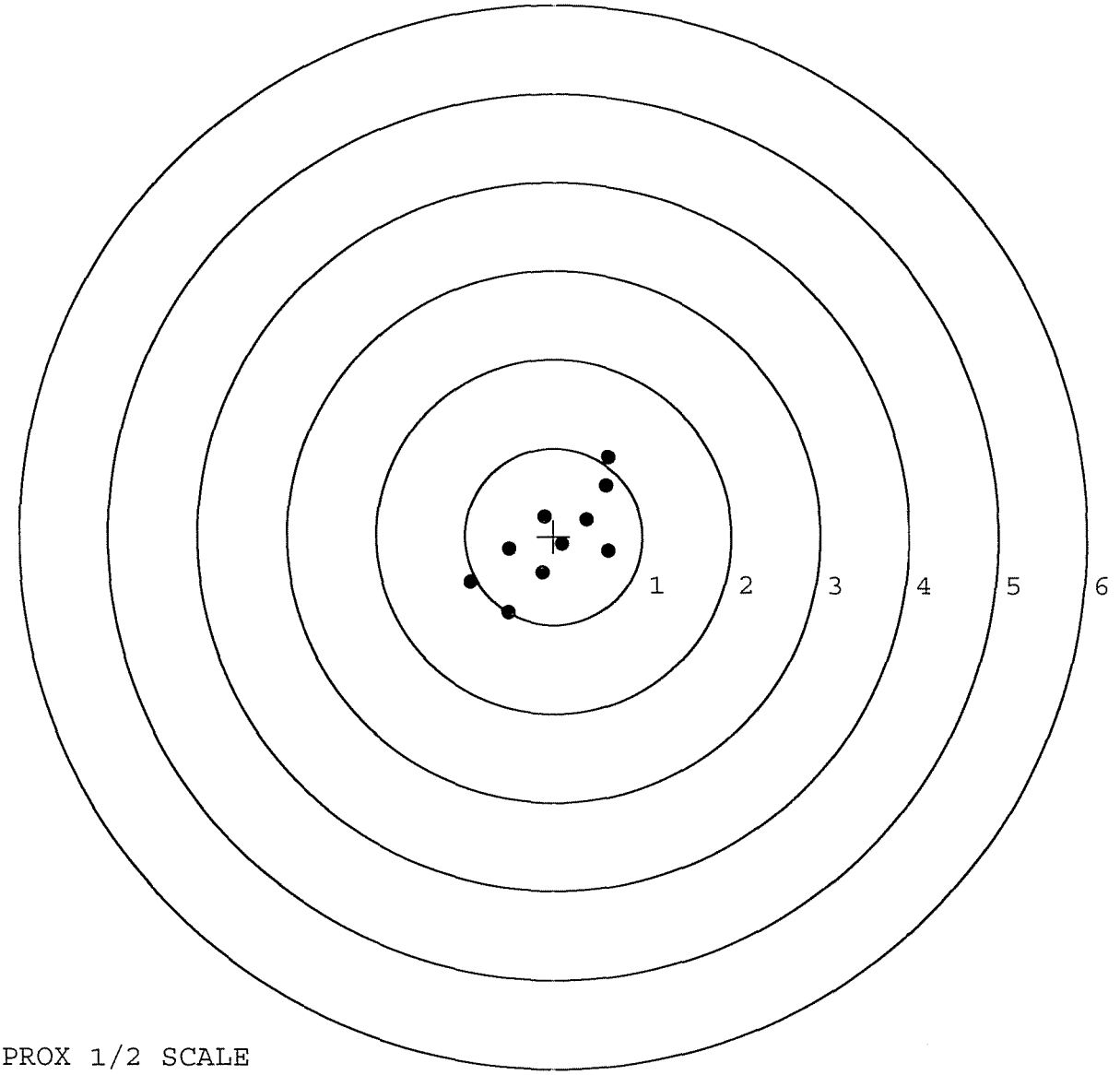
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.052
The Average Y Centroid of the Five Target Set:	-0.064
The Average Point of Impact of the Five Target Set:	0.082
The Average Mean Radius of the Five Target Set:	0.804
The Distance from POA to Centroid Target #1:	0.035
The Distance from Centroid Target #2 to Centroid Target #1:	0.393
The Distance from Centroid Target #3 to Centroid Target #1:	0.262
The Distance from Centroid Target #4 to Centroid Target #1:	0.163
The Distance from Centroid Target #5 to Centroid Target #1:	0.176

SERIAL NUMBER: C6523512.__0
TARGET NUMBER: 1
FILE DATE: 03/13/2007
FILE TIME: 11:27

X CENTROID:	0.011
Y CENTROID:	-0.033
POA TO CENTROID:	0.035
HORZ SPREAD:	1.553
VERT SPREAD:	1.778
GROUP SPREAD:	2.111
MIN RADIUS:	0.103
MAX RADIUS:	1.117
MEAN RADIUS:	0.638
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.615	-0.166
2:	0.590	0.574
3:	0.618	0.905
4:	0.375	0.190
5:	-0.105	0.223
6:	0.097	-0.089
7:	-0.129	-0.418
8:	-0.504	-0.150
9:	-0.935	-0.525
10:	-0.510	-0.873

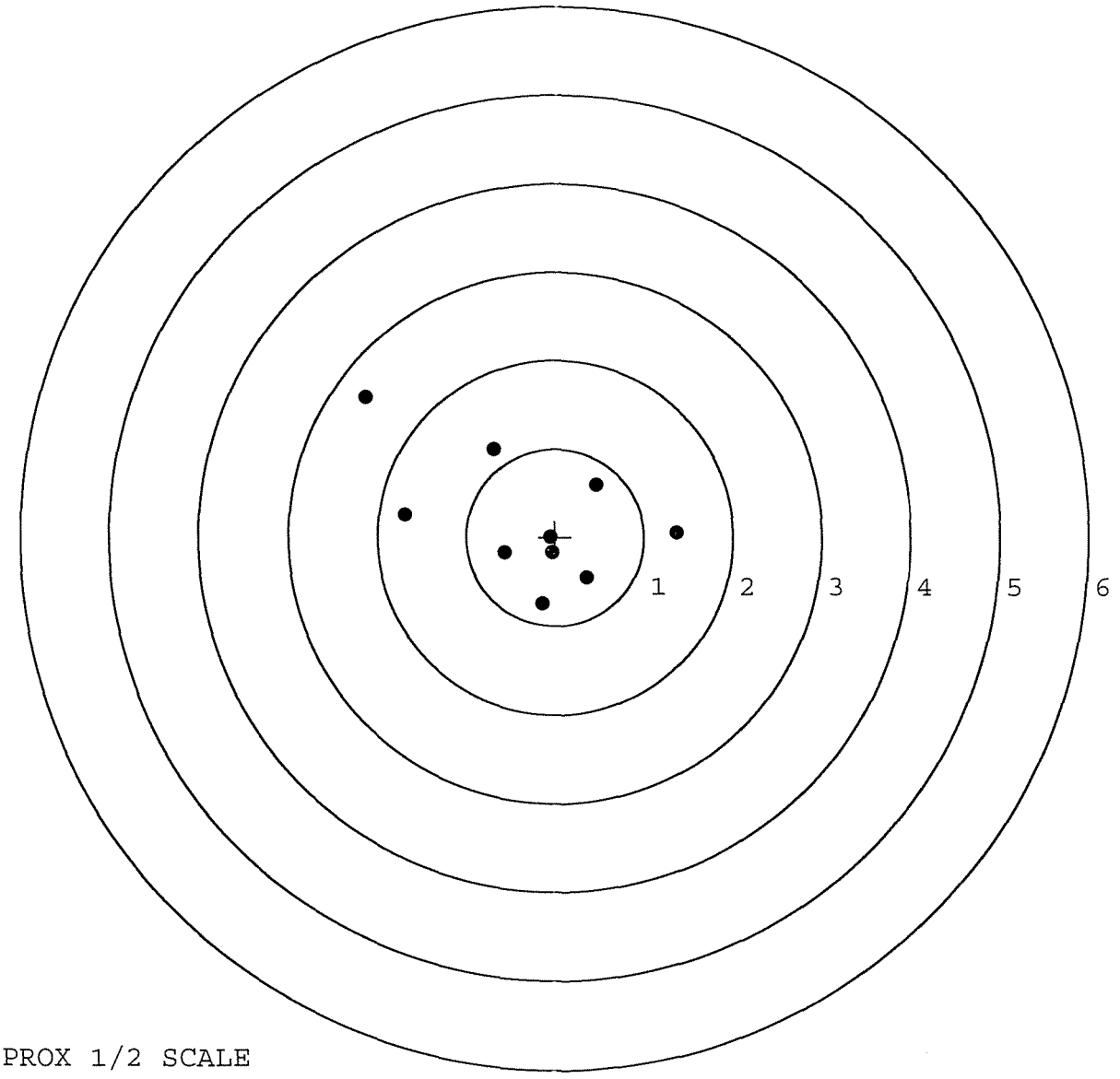


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523512.__0
TARGET NUMBER: 2
FILE DATE: 03/13/2007
FILE TIME: 11:27

X CENTROID:	-0.313
Y CENTROID:	0.190
POA TO CENTROID:	0.366
HORZ SPREAD:	3.504
VERT SPREAD:	2.328
GROUP SPREAD:	3.817
MIN RADIUS:	0.323
MAX RADIUS:	2.285
MEAN RADIUS:	1.025
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	8

POINT#	X	Y
1:	1.370	0.057
2:	0.465	0.598
3:	-0.698	0.990
4:	-2.134	1.571
5:	-1.694	0.250
6:	-0.567	-0.178
7:	-0.056	-0.006
8:	-0.037	-0.176
9:	0.362	-0.454
10:	-0.145	-0.757

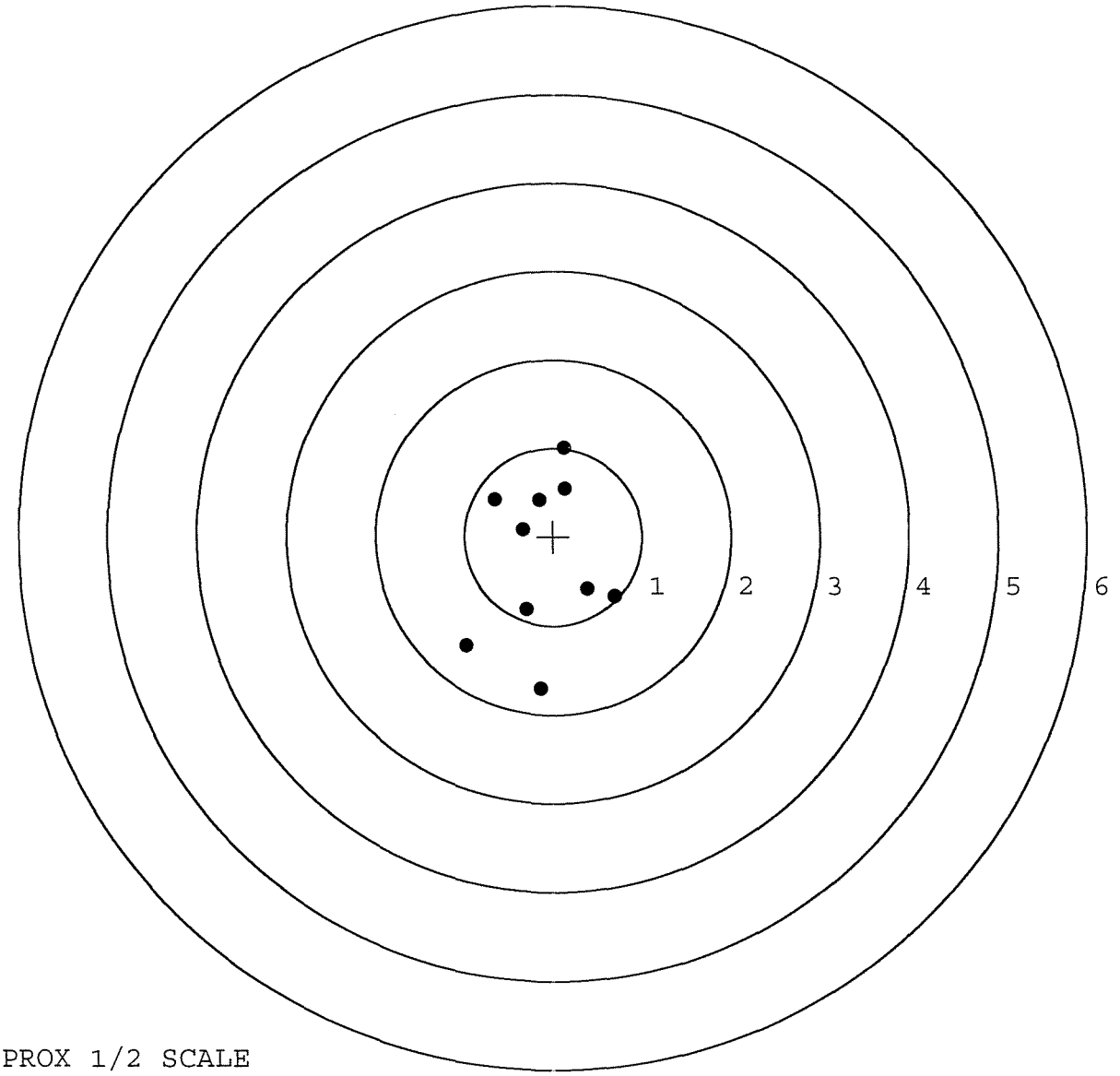


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523512.__0
TARGET NUMBER: 3
FILE DATE: 03/13/2007
FILE TIME: 11:27

X CENTROID:	-0.126
Y CENTROID:	-0.257
POA TO CENTROID:	0.286
HORZ SPREAD:	1.677
VERT SPREAD:	2.714
GROUP SPREAD:	2.727
MIN RADIUS:	0.397
MAX RADIUS:	1.453
MEAN RADIUS:	0.894
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.143	-1.710
2:	-0.981	-1.230
3:	-0.303	-0.825
4:	0.389	-0.589
5:	0.696	-0.673
6:	-0.666	0.418
7:	-0.340	0.077
8:	-0.163	0.414
9:	0.131	0.546
10:	0.125	1.004

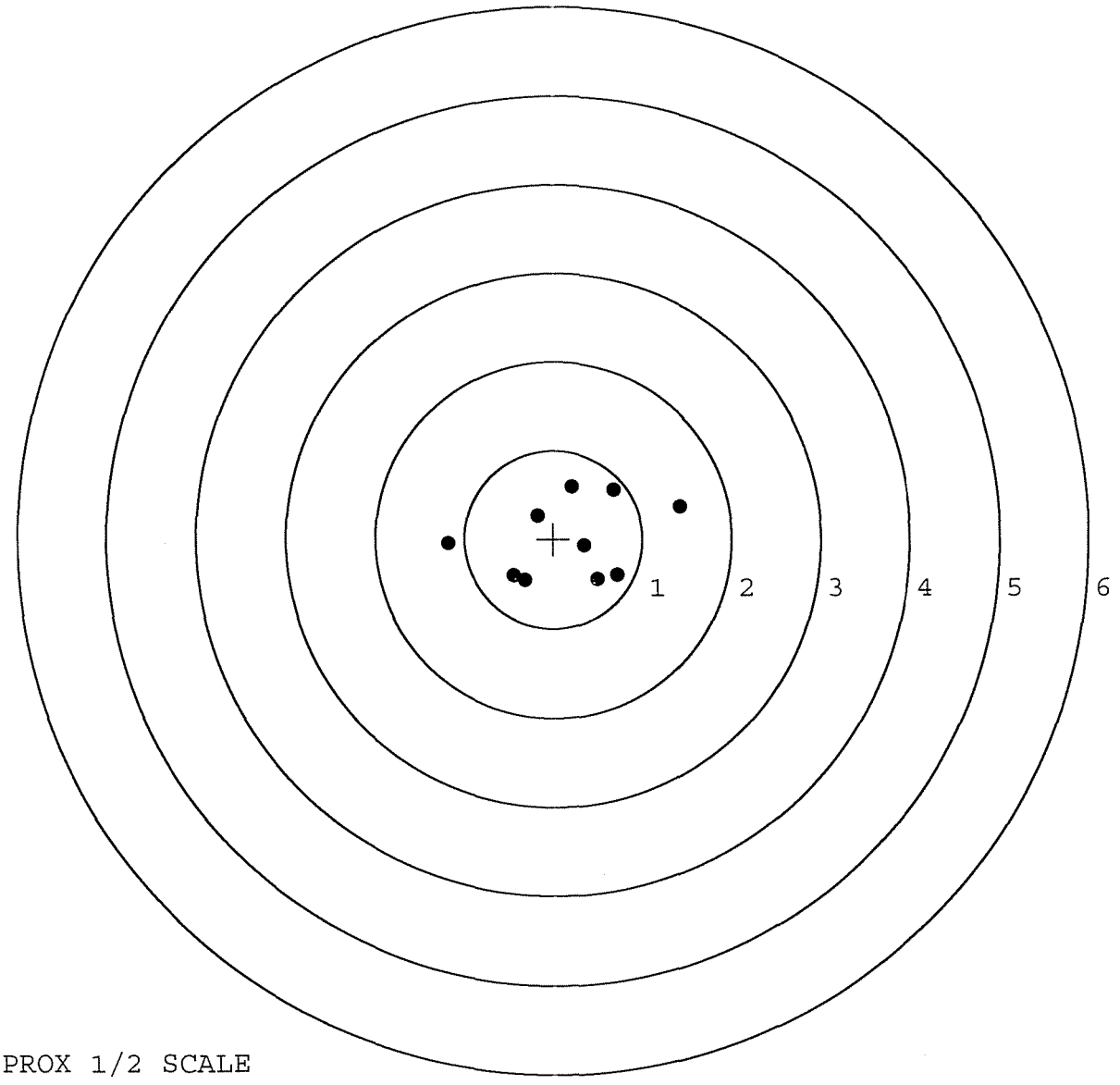


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523512.__0
TARGET NUMBER: 4
FILE DATE: 03/13/2007
FILE TIME: 11:27

X CENTROID:	0.173
Y CENTROID:	-0.012
POA TO CENTROID:	0.173
HORZ SPREAD:	2.600
VERT SPREAD:	1.063
GROUP SPREAD:	2.635
MIN RADIUS:	0.187
MAX RADIUS:	1.356
MEAN RADIUS:	0.729
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.418	0.367
2:	0.675	0.558
3:	0.210	0.591
4:	-0.180	0.261
5:	0.348	-0.077
6:	0.715	-0.408
7:	0.494	-0.460
8:	-0.321	-0.472
9:	-0.447	-0.419
10:	-1.182	-0.058

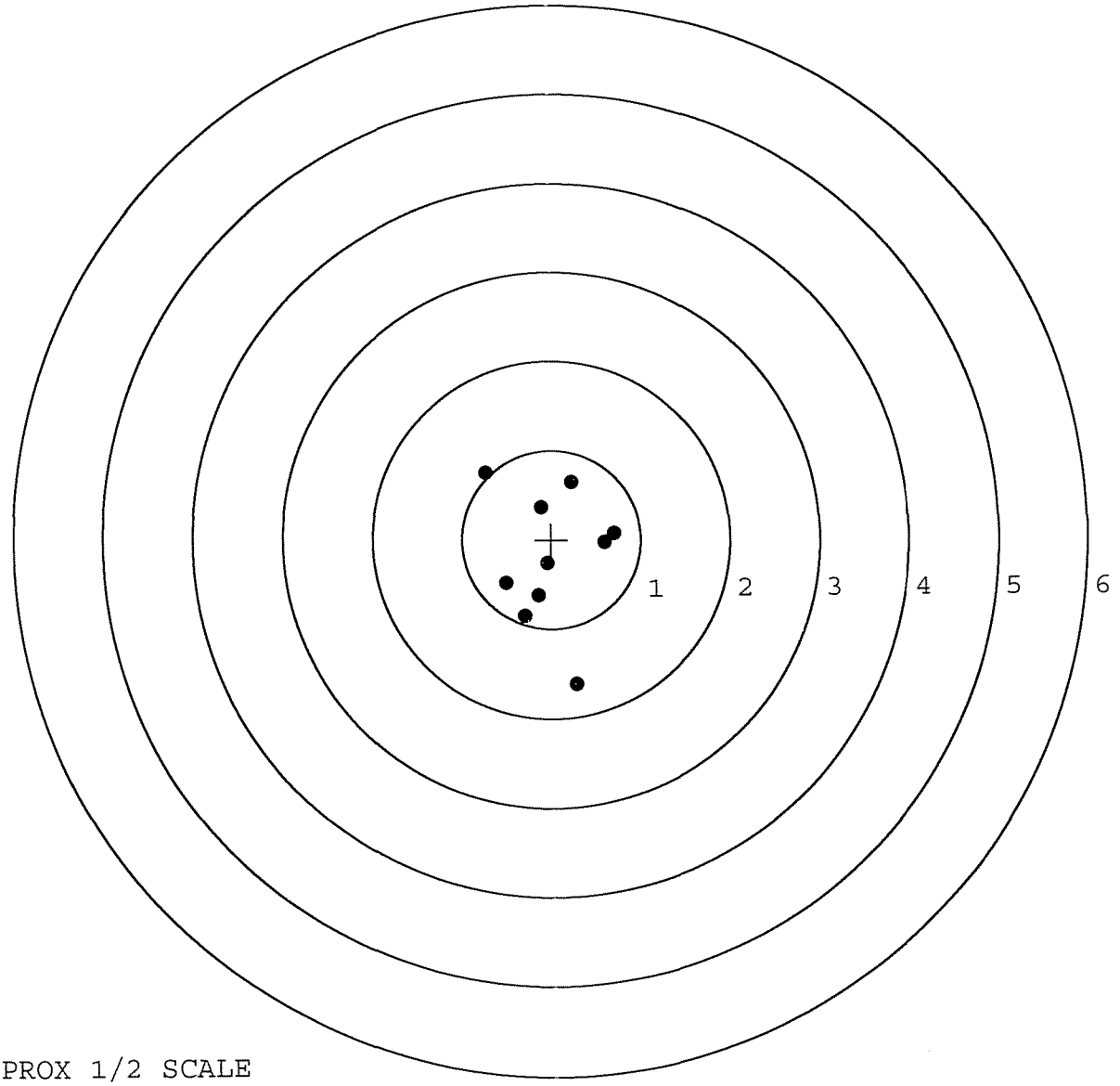


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6523512.__0
TARGET NUMBER: 5
FILE DATE: 03/13/2007
FILE TIME: 11:27

X CENTROID:	-0.004
Y CENTROID:	-0.208
POA TO CENTROID:	0.208
HORZ SPREAD:	1.439
VERT SPREAD:	2.371
GROUP SPREAD:	2.578
MIN RADIUS:	0.077
MAX RADIUS:	1.442
MEAN RADIUS:	0.733
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

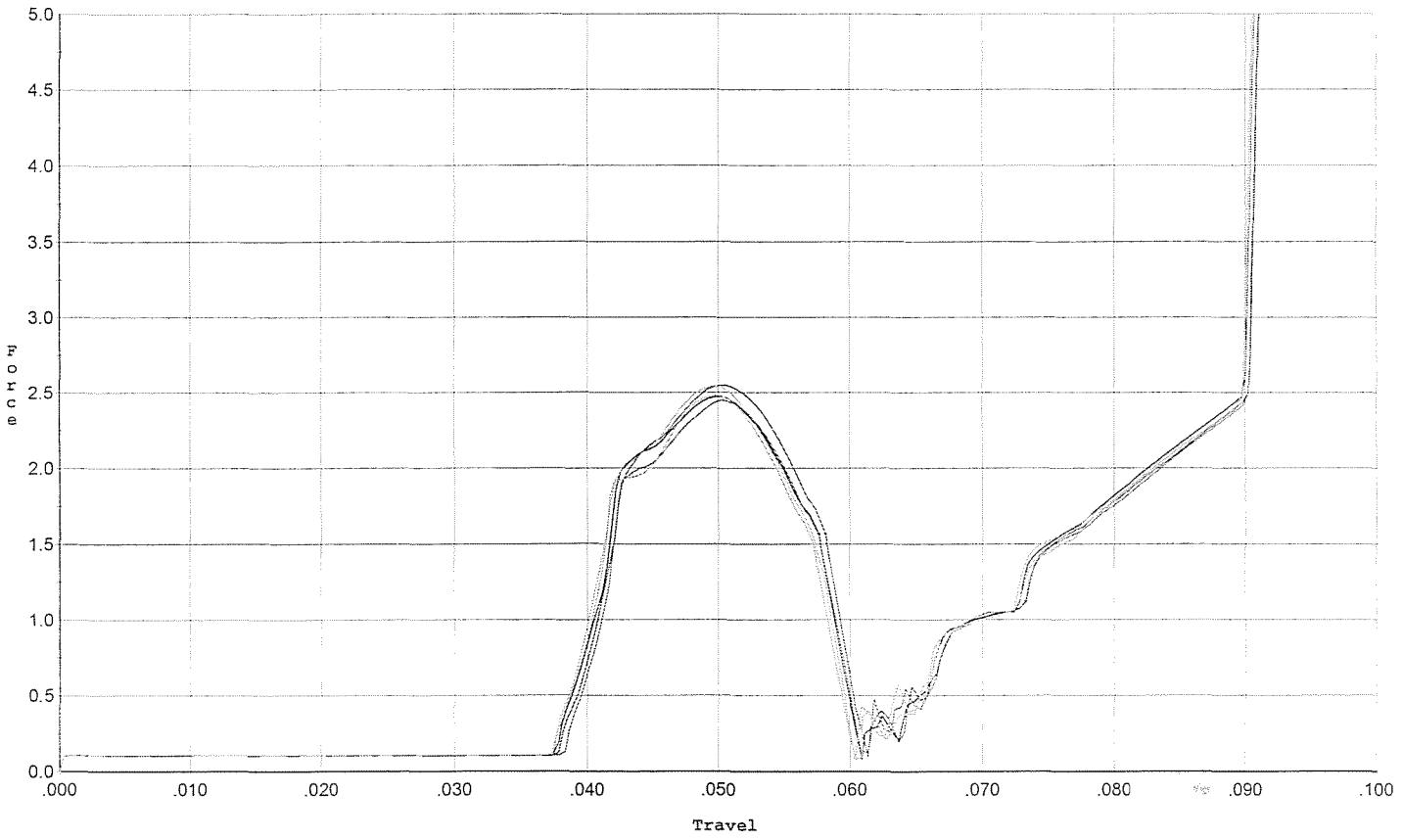
POINT#	X	Y
1:	0.278	-1.622
2:	0.597	-0.034
3:	0.705	0.071
4:	0.234	0.646
5:	-0.109	0.364
6:	-0.734	0.749
7:	-0.052	-0.269
8:	-0.512	-0.492
9:	-0.150	-0.627
10:	-0.302	-0.865



TARGET APPROX 1/2 SCALE

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. ini. +/- .50 lbs.
Note:	R. Putch 2/21/07		

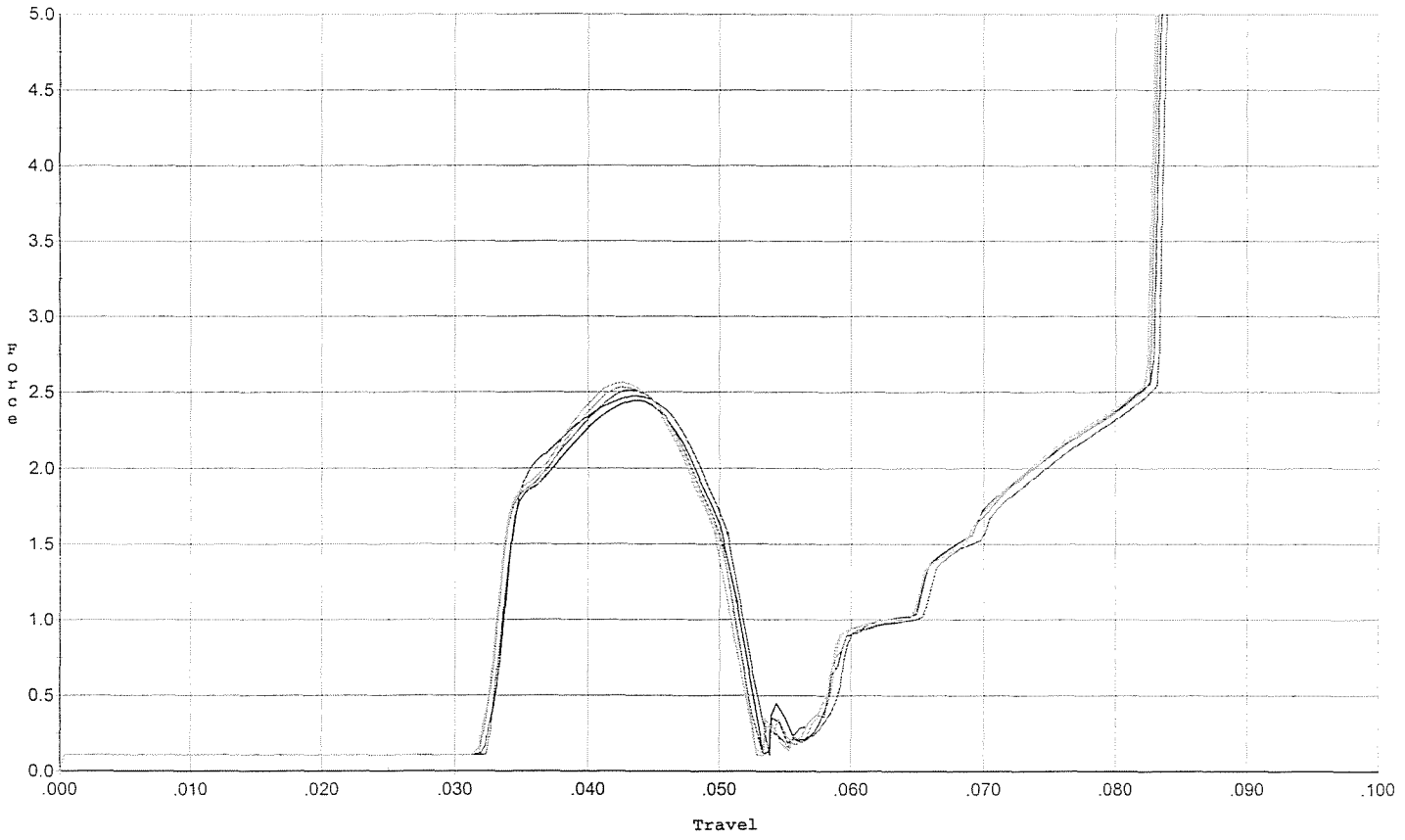


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.550	0.058	0.038	0.039	0.043		Set Trigger
2	2.473	0.058	0.038	0.039	0.042		Set Trigger
3	2.448	0.059	0.039	0.039	0.042		Set Trigger
4	2.542	0.058	0.038	0.039	0.043		Set Trigger
5	2.482	0.057	0.038	0.039	0.041		Set Trigger

Avg 2.49

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	2.5 lbs. after 50 cycles +/- .50 lbs.
Note:	R. Putch 2/21/07		

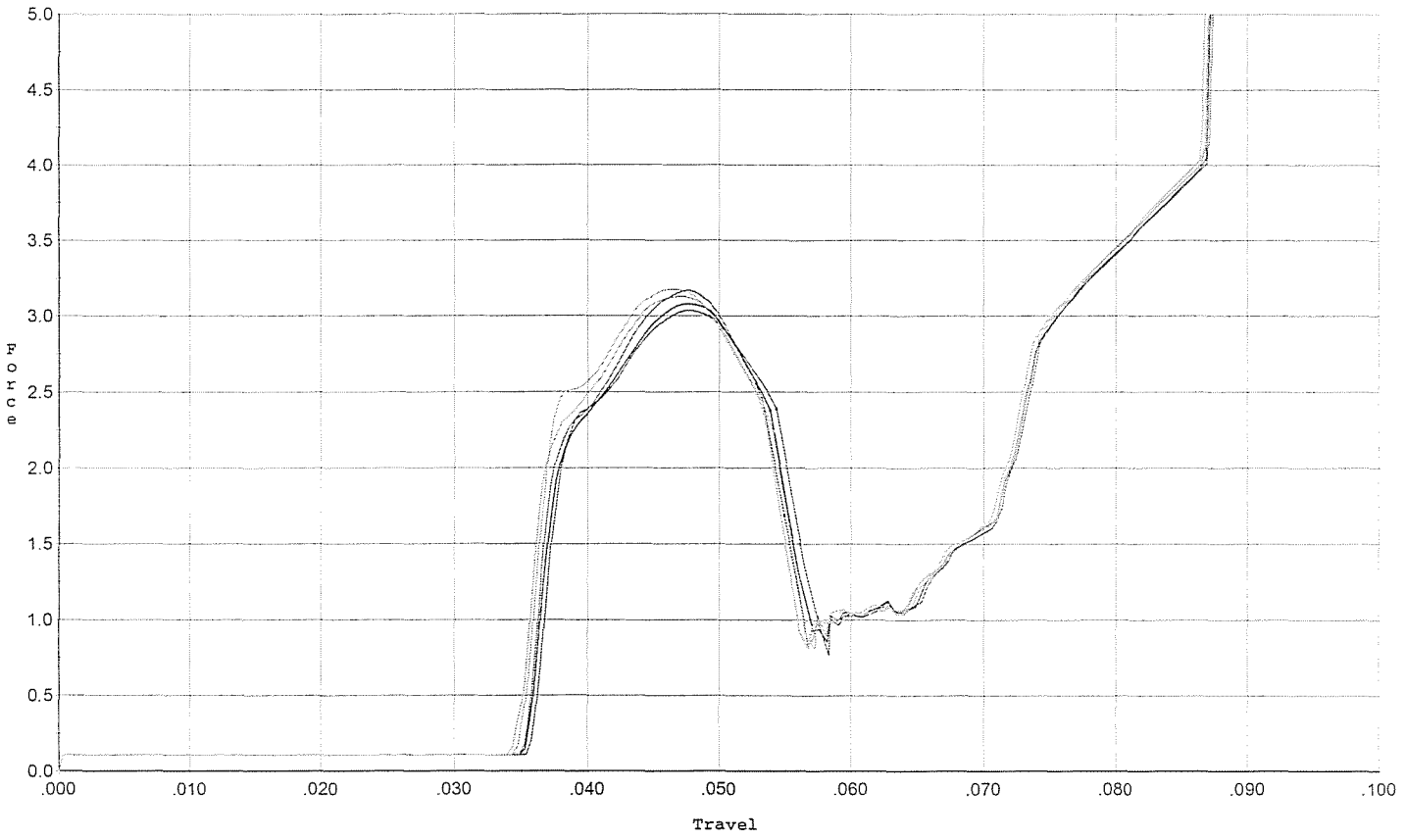


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.473	0.051	0.033	0.037	0.041		Set Trigger
2	2.445	0.051	0.032	0.037	0.040		Set Trigger
3	2.512	0.050	0.032	0.037	0.040		Set Trigger
4	2.564	0.050	0.032	0.037	0.041		Set Trigger
5	2.534	0.050	0.032	0.037	0.040		Set Trigger

Avg 2.50

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs. ini. +/- .75 lbs.
Note:	R. Putch 2/21/07		

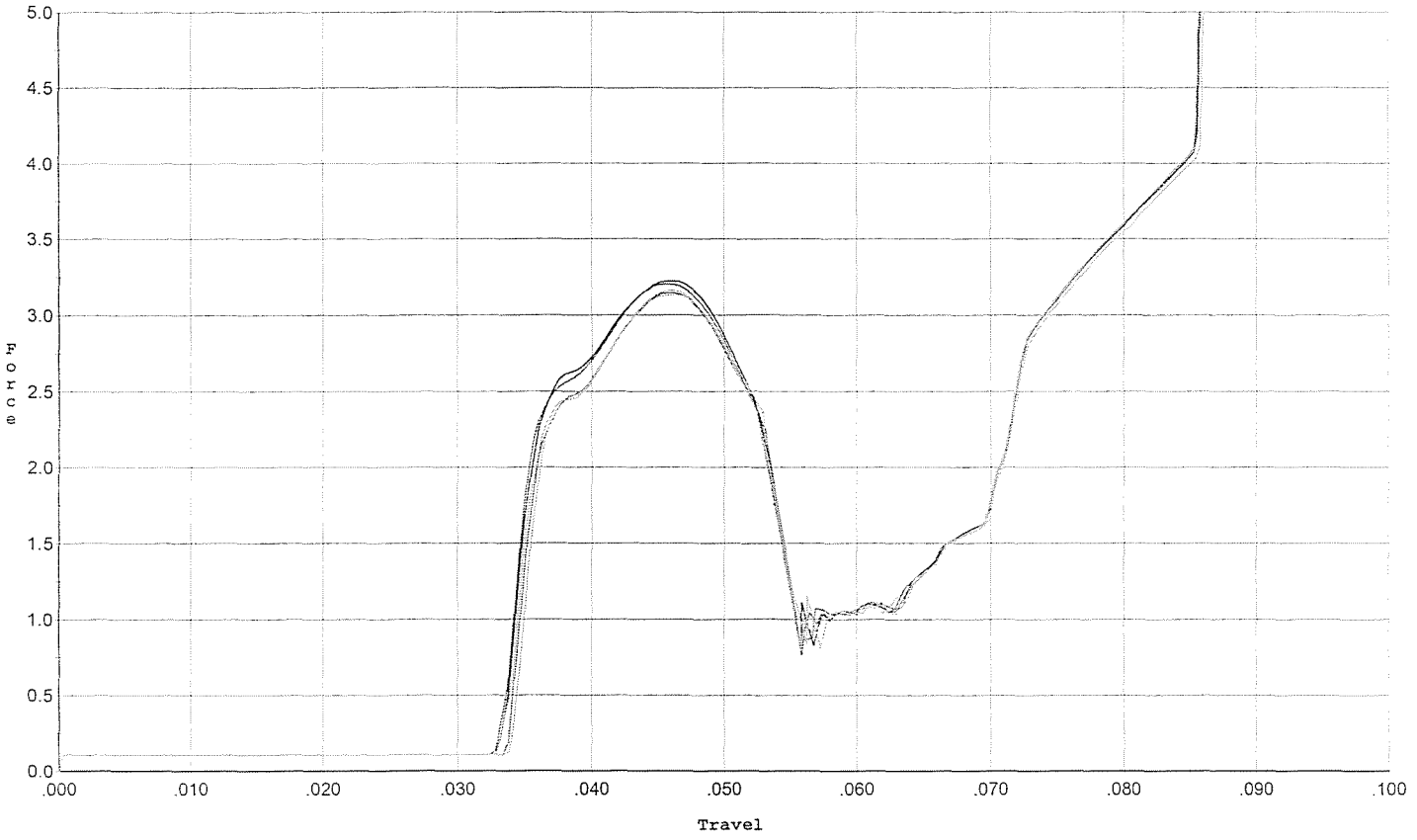


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.034	0.054	0.036	0.037	0.052		Set Trigger
2	3.077	0.054	0.036	0.037	0.052		Set Trigger
3	3.172	0.055	0.035	0.037	0.054		Set Trigger
4	3.177	0.053	0.035	0.037	0.054		Set Trigger
5	3.128	0.054	0.035	0.036	0.055		Set Trigger

Avg 3.11

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	3.0 lbs. after 20 cycles +/- .75 lbs.
Note:	R. Putch 2/21/07		

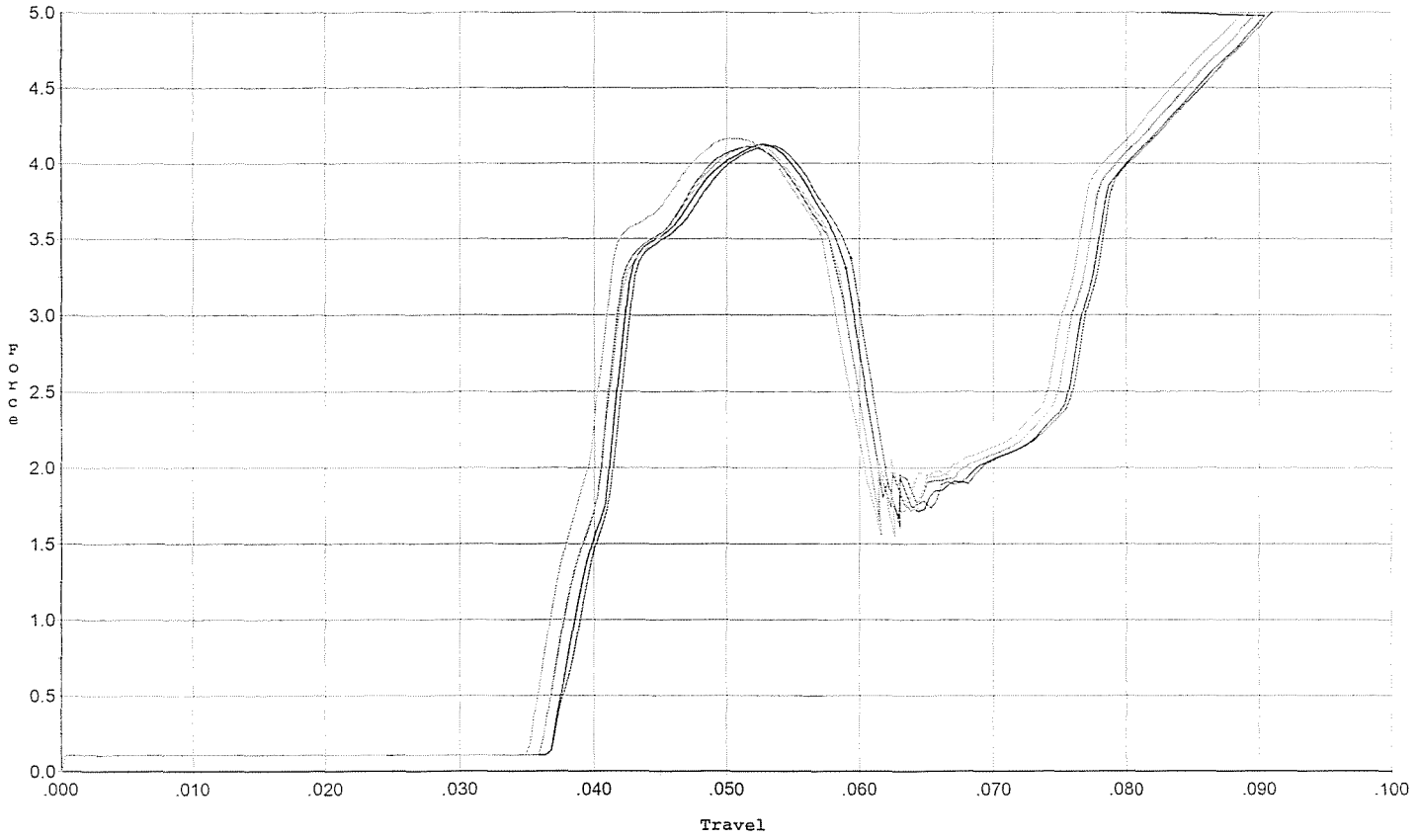


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	3.204	0.054	0.033	0.036	0.057		Set Trigger
2	3.223	0.053	0.033	0.036	0.057		Set Trigger
3	3.146	0.053	0.034	0.036	0.054		Set Trigger
4	3.131	0.053	0.034	0.036	0.054		Set Trigger
5	3.161	0.054	0.033	0.036	0.055		Set Trigger

Avg 3.17

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. ini. +/- 1.0 lbs.
Note:	R. Putch 2/21/07		



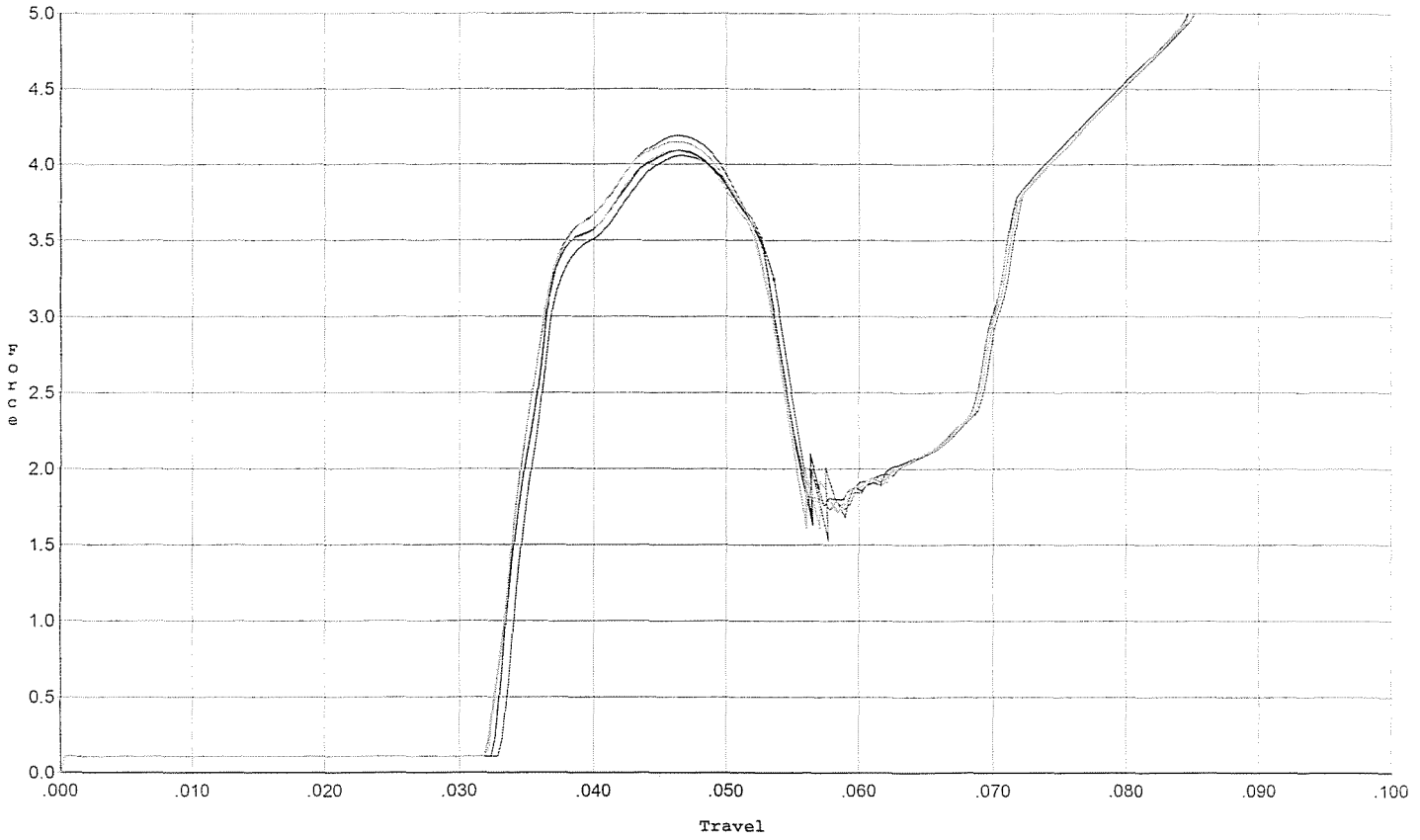
#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.116	0.059	0.037	0.037	0.078		Set Trigger
2	4.128	0.059	0.037	0.037	0.077		Set Trigger
3	4.112	0.059	0.036	0.036	0.078		Set Trigger
4	4.128	0.059	0.036	0.036	0.078		Set Trigger
5	4.166	0.057	0.035	0.036	0.078		Set Trigger

AVG 4.13

Trigger Scan 2.01 ,SN 10337, printed by Remingyton Arms Co., Inc.. 2/21/2007 10:25:03 PM

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	4.0 lbs. after 20 cycles +/- 1.0 lbs.
Note:	R. Putch 2/21/07		

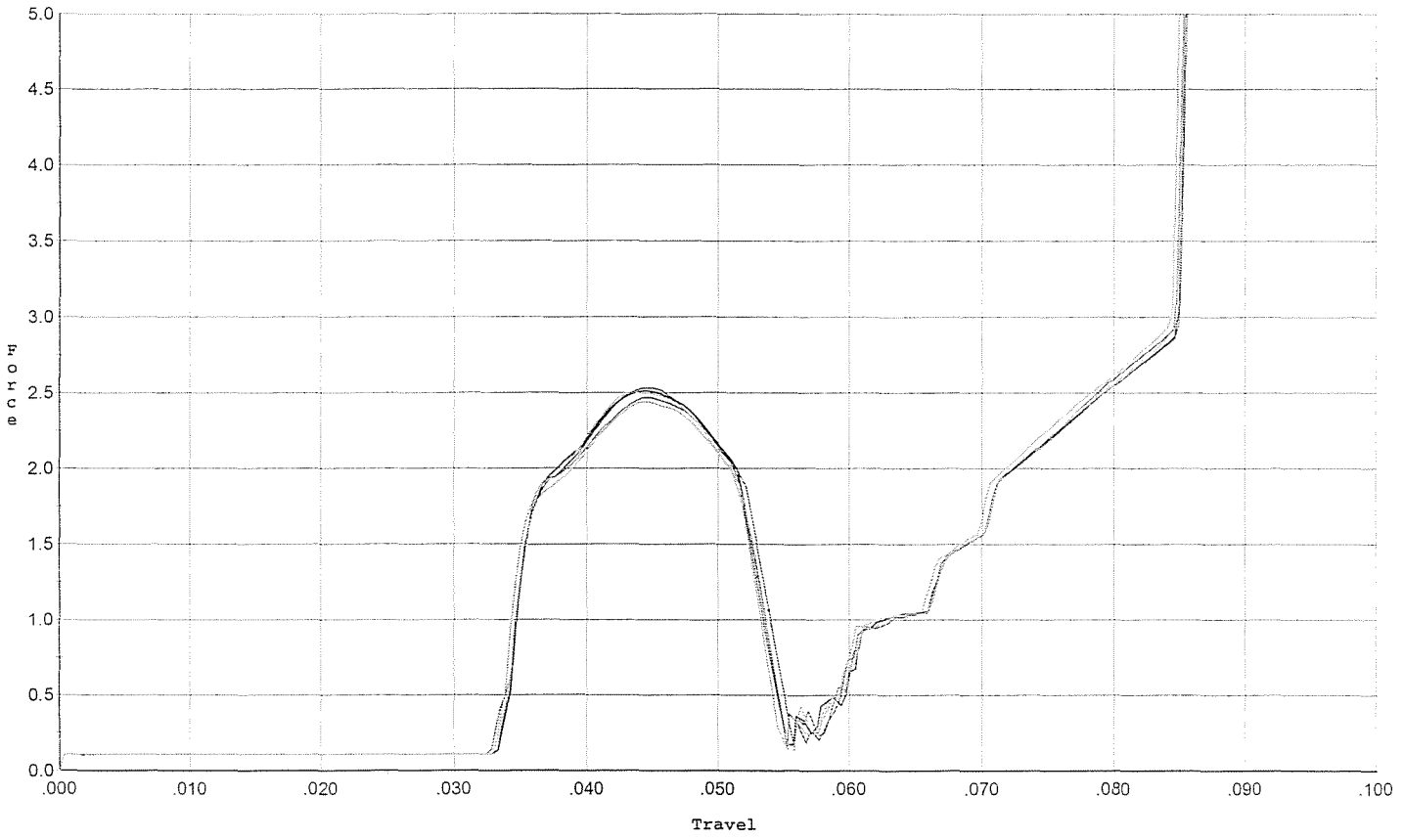


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.057	0.054	0.033	0.034	0.074		Set Trigger
2	4.092	0.053	0.033	0.034	0.074		Set Trigger
3	4.191	0.053	0.032	0.034	0.076		Set Trigger
4	4.151	0.053	0.032	0.034	0.076		Set Trigger
5	4.089	0.053	0.032	0.034	0.076		Set Trigger

Avg 4.11

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	reset to 2.5 lbs. +/- .50 lbs. for final test
Note:	R. Putch 2/21/07		

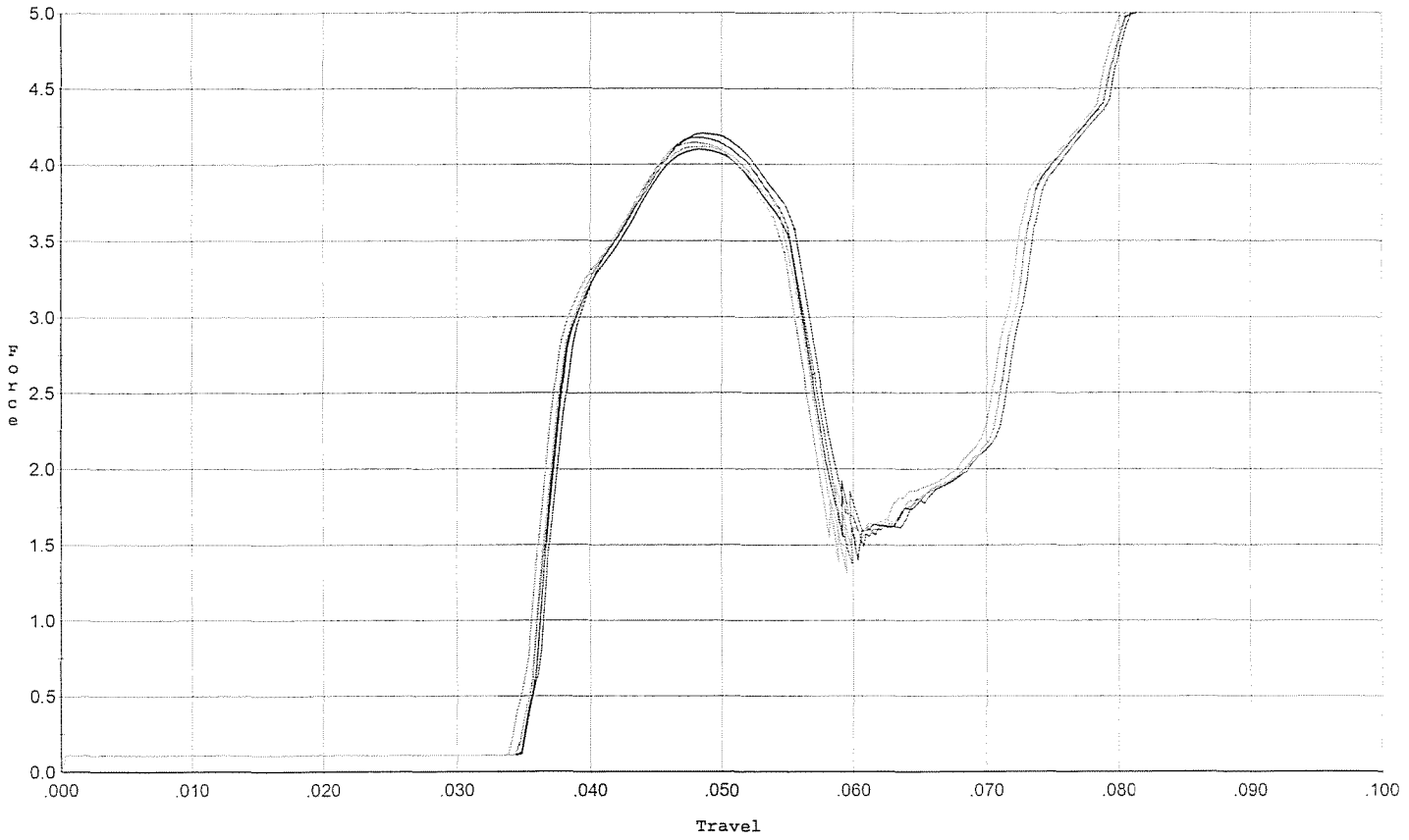


#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	2.531	0.052	0.034	0.038	0.042		Set Trigger
2	2.512	0.053	0.034	0.037	0.044		Set Trigger
3	2.469	0.054	0.033	0.037	0.044		Set Trigger
4	2.441	0.053	0.033	0.037	0.043		Set Trigger
5	2.502	0.052	0.033	0.037	0.043		Set Trigger

AVG 2.49

Trigger Profile [lbs,inch]

Profile	SWS	**Model:**	M/24
GunType:	Rifle	**Serial No:**	Form #F005
Make:	Remington	**Trigger:**	set to 4.0 lbs. +/- 1.0 lbs. for target & accuracy
Note:	R. Putch 2/21/07		



#	Peak Force	Travel To Actuate	Initial Take-up	Overtravel	Energy To Actuate	Lock Time	Action Type
1	4.204	0.056	0.035	0.035	0.077		Set Trigger
2	4.100	0.055	0.035	0.035	0.075		Set Trigger
3	4.175	0.057	0.035	0.035	0.079		Set Trigger
4	4.118	0.056	0.035	0.035	0.076		Set Trigger
5	4.145	0.055	0.034	0.035	0.075		Set Trigger

Avg 4.14

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

R & E NUMBER	125599
SERIAL NUMBER	C6523512
LOG-IN DATE	2-21-07

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		2-22-07	RTL
505	RE-BARREL		2-23-07	RTL
560	ASSEMBLE		2-23-07	RTL
600	PROOF		2-27-07	TRW
605	CHECK HEADSPACE	INSPECTED	2-27-07	TRW
610	DIS-ASSEMBLE GUN	MAR 02 2007	2-28-07	RTL
612	MAGNAFLUX	OPERATOR APD	3-2-07	APD
510	DRILL AND TAP		3-1-07	TRW
615	ROLLMARK CALIBER		3-1-07	CW
618	ROTO-BLAST		3-5-07	CB
620	APPLY COATINGS		3-8-07	WJ
625	FINAL ASSEMBLY		3-13-07	RTL
640	FUNCTION TEST AND	(PASS) FAIL		
650	TARGET	(PASS) FAIL	3-13-07	TRW
	MALFUNCTION Hower Live Rds	CORRECTION OK	3-13-07	MOM
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION	3-13-07	FM
670	FINAL INSPECTION		3/13/07	MOM
	A) HEADSPACE	(PASS) FAIL	3/13/07	MOM
	B) TRIGGER PULL (+/- .5 LBS, MIN 2.50 LBS, MAX 4.0 LBS)	2.32 2.19 2.21 2.21 2.18 3-13-07		TRW
680	F) SAFETY ON FORCE (2 LBS MIN, 10 LBS MAX)	7.75 8.0 7.75 3-13-07		TRW
	G) SAFETY OFF FORCE (2 LBS MIN)	2.75 3.0 2.75 3-13-07		TRW
	I) FIRING PIN INDENT (.020)	.024 .023 .024 3-13-07		TRW
690	PACK		3-15-07	NA

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

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

MODEL 700™ M24

SERIAL NO. C6523512

ORDER NO. 5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee. 01

5716 C6523512

UPC

0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6523512

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		8-21-90	DB
600	Proof		8-21-90	DB
607	Check Headspace		8-21-90	DB
610	Dis-assemble Gun		8-21-90	DB
612	Magnaflux Barrel Action		8/21/90	KCK
	Magnaflux Bolt		8/21/90	KCK
615	Rollmark Caliber		8/21/90	KCK
617	Drill and Tap Sight Holes		8/23/90	FB
618	Polish Barrel RB		8/23/90	WB
620	Apply Coatings (Barrel Action)		8-30-90	
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly			
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head			
	C) Inspect Ejector Hole for Chamfer			
	D) Oil Firing Pin Ass'y			
	E) Adjust Trigger Pull to Min Setting and Stake		9/15/90	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			9/15/90	WB
	G) Safety Off Force	2	2	2			9/15/90	WB
	H) Trigger Pull Test & Retainability						9/15/90	WB
	I) Firing Pin Indent	.023	.024	.0235			9/15/90	WB
	J) Assemble Stock						9/15/90	KS
	K) Assemble Swivel Studs						9/17/90	KS
	L) Attach Front and Rear Sight Assemblies						9/15/90	KA
	M) Iron Sight Alignment						9/15/90	KA
	N) Detach Front & Rear Sights & place in numbered container						9/15/90	KA
	O) Attach Scope to Rifle						9/15/90	KA
	P) Detach & Attach Scope 20 Times						9/15/90	KA
640	Gallery Target & Test						9/16/90	KT
	A) Time						9/16/90	KT
	B) Malfunctions						9/16/90	KT
	C) Pierced Primers						9/16/90	KT
	D) Optical Clearity of Scope						9/16/90	KT
645	Inspect for Live Ammo						9/16/90	KT
655	Final Inspection A) Headspace						9/17/90	KS
	B) Trigger Pull	2-04	2-05	2-08	2-11	2-13	9-17-90	JL
	C) Function						9/17/90	KS
660	Pack						9-1990	DH

SWS TRIGGER PULL TEST

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

SERIAL NO. C6523512
DATE 9/15/90
TESTER WB

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.45	2.34	2.27	2.04	MIN. SETTING,
PULL #2	2.57	2.29	2.26	2.05	NO AVG. OF 5
PULL #3	2.30	2.36	2.25	2.08	READINGS ACCEPT-
PULL #4	2.31	2.39	2.24	2.11	ABLE LESS THAN 2#
PULL #5	2.35	2.28	2.25	2.13	
TOTAL	11.98	11.66	11.27	10.41	
AVG.	2.39	2.33	2.25	2.082	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.15	3.04		
PULL #2	3.19	3.00		
PULL #3	3.17	2.99		
PULL #4	3.12	3.02		
PULL #5	3.11	3.00		
TOTAL	15.74	15.05		
AVG.	3.15	3.01		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.05	4.05		3.95
PULL #2	4.06	4.08		3.95
PULL #3	4.03	4.02		3.95
PULL #4	4.10	4.05		4.04
PULL #5	4.08	4.08		4.00
TOTAL	20.32	20.28		19.89
AVG.	2.06	2.06		3.98

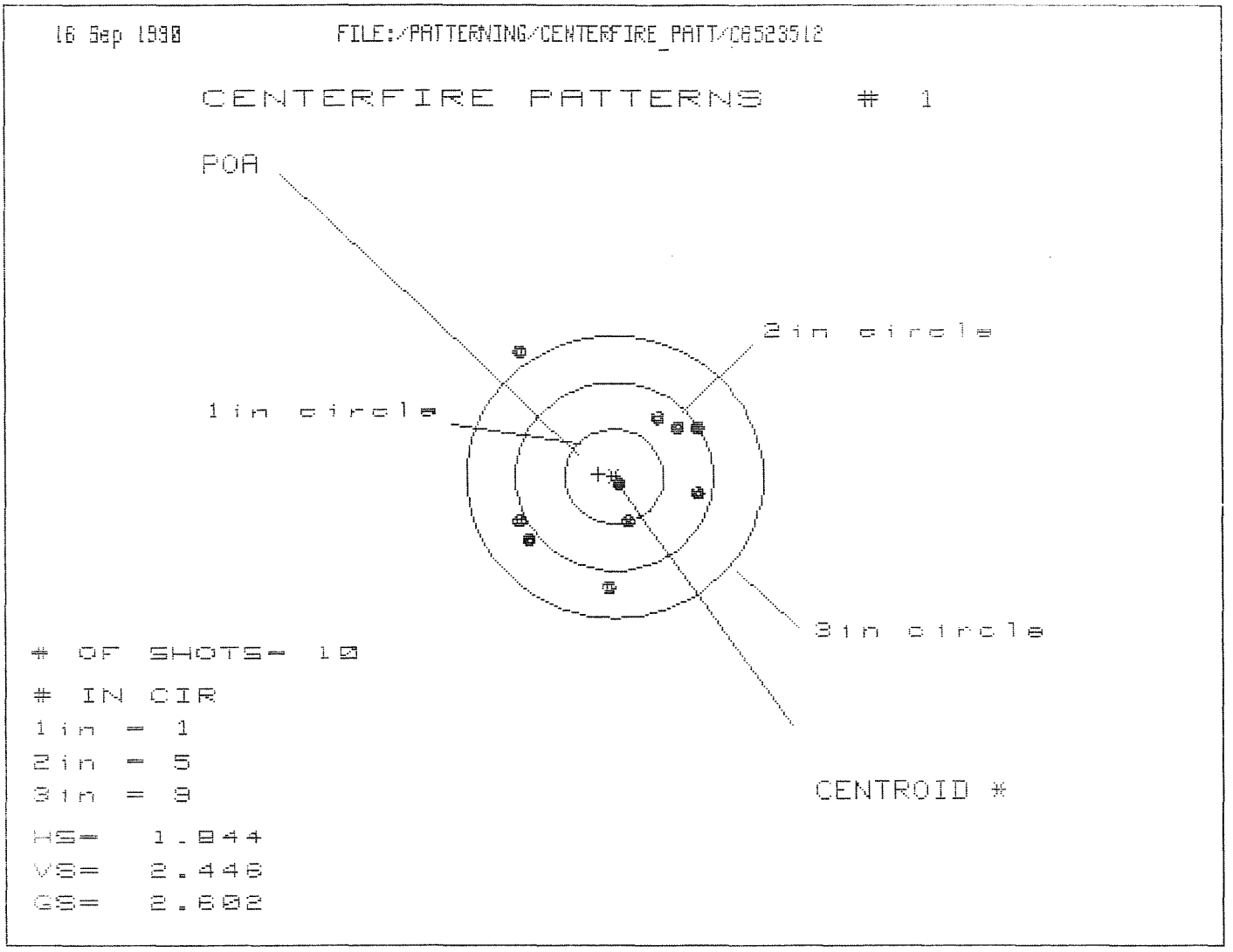
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6523512
16 Sep 1990

CENTROIDAL DISTANCES

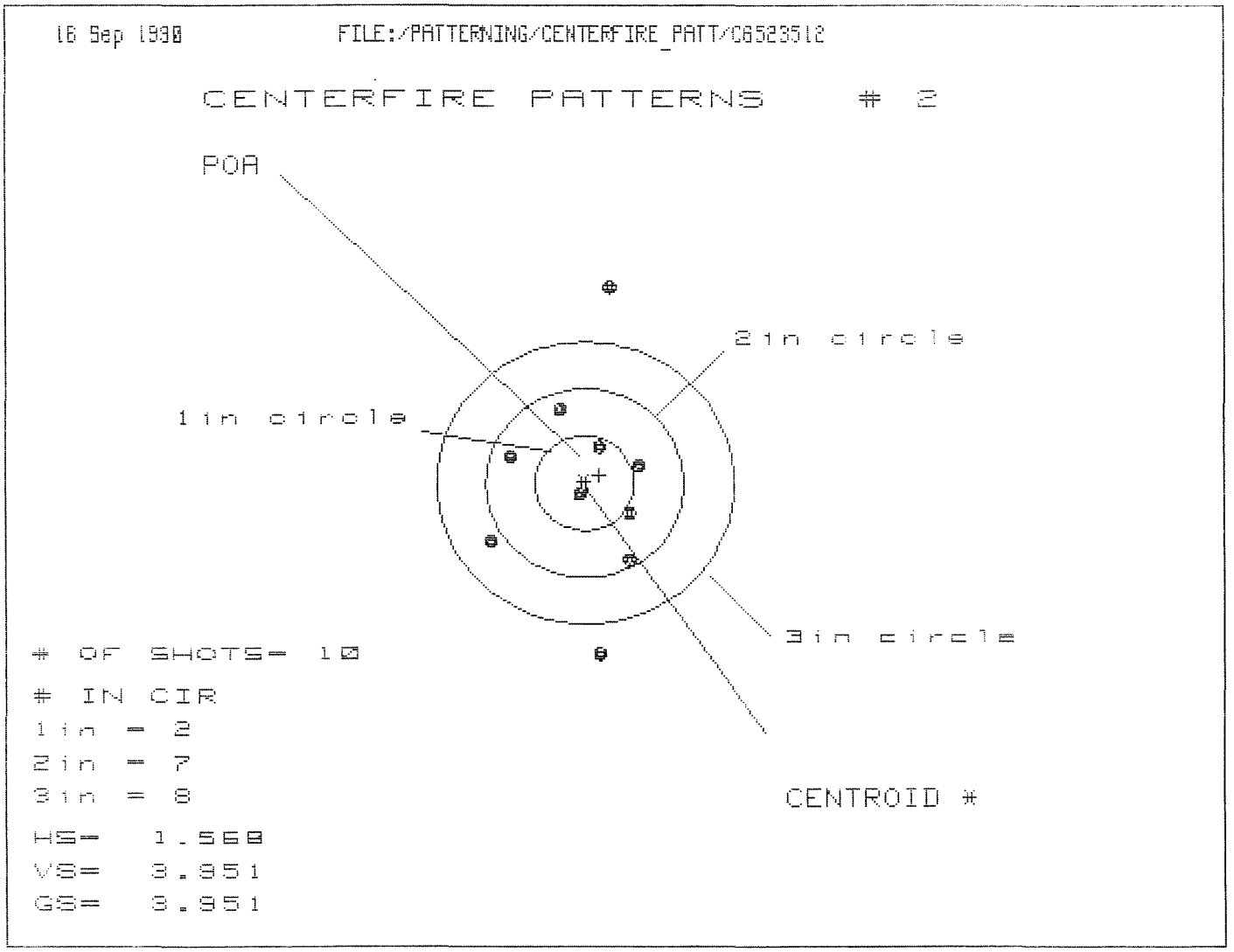
0	TO	1	.162929
1	TO	2	.313002
1	TO	3	.0774661
1	TO	4	.224183
1	TO	5	.300027

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .01
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0698
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0705127

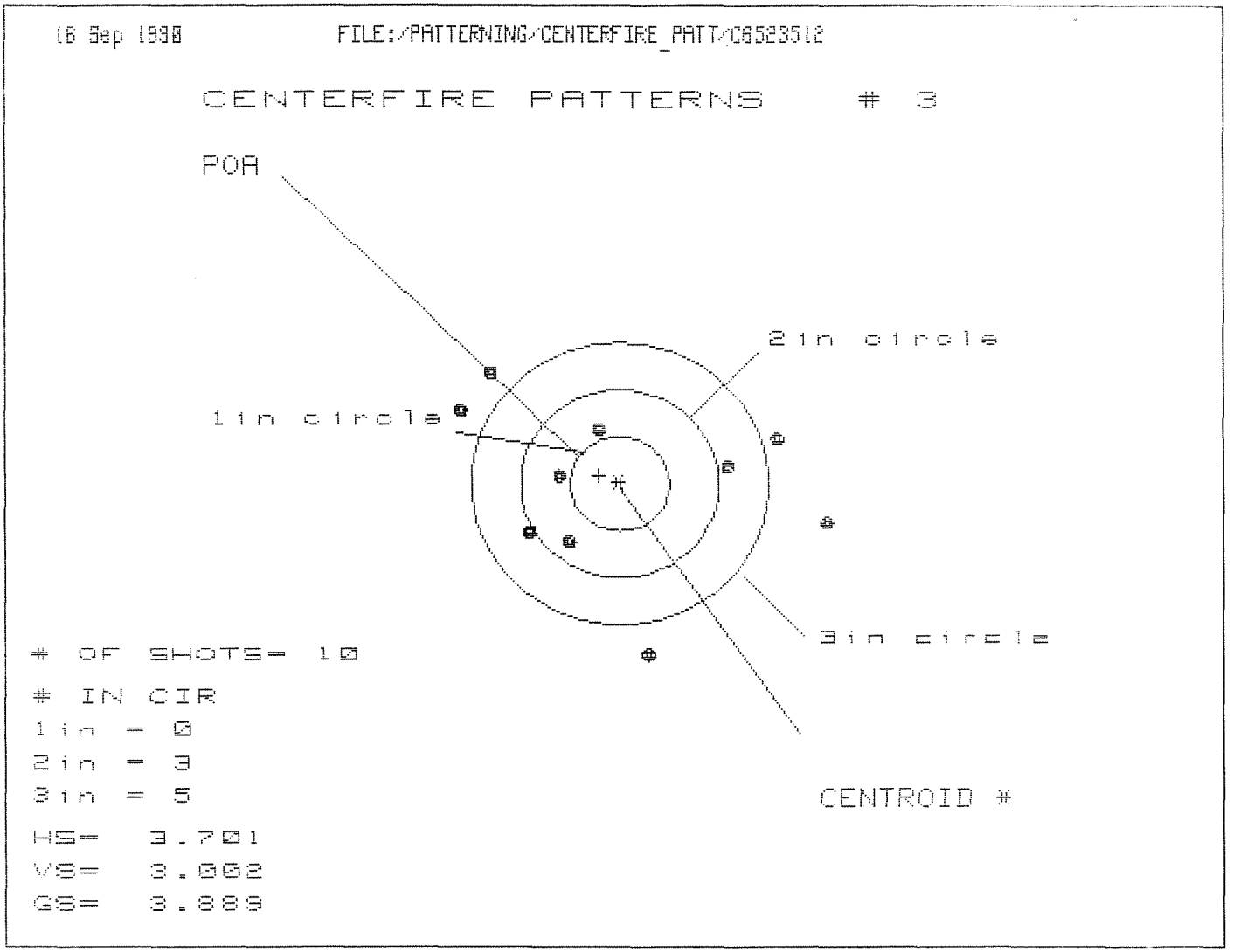
THE AMR FOR THIS RIFLE IS: 1.04



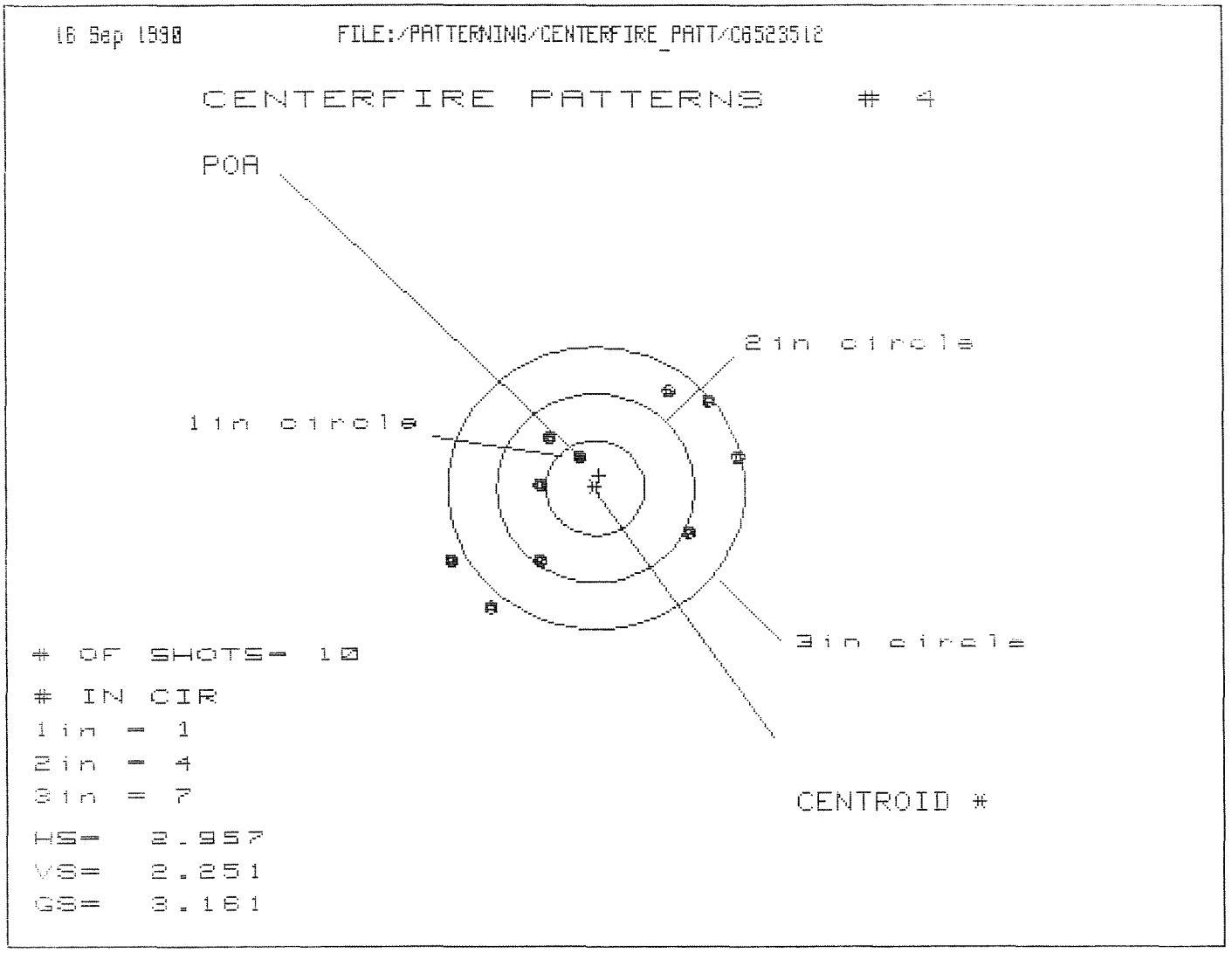
PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.863	.756	.733
MINIMUM X	:	-.981	-1.088	-1.111
MAXIMUM Y	:	1.316	.781	.658
MINIMUM Y	:	-1.130	-.984	-.679
CENTROID X	:	.161	.268	.291
CENTROID Y	:	-.025	-.171	-.048
POA TO CENTROID in.	:	.163	.318	.295
MIN RADIUS	:	.041	.157	.139
MEAN RADIUS	:	.903	.808	.773
MAX RADIUS	:	1.632	1.138	1.222
HORIZONTAL SPREAD	:	1.844	1.844	1.844
VERTICAL SPREAD	:	2.446	1.765	1.337
EXTREME SPREAD	:	2.602	2.138	2.138
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.592	.616	.643
MINIMUM X	:	-.976	-.952	-.925
MAXIMUM Y	:	2.135	.984	.787
MINIMUM Y	:	-1.816	-1.579	-.802
CENTROID X	:	-.146	-.170	-.197
CENTROID Y	:	-.086	-.323	-.126
POA TO CENTROID in.	:	.169	.365	.234
MIN RADIUS	:	.114	.150	.055
MEAN RADIUS	:	.927	.801	.662
MAX RADIUS	:	2.146	1.594	1.077
HORIZONTAL SPREAD	:	1.568	1.568	1.568
VERTICAL SPREAD	:	3.951	2.563	1.589
EXTREME SPREAD	:	3.951	2.594	1.731
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	



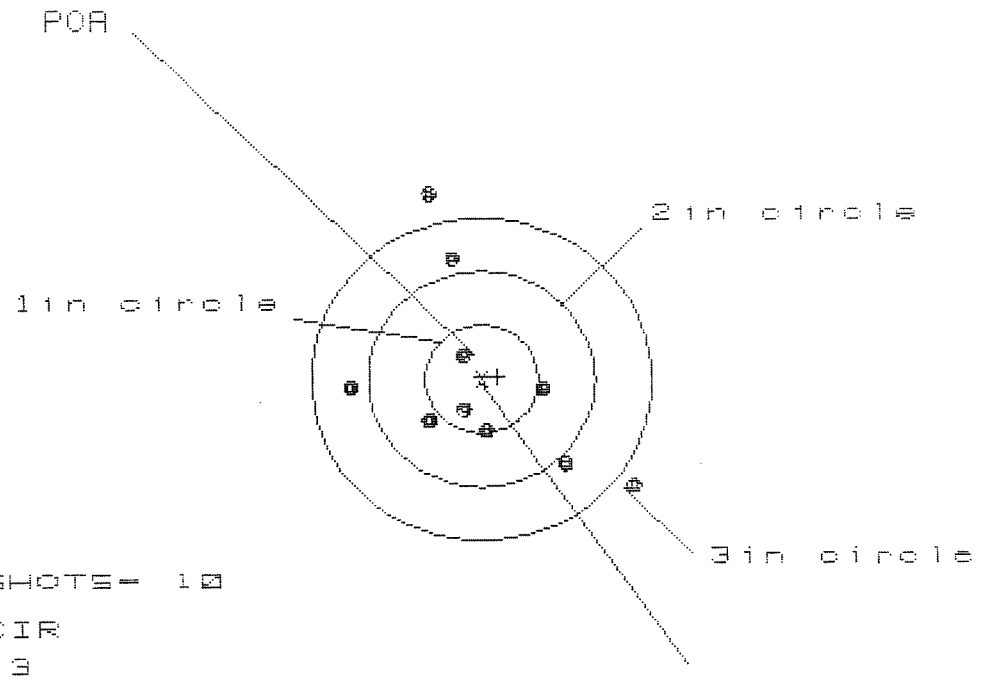
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	2.079	1.842	1.911
MINIMUM X	:	-1.622	-1.391	-1.322
MAXIMUM Y	:	1.215	1.172	.943
MINIMUM Y	:	-1.787	-1.830	-.929
CENTROID X	:	.210	-.021	-.090
CENTROID Y	:	-.085	-.042	.187
POA TO CENTROID in.	:	.227	.047	.208
MIN RADIUS	:	.621	.389	.360
MEAN RADIUS	:	1.346	1.213	1.104
MAX RADIUS	:	2.115	1.912	1.924
HORIZONTAL SPREAD	:	3.701	3.233	3.233
VERTICAL SPREAD	:	3.002	3.002	1.872
EXTREME SPREAD	:	3.889	3.406	3.248
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		5	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.468	1.303	1.152
MINIMUM X	:	-1.489	-1.207	-.926
MAXIMUM Y	:	1.002	.918	.751
MINIMUM Y	:	-1.249	-1.333	-1.000
CENTROID X	:	-.036	.129	.280
CENTROID Y	:	-.132	-.048	.119
POA TO CENTROID in.	:	.137	.138	.304
MIN RADIUS	:	.397	.448	.525
MEAN RADIUS	:	1.123	1.061	.957
MAX RADIUS	:	1.670	1.798	1.363
HORIZONTAL SPREAD	:	2.957	2.510	2.078
VERTICAL SPREAD	:	2.251	2.251	1.751
EXTREME SPREAD	:	3.161	3.083	2.426
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

16 Sep 1998 FILE:/PATTERNING/CENTERFIRE_PATT/C6523512

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

# IN CIR
1in = 3
2in = 5
3in = 8

HS= 2.492
VS= 2.670
GS= 3.234

PATTERN # : 5

SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.353	1.300	.820
MINIMUM X :	-1.139	-1.192	-1.029
MAXIMUM Y :	1.677	1.332	1.231
MINIMUM Y :	-.993	-.806	-.650
CENTROID X :	-.139	-.086	-.249
CENTROID Y :	-.021	-.208	-.107
POA TO CENTROID in.:	.140	.225	.271
MIN RADIUS :	.284	.228	.235
MEAN RADIUS :	.900	.775	.672
MAX RADIUS :	1.742	1.530	1.243
HORIZONTAL SPREAD :	2.492	2.492	1.849
VERTICAL SPREAD :	2.670	2.138	1.881
EXTREME SPREAD :	3.234	2.694	2.128
NUMBER IN ONE INCH CIRCLE =		3	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	