

C6348778

MODEL 700TM M24

Model SMSTM

Action

Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington[®]

8-1-89

MOD. _____ GA. _____ GUN _____
 CAL. _____ # 26348778

#	DATE	MALFUNCTION/DEFECT	ASSEM. #
TEST	1st	<i>shock Brass</i>	
	2nd	<i>Ream Ejector Able + Polish Ejector</i>	
<i>8/14/89</i>			
	3rd		
	4th		
		FUNCTION	RD 6654 Rev 1

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF		
TEST		
TGT		
PROOF	100 R/LZ DA OK 8/14/89	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

INTERCHANGEABILITY

M-24

SCOPE 0713

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6348778

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	QUALITY AUDIT	7 25 89	RW
600	Proof		7 25 89	RW
607	Check Headspace			RW
610	Dis-assemble Gun			RW
612	Magnaflux Barrel Action		7/26/89	KK
	Magnaflux Bolt		7/26/89	KK
615	Rollmark Caliber		7/26/89	RWB
617	Drill and Tap Sight Holes		7/27/89	WB
618	Polish Barrel RB		7/31/89	WB
620	Apply Coatings (Barrel Action)		8/2/89	TJA
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		8/7/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/7/89	RW
	C) Inspect Ejector Hole for Chamfer		8/7/89	RW
	D) Oil Firing Pin Ass'y		8/7/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/8/89	JD

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4	5	5	8 Aug 89	JS
	G) Safety Off Force	4	4	4	8 Aug 89	JS
	H) Trigger Pull Test & Retainability				8 Aug 89	JS
	I) Firing Pin Indent	.020	.0205	.021	8 Aug 89	JS
	J) Assemble Stock				8/9/89	RW
	K) Assemble Swivel Studs				16 Aug 89	JS
	L) Attach Front and Rear Sight Assemblies				8/9/89	RW
	M) Iron Sight Alignment				8/9/89	RW
	N) Detach Front & Rear Sights & place in numbered container				8/9/89	RW
	O) Attach Scope to Rifle				10 Aug 89	JS
	P) Detach & Attach Scope 20 Times				10 Aug 89	JS
640	Gallery Target & Test	93 R	57 L		8-11-89	AC
	A) Time				8-11-89	AC
	B) Malfunctions				8-11-89	AC
	C) Pierced Primers				8-11-89	AC
	D) Optical Clarity of Scope				8-11-89	AC
645	Inspect for Live Ammo				8-11-89	AC
655	Final Inspection					
	A) Headspace				16 Aug 89	JS
	B) Trigger Pull	2.63	2.74	2.72	16 Aug 89	JS
	C) Function				16 Aug 89	JS
660	Pack				19 Sep 89	JS

Remington



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

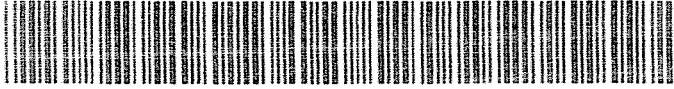
MODEL 700™ H24

SERIAL NO.
C6348778

ORDER NO.
5716

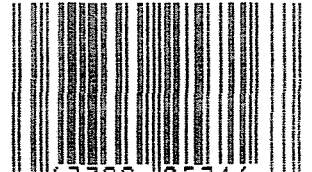
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01



5716 C6348778

UPC



0 47700 25716 7

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6348778

DATE 11/1/90

TESTER W.B.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.33	2.35	2.36		MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.42	2.42	2.36		
PULL #3	2.44	2.38	2.47		
PULL #4	2.37	2.35	2.45		
PULL #5	2.40	2.37	2.42		
TOTAL	11.96	11.87	12.06		
AVG.	2.39	2.37	2.41		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.26	3.20		
PULL #2	3.22	3.24		
PULL #3	3.23	3.26		
PULL #4	3.22	3.23		
PULL #5	3.32	3.30		
TOTAL	16.25	16.23		
AVG.	3.25	3.24		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.28	4.20		
PULL #2	4.25	4.19		
PULL #3	4.25	4.17		
PULL #4	4.24	4.16		
PULL #5	4.25	4.22		
TOTAL	21.27	20.94		
AVG.	4.25	4.19		

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 47028			
SERIAL NUMBER C634 8778			
LOG-IN DATE 5/21/02			
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	5/22/02	RL
560 A	RE-BARREL AT CUSTOM SHOP	5/22/02	BWT
B	DRILL AND TAP	5/22/02	BWT
C	POLISH		
575	ASSEMBLE	5/22/02	RW
600	PROOF	5/22/02	RW
605	CHECK HEADSPACE	5/22/02	RW
610	DIS-ASSEMBLE GUN	5/22/02	RW
612	MAGNAFLUX		
615	ROLLMARK CALIBER	5/22/02	RW
618	ROTO-BLAST	5/31/02	KO
620	APPLY COATINGS	6-3	TA
625 A	FINAL ASSEMBLY	6/3/02	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6/14/02	TRW
655	FINAL INSPECT	6/18/02	RW
660	PACK	6-20-02	RA
		SHIP DATE	
		QAR INSPECTION DATE	

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348778.___0
FILE DATE AND TIME: 06/18/2002 13:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.064
The Average Y Centroid of the Five Target Set:	-0.148
The Average Point of Impact of the Five Target Set:	0.161
The Average Mean Radius of the Five Target Set:	0.506
The Distance from POA to Centroid Target #1:	0.180
The Distance from Centroid Target #2 to Centroid Target #1:	0.128
The Distance from Centroid Target #3 to Centroid Target #1:	0.352
The Distance from Centroid Target #4 to Centroid Target #1:	0.172
The Distance from Centroid Target #5 to Centroid Target #1:	0.084

SERIAL NUMBER: C6348778.___0

TARGET NUMBER: 1

FILE DATE: 06/18/2002

FILE TIME: 13:47

POINT#	X	Y
1:	-0.093	-0.820
2:	0.212	-0.565
3:	0.172	-0.392
4:	0.564	-0.238
5:	-0.435	-0.284
6:	0.124	0.508
7:	-0.209	0.579
8:	-0.566	0.442
9:	-1.777	0.267
10:	0.424	-0.361

X CENTROID: -0.158

Y CENTROID: -0.086

POA TO CENTROID: 0.180

HORZ SPREAD: 2.341

VERT SPREAD: 1.399

GROUP SPREAD: 2.395

MIN RADIUS: 0.340

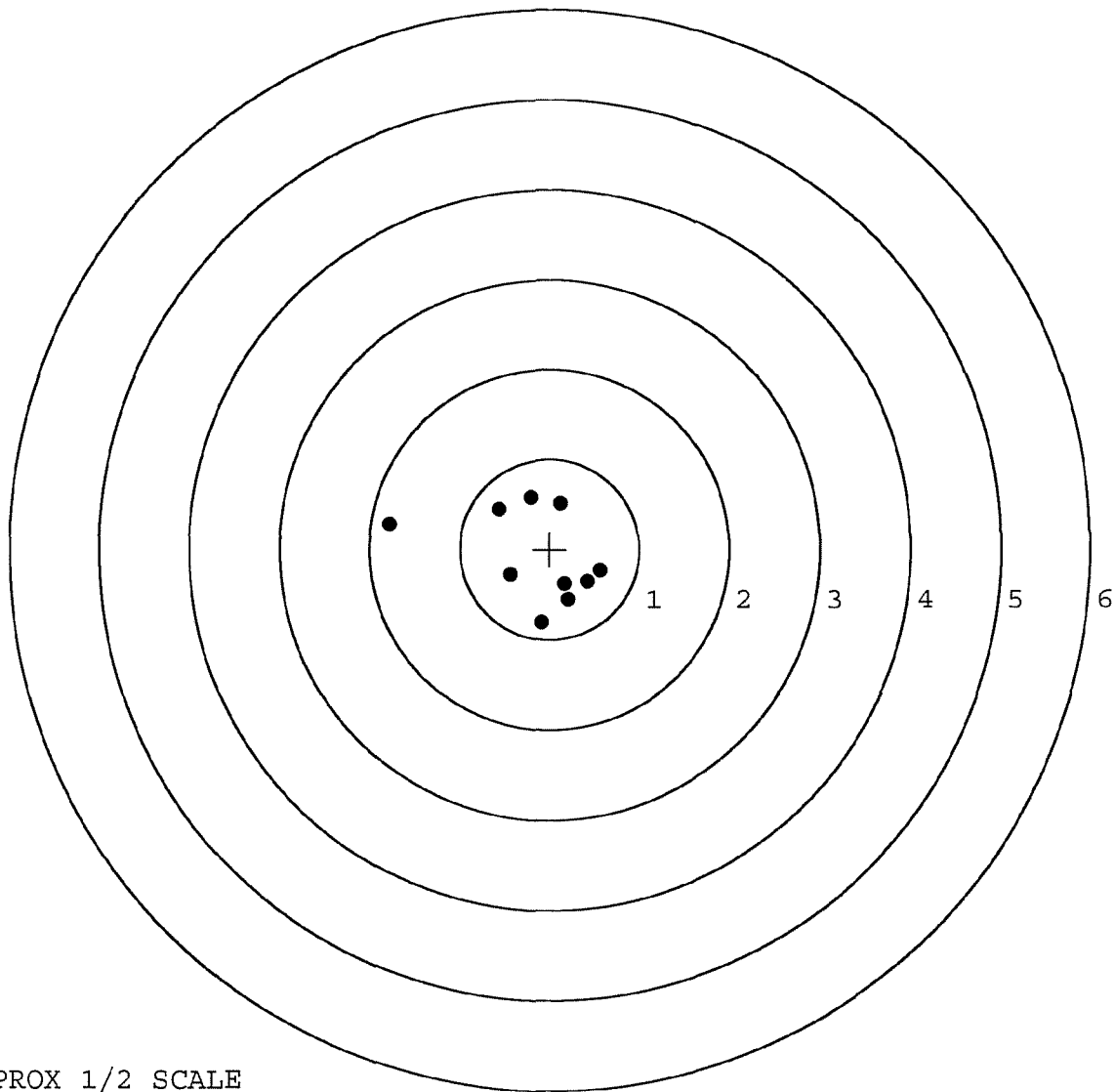
MAX RADIUS: 1.657

MEAN RADIUS: 0.716

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 9

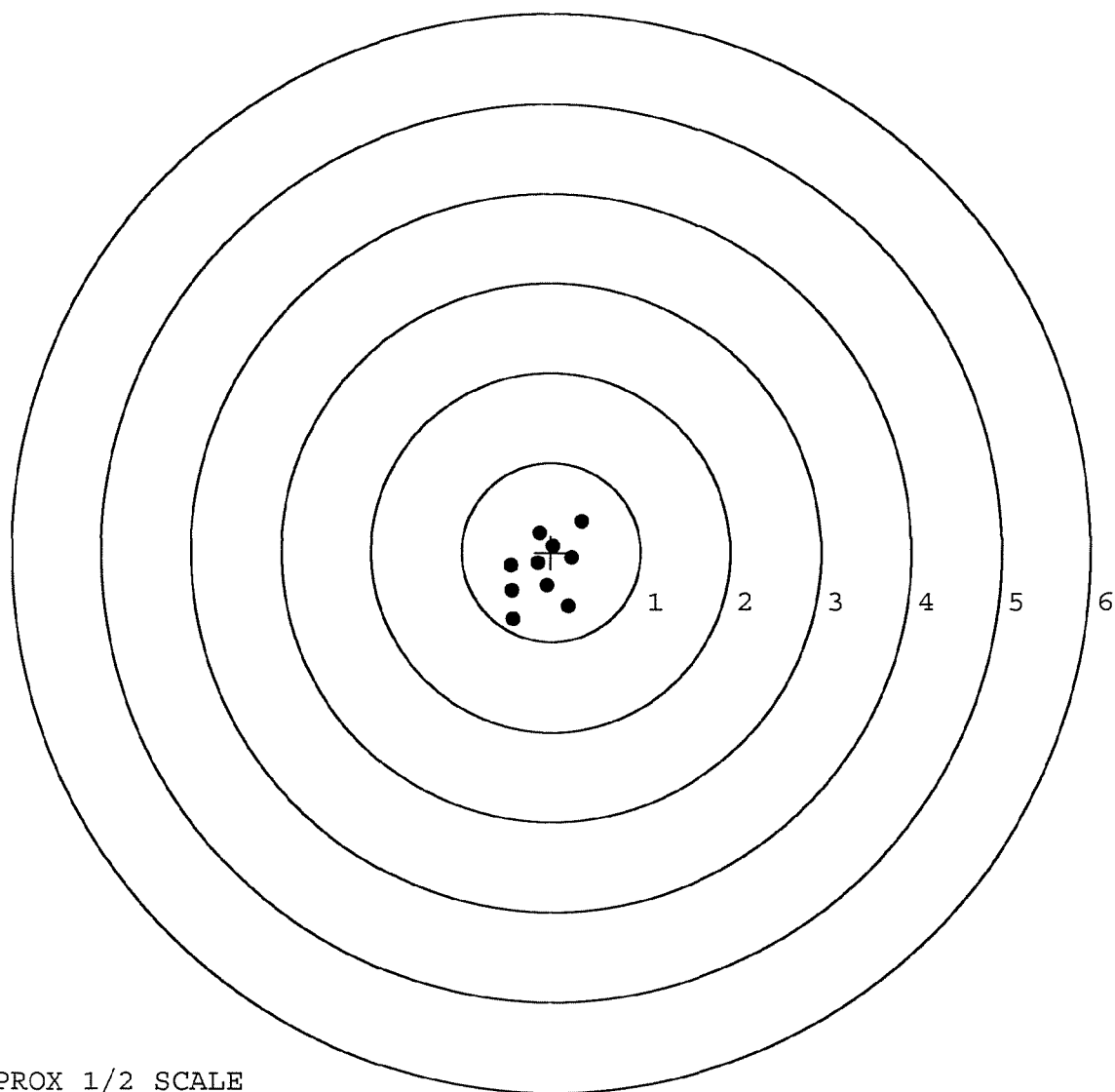


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348778.____0
TARGET NUMBER: 2
FILE DATE: 06/18/2002
FILE TIME: 13:47

POINT#	X	Y
1:	-0.447	-0.159
2:	-0.124	0.218
3:	0.349	0.349
4:	0.229	-0.065
5:	0.023	0.069
6:	-0.149	-0.124
7:	-0.048	-0.380
8:	0.198	-0.607
9:	-0.423	-0.757
10:	-0.438	-0.440

X CENTROID: -0.083
Y CENTROID: -0.190
POA TO CENTROID: 0.207
HORZ SPREAD: 0.796
VERT SPREAD: 1.106
GROUP SPREAD: 1.349
MIN RADIUS: 0.093
MAX RADIUS: 0.690
MEAN RADIUS: 0.397
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

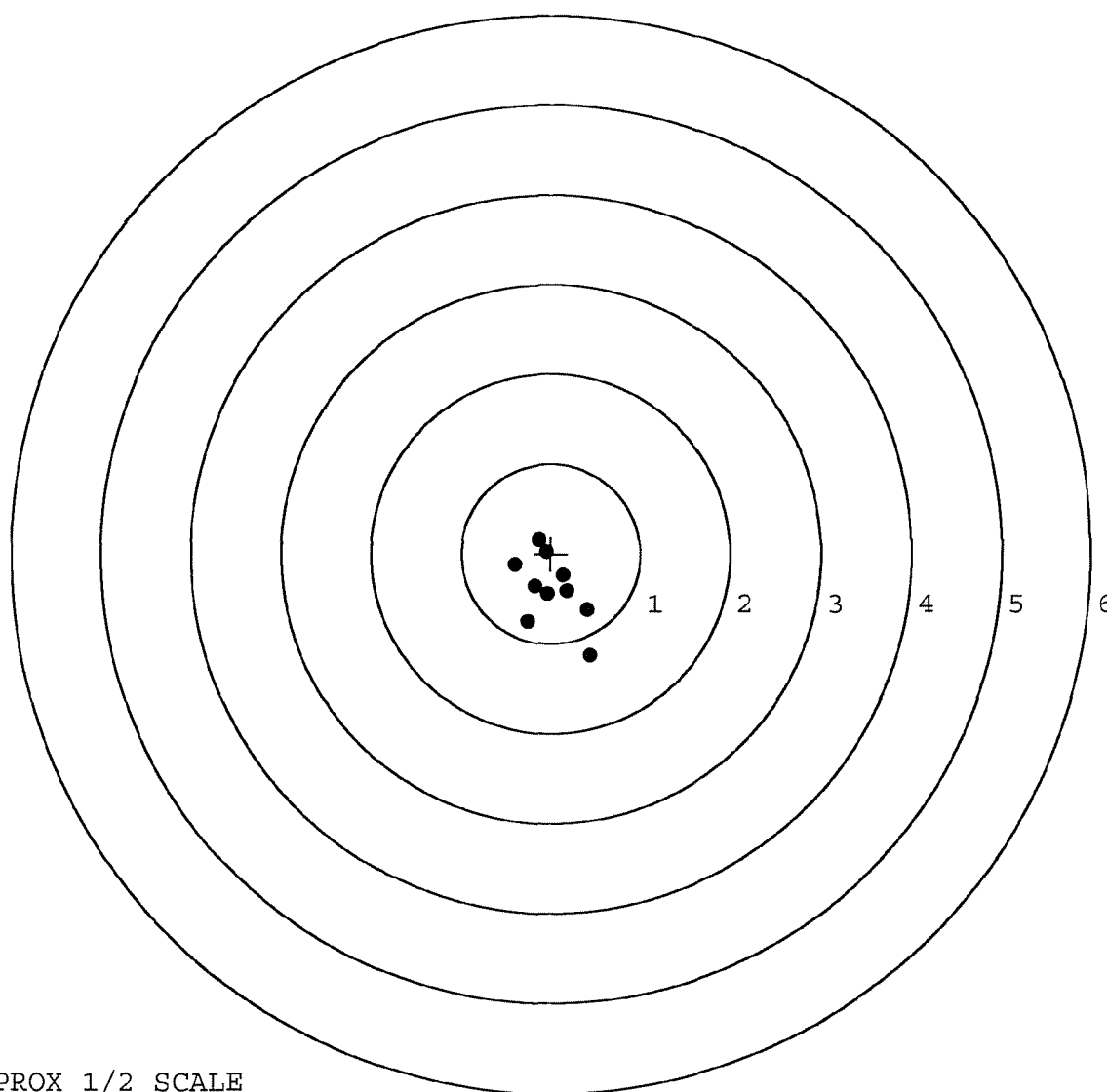


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348778. __0
TARGET NUMBER: 3
FILE DATE: 06/18/2002
FILE TIME: 13:47

POINT#	X	Y
1:	0.445	-1.137
2:	0.407	-0.627
3:	-0.254	-0.754
4:	-0.041	-0.449
5:	0.185	-0.416
6:	0.134	-0.245
7:	-0.056	0.021
8:	-0.401	-0.123
9:	-0.136	0.149
10:	-0.182	-0.373

X CENTROID: 0.010
Y CENTROID: -0.395
POA TO CENTROID: 0.396
HORZ SPREAD: 0.846
VERT SPREAD: 1.286
GROUP SPREAD: 1.411
MIN RADIUS: 0.074
MAX RADIUS: 0.860
MEAN RADIUS: 0.388
IN 1 IN DIAMETER: 8
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

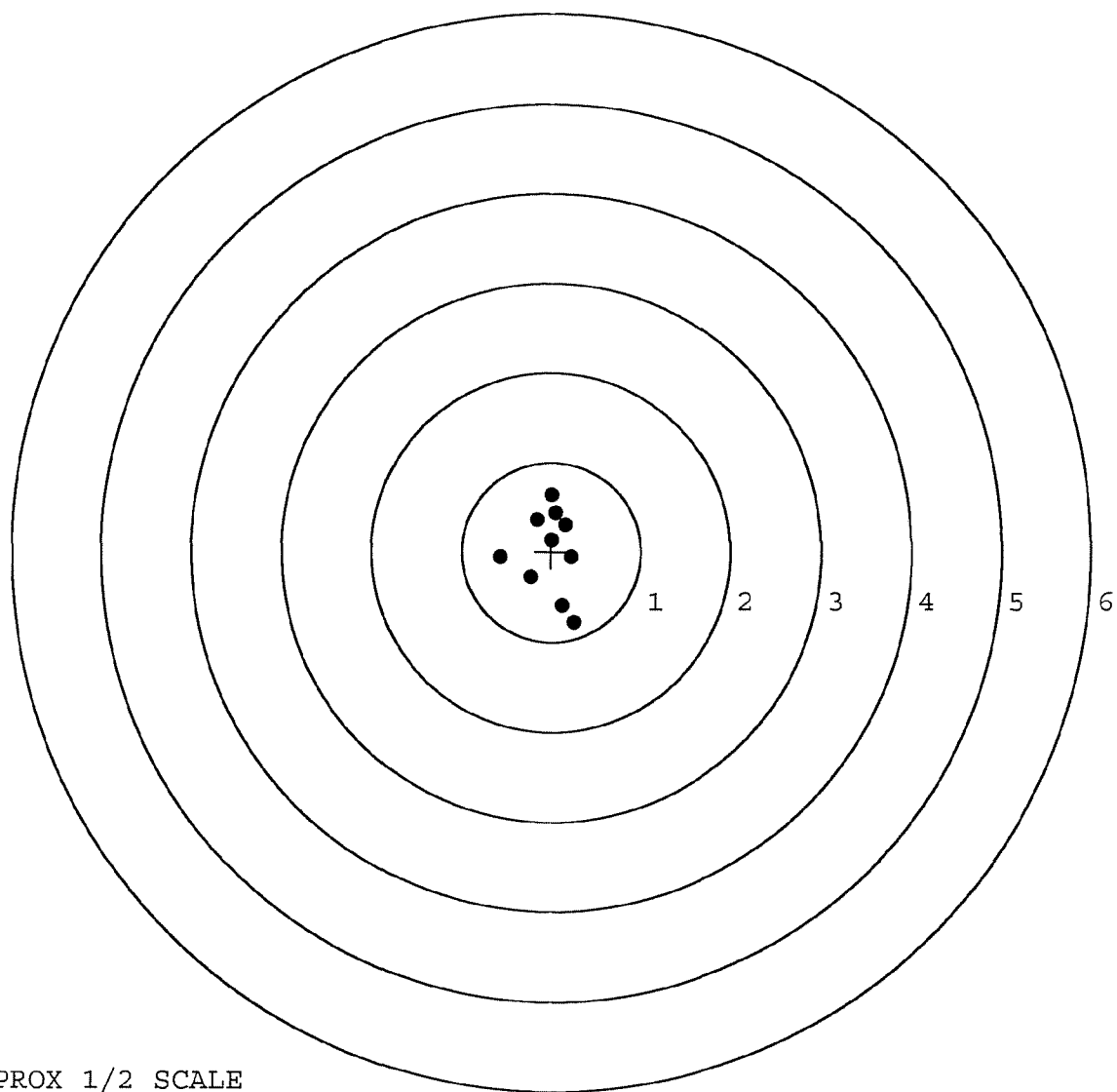


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348778. __ 0
TARGET NUMBER: 4
FILE DATE: 06/18/2002
FILE TIME: 13:47

POINT#	X	Y
1:	0.255	-0.790
2:	0.124	-0.606
3:	-0.227	-0.292
4:	-0.570	-0.067
5:	0.012	0.638
6:	-0.158	0.359
7:	0.054	0.436
8:	0.166	0.303
9:	0.002	0.130
10:	0.223	-0.066

X CENTROID: -0.012
Y CENTROID: 0.005
POA TO CENTROID: 0.013
HORZ SPREAD: 0.825
VERT SPREAD: 1.428
GROUP SPREAD: 1.449
MIN RADIUS: 0.126
MAX RADIUS: 0.838
MEAN RADIUS: 0.457
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348778. __0

TARGET NUMBER: 5

FILE DATE: 06/18/2002

FILE TIME: 13:47

POINT#	X	Y
1:	0.360	-0.709
2:	0.865	0.385
3:	0.286	-0.098
4:	-0.204	0.565
5:	-1.521	0.439
6:	-0.425	-0.441
7:	-0.134	-0.463
8:	-0.031	0.018
9:	0.008	-0.139
10:	0.046	-0.301

X CENTROID: -0.075

Y CENTROID: -0.074

POA TO CENTROID: 0.106

HORZ SPREAD: 2.386

VERT SPREAD: 1.274

GROUP SPREAD: 2.387

MIN RADIUS: 0.102

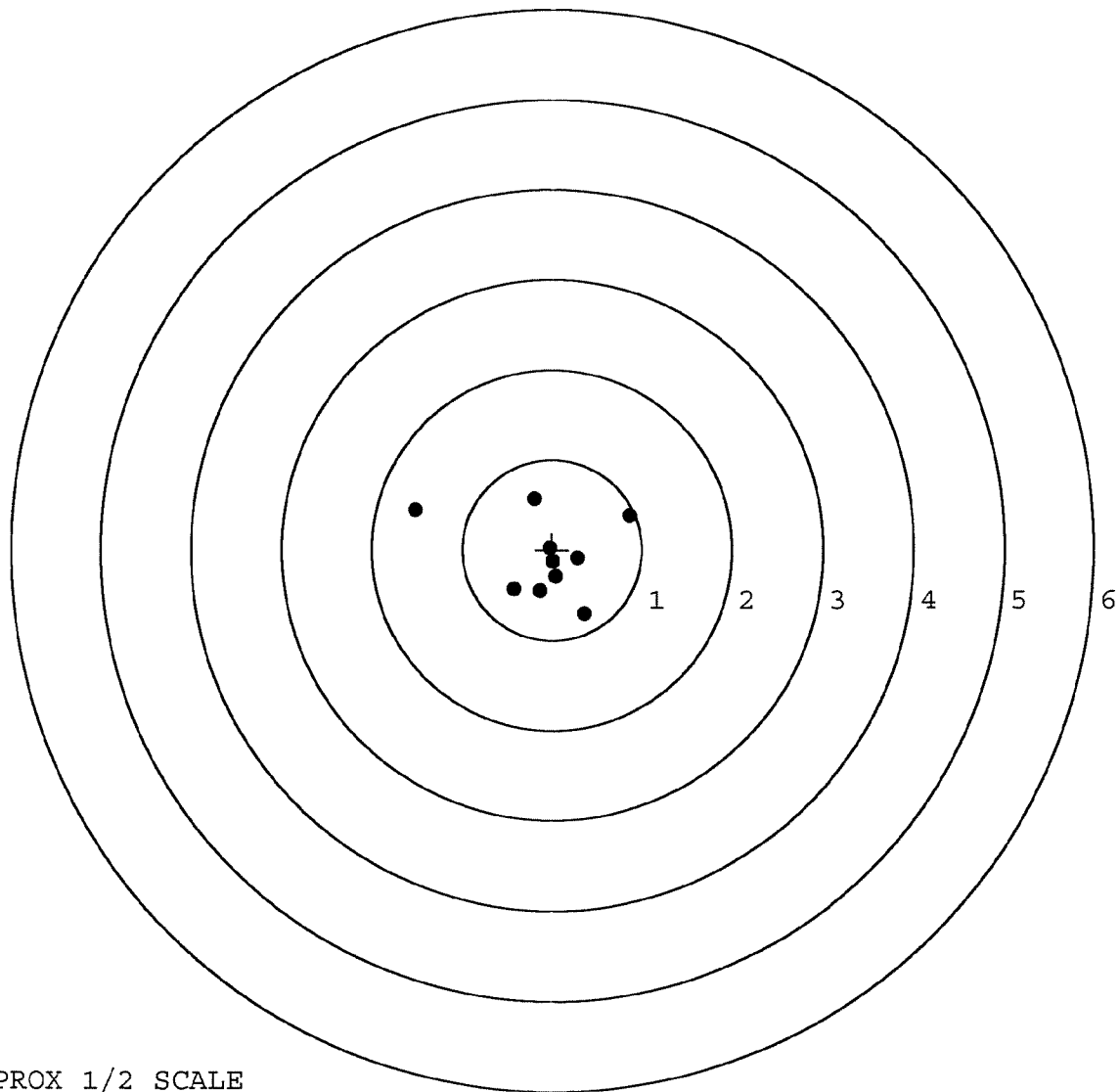
MAX RADIUS: 1.534

MEAN RADIUS: 0.573

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348778
14 Aug 1989

CENTROIDAL DISTANCES

0 TO	1	.569723
1 TO	2	.998393
1 TO	3	.304685
1 TO	4	.804659
1 TO	5	.922714

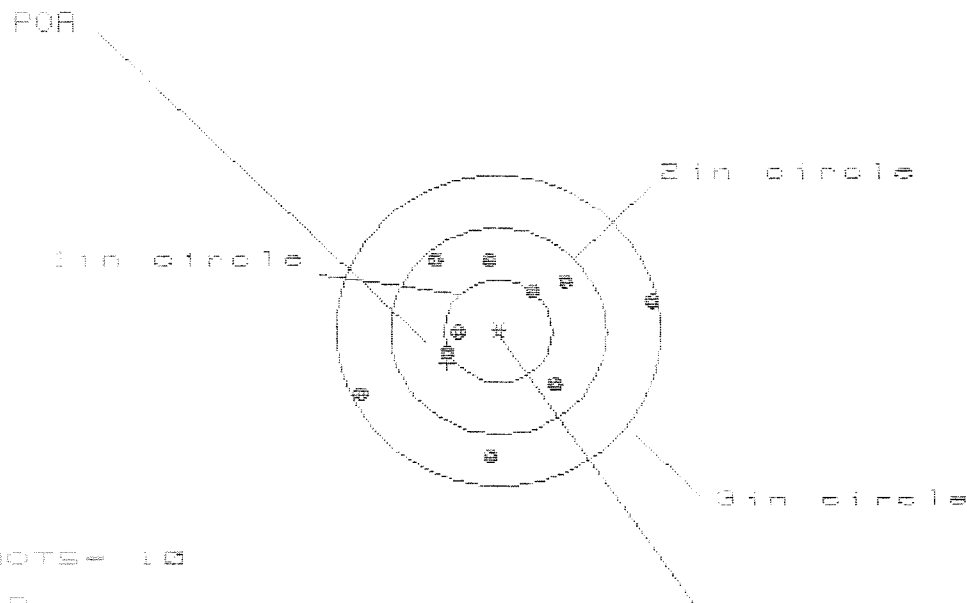
$\begin{matrix} x^1 \\ x^4 \end{matrix}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1788
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.2003
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .268863
THE AMR FOR THIS RIFLE IS: .942

1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348728

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1in = 2

2in = 7

3in = 10

HEI = 2.627

VS = 1.890

GS = 2.754

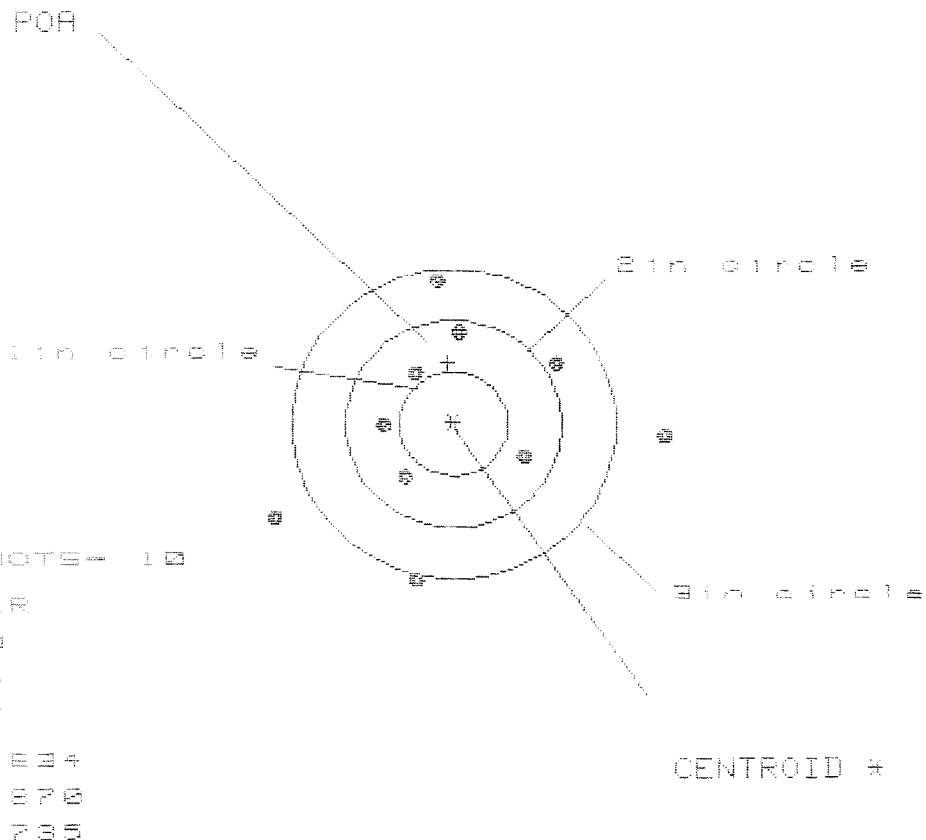
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.391	.733	.597
MINIMUM X	:	-1.236	-1.081	-.516
MAXIMUM Y	:	.704	.732	.665
MINIMUM Y	:	-1.186	-1.158	-1.225
CENTROID X	:	.478	.323	.459
CENTROID Y	:	.310	.282	.349
FOR TO CENTROID in.	:	.570	.429	.577
MIN RADIUS	:	.397	.240	.385
MEAN RADIUS	:	.843	.763	.702
MAX RADIUS	:	1.415	1.210	1.230
HORIZONTAL SPREAD	:	2.627	1.814	1.113
VERTICAL SPREAD	:	1.890	1.890	1.890
EXTREME SPREAD	:	2.754	2.121	1.891
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

11 Aug 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C8348778

CENTERFIRE PATTERNS # 2

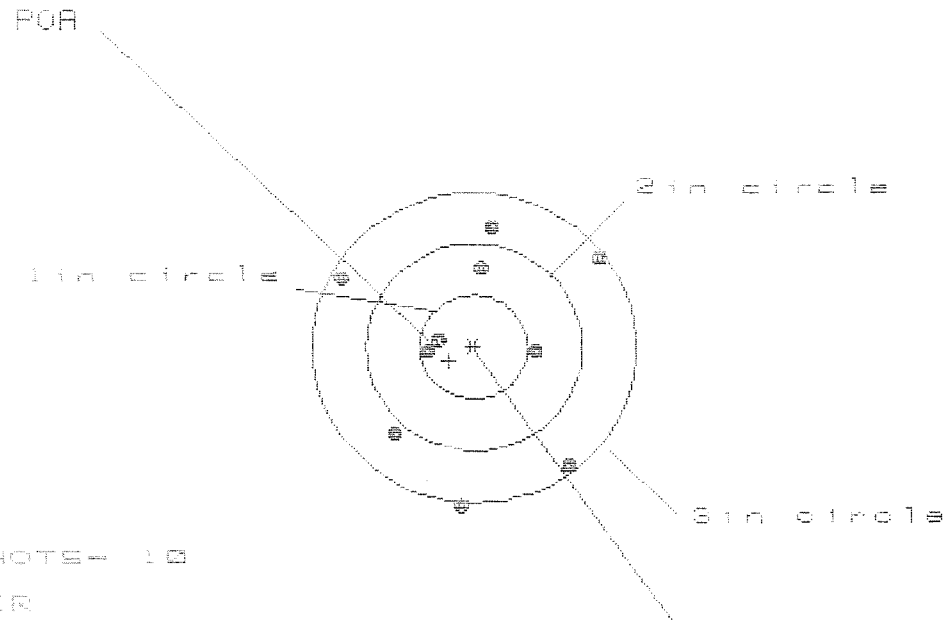


PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.936	1.196	1.010
MINIMUM X	:	-1.698	-1.483	-.810
MAXIMUM Y	:	1.365	1.359	1.243
MINIMUM Y	:	-1.505	-1.511	-1.627
CENTROID X	:	.050	-.165	.020
CENTROID Y	:	-.592	-.586	-.470
POA TO CENTROID in.	:	.594	.608	.470
MIN RADIUS	:	.576	.428	.460
MEAN RADIUS	:	1.149	1.036	.936
MAX RADIUS	:	1.937	1.749	1.657
HORIZONTAL SPREAD	:	3.634	2.679	1.821
VERTICAL SPREAD	:	2.870	2.870	2.870
EXTREME SPREAD	:	3.735	3.064	2.876
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/G3348778

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 2

2in = 4

3in = 8

HS= 2.345

VS= 2.663

GS= 2.718

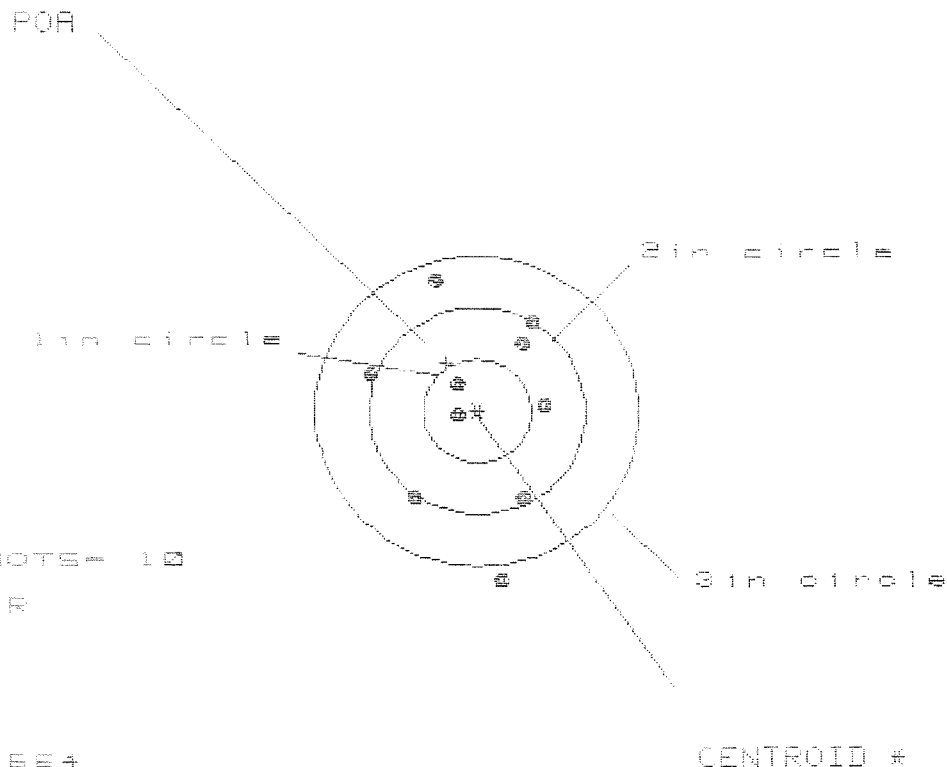
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.139	1.124	.960
MINIMUM X	:	-1.206	-1.221	-1.081
MAXIMUM Y	:	1.133	.963	1.050
MINIMUM Y	:	-1.530	-1.254	-1.167
CENTROID X	:	.230	.245	.105
CENTROID Y	:	.133	.303	.216
POR TO CENTROID in.	:	.266	.390	.240
MIN RADIUS	:	.291	.323	.163
MEAN RADIUS	:	.998	.924	.848
MAX RADIUS	:	1.537	1.498	1.511
HORIZONTAL SPREAD	:	2.345	2.345	2.041
VERTICAL SPREAD	:	2.663	2.217	2.217
EXTREME SPREAD	:	2.718	2.681	2.681
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/GS348776

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 8

HS= 1.664

VS= 2.886

GS= 2.956

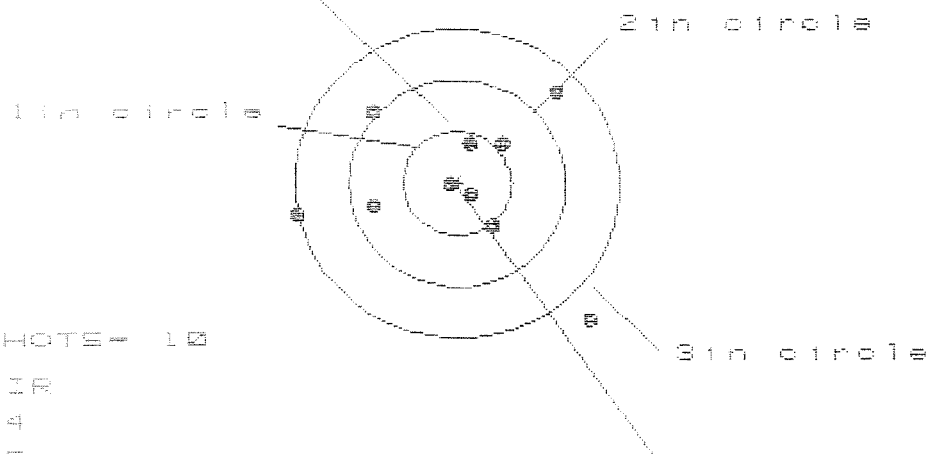
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.655	.682	.637
MINIMUM X	:	-1.009	-.982	-1.027
MAXIMUM Y	:	1.226	1.041	.844
MINIMUM Y	:	-1.660	-1.057	-.927
CENTROID X	:	.285	.258	.303
CENTROID Y	:	-.464	-.279	-.409
POA TO CENTROID in.	:	.544	.380	.509
MIN RADIUS	:	.187	.124	.228
MEAN RADIUS	:	.902	.792	.753
MAX RADIUS	:	1.679	1.190	1.100
HORIZONTAL SPREAD	:	1.664	1.664	1.664
VERTICAL SPREAD	:	2.886	2.098	1.771
EXTREME SPREAD	:	2.956	2.247	2.095
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

14 Aug 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06348778

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS- 10

IN CIR

1in = 4

2in = 6

3in = 8

HS= 2.737

VS= 2.182

CS= 2.905

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.252	1.036	.868
MINIMUM X	:	-1.485	-1.346	-.855
MAXIMUM Y	:	.868	.722	.661
MINIMUM Y	:	-1.314	-.534	-.595
CENTROID X	:	-.122	-.261	-.093
CENTROID Y	:	-.391	-.245	-.184
FOR TO CENTROID in.	:	.489	.358	.206
MIN RADIUS	:	.042	.161	.193
MEAN RADIUS	:	.818	.726	.605
MAX RADIUS	:	1.815	1.431	1.091
HORIZONTAL SPREAD	:	2.737	2.382	1.723
VERTICAL SPREAD	:	2.182	1.256	1.256
EXTREME SPREAD	:	2.905	2.670	2.023
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6348778
19 Sep 1989

CENTROIDAL DISTANCES

0 TO	1	.122642
1 TO	2	.0872067
1 TO	3	.139284
1 TO	4	.360174
1 TO	5	.223258

$\frac{4}{50}$ <----POA

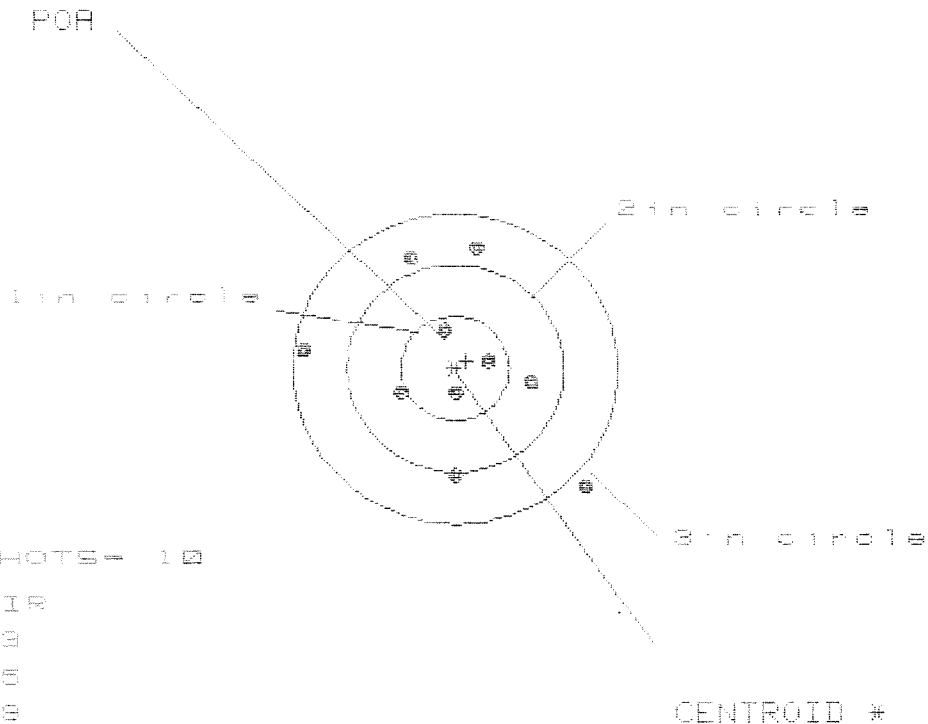
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.1674
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0076
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .167572
THE AMR FOR THIS RIFLE IS: .8012

INTERCHANGEABILITY

15 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06346778.1

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 8

HS= 2.625

VS= 2.290

GS= 2.919

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.177	.823	.659
MINIMUM X	-1.448	-1.317	-.492
MAXIMUM Y	1.159	1.033	1.036
MINIMUM Y	-1.131	-1.179	-1.176
CENTROID X	-.100	-.231	-.067
CENTROID Y	-.071	.055	.052
POA TO CENTROID in.	.123	.238	.085
MIN RADIUS	.271	.285	.277
MEAN RADIUS	.868	.787	.697
MAX RADIUS	1.633	1.317	1.176
HORIZONTAL SPREAD	2.625	2.140	1.151
VERTICAL SPREAD	2.290	2.212	2.212
EXTREME SPREAD	2.919	2.222	2.222
NUMBER IN ONE INCH CIRCLE =	3		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	8		

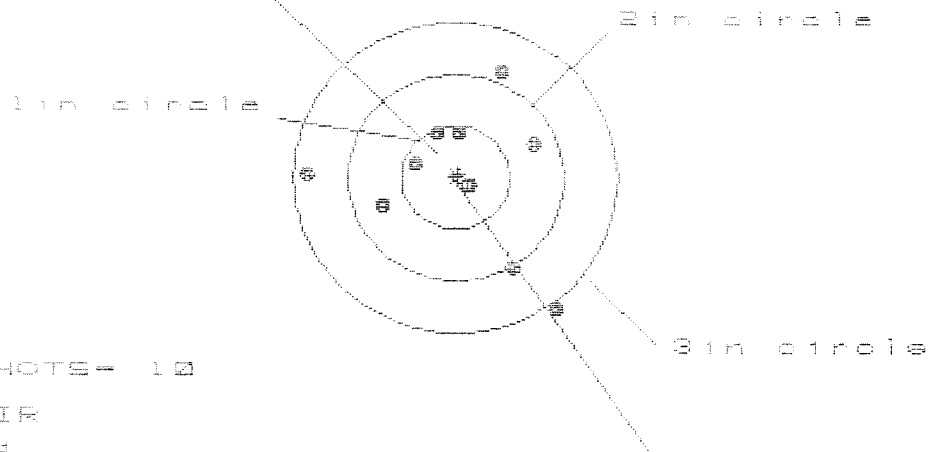
INTERCHANGEABILITY

19 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08348778.1

CENTERFIRE PATTERNS # 2

FOR



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 7

3 in = 9

HS= 5.089

VS= 5.360

GS= 5.649

CENTROID #

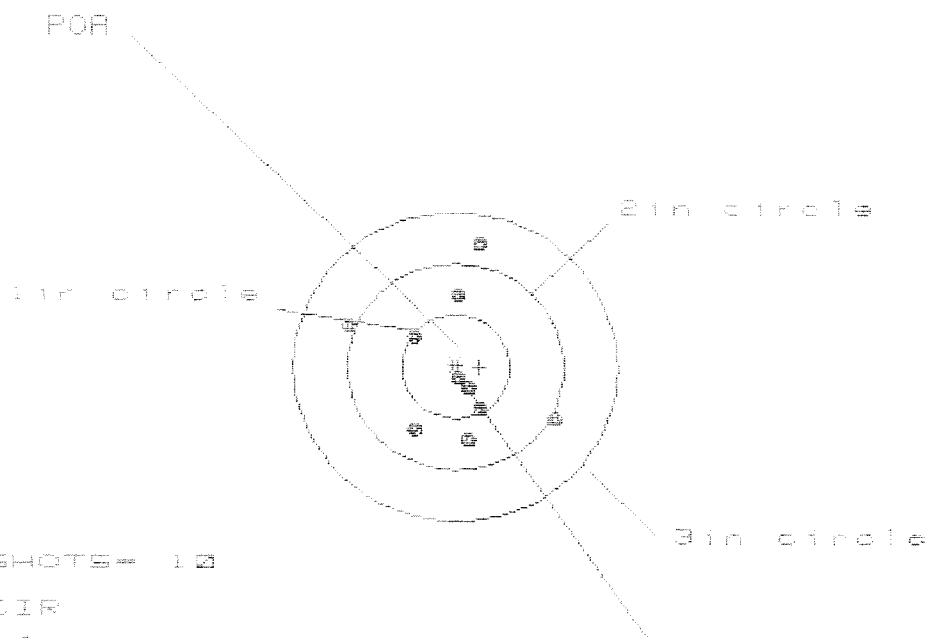
PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.898	.852	.691
MINIMUM X	-1.391	-1.292	-.728
MAXIMUM Y	1.078	.935	.924
MINIMUM Y	-1.282	-.967	-.978
CENTROID X	-.022	-.121	.040
CENTROID Y	-.032	.111	.132
FOR TO CENTROID in.	.038	.164	.129
MIN RADIUS	.164	.269	.261
MEAN RADIUS	.809	.698	.624
MAX RADIUS	1.565	1.295	1.066
HORIZONTAL SPREAD	2.289	2.144	1.419
VERTICAL SPREAD	2.360	1.902	1.902
EXTREME SPREAD	2.649	2.158	1.904
NUMBER IN ONE INCH CIRCLE =	4		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

INTERCHANGEABILITY

18 Sep 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C684B778.1

CENTERFIRE PATTERNS # 3



OF SHOTS= 10

IN CIR

1in = 4

2in = 7

3in = 10

HS= 1.942

VS= 1.896

GS= 2.119

CENTROID #

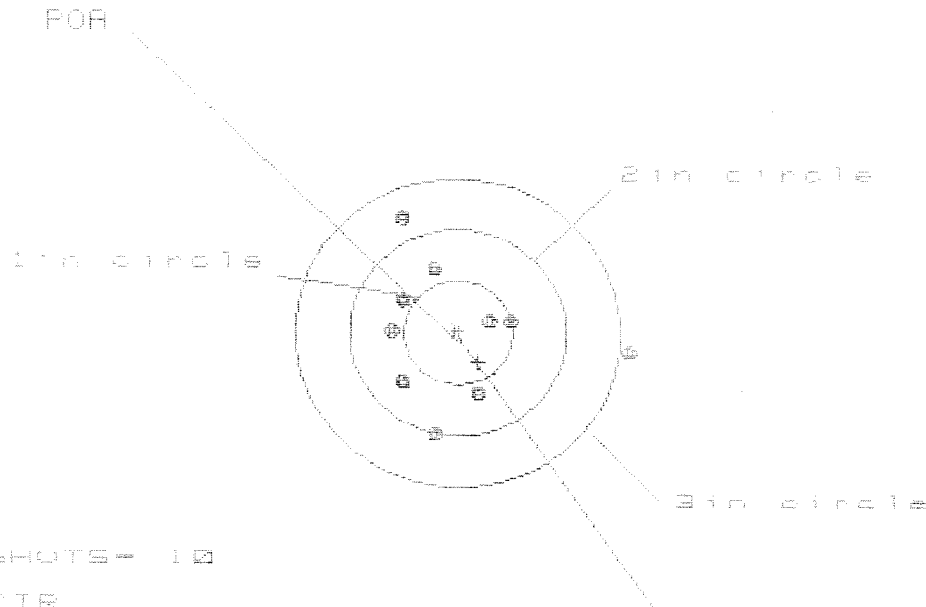
PATTERN #	3
SHOTS (BEST OF)	10
MAXIMUM X	.943
MINIMUM X	-.999
MAXIMUM Y	1.174
MINIMUM Y	-.722
CENTROID X	-.218
CENTROID Y	.003
POA TO CENTROID in.	.218
MIN RADIUS	.110
MEAN RADIUS	.682
MAX RADIUS	1.203
HORIZONTAL SPREAD	1.942
VERTICAL SPREAD	1.896
EXTREME SPREAD	2.119
NUMBER IN ONE INCH CIRCLE =	4
NUMBER IN TWO INCH CIRCLE =	7
NUMBER IN THREE INCH CIRCLE =	10

INTERCHANGEABILITY

18 Sep 1989

FILE: \PATTERNING\CENTERFIRE_PATT\03346778.J

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 7

3 in = 9

ME= 2.125

VS= 2.172

GS= 2.498

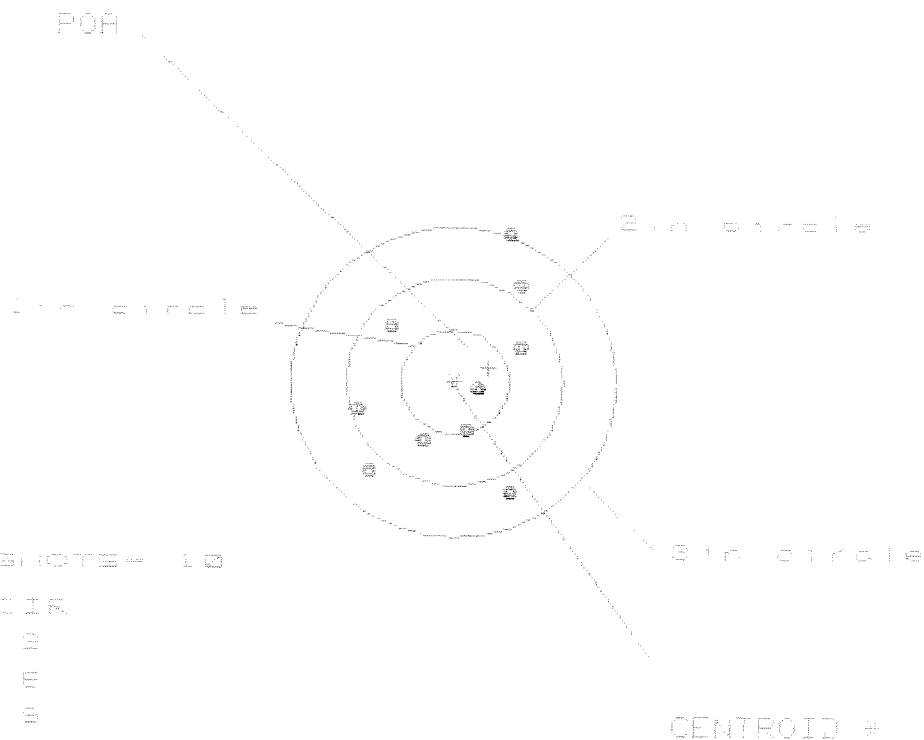
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.542	.699	.653
MINIMUM X	-.583	-.411	-.457
MAXIMUM Y	1.153	1.127	.760
MINIMUM Y	-1.019	-1.045	-.904
CENTROID X	-.185	-.357	-.311
CENTROID Y	.279	.305	.164
FOR TO CENTROID in.	.335	.469	.351
MIN RADIUS	.302	.414	.461
MEAN RADIUS	.789	.688	.620
MAX RADIUS	1.559	1.186	.910
HORIZONTAL SPREAD	2.125	1.110	1.110
VERTICAL SPREAD	2.172	2.172	1.664
EXTREME SPREAD	2.498	2.193	1.665
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	9		

INTERCHANGEABILITY

12 Sep 1985

FILE: \PATTERN\ING\CENTERFIRE_PATT-03340725.1

CENTERFIRE PATTERNS # 5



PATTERN #	5		
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.652	.704	.616
MINIMUM X	-.904	-.852	-.940
MAXIMUM Y	1.456	1.080	.994
MINIMUM Y	-1.027	-.865	-.951
CENTROID X	-.312	-.364	-.276
CENTROID Y	-.141	-.303	-.217
POA TO CENTROID in.	.343	.473	.352
MIN RADIUS	.213	.286	.172
MEAN RADIUS	.858	.761	.727
MAX RADIUS	1.529	1.289	1.170
HORIZONTAL SPREAD	1.556	1.556	1.556
VERTICAL SPREAD	2.483	1.945	1.945
EXTREME SPREAD	2.604	2.255	1.974
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

RECEIVING AND ESTIMATING REPORT

M-24 SNIPER W/LEUPOLD 10X SCOPE

JJM

ORDER

ORDER
90-28395

HARD CASE

SHIP TO:

CDR
1ST SF BN 10TH SFG (A)
ATTN ASOF-SFC-F-PBO
APO

NY
09050

WRITE ☐

CLEAN/TEST

VIA

UF'S

TOTAL	100	100	100
-------	-----	-----	-----

NEW

☐ SLIGHTLY WORN

☐ VERY WORN

☐ MISUSED

☐ MARRED

CUSTOMER'S REQUEST

Repaired per Government Maintenance letter 90-6

MAIN FAULT

PARTS

PATTERN

DATE

RD6925 REV. 7/90

M2400063802

COPY 3

M2400063803

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: RE00131869

Serial: C6348778 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Verify Repair

Status:

Closed 7/30/2007 10:57:06 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: A CO 1/10SF BN

A CO 1/10SF BN

Address 1: PANZER KASERNE

PANZER KASERNE

Address 2: APO

PO Box:

APO

PO Box:

City: WH09A0

WH09A0

State: AE

Zip Code: 09107

Country: IT

State: AE

Zip Code: 09107

Country: IT

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
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

7/30/2007

12:49 PM

CAPS

NUM

INS

SCRL



4 Micro...

6 Inter...

RAC0179...

Part Sear...

Arms Ser...

12:49 PM

Serial Number: C6348778

Model: M24 SWS



RE00131869

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6348778.___0

FILE DATE AND TIME: 09/26/2007 23:07

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.249
The Average Y Centroid of the Five Target Set:	-0.166
The Average Point of Impact of the Five Target Set:	0.299
The Average Mean Radius of the Five Target Set:	0.970
The Distance from POA to Centroid Target #1:	0.269
The Distance from Centroid Target #2 to Centroid Target #1:	1.016
The Distance from Centroid Target #3 to Centroid Target #1:	1.133
The Distance from Centroid Target #4 to Centroid Target #1:	0.271
The Distance from Centroid Target #5 to Centroid Target #1:	0.433

SERIAL NUMBER: C6348778. __0

TARGET NUMBER: 1

FILE DATE: 09/26/2007

FILE TIME: 23:07

POINT#	X	Y
1:	-0.347	0.482
2:	-0.183	0.240
3:	0.095	0.483
4:	0.542	0.452
5:	0.473	-0.073
6:	-0.272	-0.190
7:	-0.396	-0.322
8:	0.035	-0.787
9:	-0.816	-1.071
10:	-1.421	-0.629

X CENTROID: -0.229

Y CENTROID: -0.141

POA TO CENTROID: 0.269

HORZ SPREAD: 1.963

VERT SPREAD: 1.554

GROUP SPREAD: 2.241

MIN RADIUS: 0.065

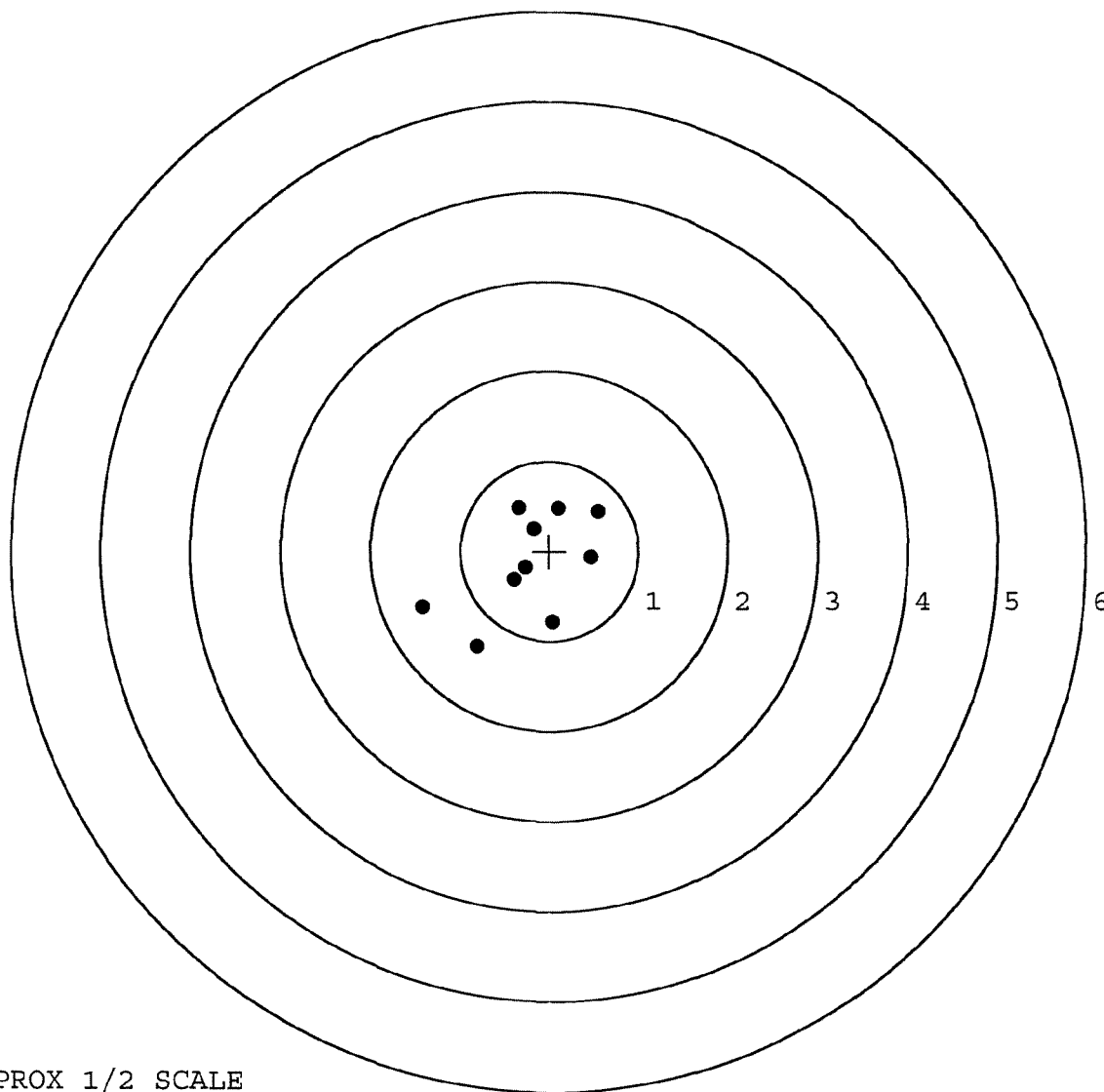
MAX RADIUS: 1.288

MEAN RADIUS: 0.680

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 8

in 3 IN DIAMETER: 10

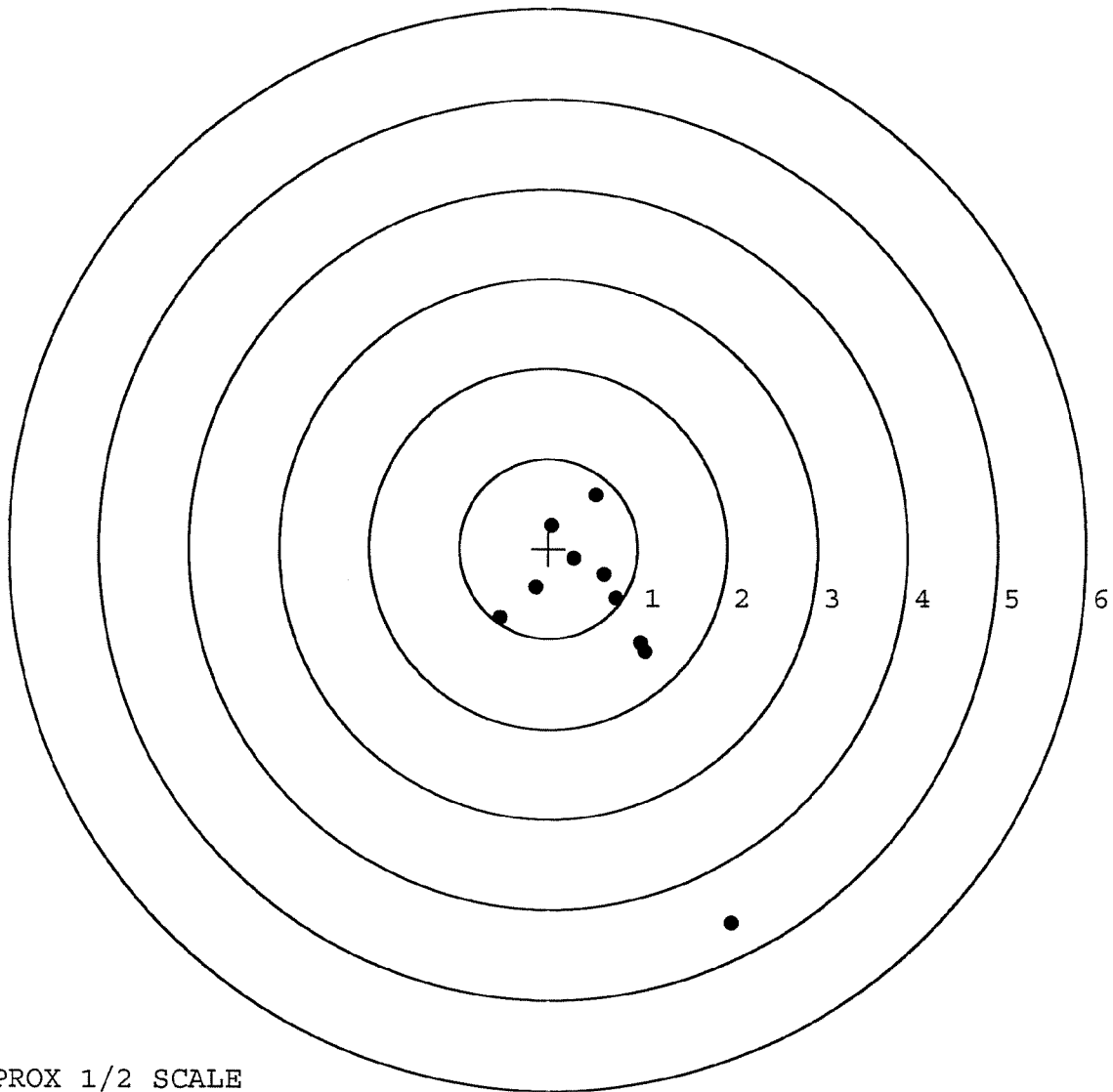


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348778. __0
TARGET NUMBER: 2
FILE DATE: 09/26/2007
FILE TIME: 23:07

POINT#	X	Y
1:	0.034	0.257
2:	0.286	-0.112
3:	0.626	-0.290
4:	0.760	-0.558
5:	1.029	-1.053
6:	-0.142	-0.436
7:	-0.540	-0.779
8:	0.527	0.599
9:	1.081	-1.152
10:	2.049	-4.150

X CENTROID: 0.571
Y CENTROID: -0.767
POA TO CENTROID: 0.957
HORZ SPREAD: 2.589
VERT SPREAD: 4.749
GROUP SPREAD: 4.987
MIN RADIUS: 0.282
MAX RADIUS: 3.691
MEAN RADIUS: 1.077
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348778.___0

TARGET NUMBER: 3

FILE DATE: 09/26/2007

FILE TIME: 23:07

POINT#	X	Y
1:	0.119	0.679
2:	0.226	0.367
3:	0.317	0.900
4:	0.028	-0.247
5:	-0.473	-0.764
6:	-0.568	-0.619
7:	2.166	2.350
8:	2.810	1.574
9:	1.572	-0.194
10:	1.708	-0.522

X CENTROID: 0.790

Y CENTROID: 0.352

POA TO CENTROID: 0.865

HORZ SPREAD: 3.378

VERT SPREAD: 3.114

GROUP SPREAD: 4.082

MIN RADIUS: 0.565

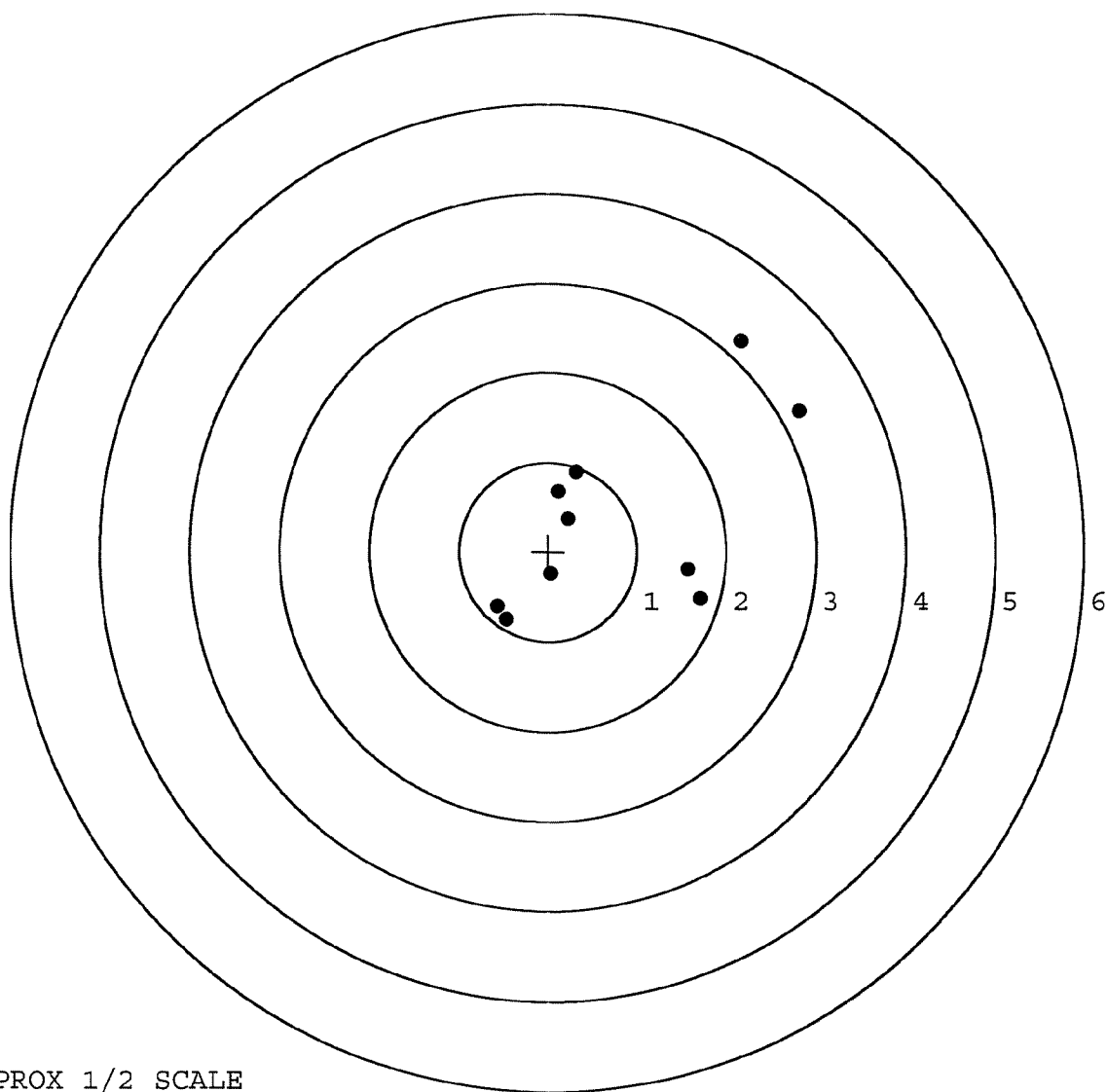
MAX RADIUS: 2.425

MEAN RADIUS: 1.337

IN 1 IN DIAMETER: 0

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 6

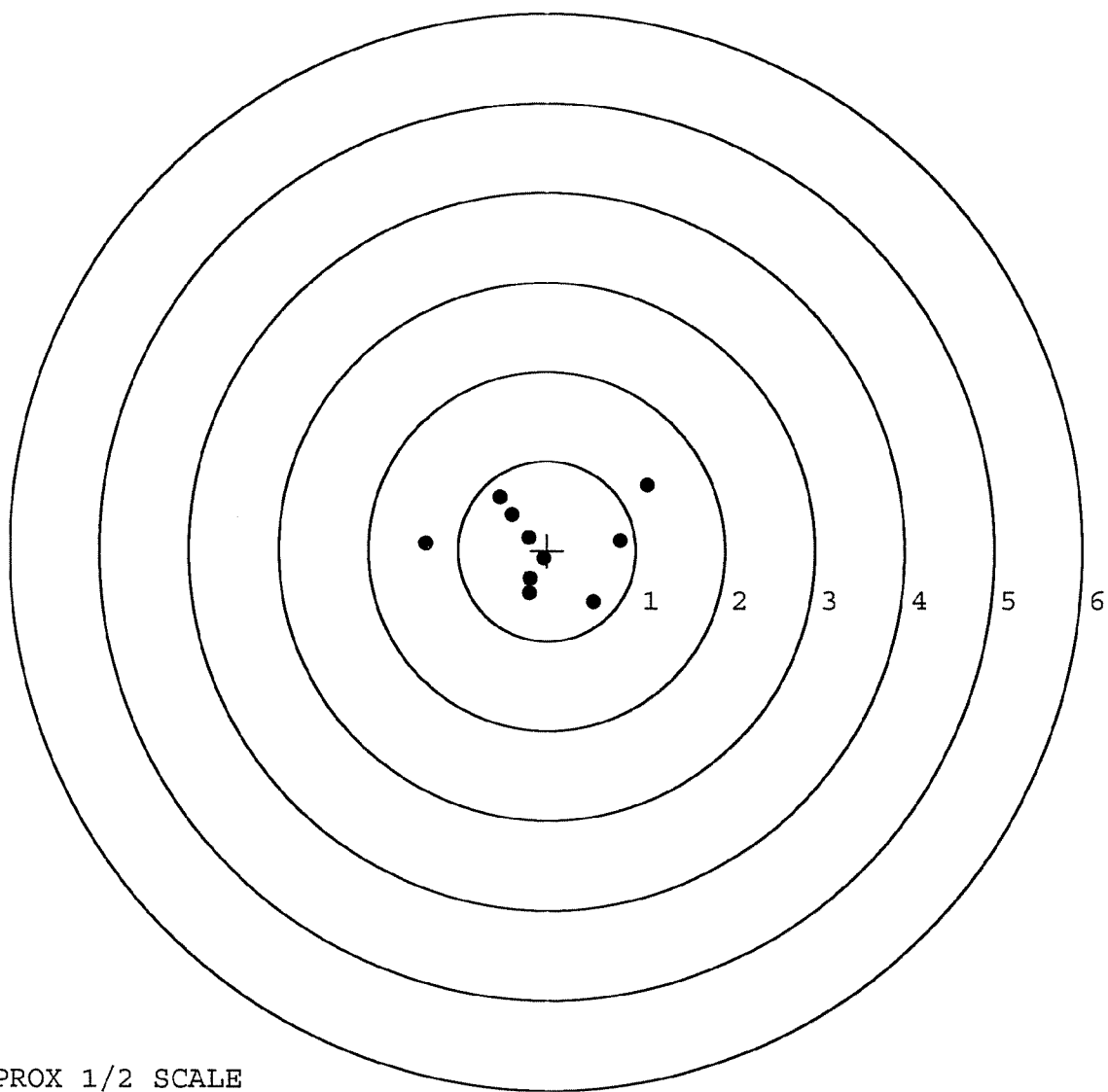


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348778. __0
TARGET NUMBER: 4
FILE DATE: 09/26/2007
FILE TIME: 23:07

POINT#	X	Y
1:	1.133	0.732
2:	0.823	0.108
3:	0.525	-0.573
4:	-0.204	-0.474
5:	-0.194	-0.316
6:	-0.046	-0.091
7:	-0.207	0.144
8:	-0.400	0.396
9:	-0.532	0.587
10:	-1.362	0.074

X CENTROID: -0.046
Y CENTROID: 0.059
POA TO CENTROID: 0.075
HORZ SPREAD: 2.495
VERT SPREAD: 1.305
GROUP SPREAD: 2.580
MIN RADIUS: 0.150
MAX RADIUS: 1.358
MEAN RADIUS: 0.689
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

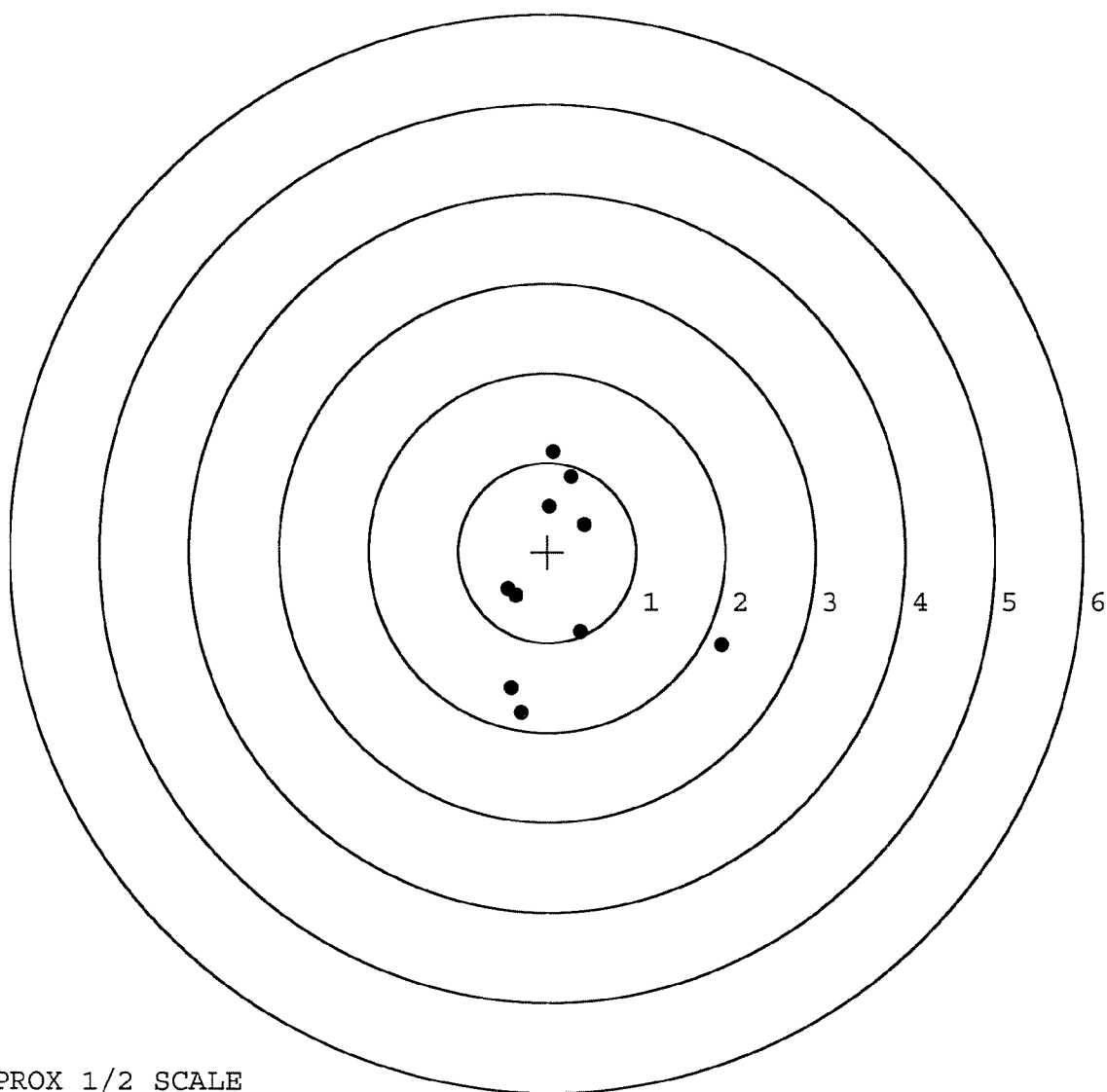


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6348778. __0
TARGET NUMBER: 5
FILE DATE: 09/26/2007
FILE TIME: 23:07

POINT#	X	Y
1:	0.064	1.124
2:	0.268	0.844
3:	0.023	0.510
4:	0.418	0.308
5:	-0.354	-0.488
6:	-0.444	-0.419
7:	0.373	-0.885
8:	-0.413	-1.511
9:	-0.298	-1.783
10:	1.958	-1.026

X CENTROID: 0.159
Y CENTROID: -0.333
POA TO CENTROID: 0.369
HORZ SPREAD: 2.402
VERT SPREAD: 2.907
GROUP SPREAD: 2.865
MIN RADIUS: 0.536
MAX RADIUS: 1.928
MEAN RADIUS: 1.068
IN 1 IN DIAMETER: 0
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 8



TARGET APPROX 1/2 SCALE

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

R & E NUMBER

131869

SERIAL NUMBER

C6348778

LOG-IN DATE

7-30-07

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	8-27-07	RTZ
505	RE-BARREL	9-14-07	RTZ
560	ASSEMBLE	9-14-07	RTZ
600	PROOF	9-14-07	mon
605	CHECK HEADSPACE	9-14-07	mon
610	DIS-ASSEMBLE GUN	9-17-07	TRW
612	MAGNAFLUX	9-18-07	NRB
510	DRILL AND TAP	9-17-07	TRW
615	ROLLMARK CALIBER	9-17-07	CW
618	ROTO-BLAST	9-18-07	EG
620	APPLY COATINGS	9-21-07	TB
625	FINAL ASSEMBLY	9-26-07	RTZ
640	FUNCTION TEST AND	9-26-07	mon
650	TARGET	9-26-07	mon
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	9-28-07	DA
	A) HEADSPACE	9-28-07	DA
	B) TRIGGER PULL	242 245 250 252 240 9-27-07	DA
680	F) SAFETY ON FORCE	4.0 4.0 3.5 9-27-07	DA
	G) SAFETY OFF FORCE	2.0 2.0 2.0 9-27-07	DA
	I) FIRING PIN INDENT	.021 .021 .021 9-27-07	DA
690	PACK	10-4-07	DA