

C6611611

MODEL 700™ M24

Model **SMS**™

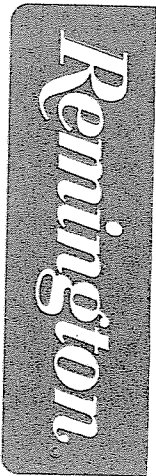
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



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: RE00165952

Serial: C6611611 Model M24 SWS Center Fire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 4/7/2009 2:40:08 PM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: SPC DEVI PRETIKA

SPC DEVI PRETIKA

Address 1: 91ST MP DET

91ST MP DET

Address 2: 1690 22ND STREET

PO Box:

1690 22ND STREET

PO Box:

City: FT. POLK

FT. POLK

State: LA

Zip Code: 71459

Country: US

State: LA

Zip Code: 71459

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	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Fit and Rear Sgt Base	1
D000	SCOPE PROTECTOR	1

Refresh

Close

Repair Search

Refresh

Close

nagletj

4/7/2009

3:13 PM

CAPS

NUM

INS

SCRL



6 Microsoft ...

The Associate...

7 Microsoft O...

Arms Services ...

2 SAP Logon ...

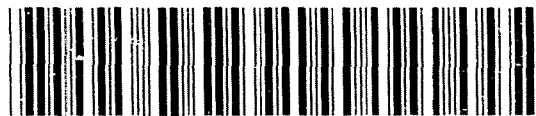
EasyForm MSL ...

3:13 PM

Flash
suppress or

Serial Number: C6611611

Model: M24 SWS



RE00165952

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER <u>165952</u>			
SERIAL NUMBER <u>06611611</u>			
LOG-IN DATE <u>4-3-09</u>			
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	4-4-09	RTZ
505	RE-BARREL		
420	ASSEMBLE		
440	PROOF		
460	CHECK HEADSPACE		
470	DIS-ASSEMBLE GUN		
480	MAGNAFLUX		
510	DRILL AND TAP		
500	ROLLMARK CALIBER		
520	GOFF BLAST BBL / REC		
530 & 540	APPLY COATINGS		
560	FINAL ASSEMBLY		
640	FUNCTION TEST AND	PASS	FAIL
650	TARGET	PASS	FAIL
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	263 267 266 268 266	4-15-09 RP
680	F) SAFETY ON FORCE	6 6.5 6.5	4-17-09 W W
	G) SAFETY OFF FORCE	4 4 3.5	4-17-09 W W
	I) FIRING PIN INDENT	.024 .023 .024	4-17-09 W W
690	PACK		

F006 REV 1/2009

BARBER - M24 0079578

MAINTENANCE REQUEST For use of this form, see DA PAM 750-8; the proponent agency is DCS, G-4.			PAGE NO	NO OF PAGES	REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)
SECTION I - CUSTOMER DATA			SECTION II - MAINTENANCE ACTIVITY DATA		
1a. UIC CUSTOMER W0VFAA	1b. CUSTOMER UNIT NAME 91st MP DET	1c. PHONE NO 337-531-4742	3a. WORK ORDER NUMBER (WON)	3b. SHOP	3c. PHONE NO
2a. SAMS-2 UIC/SAMS-I/TDA	2b. UTILIZATION CODE	2c. MCSR	4a. UIC SUPPORT UNIT	4b. SUPPORT UNIT NAME	
SECTION III - EQUIPMENT DATA					
5. TYPE MNT REQ CODE	6. ID	7. NSN 1005012402136	15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751		
8. MODEL			15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751		16. MILES/KILOMETERS/HOURS/ROUNDS M K
9. NOUN RIFLE 7.62MM SNIP M24					H R
10a. ORG WON/DOC NO	10b. EIC				
11. SERIAL NUMBER 5611611	12. QTY 001	13. PD	17. PROJECT CODE (if assigned)	18. ACCOUNT PROCESSING CODE	19. IN WARRANTY? (enter Y or N)
14. MALFUNCTION DESCRIPTION (for DSU, GSU/AVIM, DEPOT use)			20. ADMIN NO		
			21. REIMBURSABLE CUSTOMER (if Intransit customer enter Y or N)		
			22. LEVEL OF WORK		
			23. SIGNATURE		
24. DESCRIBE DEFICIENCIES OR SYMPTOMS ON THE BASIS OF COMPLETE CHECKOUT AND DIAGNOSTIC PROCEDURES IN EQUIPMENT TM (Do not prescribe repairs)					
25. REMARKS POC: SPC Devi, Pretika 91st MP DET 1690, 22nd ST FT. POLK, LA, 71459					
SECTION I			SECTION III (Cont'd)		
Block 1a. Enter UIC of submitting organization. Block 1b. Enter name of submitting organization. Block 1c. Enter number to be called when maint. is completed. Block 2a. Enter UIC of supporting SAMS-2/SAMS-I/TDA if work is requested while intransit and away from your support maintenance unit. Block 2b. Enter utilization code. See DA Pamphlets 738-750 and 738-751. Block 2c. Enter "Y" if reportable under AR 700-138. If not, leave blank.			Block 12. Enter the quantity of items being submitted. Block 13. Enter the maintenance priority designator determined from DA PAM 710-2-1. Block 14. For DSU, GSU/AVIM, DEPOT use. Block 15a. Enter the code that most accurately describes when the fault or deficiency was detected. See DA Pamphlets 738-750 and 738-751. Block 15b. Select one. Enter the code. See DA Pamphlets 738-750 and 738-751. Block 16. Enter the accumulated usage data in blocks, when equipment is subject to usage reporting. Block 17. Enter the project code if one has been assigned. If not, leave blank. Block 18. See DA Pamphlets 738-750 and 738-751. Block 19. Enter "Y" or "N" to indicate whether equipment is still under manufacturer's warranty. Block 20. Enter the admin number assigned for property control purposes for the equipment being submitted. Block 21. For DSU/GSU/AVIM/Depot use. Block 22. Enter level of work performed "O" for UNIT LEVEL/AVUM, "F" for DSU/AVIM, "H" for GSU, "D" for DEPOT, "K" for contractor or "L" for Spc Rpr Act. Block 23. Enter the signature of the CO or the CO's designated representative when the priority designator is 01-10. For priority designators 11-15, leave blank. Block 24. Enter a brief description of the deficiencies or symptoms that you feel require attention at this level of maint. Block 25. Self-explanatory.		
SECTION II					
Leave blank. To be completed by the support maintenance DSU/GSU/AVIM/DEPOT.					
SECTION III					
Block 5. Enter the Type Maintenance Request Code. See DA Pamphlets 738-750 and 738-751. Block 6. Enter ID associated with block 7. See DA Pamphlets 738-750 and 738-751. Block 7. Enter the NSN or stock number of the item being submitted. Block 8. Enter model of item being submitted. Block 9. Enter noun/nomenclature of item being submitted. Block 10a. Enter Work Order Number (WON)/DOC NO assigned when item is submitted. Otherwise, leave blank. Block 10b. Enter End Item Code. See AMDF. Block 11. Enter serial number of item being submitted.					
34a. SUBMITTED BY P.O.	35a. ACCEPTED BY	35c. DATE	Block 34a. Enter first initial and last name of submitter. Block 34b. Enter ordinal date submitted (YYDDD). Block 35a. Enter first initial and last name of person accepting maint. request. Block 35b. Enter the initial status. See DA Pamphlets 738-750 and 738-751. Block 35c. Enter ordinal date accepted (YYDDD). Block 35d. Enter military time.		
34b. DATE	35b. STATUS	35d. TIME			

DA FORM 2407, JUL 94

PREVIOUS EDITIONS OF DA FORM 2407 AND DA FORM 5504 ARE OBSOLETE

RECEIPT COPY 1

Repair Inquiry

Repair Number: RE00126161

Serial: C6611611 Model M24 SWS Center Fire

Repairman:

Verify Repair

Status:

New 3/6/2007 7:42:52 AM

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEPARTMENT OF THE ARMY

DEPARTMENT OF THE ARMY

Address 1: 91ST. MP.DET.

91ST. MP.DET.

Address 2: SGT. DAVIS R.

PO Box:

SGT. DAVIS R.

PO Box:

City: FORT POLK

FORT POLK

State: LA

Zip Code: 71459

Country: US

State: LA

Zip Code: 71459

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
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

nagletj

3/6/2007

7:55 AM

CAPS

NUM

INS

SCRL

start

6 Micr...

Arms S...

Part Se...

6 Micr...

4 Inte...

My Doc...

7:55 AM

Serial
Number:

C6611611

Model: M24 SWS



RE00126161

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611611.___0
FILE DATE AND TIME: 03/26/2007 22:55

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

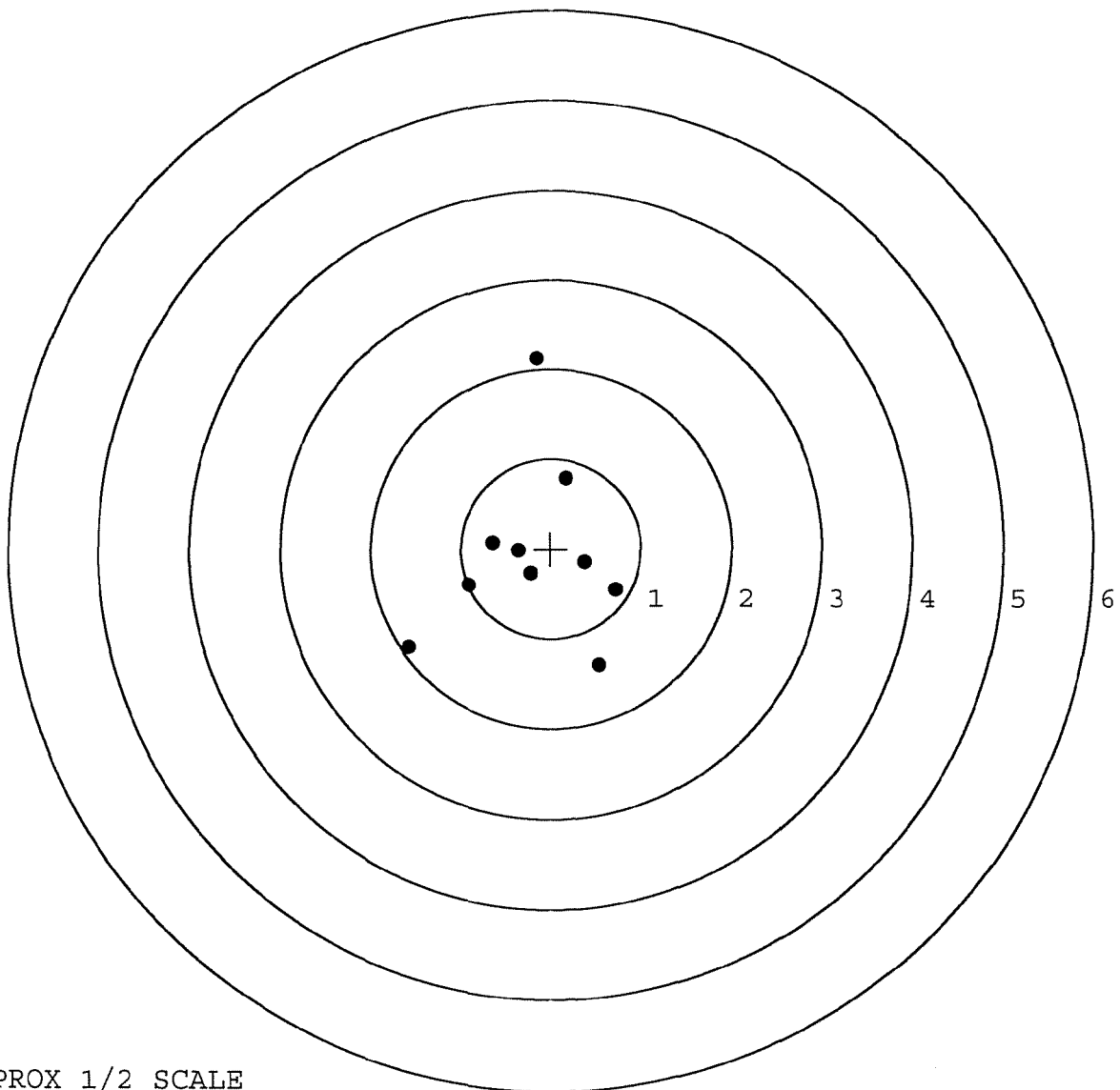
The Average X Centroid of the Five Target Set:	-0.142
The Average Y Centroid of the Five Target Set:	-0.082
The Average Point of Impact of the Five Target Set:	0.164
The Average Mean Radius of the Five Target Set:	0.814
The Distance from POA to Centroid Target #1:	0.218
The Distance from Centroid Target #2 to Centroid Target #1:	0.119
The Distance from Centroid Target #3 to Centroid Target #1:	0.088
The Distance from Centroid Target #4 to Centroid Target #1:	0.178
The Distance from Centroid Target #5 to Centroid Target #1:	0.282

BARBER - M24 0079581

SERIAL NUMBER: C6611611. __0
TARGET NUMBER: 1
FILE DATE: 03/26/2007
FILE TIME: 22:55

POINT#	X	Y
1:	-0.652	0.070
2:	-0.357	-0.022
3:	-0.221	-0.276
4:	0.385	-0.149
5:	0.725	-0.459
6:	0.541	-1.296
7:	0.172	0.784
8:	-0.155	2.116
9:	-0.909	-0.404
10:	-1.586	-1.096

X CENTROID: -0.206
Y CENTROID: -0.073
POA TO CENTROID: 0.218
HORZ SPREAD: 2.311
VERT SPREAD: 3.412
GROUP SPREAD: 3.516
MIN RADIUS: 0.160
MAX RADIUS: 2.190
MEAN RADIUS: 0.949
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 8



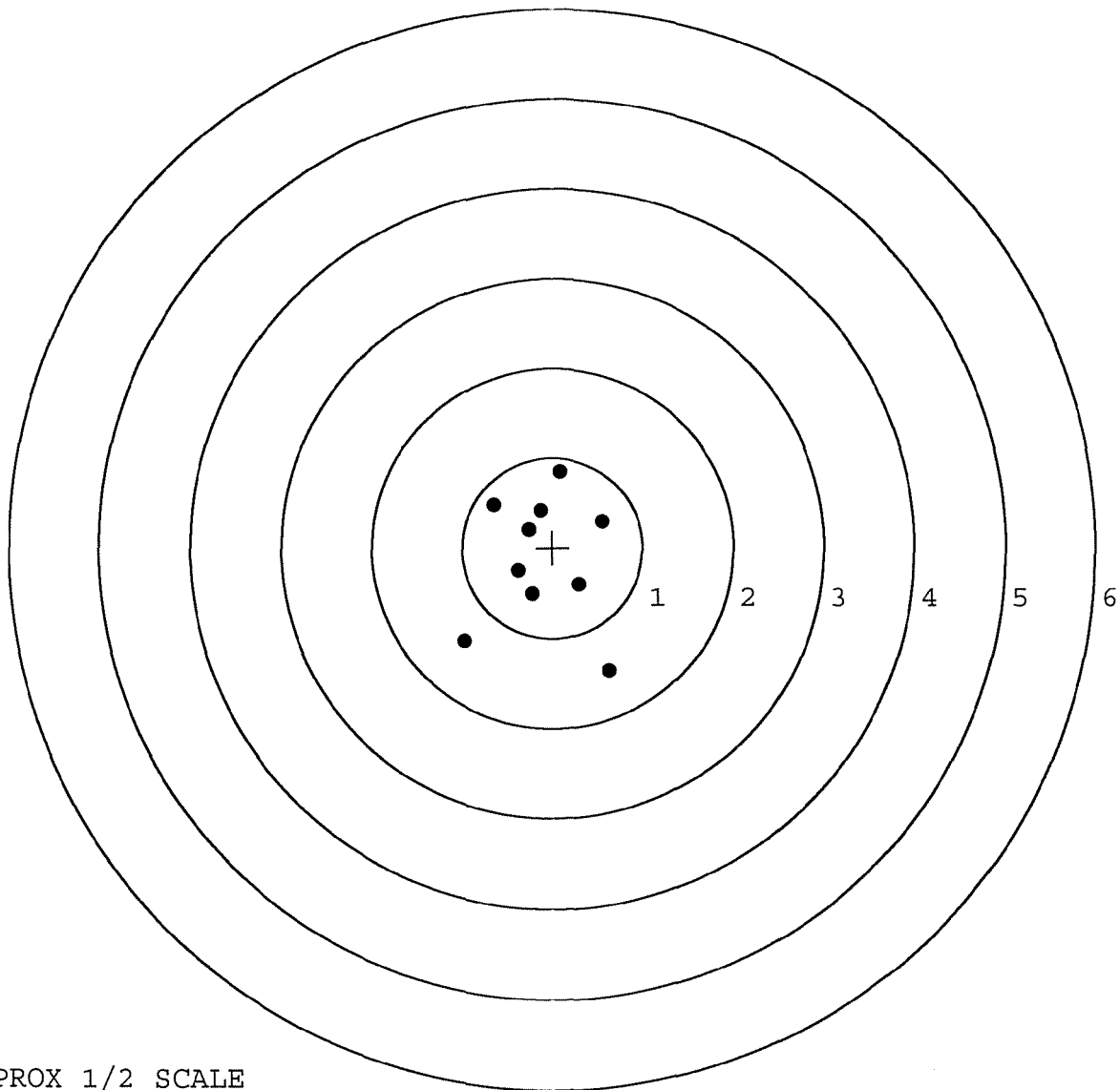
TARGET APPROX 1/2 SCALE

BARBER - M24 0079582

SERIAL NUMBER: C6611611. __0
TARGET NUMBER: 2
FILE DATE: 03/26/2007
FILE TIME: 22:55

POINT#	X	Y
1:	-0.653	0.474
2:	-0.266	0.197
3:	-0.132	0.412
4:	0.092	0.845
5:	0.558	0.289
6:	-0.380	-0.256
7:	-0.223	-0.518
8:	0.301	-0.407
9:	-0.978	-1.040
10:	0.637	-1.361

X CENTROID: -0.104
Y CENTROID: -0.136
POA TO CENTROID: 0.172
HORZ SPREAD: 1.615
VERT SPREAD: 2.206
GROUP SPREAD: 2.272
MIN RADIUS: 0.300
MAX RADIUS: 1.431
MEAN RADIUS: 0.740
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 7
in 3 IN DIAMETER: 10



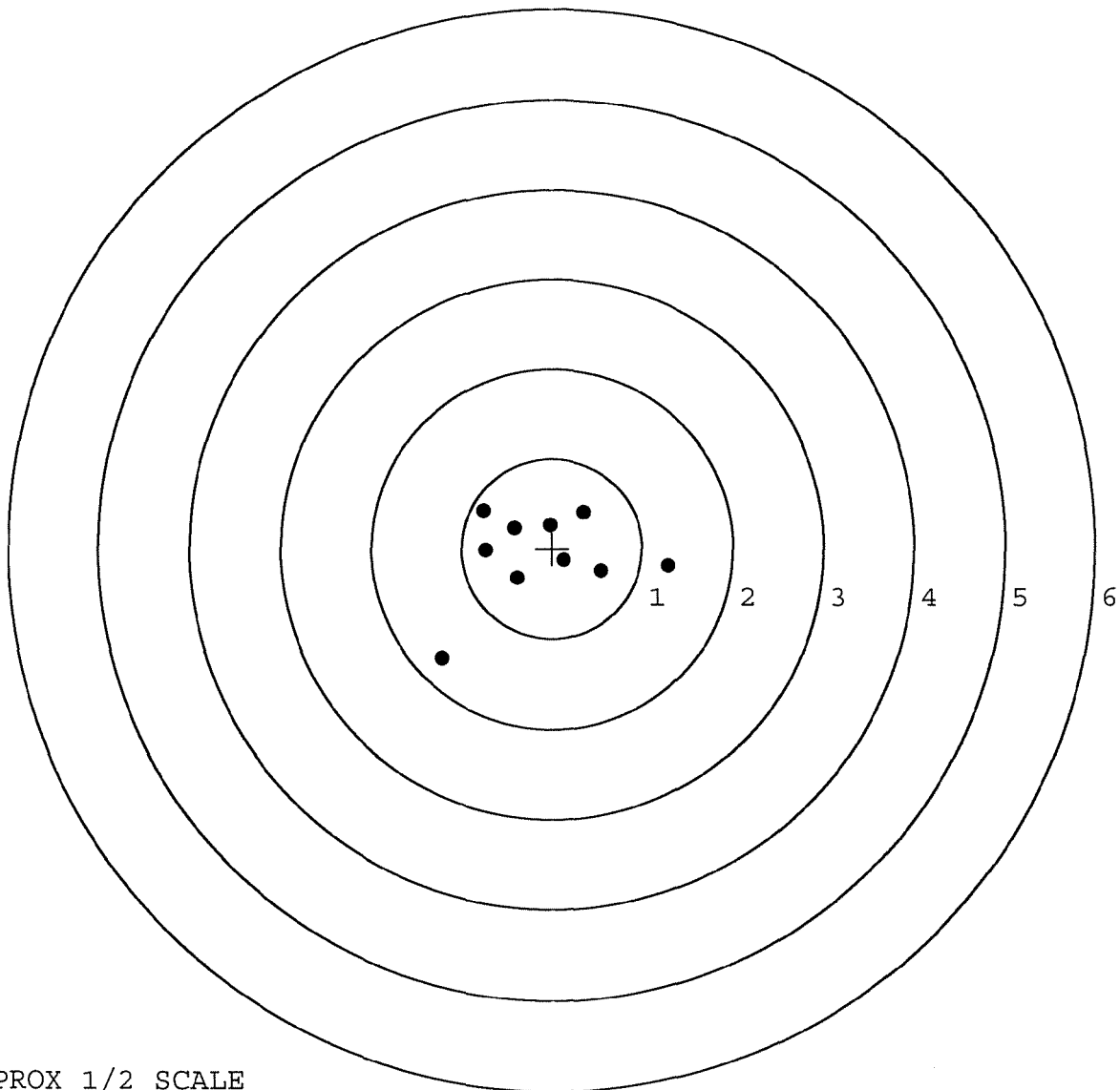
TARGET APPROX 1/2 SCALE

BARBER - M24 0079583

SERIAL NUMBER: C6611611. __0
TARGET NUMBER: 3
FILE DATE: 03/26/2007
FILE TIME: 22:55

POINT#	X	Y
1:	-0.757	0.420
2:	-0.728	-0.022
3:	-0.385	-0.334
4:	-0.419	0.222
5:	-0.021	0.256
6:	0.359	0.400
7:	0.137	-0.138
8:	0.549	-0.259
9:	1.289	-0.206
10:	-1.214	-1.222

X CENTROID: -0.119
Y CENTROID: -0.088
POA TO CENTROID: 0.148
HORZ SPREAD: 2.503
VERT SPREAD: 1.642
GROUP SPREAD: 2.701
MIN RADIUS: 0.261
MAX RADIUS: 1.576
MEAN RADIUS: 0.720
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 9



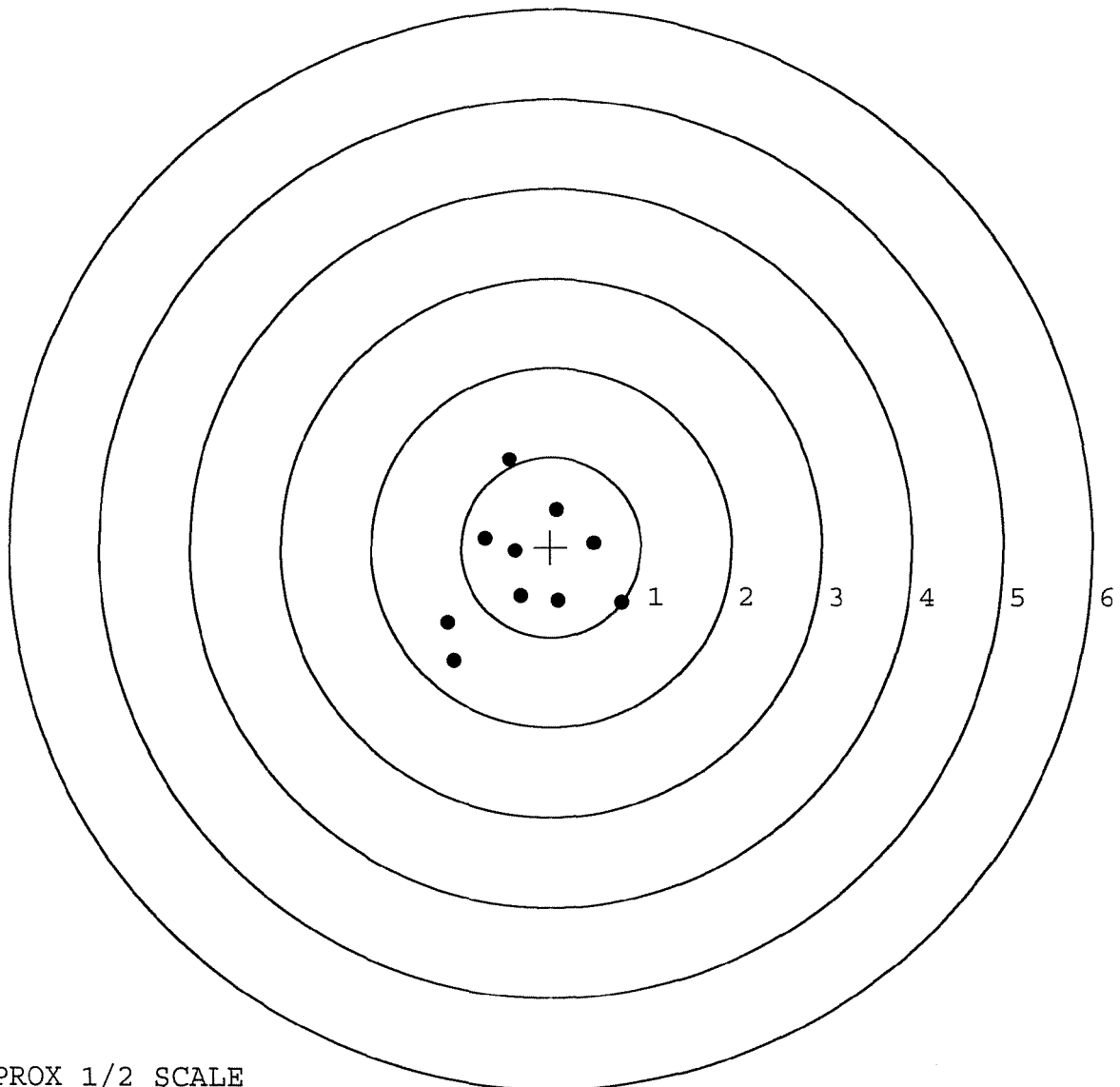
TARGET APPROX 1/2 SCALE

BARBER - M24 0079584

SERIAL NUMBER: C6611611. __0
TARGET NUMBER: 4
FILE DATE: 03/26/2007
FILE TIME: 22:55

POINT#	X	Y
1:	-0.460	0.974
2:	0.065	0.416
3:	0.478	0.053
4:	0.787	-0.619
5:	0.086	-0.600
6:	-0.339	-0.540
7:	-0.394	-0.046
8:	-0.737	0.106
9:	-1.147	-0.845
10:	-1.076	-1.273

X CENTROID: -0.274
Y CENTROID: -0.237
POA TO CENTROID: 0.362
HORZ SPREAD: 1.934
VERT SPREAD: 2.247
GROUP SPREAD: 2.330
MIN RADIUS: 0.226
MAX RADIUS: 1.310
MEAN RADIUS: 0.789
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 6
in 3 IN DIAMETER: 10



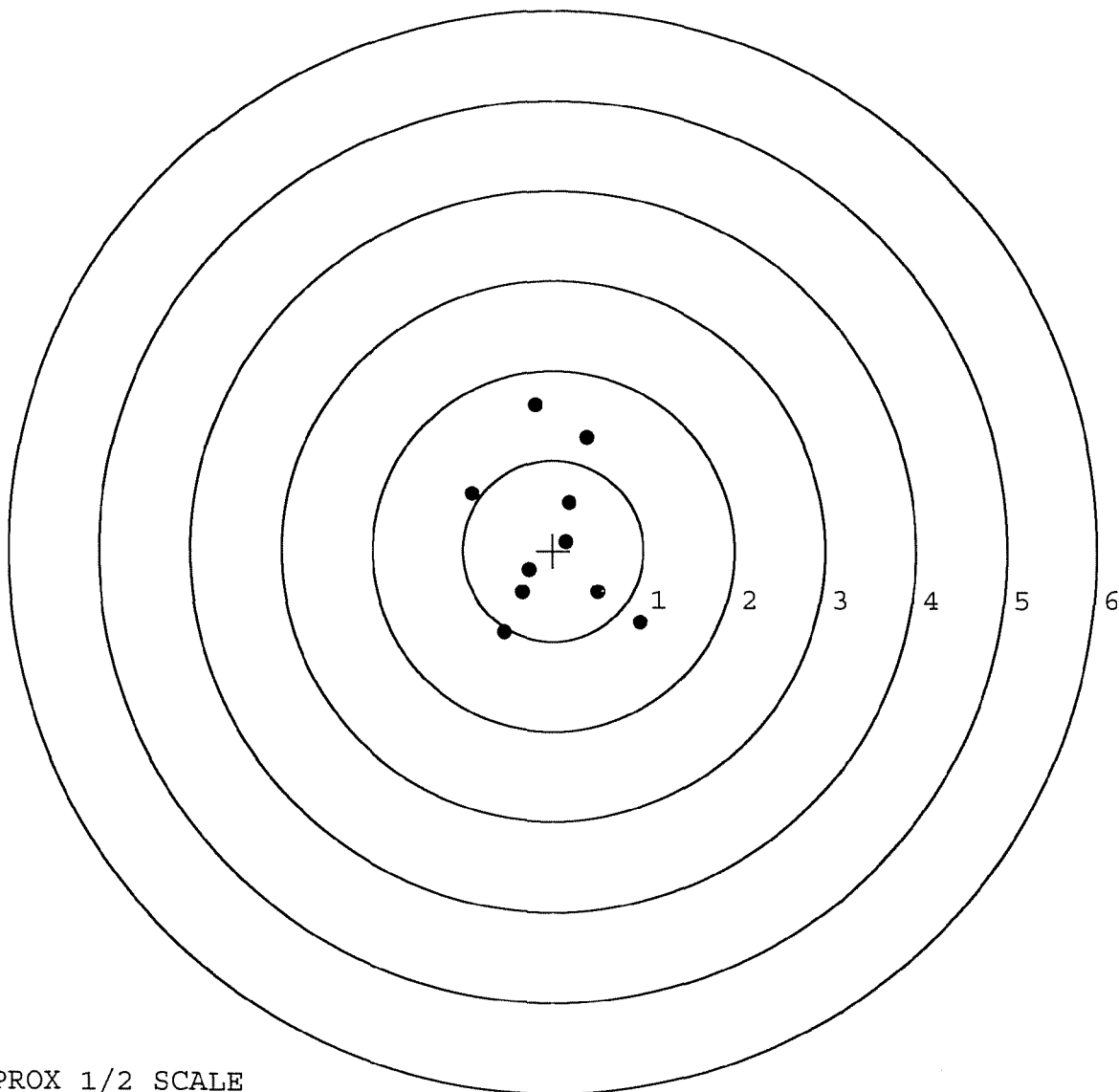
TARGET APPROX 1/2 SCALE

BARBER - M24 0079585

SERIAL NUMBER: C6611611. __0
TARGET NUMBER: 5
FILE DATE: 03/26/2007
FILE TIME: 22:55

POINT#	X	Y
1:	-0.896	0.629
2:	-0.205	1.618
3:	0.380	1.253
4:	0.183	0.533
5:	0.146	0.094
6:	-0.269	-0.214
7:	-0.343	-0.471
8:	-0.535	-0.909
9:	0.494	-0.466
10:	0.971	-0.801

X CENTROID: -0.007
Y CENTROID: 0.127
POA TO CENTROID: 0.127
HORZ SPREAD: 1.867
VERT SPREAD: 2.527
GROUP SPREAD: 2.690
MIN RADIUS: 0.157
MAX RADIUS: 1.504
MEAN RADIUS: 0.872
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 9



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	126161			
SERIAL NUMBER	C6611611			
LOG-IN DATE	5-6-07			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		3-8-07	RTZ
505	RE-BARREL		3-15-07	RTZ
560	ASSEMBLE		3-15-07	RTZ
600	PROOF		3-15-07	FM
605	CHECK HEADSPACE	INSPECTED	3-15-07	FM
610	DIS-ASSEMBLE GUN	MAR 20 2007	3-19-07	RTZ
612	MAGNAFLUX	OPERATOR <i>unint</i>	3/20/07	<i>unint</i>
510	DRILL AND TAP		3-20-07	TRW
615	ROLLMARK CALIBER		3-20-07	CW
618	ROTO-BLAST		3-21-07	CB
620	APPLY COATINGS		3/23/07	BB
625	FINAL ASSEMBLY		3-26-07	RTZ
640	FUNCTION TEST AND	<u>PASS</u> FAIL		
650	TARGET	<u>PASS</u> FAIL	3-26-07	<i>non</i>
	MALFUNCTION EPO	CORRECTION OK	4-2-07	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	4-2-07	FM
670	FINAL INSPECTION		4-9-07	<i>non</i>
	A) HEADSPACE	PASS FAIL	4-9-07	<i>non</i>
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.62 2.64 2.69 2.69 2.69 3-29-07	TRW
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS MAX	5.0 5.0 5.0 3-29-07	TRW
	G) SAFETY OFF FORCE	2 LBS MIN	2.25 2.75 2.75 3-29-07	TRW
	I) FIRING PIN INDENT	.020	.0235 .0225 .0225 3-29-07	TRW
690	PACK		4-18-07	RTZ

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

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

MODEL 700™ H24

SERIAL NO. C6611611

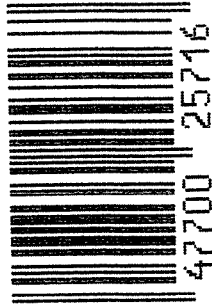
ORDER NO. 5716

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

20

5716 C6611611

LPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611611

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		3/19/91	K.S.
600	Proof		3/19/91	K.S.
607	Check Headspace		3/19/91	K.S.
610	Dis-assemble Gun		3/19/91	K.S.
612	Magnaflux Barrel Action		3/28/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GB
617	Drill and Tap Sight Holes	APR	3 1991	WB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-19-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		5/1/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		5/1/91	KS
	C) Inspect Ejector Hole for Chamfer		5/1/91	KS
	D) Oil Firing Pin Ass'y		5/1/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		5-10-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			5-10-91	DH
	G) Safety Off Force	3	3	3			5-10-91	DH
	H) Trigger Pull Test & Retainability						5-10-91	DH
	I) Firing Pin Indent	.020	.020	.021			5-10-91	DH
	J) Assemble Stock						5/10/91	KS
	K) Assemble Swivel Studs						5-20-91	AC
	L) Attach Front and Rear Sight Assemblies						5/10/91	KS
	M) Iron Sight Alignment						5/10/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/10/91	KS
	O) Attach Scope to Rifle						5/10/91	KS
	P) Detach & Attach Scope 20 Times						5/10/91	KS
640	Gallery Target & Test						5/15/91	KF
	A) Time							KF
	B) Malfunctions							KF
	C) Pierced Primers							KF
	D) Optical Clarity of Scope							KF
645	Inspect for Live Ammo						5/15/91	KF
655	Final Inspection							
	A) Headspace						5-20-91	AC
	B) Trigger Pull	2.38	2.31	2.27	2.26	2.28	5/20/91	AC
	C) Function						5-20-91	AC
660	Pack						6-14-91	AC

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. CCC11611

DATE 5-10-91

TESTER D.H.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.60	2.68	2.68	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.63	2.65	2.67	2.31	
PULL #3	2.63	2.60	2.55	2.27	
PULL #4	2.56	2.56	2.72	2.26	
PULL #5	2.60	2.59	2.69	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.06	3.11		
PULL #2	3.27	3.20		
PULL #3	3.03	2.92		
PULL #4	3.00	3.23		
PULL #5	3.11	3.29		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.38	4.18		4.09
PULL #2	4.40	4.26		4.15
PULL #3	4.43	4.29		4.16
PULL #4	4.42	4.26		4.14
PULL #5	4.41	4.24		4.11
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611611
15 May 1991

CENTROIDAL DISTANCES

Ø TO	1	.148405
1 TO	2	.458429
1 TO	3	.139445
1 TO	4	.341259
1 TO	5	.306232

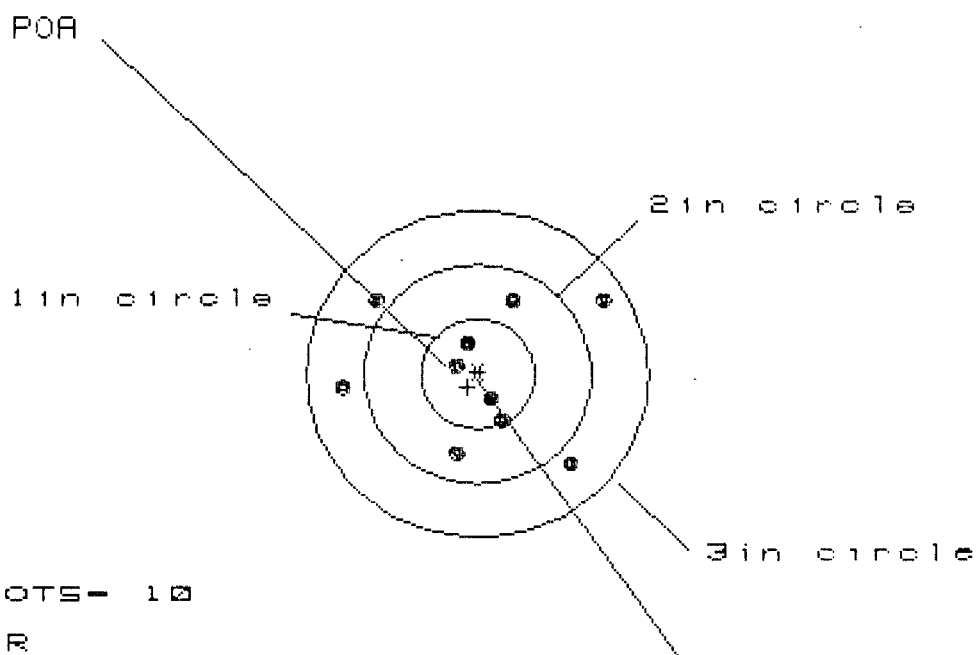
$\frac{4.2}{15}$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1904
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .1444
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .238963
THE AMR FOR THIS RIFLE IS: .9242

15 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611611

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 4

2 in = 6

3 in = 10

HS= 2.354

VS= 1.477

GS= 2.490

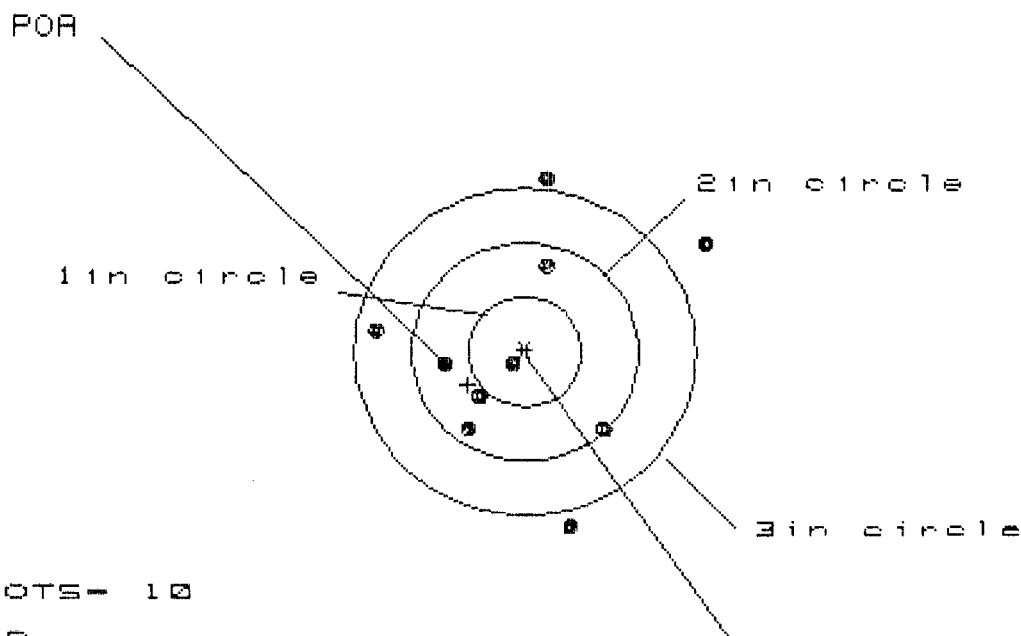
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.146	.970	.835
MINIMUM X	:	-1.208	-1.081	-.930
MAXIMUM Y	:	.702	.752	.748
MINIMUM Y	:	-.775	-.697	-.701
CENTROID X	:	.090	-.037	.098
CENTROID Y	:	.118	.040	.044
POA TO CENTROID in.	:	.148	.055	.107
MIN RADIUS	:	.221	.147	.190
MEAN RADIUS	:	.757	.682	.620
MAX RADIUS	:	1.344	1.195	1.193
HORIZONTAL SPREAD	:	2.354	2.051	1.765
VERTICAL SPREAD	:	1.477	1.449	1.449
EXTREME SPREAD	:	2.490	2.284	2.284
NUMBER IN ONE INCH CIRCLE	=	4		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	10		

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CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS= 2.932

VS= 3.162

GS= 3.169

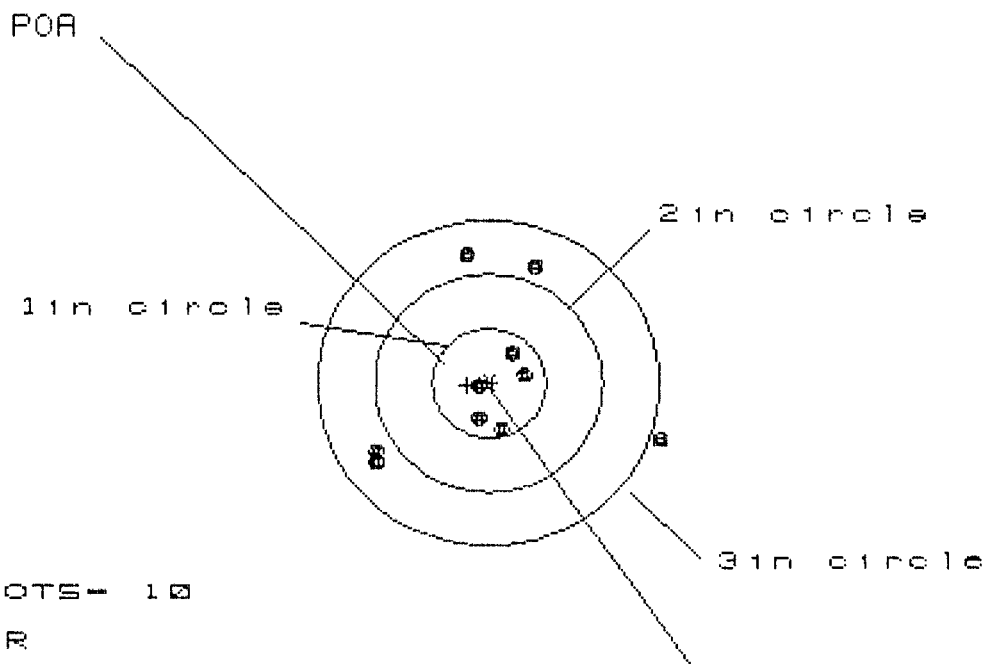
CENTROID #

PATTERN #	:	2	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.634	.905	.976
MINIMUM X	:	-1.298	-1.116	-1.046
MAXIMUM Y	:	1.553	1.667	1.480
MINIMUM Y	:	-1.609	-1.495	-.800
CENTROID X	:	.509	.327	.257
CENTROID Y	:	.304	.190	.377
POA TO CENTROID in.	:	.593	.379	.456
MIN RADIUS	:	.129	.092	.228
MEAN RADIUS	:	1.067	.921	.850
MAX RADIUS	:	1.927	1.706	1.542
HORIZONTAL SPREAD	:	2.932	2.021	2.021
VERTICAL SPREAD	:	3.162	3.162	2.280
EXTREME SPREAD	:	3.169	3.169	2.394
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	7		

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CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 5

2 in = 5

3 in = 9

HS= 2.490

VS= 1.939

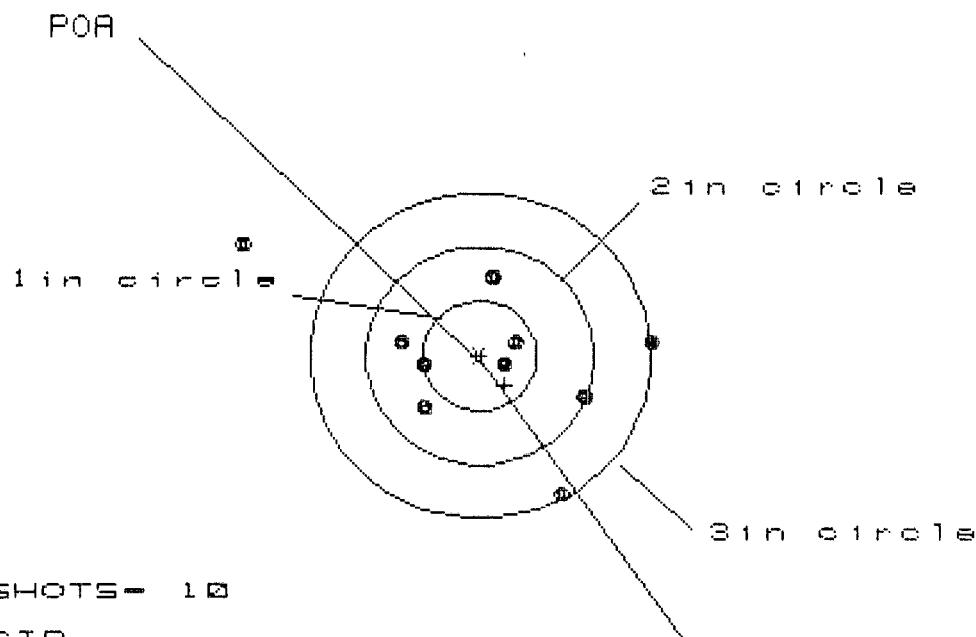
GS= 2.490

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.465	.559	.452
MINIMUM X	:	-1.025	-.862	-.969
MAXIMUM Y	:	1.205	1.151	1.052
MINIMUM Y	:	-.734	-.788	-.793
CENTROID X	:	.193	.030	.137
CENTROID Y	:	.024	.078	.177
POA TO CENTROID in.	:	.194	.084	.224
MIN RADIUS	:	.131	.064	.171
MEAN RADIUS	:	.792	.716	.653
MAX RADIUS	:	1.546	1.165	1.252
HORIZONTAL SPREAD	:	2.490	1.421	1.421
VERTICAL SPREAD	:	1.939	1.939	1.845
EXTREME SPREAD	:	2.498	2.274	2.204
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 4



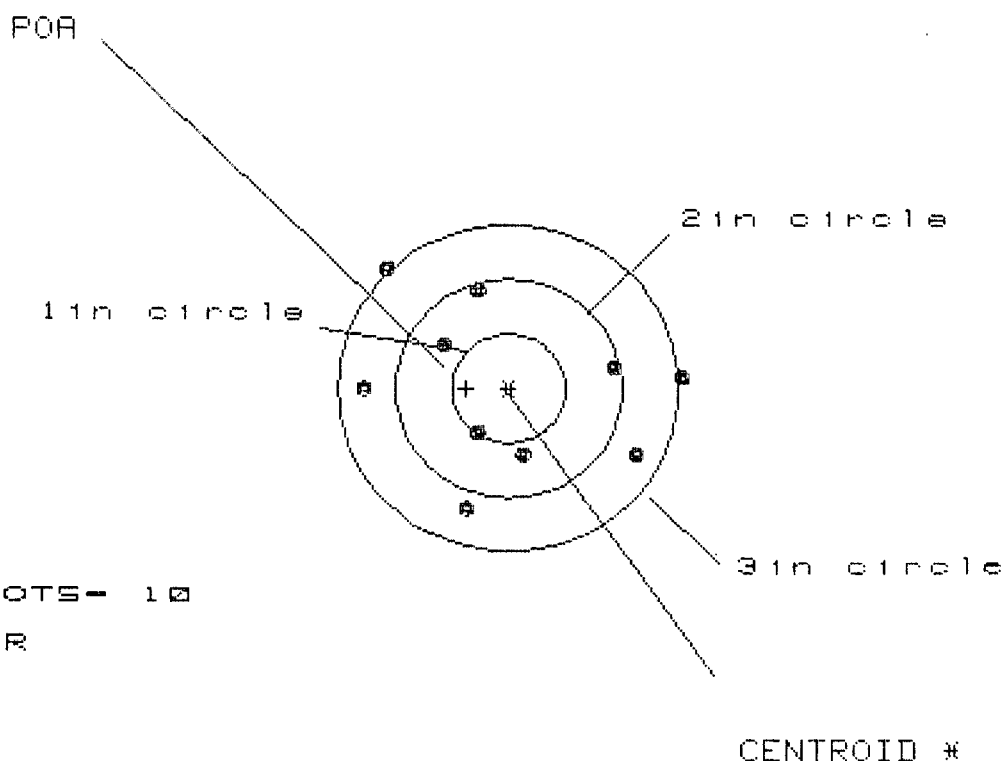
CENTROID *

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.518	1.284	.875
MINIMUM X	:	-2.111	-.934	-.774
MAXIMUM Y	:	1.014	.841	.875
MINIMUM Y	:	-1.270	-1.157	-1.123
CENTROID X	:	-.213	.021	-.139
CENTROID Y	:	.275	.162	.128
POA TO CENTROID in.	:	.348	.163	.189
MIN RADIUS	:	.187	.074	.123
MEAN RADIUS	:	.957	.788	.712
MAX RADIUS	:	2.342	1.312	1.303
HORIZONTAL SPREAD	:	3.629	2.218	1.649
VERTICAL SPREAD	:	2.284	1.998	1.998
EXTREME SPREAD	:	3.728	2.218	2.084
NUMBER IN ONE INCH CIRCLE	=	2		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 2.773

VS= 2.280

GS= 2.819

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.506	1.391	1.234
MINIMUM X	:	-1.266	-1.382	-1.208
MAXIMUM Y	:	1.143	1.063	1.086
MINIMUM Y	:	-1.137	-1.010	-0.987
CENTROID X	:	.373	.489	.315
CENTROID Y	:	.001	-.126	-.148
POA TO CENTROID in.	:	.374	.505	.348
MIN RADIUS	:	.469	.462	.315
MEAN RADIUS	:	1.048	.980	.904
MAX RADIUS	:	1.543	1.403	1.315
HORIZONTAL SPREAD	:	2.773	2.773	2.442
VERTICAL SPREAD	:	2.280	2.073	2.073
EXTREME SPREAD	:	2.819	2.774	2.513
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	8		