

C6611383

MODEL 700TM N24

Model **SWS** TM

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

05/07/08 14:24:26

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: RE00145189

Serial: C6611383 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:

Verify Repair

Status:

Closed 5/6/2008 9:21:12 AM

Address Information

Customer: Received From Return To: Received From

Name: 2D BN 5TH MARINES 2D BN 5TH MARINES

Address 1: Address 2: PO Box: PO Box:

City: CAMP PENDLETON CAMP PENDLETON

State: CA Zip Code: 92055 Country: US State: CA Zip Code: 92055 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
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

5/7/2008

2:24 PM

CAPS

NUM

INS

SCRL

Serial
Number:

C6611383

Reset

Model: M24 SWS



RE00145189

INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207

R & E NUMBER	145189		
SERIAL NUMBER	C66011383		
LOG-IN DATE	5-6-08		
OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	5-13-08	RTZ
505	RE-BARREL	5-14-08	RTZ
420	ASSEMBLE	5-14-08	RTZ
440	PROOF	5-14-08	TRW
460	CHECK HEADSPACE	5-14-08	TRW
470	DIS-ASSEMBLE GUN	5-14-08	RTZ
480	MAGNAFLUX	5-23-08	TRW
510	DRILL AND TAP	5-18-08	TRW
500	ROLLMARK CALIBER	5-19-08	CW
520	GOFF BLAST BBL / REC	5-27-08	DC
530 & 540	APPLY COATINGS	5-31-08	CW
560	FINAL ASSEMBLY	6-2-08	RTZ
640	FUNCTION TEST AND	7-22-08	TRW
650	TARGET	7-22-08	TRW
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS FAIL	
	B) TRIGGER PULL	2.53 2.44 2.50 2.52 2.54 10/17/08	Fm
680	F) SAFETY ON FORCE	3.5 3.5 3.5 10-17-08	XN
	G) SAFETY OFF FORCE	4.0 4.5 4.0 10-17-08	XN
	I) FIRING PIN INDENT	.021 .020 .020 10-17-08	XN
690	PACK	10/17/08	Fm

F006 REV 5/2006

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611383.__0
FILE DATE AND TIME: 07/22/2008 14:01

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

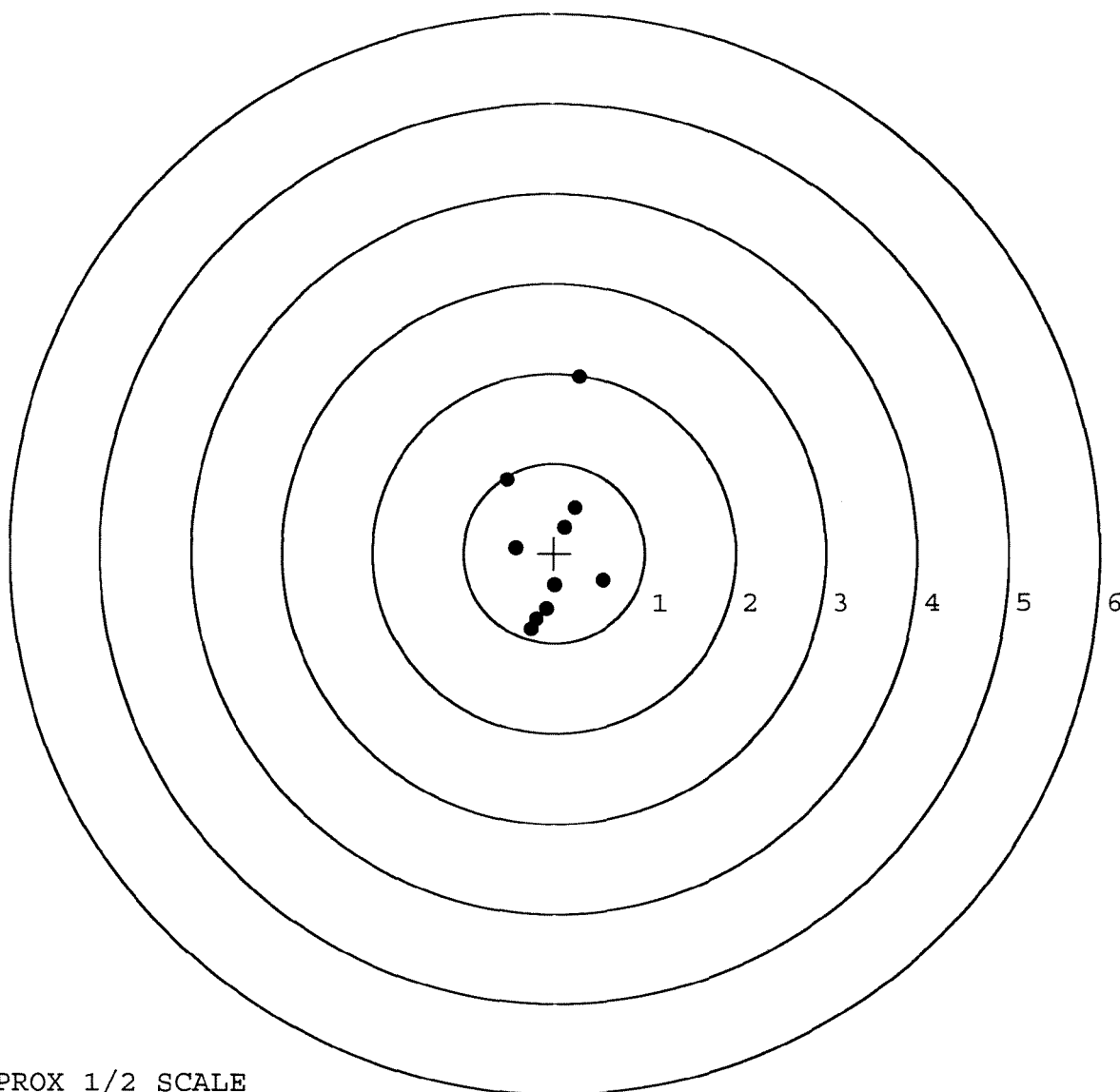
The Average X Centroid of the Five Target Set:	-0.065
The Average Y Centroid of the Five Target Set:	-0.005
The Average Point of Impact of the Five Target Set:	0.065
The Average Mean Radius of the Five Target Set:	0.569
The Distance from POA to Centroid Target #1:	0.081
The Distance from Centroid Target #2 to Centroid Target #1:	0.214
The Distance from Centroid Target #3 to Centroid Target #1:	0.064
The Distance from Centroid Target #4 to Centroid Target #1:	0.197
The Distance from Centroid Target #5 to Centroid Target #1:	0.208

SERIAL NUMBER: C6611383.____0
TARGET NUMBER: 1
FILE DATE: 07/22/2008
FILE TIME: 14:01

X CENTROID: -0.028
Y CENTROID: 0.076
POA TO CENTROID: 0.081
HORZ SPREAD: 1.061
VERT SPREAD: 2.813
GROUP SPREAD: 2.865
MIN RADIUS: 0.266
MAX RADIUS: 1.910
MEAN RADIUS: 0.758

IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 9
in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.542	-0.305
2:	0.011	-0.356
3:	-0.085	-0.622
4:	-0.257	-0.853
5:	-0.199	-0.740
6:	-0.422	0.055
7:	0.126	0.293
8:	0.234	0.513
9:	-0.519	0.814
10:	0.287	1.960

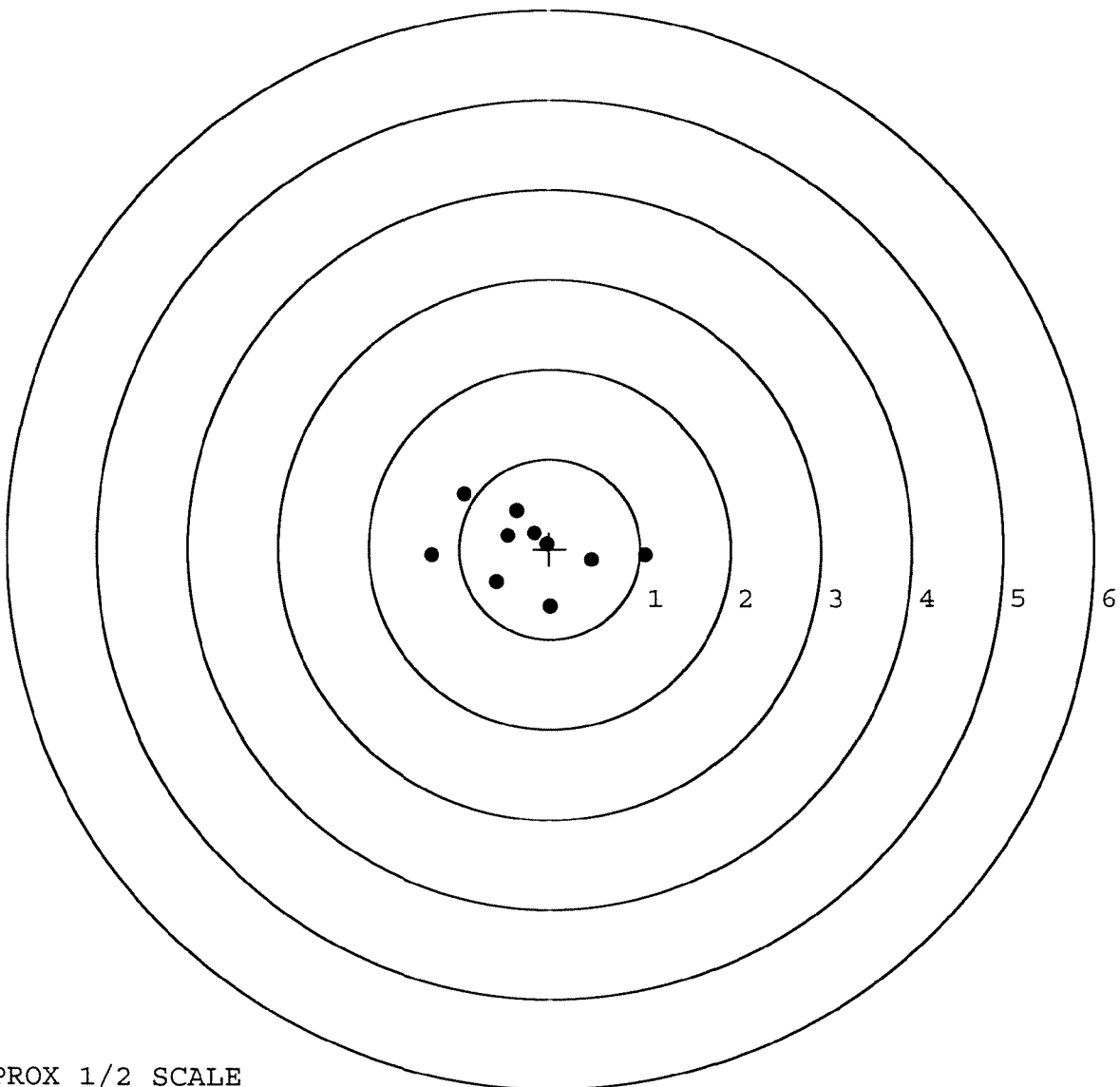


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611383. __0
TARGET NUMBER: 2
FILE DATE: 07/22/2008
FILE TIME: 14:01

X CENTROID: -0.233
Y CENTROID: 0.014
POA TO CENTROID: 0.234
HORZ SPREAD: 2.362
VERT SPREAD: 1.251
GROUP SPREAD: 2.362
MIN RADIUS: 0.173
MAX RADIUS: 1.294
MEAN RADIUS: 0.631
IN 1 IN DIAMETER: 4
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	1.058	-0.071
2:	0.466	-0.126
3:	0.013	-0.640
4:	-0.592	-0.369
5:	-1.304	-0.073
6:	-0.945	0.611
7:	-0.031	0.057
8:	-0.171	0.176
9:	-0.364	0.424
10:	-0.463	0.153

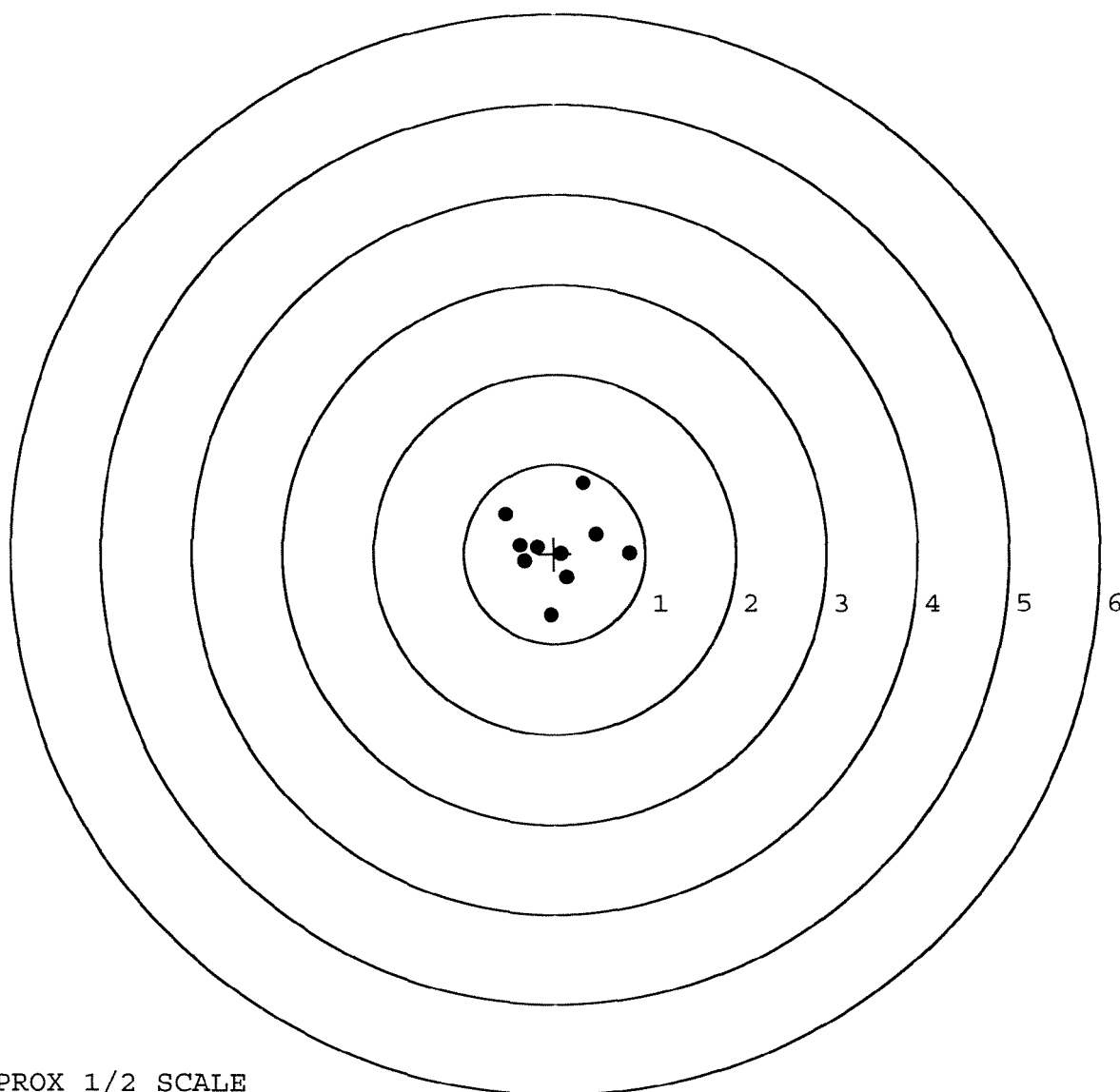


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611383. __0
TARGET NUMBER: 3
FILE DATE: 07/22/2008
FILE TIME: 14:01

X CENTROID: 0.034
Y CENTROID: 0.059
POA TO CENTROID: 0.068
HORZ SPREAD: 1.372
VERT SPREAD: 1.474
GROUP SPREAD: 1.437
MIN RADIUS: 0.069
MAX RADIUS: 0.799
MEAN RADIUS: 0.490
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.831	0.009
2:	0.455	0.214
3:	0.320	0.787
4:	-0.045	-0.687
5:	-0.541	0.436
6:	0.136	-0.262
7:	0.076	0.004
8:	-0.188	0.076
9:	-0.379	0.094
10:	-0.328	-0.084

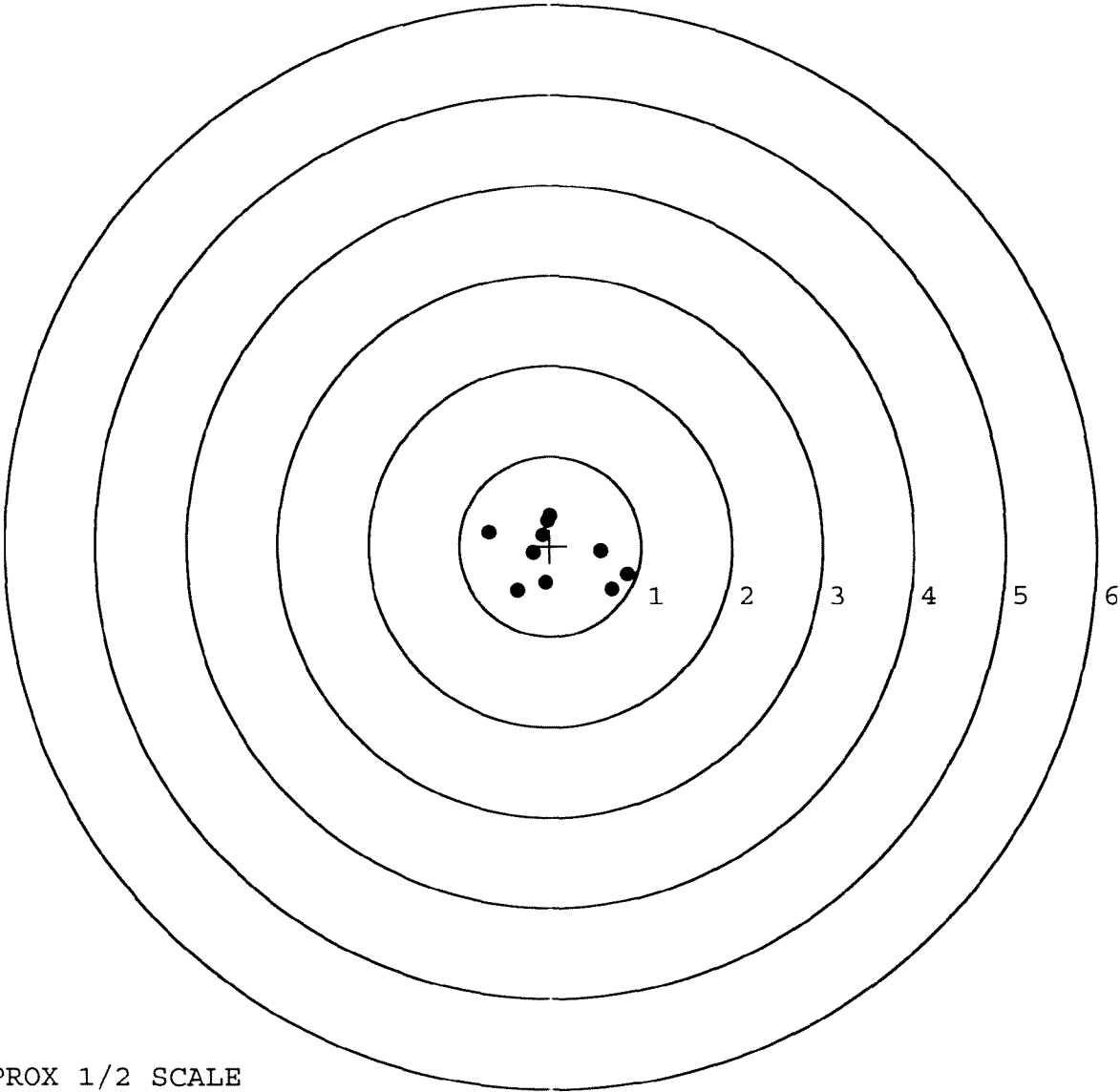


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611383.0
TARGET NUMBER: 4
FILE DATE: 07/22/2008
FILE TIME: 14:01

X CENTROID: 0.071
Y CENTROID: -0.095
POA TO CENTROID: 0.118
HORZ SPREAD: 1.521
VERT SPREAD: 0.834
GROUP SPREAD: 1.593
MIN RADIUS: 0.259
MAX RADIUS: 0.810
MEAN RADIUS: 0.509
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.684	-0.486
2:	0.851	-0.314
3:	0.559	-0.059
4:	0.000	0.336
5:	-0.083	0.124
6:	-0.670	0.159
7:	-0.187	-0.078
8:	-0.055	-0.410
9:	-0.360	-0.498
10:	-0.028	0.281

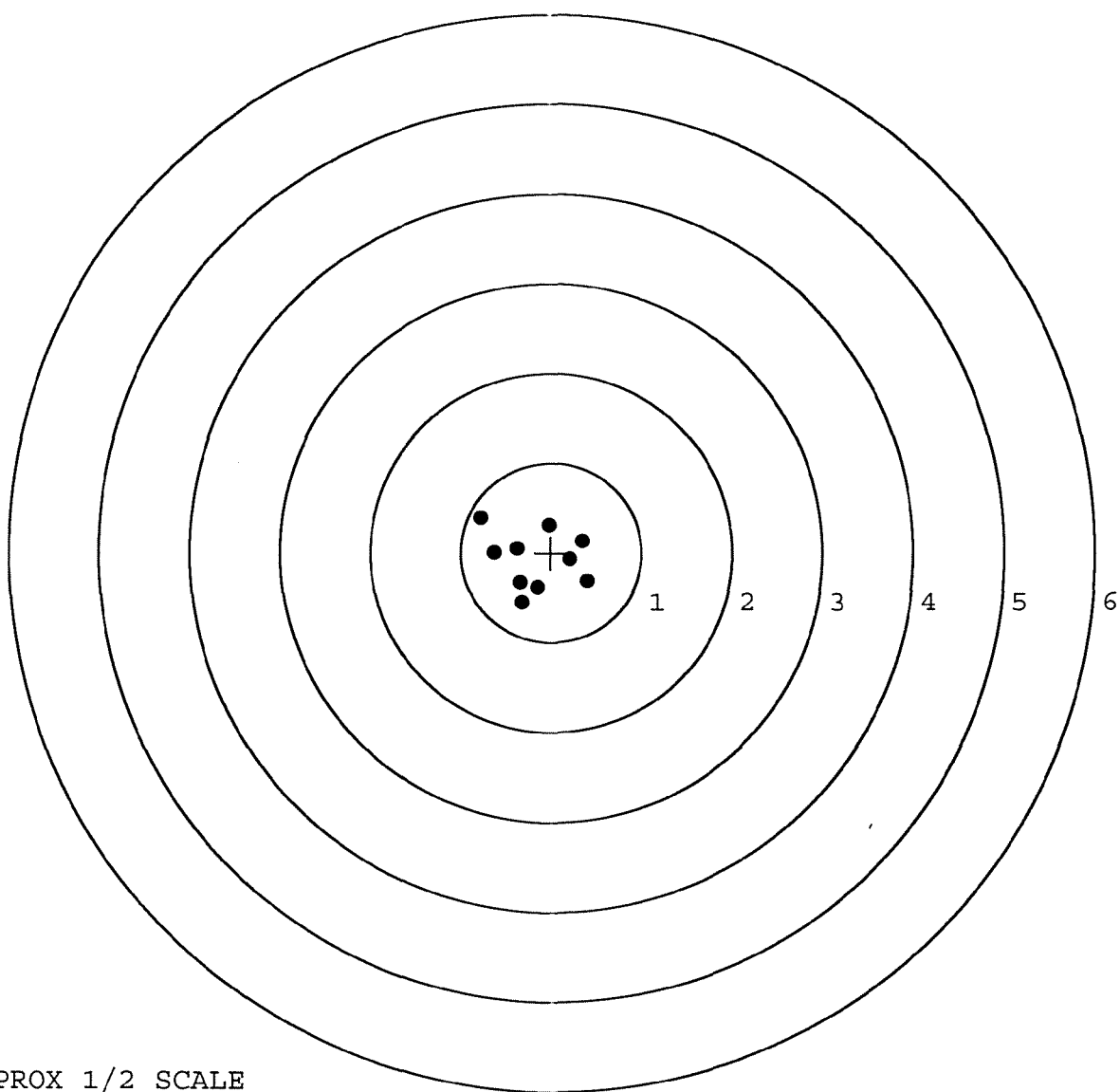


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611383. __0
TARGET NUMBER: 5
FILE DATE: 07/22/2008
FILE TIME: 14:01

X CENTROID: -0.167
Y CENTROID: -0.079
POA TO CENTROID: 0.185
HORZ SPREAD: 1.178
VERT SPREAD: 0.946
GROUP SPREAD: 1.376
MIN RADIUS: 0.244
MAX RADIUS: 0.770
MEAN RADIUS: 0.457
IN 1 IN DIAMETER: 6
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.400	-0.322
2:	0.207	-0.068
3:	0.347	0.128
4:	-0.026	0.312
5:	-0.327	-0.556
6:	-0.148	-0.388
7:	-0.342	-0.336
8:	-0.374	0.051
9:	-0.633	-0.004
10:	-0.778	0.390



TARGET APPROX 1/2 SCALE

Arms Services Repair & Estimate System

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

Repair Inquiry

Repair Number: **RE00093004** Serial: C6611383 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/18/1991 Repairman: Status: New 2/11/2005 7:13:44 AM

Verify Repair

Address Information

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

Name: DEF DIST DEPOT ANNISTON DEF DIST DEPOT ANNISTON

Address 1: Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL AL Zip Code: 362014199 362014199 Country: US US

FEL:

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: Fax: Email: Comments:

Received Condition: Good Condition Notes: CSP Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search Refresh Close

Traceback 2/11/2005 8:14 AM CAPS INUM INS SCPL

start 5 2 3 Arms Service

Serial Number: **C6611383**

Model: **M24 SWS**



RE00093004

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-02-D-0127

R & E NUMBER	93004		
SERIAL NUMBER	C-6611383		
LOG-IN DATE	5-12-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	N/A	
560 A	RE-BARREL		
B	DRILL AND TAP		
575	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625 A	FINAL ASSEMBLY		
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET		
655	FINAL INSPECT	5-12-05	N/A
660	PACK		
		SHIP DATE	
QAR INSPECTION DATE			

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

MODEL 700™ H24

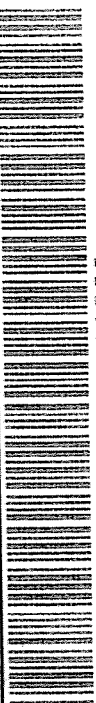
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.

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

SERIAL NO. C6611383

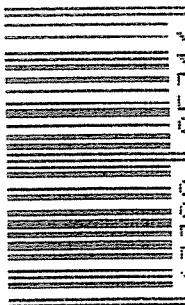
ORDER NO. 5716

20



5716 C6611383

UPC



0 47700 25716 7

M-24

1.97

GEM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611383

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1 25 91	RW
600	Proof		1 25 91	RW
607	Check Headspace		1 25 91	RW
610	Dis-assemble Gun	1 25	91	RW
612	Magnaflux Barrel Action	1 25	91	KR
	Magnaflux Bolt	1 25	91	KR
615	Rollmark Caliber	1 25	91	DS
617	Drill and Tap Sight Holes	1 30	91	FB
618	Polish Barrel <i>RB</i>	1 30	91	WB
620	Apply Coatings (Barrel Action)		2-10-91	TJ
	Apply Coating (Bolt)			
625	Final Assembly			
	A) Clean inside of Bolt Assembly		2/11/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/11/91	RW
	C) Inspect Ejector Hole for Chamfer		2/11/91	RW
	D) Oil Firing Pin Ass'y		2/11/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		2/16/91	JH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4	4	4			2/16/91	WB
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			2/16/91	WB
	H) Trigger Pull Test & Retainability						2/16/91	WB
	I) Firing Pin Indent	.0205	.021	.021			2/16/91	WB
	J) Assemble Stock						2/16/91	RW
	K) Assemble Swivel Studs						2-22-91	AC
	L) Attach Front and Rear Sight Assemblies						2/16/91	RW
	M) Iron Sight Alignment						2/16/91	RW
	N) Detach Front & Rear Sights & place in numbered container						2/16/91	RW
	O) Attach Scope to Rifle						2/16/91	RW
	P) Detach & Attach Scope 20 Times						2/16/91	RW
640	Gallery Target & Test						2-18-91	DH
	A) Time						2-18-91	DH
	B) Malfunctions						2-18-91	DH
	C) Pierced Primers						2-18-91	DH
	D) Optical Clarity of Scope						2-18-91	DH
645	Inspect for Live Ammo						2-18-91	DH
655	Final Inspection							
	A) Headspace						2-22-91	AC
	B) Trigger Pull	2.20	2.24	2.27	2.37	2.28	2/21/91	WB
	C) Function						2-22-91	AC
660	Pack						3-18-91	WB

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. 6611383

DATE 2/16/91

TESTER [Signature]

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.28	2.45	2.33	2.20	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.24	2.51	2.42	2.24	
PULL #3	2.33	2.29	2.28	2.27	
PULL #4	2.27	2.24	2.28	2.37	
PULL #5	2.19	2.27	2.32	2.28	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.20		
PULL #2	3.14	3.19		
PULL #3	3.23	3.28		
PULL #4	3.16	3.30		
PULL #5	3.28	3.17		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.44	4.25		4.13
PULL #2	4.16	4.24		4.26
PULL #3	4.39	4.26		4.25
PULL #4	4.32	4.27		4.19
PULL #5	4.30	4.18		4.29
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611383
13 FEB 1991

CENTROIDAL DISTANCES

0 TO	1	.382284
1 TO	2	.44909
1 TO	3	.968754
1 TO	4	.518313
1 TO	5	.504071

1
2
3

-----FOR

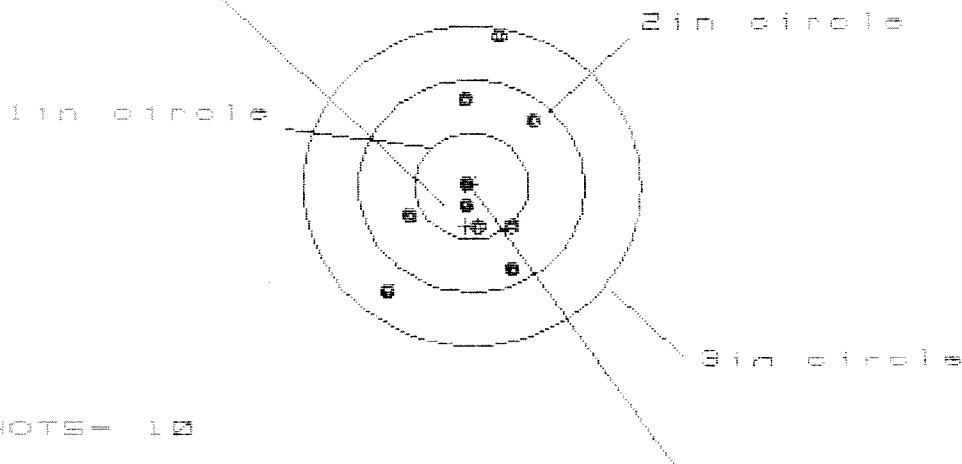
1. CENTER OF GRAVITY FOR THIS RIFLE IS: -.0356
2. CENTER OF GRAVITY FOR THIS RIFLE IS: -.0876
3. CENTER OF GRAVITY FOR THIS RIFLE IS: .0945575
4. CENTER OF GRAVITY FOR THIS RIFLE IS: .8568

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611383

CENTERFIRE PATTERNS # 1

FOR



OF SHOTS- 10

IN CIR

1in = 3

2in = 8

3in = 10

AS= 1.328

VS= 2.335

CS= 2.522

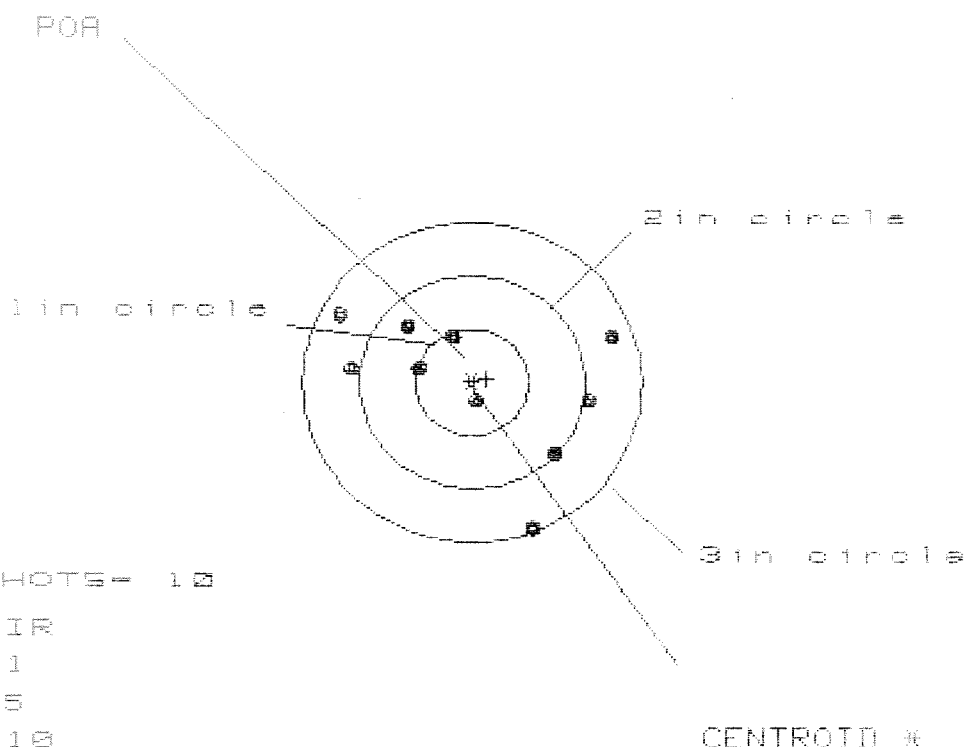
CENTROID #

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MINIMUM X	:	.586	.610	.520
MINIMUM Y	:	-.742	-.718	-.645
MAXIMUM X	:	1.376	1.011	.910
MAXIMUM Y	:	-.959	-.806	-.686
CENTROID X	:	.050	.026	.116
CENTROID Y	:	.379	.226	.327
FOR TO CENTROID in.	:	.382	.227	.347
MIN RADIUS	:	.078	.099	.162
ASR RADIUS	:	.696	.588	.540
APL RADIUS	:	1.392	1.080	.919
HORIZONTAL SPREAD	:	1.328	1.320	1.165
VERTICAL SPREAD	:	2.335	1.817	1.596
EXTREME SPREAD	:	2.522	2.075	1.640
NUMBER IN ONE INCH CIRCLE	=	3		
NUMBER IN TWO INCH CIRCLE	=	8		
NUMBER IN THREE INCH CIRCLE	=	10		

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8B113B3

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 1

2in = 5

3in = 10

HS= 2.328

VS= 1.968

GS= 2.549

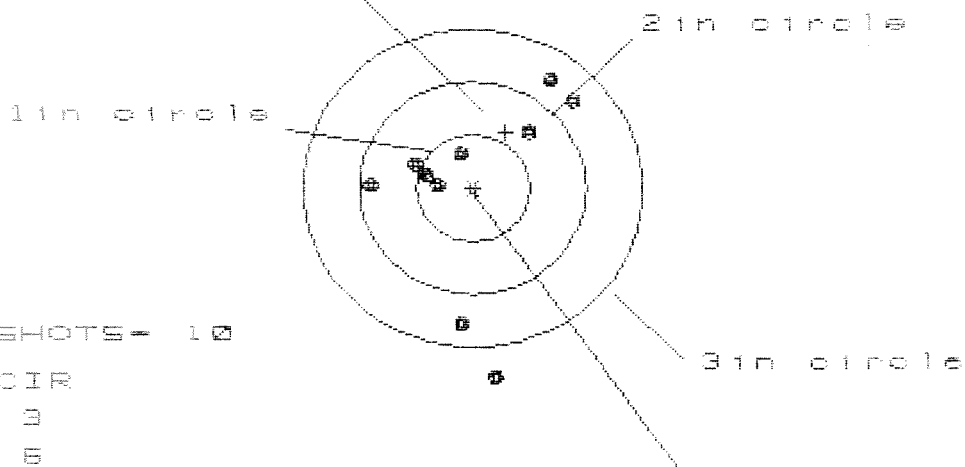
PATTERN #	2	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.197	1.252	1.117
MINIMUM X	-1.131	-1.076	-1.102
MAXIMUM Y	.643	.496	.496
MINIMUM Y	-1.325	-.830	-.768
CENTROID X	-.131	-.186	-.051
CENTROID Y	-.032	.115	.053
POA TO CENTROID in.	.135	.218	.073
MIN RADIUS	.144	.300	.231
MEAN RADIUS	.901	.829	.793
MAX RADIUS	1.412	1.274	1.157
HORIZONTAL SPREAD	2.328	2.328	2.219
VERTICAL SPREAD	1.968	1.326	1.264
EXTREME SPREAD	2.549	2.342	2.235
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	10		

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8811383

CENTERFIRE PATTERNS # 3

POA



OF SHOTS- 10

IN CIR

1in - 3

2in - 6

3in - 9

HS- 1.809

VS- 2.855

GS- 2.888

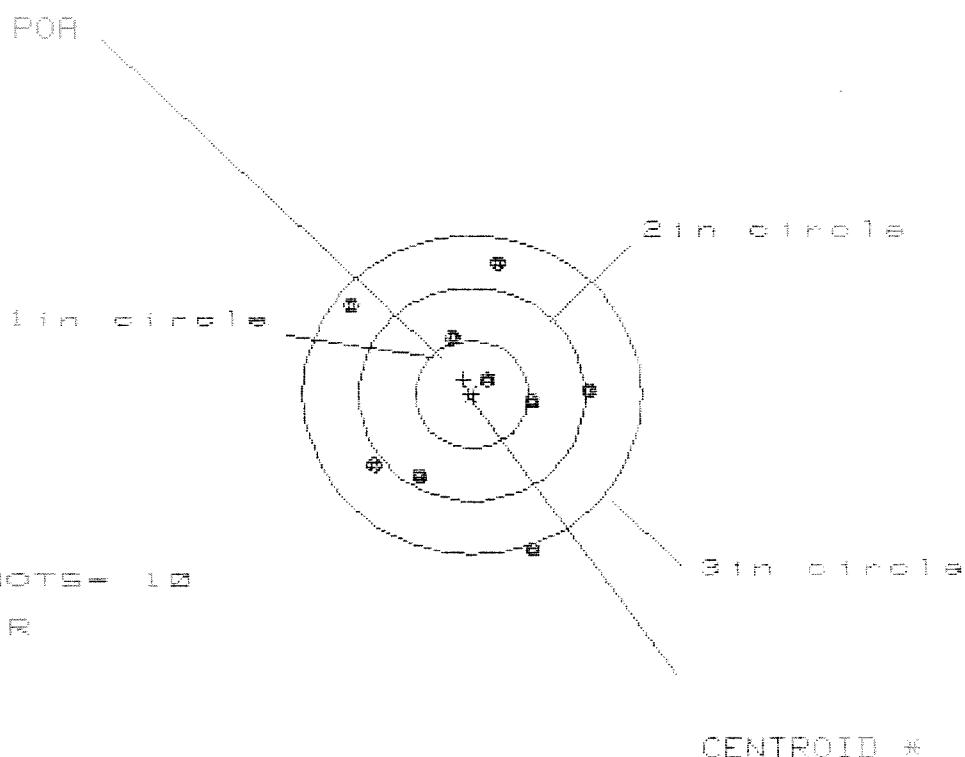
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.921	.947	.941
MINIMUM X	:	-.898	-.862	-.869
MAXIMUM Y	:	1.061	.861	.675
MINIMUM Y	:	-1.794	-1.493	-.405
CENTROID X	:	-.293	-.319	-.313
CENTROID Y	:	-.527	-.327	-.141
POA TO CENTROID in.	:	.602	.457	.343
MIN RADIUS	:	.290	.147	.118
MEAN RADIUS	:	.893	.747	.650
MAX RADIUS	:	1.809	1.494	1.042
HORIZONTAL SPREAD	:	1.809	1.809	1.809
VERTICAL SPREAD	:	2.855	2.354	1.880
EXTREME SPREAD	:	2.888	2.469	1.972
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6B11383

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 5

3 in = 9

HS= 2.142

VS= 2.635

ES= 2.810

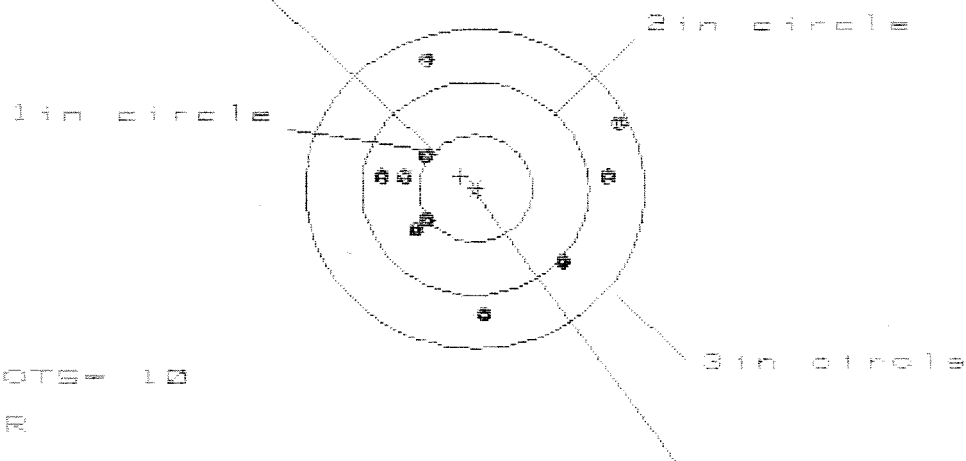
PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.040	1.103	.974
MINIMUM X	:	-1.102	-1.039	-.940
MAXIMUM Y	:	1.198	1.038	1.121
MINIMUM Y	:	-1.437	-.896	-.813
CENTROID X	:	.068	.005	.134
CENTROID Y	:	-.139	.021	-.062
POA TO CENTROID in.	:	.155	.021	.148
MIN RADIUS	:	.180	.153	.082
MEAN RADIUS	:	.863	.774	.683
MAX RADIUS	:	1.547	1.230	1.201
HORIZONTAL SPREAD	:	2.142	2.142	1.914
VERTICAL SPREAD	:	2.635	1.934	1.934
EXTREME SPREAD	:	2.810	2.275	2.154
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

18 Feb 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611383

CENTERFIRE PATTERNS # 5

POA



OF SHOTS= 10

IN CIR

1in = 0

2in = 5

3in = 10

HS= 2.095

VS= 2.493

GS= 2.544

CENTROID *

PATTERN #

5

SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.284	1.277	1.243
MINIMUM X	-.811	-.668	-.702
MAXIMUM Y	1.268	1.338	.529
MINIMUM Y	-1.225	-1.155	-.988
CENTROID X	.128	-.015	.019
CENTROID Y	-.119	-.189	-.356
POA TO CENTROID in.	.175	.190	.357
MIN RADIUS	.520	.408	.371
MEAN RADIUS	.931	.830	.762
MAX RADIUS	1.431	1.365	1.204
HORIZONTAL SPREAD	2.095	1.945	1.945
VERTICAL SPREAD	2.493	2.493	1.517
EXTREME SPREAD	2.544	2.544	1.945
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		10	