

C6522318

MODEL 700™ M24

Model SMS™

Action

Barrel Length

Capacity

Order No. 5715

*Includes 1 in chamber.

Remington

113011

Address Information

Customer: ☐ Received From: ☒ Return To: ☐ Received From: ☐

Name: C CO SPT BN SWTG (A) POC JERRY SCREEN C CO SPT BN SWTG (A) POC JERRY SCREEN

Address 1: ARMAMENT FACILITY BLDG D-1307 ARMAMENT FACILITY BLDG D-1307

Address 2: GRUBER ROAD PO Box: GRUBER ROAD 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

Condition: Fair

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A057	Fit and Rear Sgt Base	1

Repair Search Refresh Close

maglet 5/31/2006 10:29 AM CAPS NUM INS SCRL

start 2 Micros... 2 Micros... 3 Intern... Arms Ser... Part Sear... 10:29 AM

Serial Number:

C6522318

Model: M24 SWS



RE00113011

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522318.___0

FILE DATE AND TIME: 06/30/2006 17:47

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.184
The Average Y Centroid of the Five Target Set:	0.006
The Average Point of Impact of the Five Target Set:	0.184
The Average Mean Radius of the Five Target Set:	0.668
The Distance from POA to Centroid Target #1:	0.431
The Distance from Centroid Target #2 to Centroid Target #1:	0.352
The Distance from Centroid Target #3 to Centroid Target #1:	0.641
The Distance from Centroid Target #4 to Centroid Target #1:	0.311
The Distance from Centroid Target #5 to Centroid Target #1:	0.034

SERIAL NUMBER: C6522318. __0

TARGET NUMBER: 1

FILE DATE: 06/30/2006

FILE TIME: 17:47

X CENTROID: -0.419

Y CENTROID: -0.102

POA TO CENTROID: 0.431

HORZ SPREAD: 1.855

VERT SPREAD: 2.071

GROUP SPREAD: 2.083

MIN RADIUS: 0.100

MAX RADIUS: 1.426

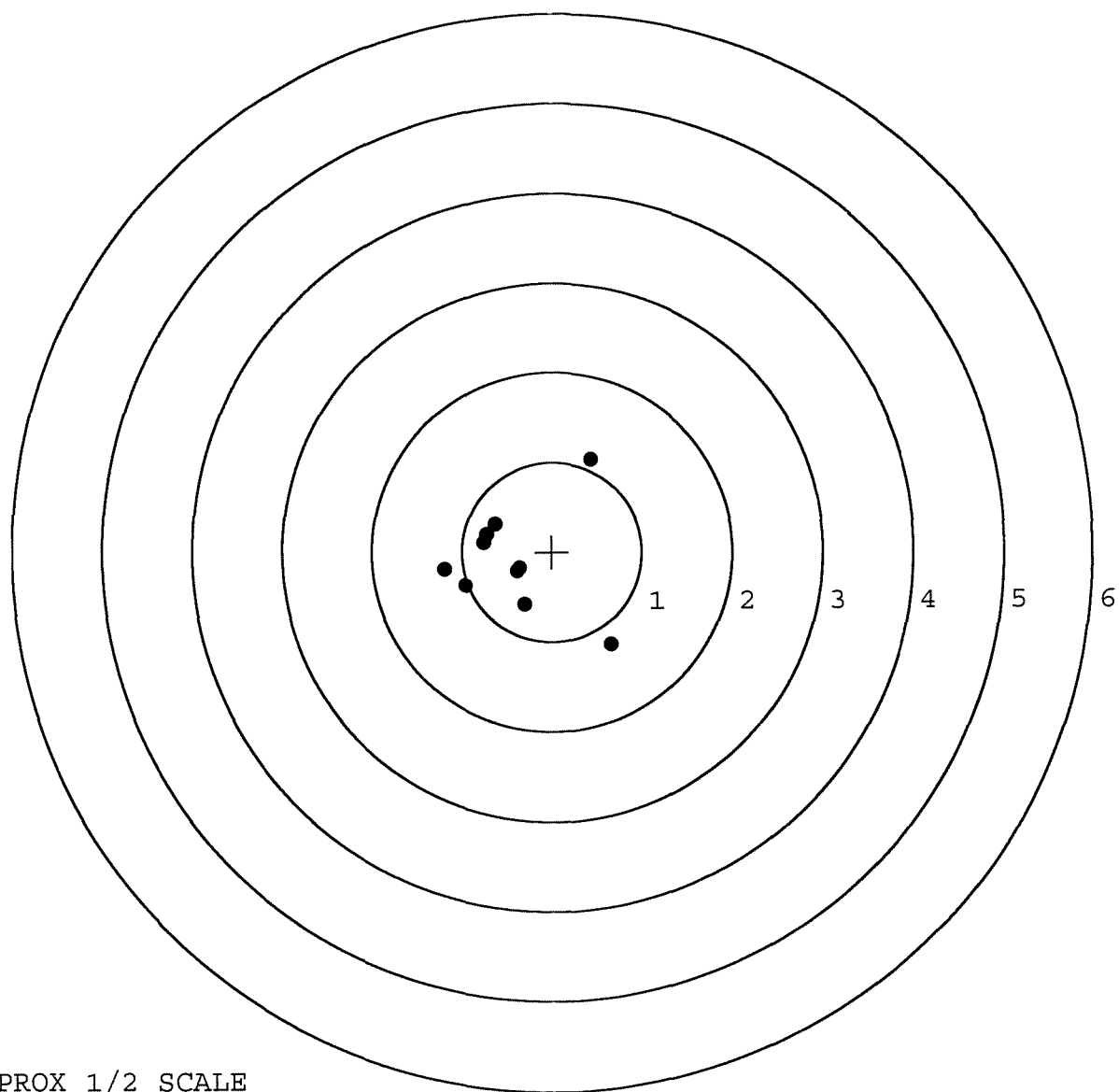
MEAN RADIUS: 0.578

IN 1 IN DIAMETER: 6

IN 2 IN DIAMETER: 9

in 3 IN DIAMETER: 11

POINT#	X	Y
1:	0.656	-1.039
2:	-0.309	-0.590
3:	-0.387	-0.214
4:	-0.965	-0.376
5:	-1.199	-0.195
6:	-0.755	0.107
7:	-0.631	0.319
8:	0.434	1.032
9:	-0.726	0.203
10:	-0.361	-0.184
11:	-0.361	-0.184

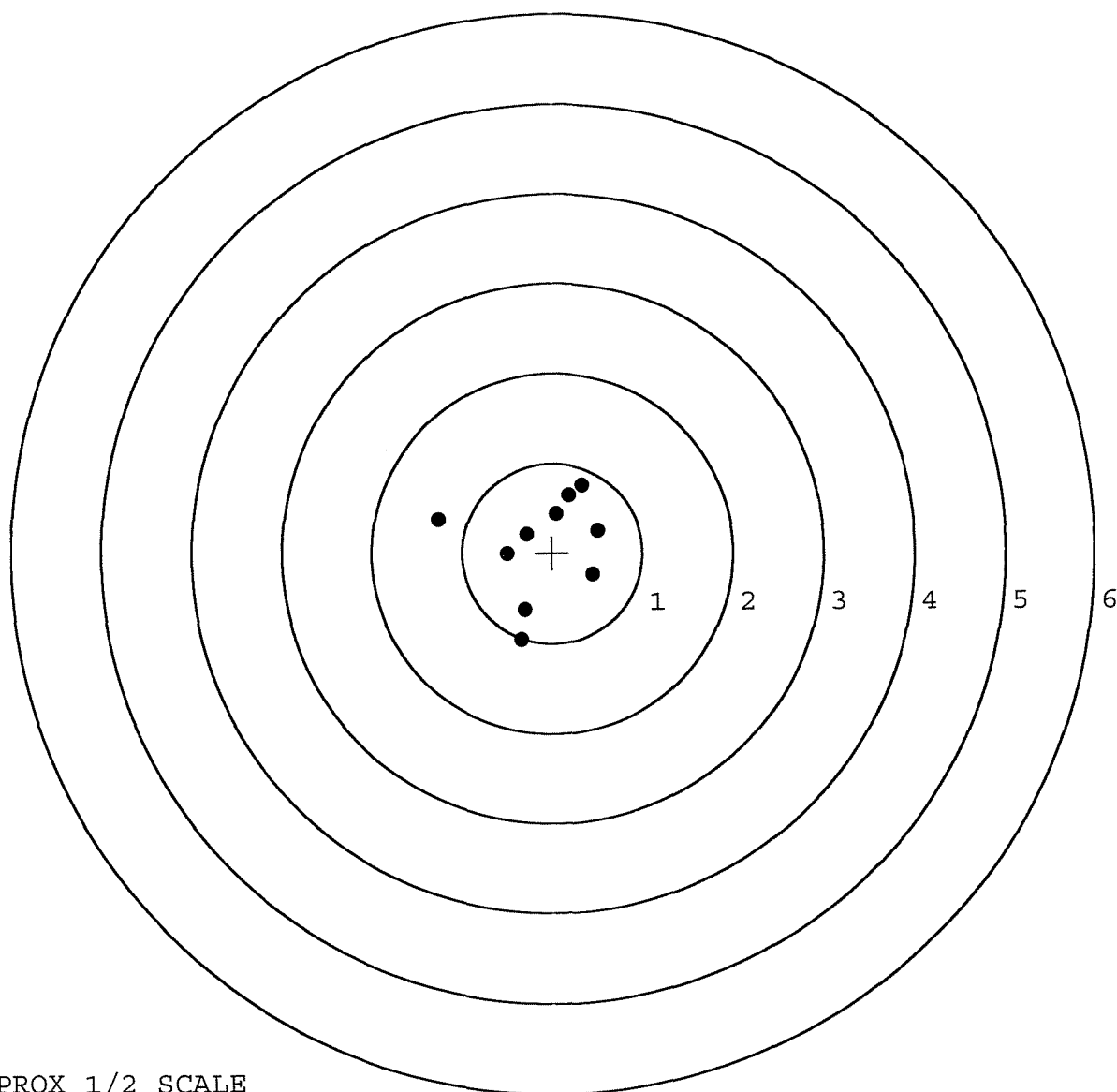


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522318. __0
TARGET NUMBER: 2
FILE DATE: 06/30/2006
FILE TIME: 17:47

X CENTROID: -0.119
Y CENTROID: 0.082
POA TO CENTROID: 0.144
HORZ SPREAD: 1.779
VERT SPREAD: 1.718
GROUP SPREAD: 1.826
MIN RADIUS: 0.207
MAX RADIUS: 1.185
MEAN RADIUS: 0.675
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.342	-0.964
2:	-0.309	-0.640
3:	0.450	-0.245
4:	0.513	0.253
5:	0.327	0.754
6:	0.184	0.642
7:	0.043	0.437
8:	-1.266	0.378
9:	-0.503	-0.008
10:	-0.283	0.208



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522318. __0

TARGET NUMBER: 3

FILE DATE: 06/30/2006

FILE TIME: 17:47

X CENTROID: 0.168

Y CENTROID: 0.156

POA TO CENTROID: 0.230

HORZ SPREAD: 2.448

VERT SPREAD: 1.904

GROUP SPREAD: 2.509

MIN RADIUS: 0.413

MAX RADIUS: 1.391

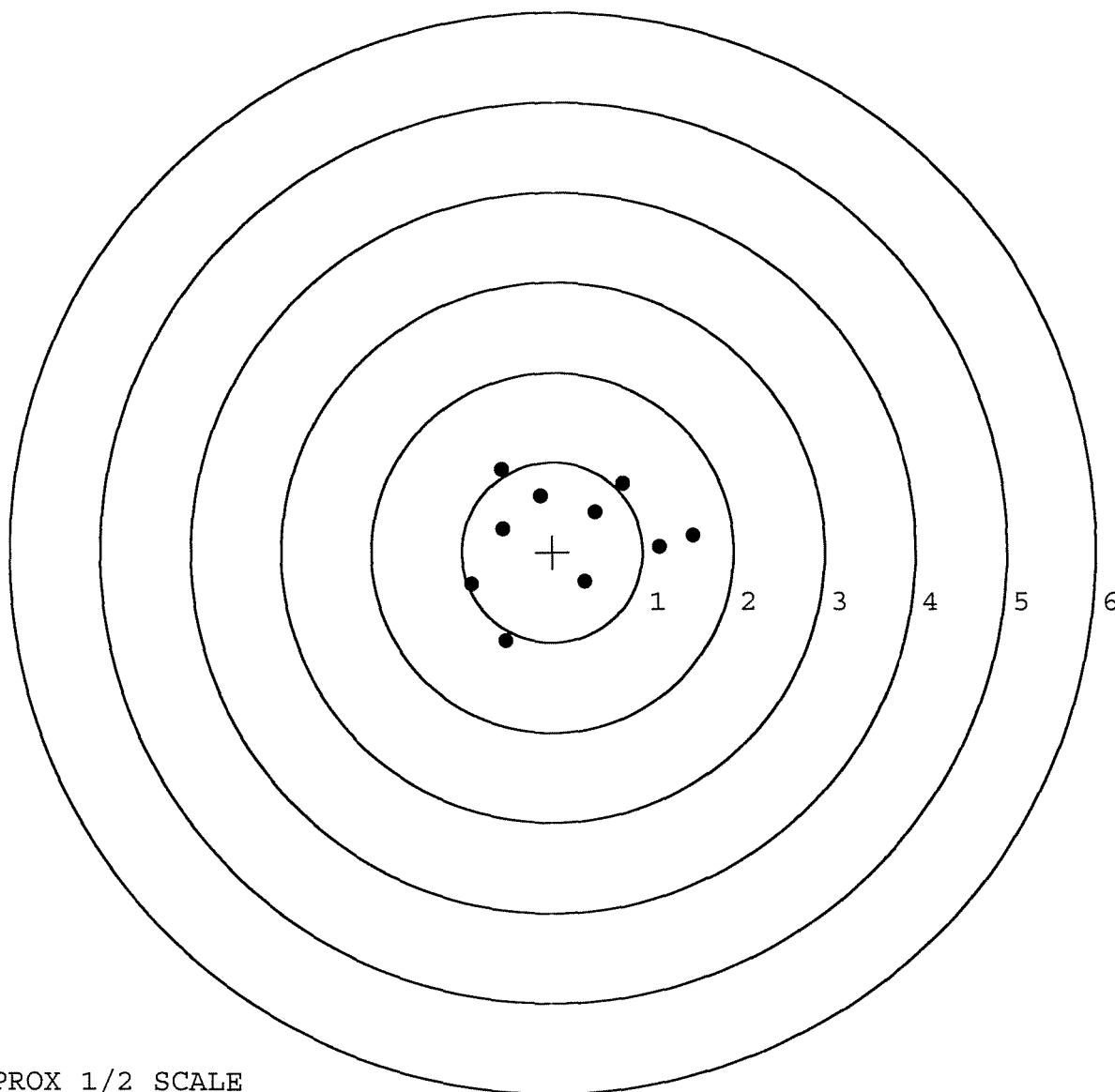
MEAN RADIUS: 0.906

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 5

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.559	0.183
2:	1.181	0.060
3:	0.361	-0.332
4:	-0.517	-0.988
5:	-0.889	-0.365
6:	-0.548	0.260
7:	-0.137	0.623
8:	-0.571	0.916
9:	0.777	0.766
10:	0.467	0.441

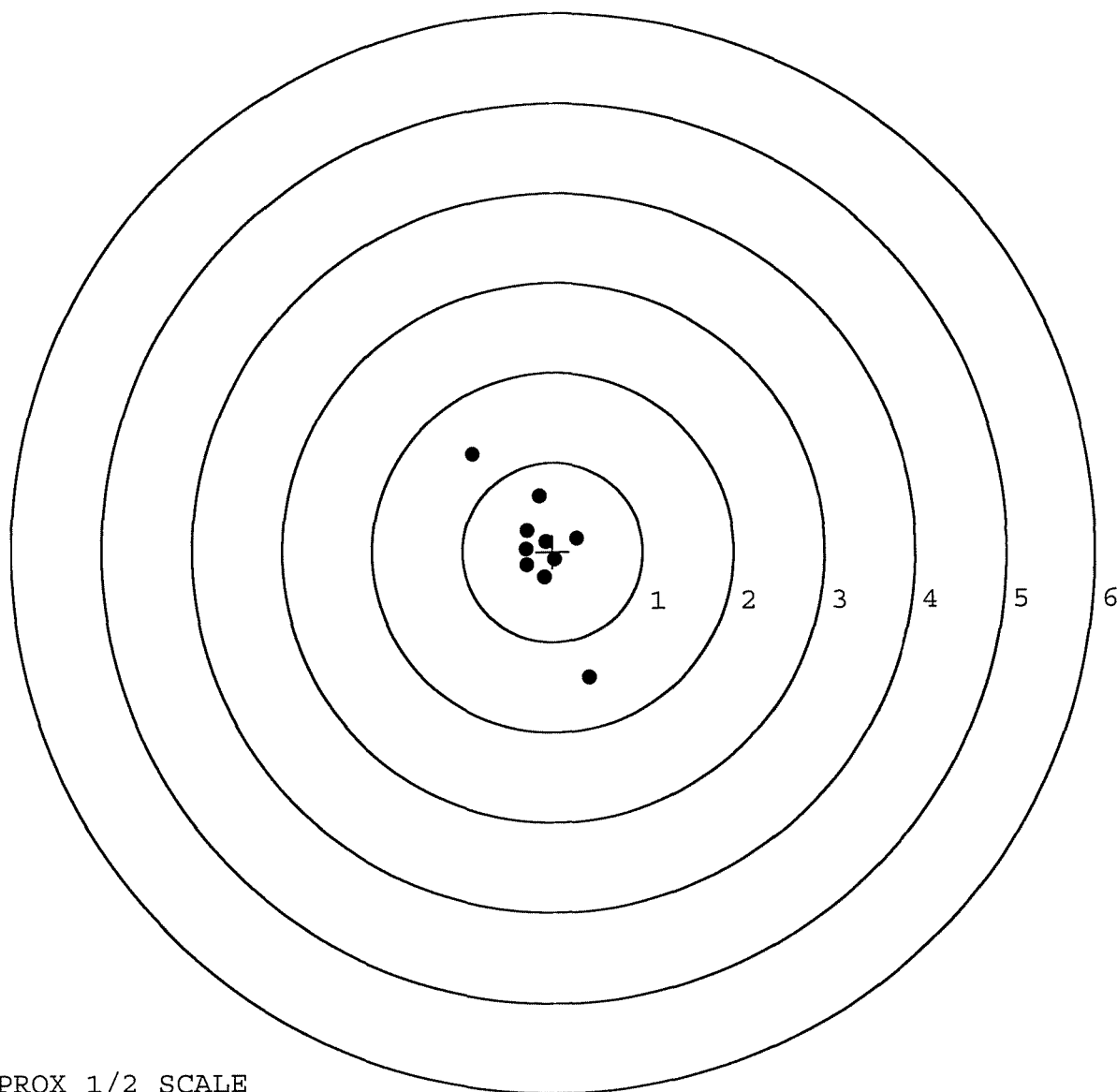


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522318. __0
TARGET NUMBER: 4
FILE DATE: 06/30/2006
FILE TIME: 17:47

X CENTROID: -0.137
Y CENTROID: 0.032
POA TO CENTROID: 0.141
HORZ SPREAD: 1.288
VERT SPREAD: 2.495
GROUP SPREAD: 2.808
MIN RADIUS: 0.098
MAX RADIUS: 1.530
MEAN RADIUS: 0.511
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.406	-1.398
2:	-0.882	1.097
3:	-0.147	0.623
4:	0.272	0.147
5:	-0.079	0.111
6:	-0.284	0.236
7:	-0.297	0.029
8:	-0.291	-0.148
9:	-0.095	-0.288
10:	0.023	-0.087

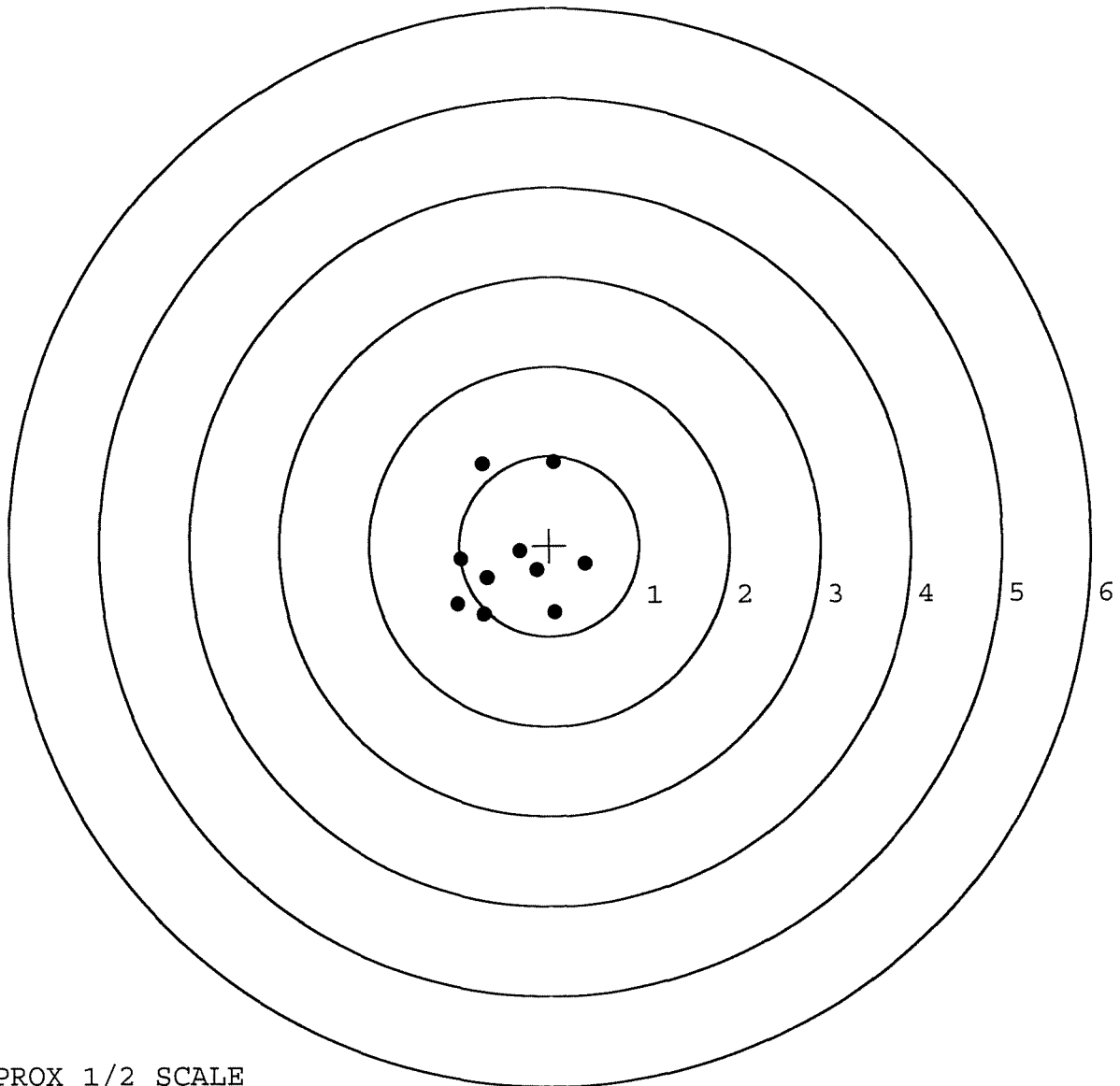


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522318.___0
TARGET NUMBER: 5
FILE DATE: 06/30/2006
FILE TIME: 17:47

X CENTROID: -0.416
Y CENTROID: -0.136
POA TO CENTROID: 0.437
HORZ SPREAD: 1.421
VERT SPREAD: 1.685
GROUP SPREAD: 1.907
MIN RADIUS: 0.111
MAX RADIUS: 1.160
MEAN RADIUS: 0.668
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.047	0.928
2:	-0.743	0.916
3:	0.395	-0.205
4:	0.056	-0.741
5:	-0.143	-0.279
6:	-0.333	-0.061
7:	-0.983	-0.153
8:	-0.698	-0.356
9:	-1.026	-0.649
10:	-0.728	-0.757



TARGET APPROX 1/2 SCALE

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: DAAE-20-02-C-0149

R & E NUMBER	113011		
SERIAL NUMBER	C6522318		
LOG-IN DATE	5-30-06		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	6-16-06	RTZ
505	RE-BARREL	6-20-06	RTZ
420	ASSEMBLE	6-20-06	RTZ
440	PROOF	MAGNA-FLUX INSPECTED 6-20-06	TRW
460	CHECK HEADSPACE	6-20-06	TRW
470	DIS-ASSEMBLE GUN	JUN 23 2006 6-21-06	RTZ
480	MAGNAFLUX	OPERATOR <i>crus</i> 6/23/06	<i>crus</i>
510	DRILL AND TAP	6-22-06	TRW
500	ROLLMARK CALIBER	6-22-06	CW
520	GOFF BLAST BBL / REC	6-23-06	LB
530 & 540	APPLY COATINGS	6/28/06	TRZ
560	FINAL ASSEMBLY	6-30-06	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL	6-30-06 MTM
650	TARGET	<u>PASS</u> FAIL	6-30-06 MTM
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION	7-6-06	AC
	A) HEADSPACE	<u>PASS</u> FAIL	7-6-06 AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS N/A	AC
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX 6 lbs 6 lbs 6 lbs	AC
	G) SAFETY OFF FORCE	2 LBS MIN 3 lbs 3 lbs 3 lbs	AC
	I) FIRING PIN INDENT	.020 .022 .022 .022	AC
690	PACK	7-10-06	RA

F006 REV 5/2006

FINAL INSPECTION CHECKLIST

BARREL ASSEMBLY

BARREL

RECEIVER

FRONT SIGHT BASE

REAR SIGHT BASE

SCREWS

FINISH

STOCK ASSEMBLY

STOCK

SLING SWIVEL STUDS

BUTT PATE

LOCK NUTS

BARREL CLEARANCE

COLOR / FINISH

SCOPE ASSEMBLY

SCOPE

SCOPE RINGS

MOUNTING SCREWS

MOUNTING BASE

SCREWS

FINISH

CLARITY

SYSTEM CASE

SCOPE CASE

IRON SIGHTS

DEPLOYMENT KIT

TRIGGER ASSEMBLY

SAFETY OPERATION

RE-SET TO FACTORY
SPECS

COMMENTS: _____

F006 REV 5/2006




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

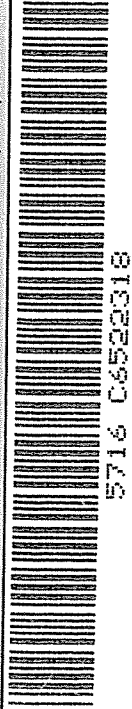
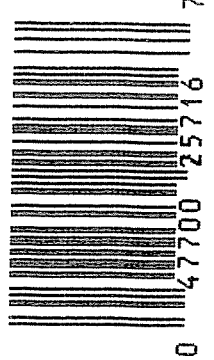
MODEL 700™ H24

SERIAL NO.
C6522318

ORDER NO.
5716

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

UPC



CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522318
31 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.772586
1 TO	2	.179011
1 TO	3	.340414
1 TO	4	.0358469
1 TO	5	.292857

+⁵₂ <----FOR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .6566
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1514
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .673829
THE AMP FOR THIS RIFLE IS: .9496

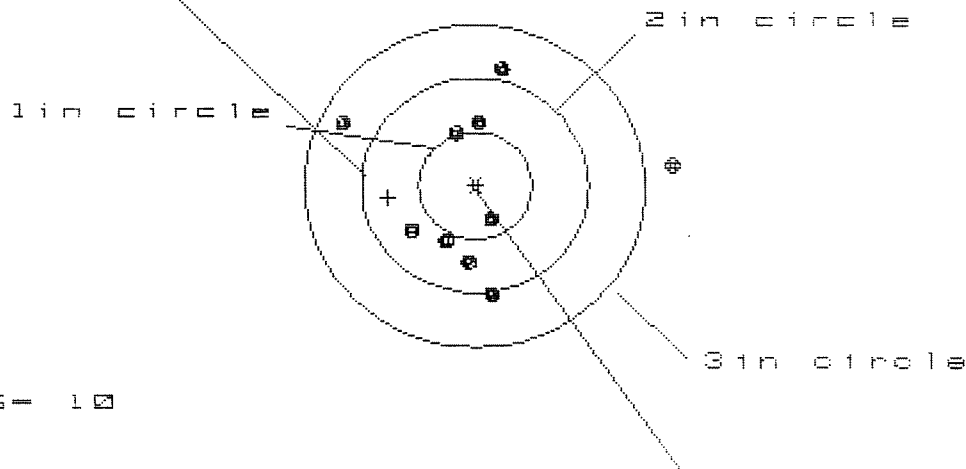
31 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C6522318

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1 in = 1

2 in = 6

3 in = 9

HS= 2.916

VS= 2.095

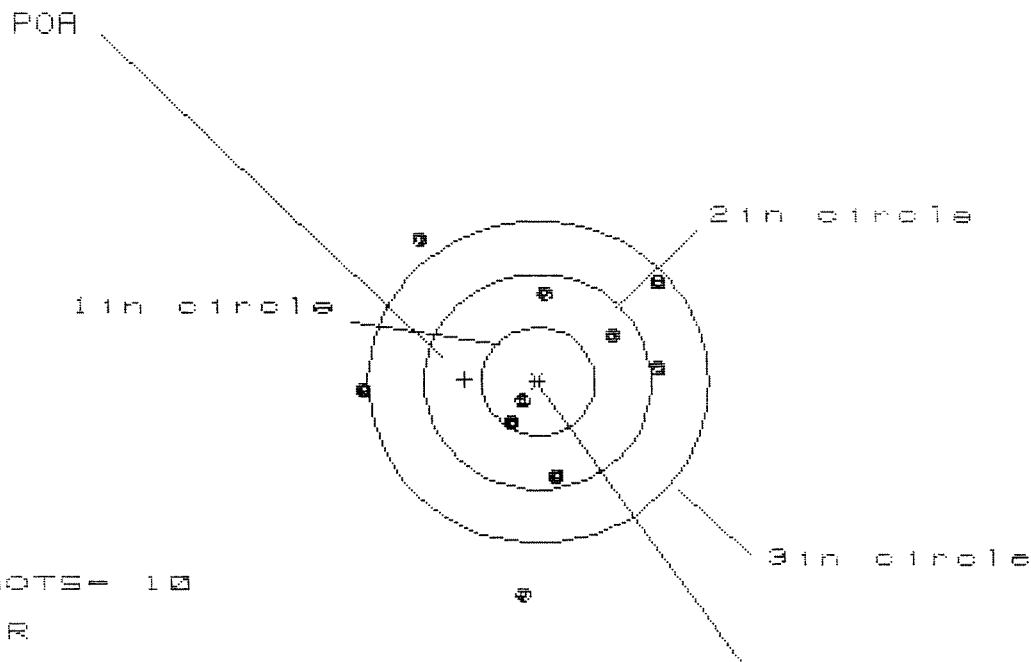
GS= 2.946

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.739	.444	.321
MINIMUM X	-1.177	-.984	-.496
MAXIMUM Y	1.089	1.107	1.183
MINIMUM Y	-1.006	-.988	-.912
CENTROID X	.765	.572	.695
CENTROID Y	.108	.090	.014
POA TO CENTROID in.	.773	.579	.695
MIN RADIUS	.336	.445	.303
MEAN RADIUS	.865	.748	.679
MAX RADIUS	1.747	1.193	1.226
HORIZONTAL SPREAD	2.916	1.428	.817
VERTICAL SPREAD	2.095	2.095	2.095
EXTREME SPREAD	2.946	2.101	2.101
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	9		

31 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522318

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 2.590

VS= 3.275

CS= 3.384

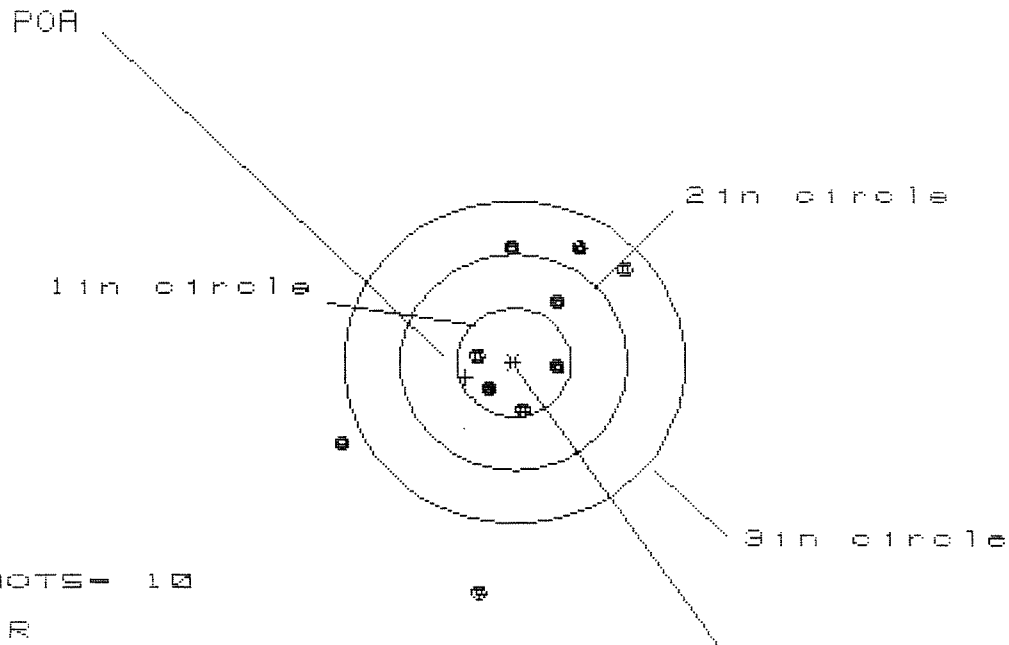
CENTROID #

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.058	1.042	.915
MINIMUM X	:	-1.532	-1.548	-1.675
MAXIMUM Y	:	1.384	1.085	.790
MINIMUM Y	:	-1.971	-1.131	-.995
CENTROID X	:	.643	.659	.786
CENTROID Y	:	-.023	.196	.060
POA TO CENTROID in.	:	.644	.688	.788
MIN RADIUS	:	.181	.384	.339
MEAN RADIUS	:	1.077	.982	.891
MAX RADIUS	:	1.976	1.583	1.686
HORIZONTAL SPREAD	:	2.590	2.590	2.590
VERTICAL SPREAD	:	3.275	2.216	1.785
EXTREME SPREAD	:	3.384	2.770	2.770
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		7	

31 Aug 1998

FILE: \PATTERNING\CENTERFIRE_PATT\08522318

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 5

3 in = 8

HS= 2.527

VS= 3.218

GS= 3.328

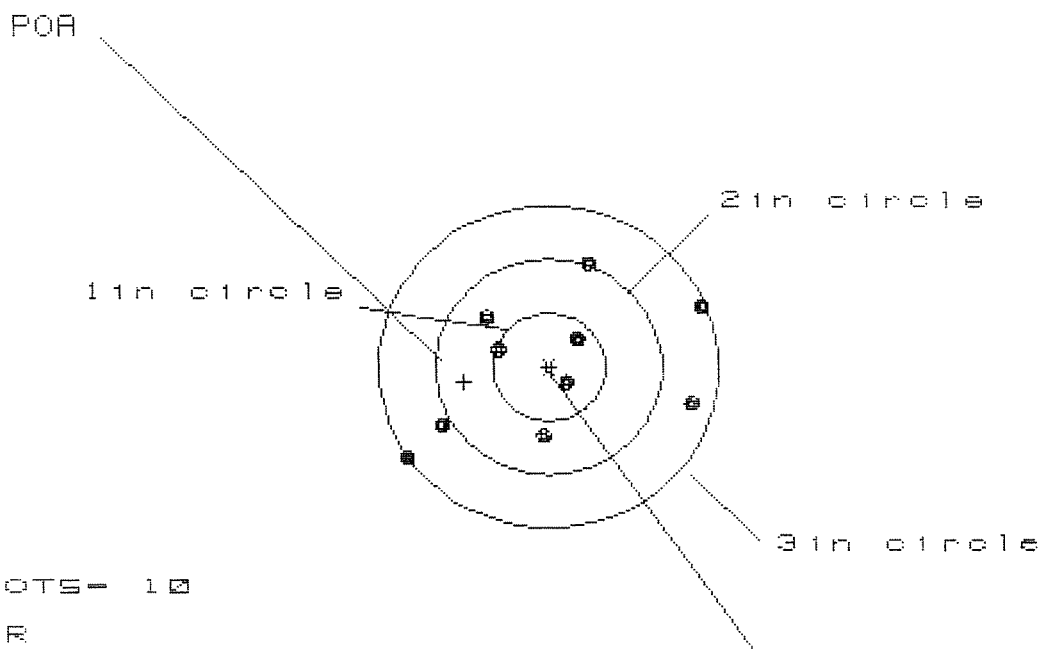
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.014	.979	.786
MINIMUM X	:	-1.513	-1.548	-.516
MAXIMUM Y	:	1.101	.866	.745
MINIMUM Y	:	-2.117	-.974	-.764
CENTROID X	:	.426	.461	.654
CENTROID Y	:	.139	.374	.495
POA TO CENTROID in.	:	.448	.593	.821
MIN RADIUS	:	.291	.373	.205
MEAN RADIUS	:	.942	.797	.648
MAX RADIUS	:	2.140	1.829	.915
HORIZONTAL SPREAD	:	2.527	2.527	1.302
VERTICAL SPREAD	:	3.218	1.840	1.509
EXTREME SPREAD	:	3.328	2.972	1.637
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

31 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/08522318

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 3

2in = 5

3in = 10

HS= 2.527

VS= 1.819

GS= 2.886

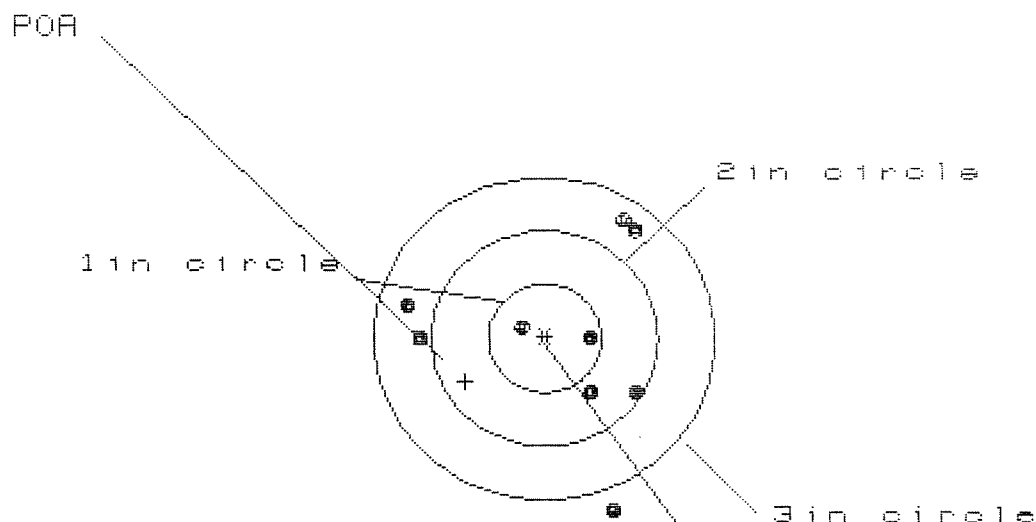
CENTROID *

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.323	1.190	1.243
MINIMUM X	:	-1.204	-1.116	-.968
MAXIMUM Y	:	.987	.895	.953
MINIMUM Y	:	-.832	-.729	-.671
CENTROID X	:	.747	.880	.732
CENTROID Y	:	.139	.231	.173
POA TO CENTROID in.	:	.760	.910	.752
MIN RADIUS	:	.163	.214	.198
MEAN RADIUS	:	.868	.798	.721
MAX RADIUS	:	1.463	1.279	1.292
HORIZONTAL SPREAD	:	2.527	2.306	2.211
VERTICAL SPREAD	:	1.819	1.624	1.624
EXTREME SPREAD	:	2.886	2.538	2.218
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

31 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/C8522318

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 4

3in = 9

HS= 1.965

VS= 2.696

GS= 2.697

CENTROID #

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.775	.845	.927
MINIMUM X	:	-1.190	-1.120	-1.014
MAXIMUM Y	:	1.080	.901	1.009
MINIMUM Y	:	-1.616	-.695	-.587
CENTROID X	:	.702	.632	.526
CENTROID Y	:	.394	.573	.465
POA TO CENTROID in.	:	.805	.853	.702
MIN RADIUS	:	.226	.159	.038
MEAN RADIUS	:	.996	.910	.847
MAX RADIUS	:	1.733	1.212	1.344
HORIZONTAL SPREAD	:	1.965	1.965	1.941
VERTICAL SPREAD	:	2.696	1.596	1.596
EXTREME SPREAD	:	2.697	2.185	2.146
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6522318

DATE 8/29/90

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.31	2.33	2.23	2.04	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.32	2.23	2.26	2.06	
PULL #3	2.32	2.31	2.31	2.10	
PULL #4	2.30	2.25	2.33	2.14	
PULL #5	2.28	2.28	2.20	2.20	
TOTAL	11.53	11.40	11.33	10.54	
AVG.	2.306	2.28	2.266	2.108	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.16	3.24		
PULL #2	3.16	3.36		
PULL #3	3.17	3.37		
PULL #4	3.39	3.50		
PULL #5	3.45	3.32		
TOTAL	16.33	16.79		
AVG.	3.266	3.358		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.36	4.11		4.29
PULL #2	4.20	4.26		4.21
PULL #3	4.10	4.39		4.31
PULL #4	4.22	4.17		4.24
PULL #5	4.28	4.35		4.38
TOTAL	21.16	21.28		21.43
AVG.	4.232	4.256		4.286

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522318

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	8 2	90	RW
600	Proof	8 2	90	RW
607	Check Headspace	8 2	90	RW
610	Dis-assemble Gun	8 2	90	RW
612	Magnaflux Barrel Action		8/7/90	KR
	Magnaflux Bolt		8/7/90	KR
615	Rollmark Caliber		8/7/90	LS
617	Drill and Tap Sight Holes		8/10/90	FB
618	Polish Barrel <i>RVB</i>		8/14/90	WB
620	Apply Coatings (Barrel Action)		8-22-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/24/90	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/24/90	RW
	C) Inspect Ejector Hole for Chamfer		8/24/90	RW
	D) Oil Firing Pin Ass'y		8/24/90	RW
	E) Adjust Trigger Pull to Min Setting and Stake		8/29/90	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			8/29/90	WLB
	G) Safety Off Force	3	3	3			8/29/90	WLB
	H) Trigger Pull Test & Retainability						8/29/90	JM
	I) Firing Pin Indent	.024	.0235	.0235			8/29/90	WLB
	J) Assemble Stock						8/30/90	RW
	K) Assemble Swivel Studs						9/5/90	JL
	L) Attach Front and Rear Sight Assemblies						8/30/90	RW
	M) Iron Sight Alignment						8/30/90	RW
	N) Detach Front & Rear Sights & place in numbered container						8/30/90	RW
	O) Attach Scope to Rifle						8/30/90	RW
	P) Detach & Attach Scope 20 Times						8/30/90	RW
640	Gallery Target & Test						8-31-90	DH
	A) Time						8-31-90	DH
	B) Malfunctions						8-31-90	DH
	C) Pierced Primers						8-31-90	DH
	D) Optical Clarity of Scope						8-31-90	DH
645	Inspect for Live Ammo						8-31-90	DH
655	Final Inspection							
	A) Headspace						9/5/90	JL
	B) Trigger Pull	2.04	2.06	2.10	2.14	2.20	9-4-90	JM
	C) Function						9/5/90	JL
660	Pack						9-18-90	JM