C661759

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: RE00146477
Verify Repair

Serial: C6611759 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 03/18/1991

Repairman:
Status: Closed 6/17/2008 9:52:02 AM

Address Information

Customer:	Received From	Return To:	Received From
Name:	DEF DIST DEPOT	DEF DIST DEPOT	
Address 1:	7 FRANKFORD AVE BLDG 362	7 FRANKFORD AVE BLDG 362	
Address 2:	PO Box:	PO Box:	
City:	ANNISTON	ANNISTON	
State:	AL Zip Code: 36201 Country: US	State: AL Zip Code: 36201 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
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

Repair Search | Refresh | Close

nagletj | 6/17/2008 | 10:49 AM | CAPS | NUM | INS | SCRL

start | 10 M... | My... | 4 M... | Par... | Ar... | Cre... | My... | 10:49 AM

Number: C6611759

Model: M24 SWS

RE00146477

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611759.__0
FILE DATE AND TIME: 09/29/2009 10:25

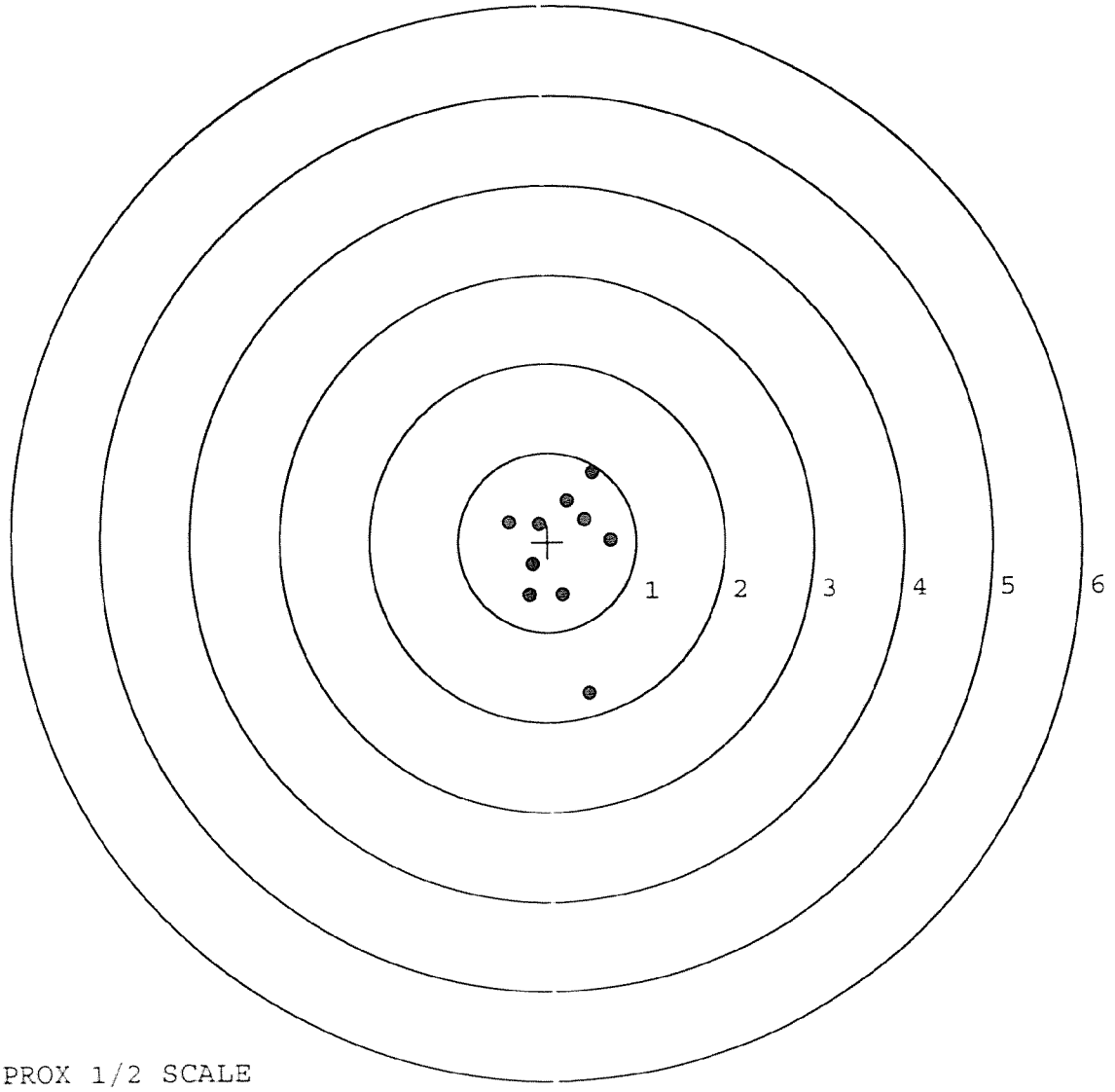
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.059
The Average Y Centroid of the Five Target Set:	0.049
The Average Point of Impact of the Five Target Set:	0.077
The Average Mean Radius of the Five Target Set:	0.678
The Distance from POA to Centroid Target #1:	0.197
The Distance from Centroid Target #2 to Centroid Target #1:	0.222
The Distance from Centroid Target #3 to Centroid Target #1:	0.262
The Distance from Centroid Target #4 to Centroid Target #1:	0.382
The Distance from Centroid Target #5 to Centroid Target #1:	0.227

SERIAL NUMBER: C6611759.__0
TARGET NUMBER: 1
FILE DATE: 09/29/2009
FILE TIME: 10:25

X CENTROID:	0.155
Y CENTROID:	-0.121
POA TO CENTROID:	0.197
HORZ SPREAD:	1.138
VERT SPREAD:	2.458
GROUP SPREAD:	2.459
MIN RADIUS:	0.348
MAX RADIUS:	1.595
MEAN RADIUS:	0.666
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.441	-1.690
2:	0.160	-0.590
3:	-0.211	-0.592
4:	-0.169	-0.248
5:	-0.431	0.221
6:	-0.096	0.202
7:	0.223	0.465
8:	0.418	0.246
9:	0.707	0.009
10:	0.510	0.768

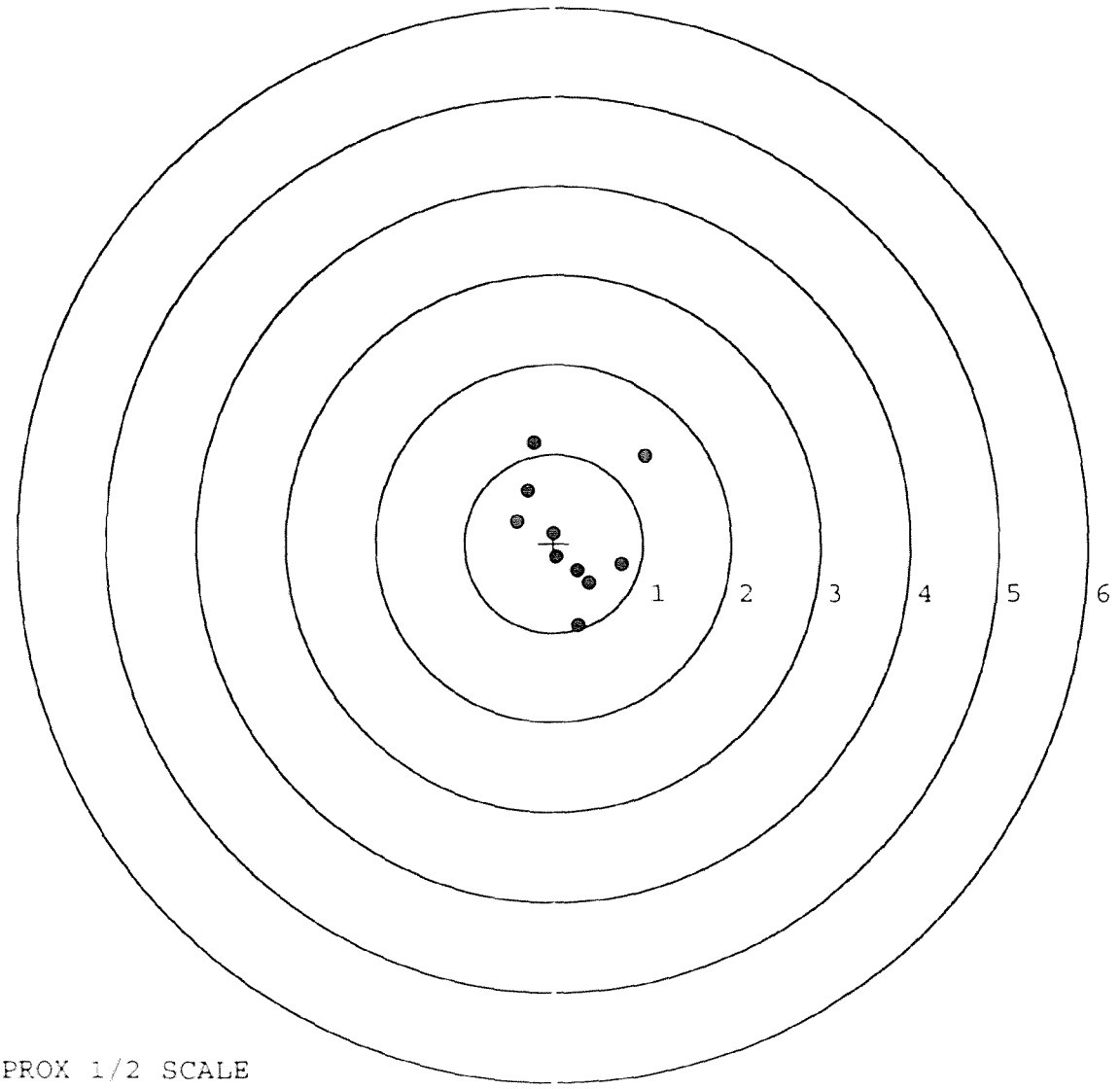


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611759.__0
TARGET NUMBER: 2
FILE DATE: 09/29/2009
FILE TIME: 10:25

X CENTROID:	0.185
Y CENTROID:	0.100
POA TO CENTROID:	0.210
HORZ SPREAD:	1.444
VERT SPREAD:	2.054
GROUP SPREAD:	2.050
MIN RADIUS:	0.182
MAX RADIUS:	1.224
MEAN RADIUS:	0.683
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	1.029	0.986
2:	0.765	-0.240
3:	-0.221	1.133
4:	-0.290	0.595
5:	-0.415	0.249
6:	0.003	0.115
7:	0.030	-0.158
8:	0.278	-0.921
9:	0.395	-0.452
10:	0.272	-0.311

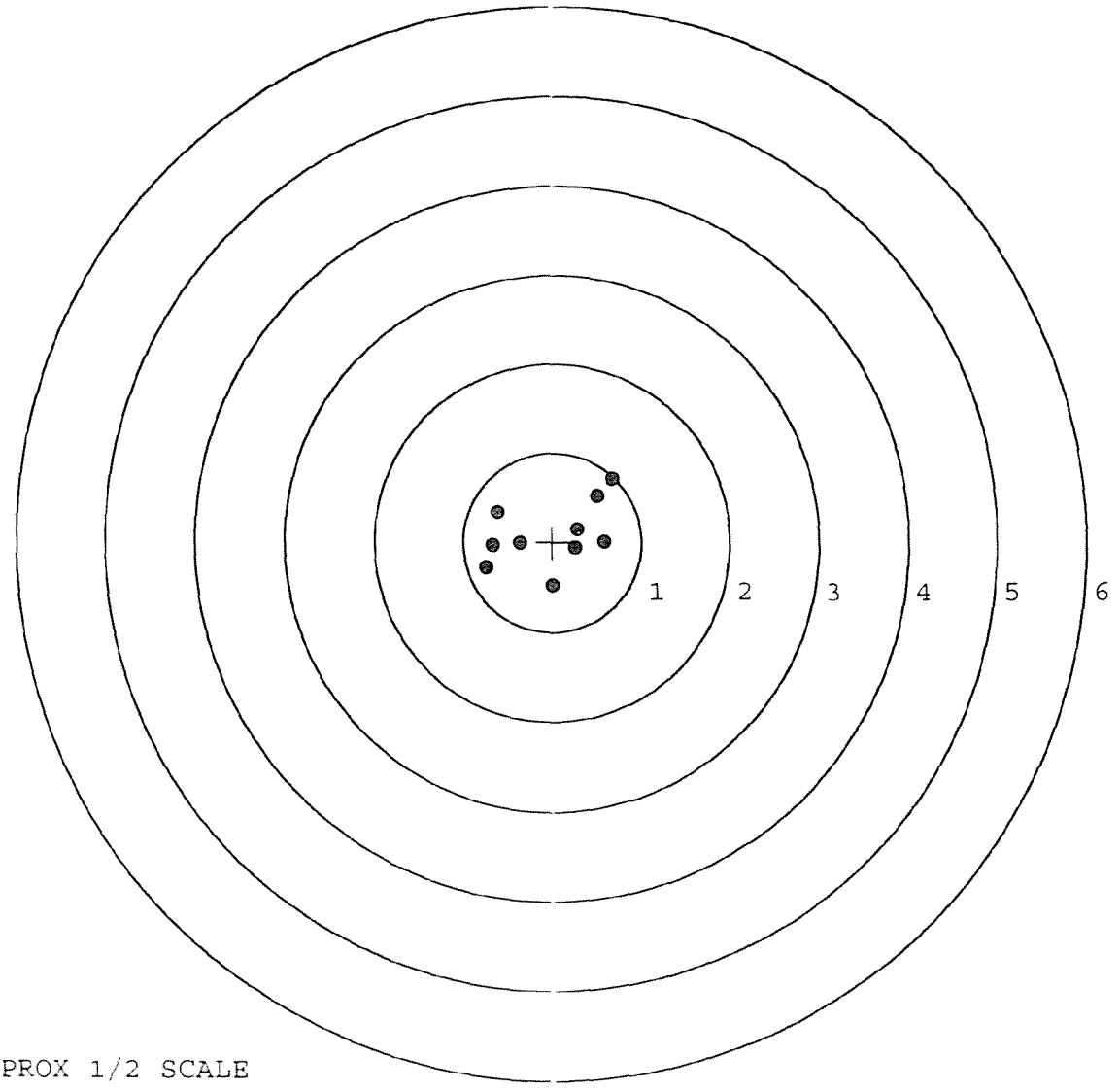


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611759.__0
TARGET NUMBER: 3
FILE DATE: 09/29/2009
FILE TIME: 10:25

X CENTROID:	-0.010
Y CENTROID:	0.082
POA TO CENTROID:	0.083
HORZ SPREAD:	1.414
VERT SPREAD:	1.190
GROUP SPREAD:	1.727
MIN RADIUS:	0.299
MAX RADIUS:	0.923
MEAN RADIUS:	0.588
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.668	0.708
2:	0.506	0.514
3:	0.582	-0.004
4:	0.255	-0.071
5:	0.000	-0.482
6:	-0.746	-0.283
7:	-0.364	-0.009
8:	-0.618	0.338
9:	-0.669	-0.034
10:	0.282	0.142

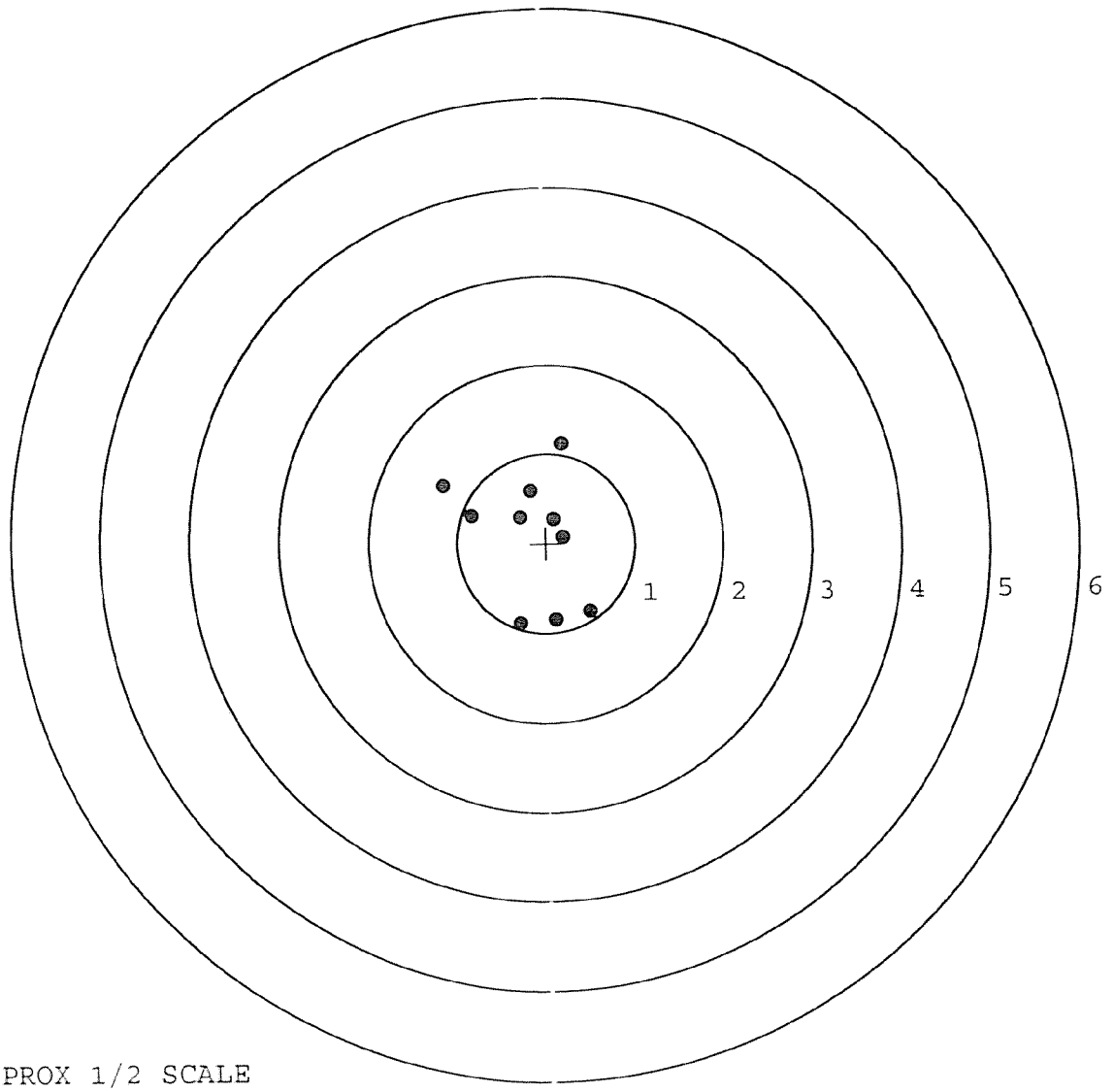


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611759.__0
TARGET NUMBER: 4
FILE DATE: 09/29/2009
FILE TIME: 10:25

X CENTROID:	-0.170
Y CENTROID:	0.079
POA TO CENTROID:	0.187
HORZ SPREAD:	1.628
VERT SPREAD:	2.000
GROUP SPREAD:	2.156
MIN RADIUS:	0.251
MAX RADIUS:	1.130
MEAN RADIUS:	0.739
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.303	-0.889
2:	0.101	-0.857
3:	0.481	-0.766
4:	0.187	1.111
5:	0.187	0.068
6:	-0.169	0.592
7:	-0.292	0.298
8:	-0.836	0.318
9:	-1.147	0.647
10:	0.092	0.270

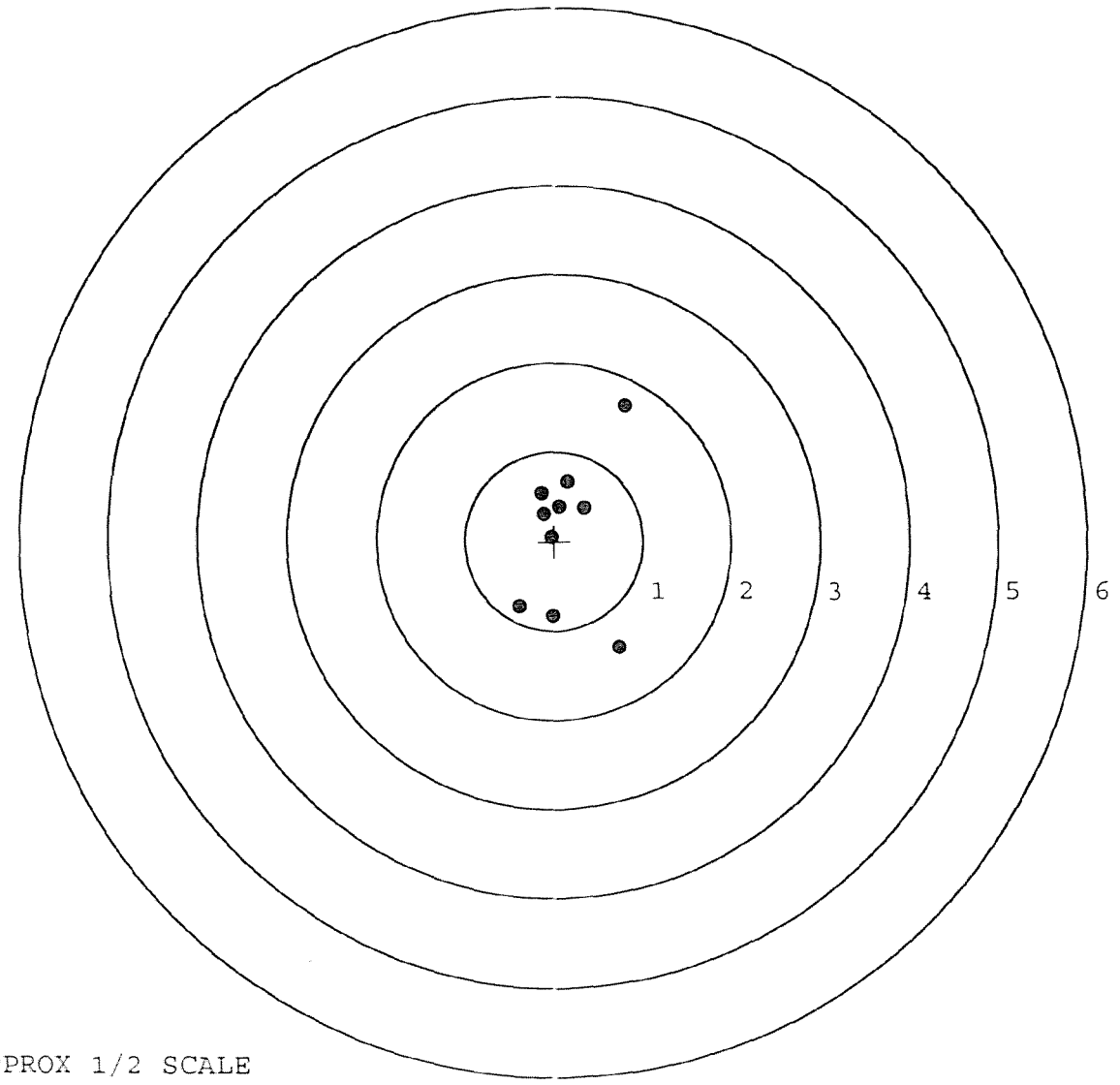


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611759.__0
TARGET NUMBER: 5
FILE DATE: 09/29/2009
FILE TIME: 10:25

X CENTROID:	0.138
Y CENTROID:	0.106
POA TO CENTROID:	0.174
HORZ SPREAD:	1.198
VERT SPREAD:	2.708
GROUP SPREAD:	2.709
MIN RADIUS:	0.177
MAX RADIUS:	1.553
MEAN RADIUS:	0.716
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	0.740	-1.200
2:	-0.019	-0.842
3:	-0.392	-0.731
4:	0.806	1.508
5:	0.149	0.664
6:	0.340	0.373
7:	-0.146	0.538
8:	-0.030	0.050
9:	-0.124	0.305
10:	0.054	0.392



TARGET APPROX 1/2 SCALE

M-24
INSPECTION CHECKLIST - REPAIRS
CONTRACT #: W52H09-07-C-0207
ISSUED 10/1/2007

R & E NUMBER 146477
SERIAL NUMBER C6611759
LOG-IN DATE 6-17-08

OPERATION #	OPERATION NAME			DATE	INITIAL
500	DIS-ASSEMBLE GUN			9-9-09	RTL
505	RE-BARREL			9-11-09	RTL
420	ASSEMBLE			9-11-09	RTL
440	PROOF	MAGNA-FLUX		9-11-09	LPM
460	CHECK HEADSPACE	E 2009		9-11-09	LPM
470	DIS-ASSEMBLE GUN	OPERATOR		9-11-09	LPM
480	MAGNAFLUX			9/17/09	
510	DRILL AND TAP			9-14-09	SP
500	ROLLMARK CALIBER			9/17/09	SP
520	GOFF BLAST BBL / REC			9/17/09	SP
530 & 540	APPLY COATINGS			9/18	—
560	FINAL ASSEMBLY			9-23-09	RTL
640	FUNCTION TEST AND	PASS	FAIL	9-28-09	LPM
650	TARGET	PASS	FAIL	9-28-09	LPM
	MALFUNCTION	CORRECTION	N/A		
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION			
	MALFUNCTION	CORRECTION		9-28-09	RP
670	FINAL INSPECTION A) HEADSPACE	PASS	FAIL	9/29/09	RR
	B) TRIGGER PULL (+/- .5 LBS; MIN 2.50 LBS; MAX 4.0 LBS)	2.84	2.96 2.83 2.89 2.89		RR
680	F) SAFETY ON FORCE (2 LBS MIN; 10 LBS MAX)	3#	3# 3#	9/29/09	RR
	G) SAFETY OFF FORCE (2 LBS MIN)	5#	5# 5#		
	I) FIRING PIN INDENT (.020)	.022	.022 .023		
690	PACK			10/1/09	FM

F006 REV 1/2009

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

Repair Inquiry

Repair Number: RE00081526
Verify Repair
Serial: C6611759 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 03/18/1991
Repairman:
Status: Closed 6/2/2004 3:23:13 PM

Address Information

Customer: (Received From)	Return To: (Received From)
Name: DEPT OF ARMY	DEPT OF ARMY
Address 1: CDR 3RD IN DIV M AND FT STEWART	CDR 3RD IN DIV M AND FT STEWART
Address 2: ATTN AFZP DLT FT PO Box:	ATTN AFZP DLT FT PO Box:
City: FORT STEWART	FORT STEWART
State: GA Zip Code: 31314 Country: US	State: GA Zip Code: 31314 Country: US

FFL:

Contact / Condition | Problems | Estimate | History / Status | Shipping / Billing

Contact Information

Phone:
Fax:
Email:
Comments:

Received Condition

Fair
Condition Notes:
CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	2
A010	Hard Case	1
A016	Scope Rings	2
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1

Repair Search | Refresh | Close

naglelj | 6/3/2004 | 7:58 AM | CAPS | NUM | INS | SCRL

start

EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET

For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG

1. ORGANIZATION	2. NOMENCLATURE AND MODEL	3. REGISTRATION/SERIAL/NSN	4a. MILES	b. HOURS	c. ROUNDS FIRED	d. HOT STARTS	5. DATE	6. TYPE INSPECTION
A-co 2-7 INF	M24 SWS	C66117[illegible]89			over 10,000		20 May 04	PMCS

7. APPLICABLE REFERENCE

TM NUMBER	TM DATE	TM NUMBER	TM DATE
9-1005-306-10	June 1989		

COLUMN a – Enter TM item number.
COLUMN b – Enter the applicable condition status symbol.
COLUMN c – Enter deficiencies and shortcomings.
COLUMN d – Show corrective action for deficiency or shortcoming listed in Column c.
COLUMN e – Individual ascertaining completed corrective action initial in this column.

STATUS SYMBOLS

"X" – Indicates a deficiency in the equipment that places it in an inoperable status.

CIRCLED "X" – Indicates a deficiency, however, the equipment may be operated under specific limitations as directed by higher authority or as prescribed locally, until corrective action can be accomplished.

HORIZONTAL DASH "(-)" – Indicates that a required inspection, component replacement, maintenance operation check, or test flight is due but has not been accomplished, or an overdue MWO has not been accomplished.

DIAGONAL "(/)" – Indicates a material defect other than a deficiency which must be corrected to increase efficiency or to make the item completely serviceable.

LAST NAME INITIAL IN BLACK, BLUE-BLACK INK, OR PENCIL - Indicates that a completely satisfactory condition exists.

FOR AIRCRAFT - Status symbols will be recorded in red.

ALL INSPECTIONS AND EQUIPMENT CONDITIONS RECORDED ON THIS FORM HAVE BEEN DETERMINED IN ACCORDANCE WITH DIAGNOSTIC PROCEDURES AND STANDARDS IN THE TM CITED HEREON.

8a. SIGNATURE *(Person(s) performing inspection)*	8b. TIME	9a. SIGNATURE *(Maintenance Supervisor)*	9b. TIME	10. MANHOURS REQUIRED
SSG Smith, Andrew (Operator 8-4)	20 May 04 0900		20 May 04 0900.	

TM ITEM NO. a	STATUS b	DEFICIENCIES AND SHORTCOMINGS c	CORRECTIVE ACTION d	INITIAL WHEN CORRECTED e
1	X	Deployment Case Missing *	Turning in to Remington	
1	/	Harris Bi-pod broken *	for repair.	
1	X	System Case Missing		
1	/	Day Optic Sight Case missing ✓	ANDREW. JAMES. @	
5	X	Bolt handle broken off *	SMITHC@US.ARMY.MIL	
7	/	(EMA) Laser filter missing		

DA FORM 2404, APR 79 — Replaces edition of 1 Jan 64, which will be used — USAPPC V1.10

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611759.__0
FILE DATE AND TIME: 06/28/2004 10:16

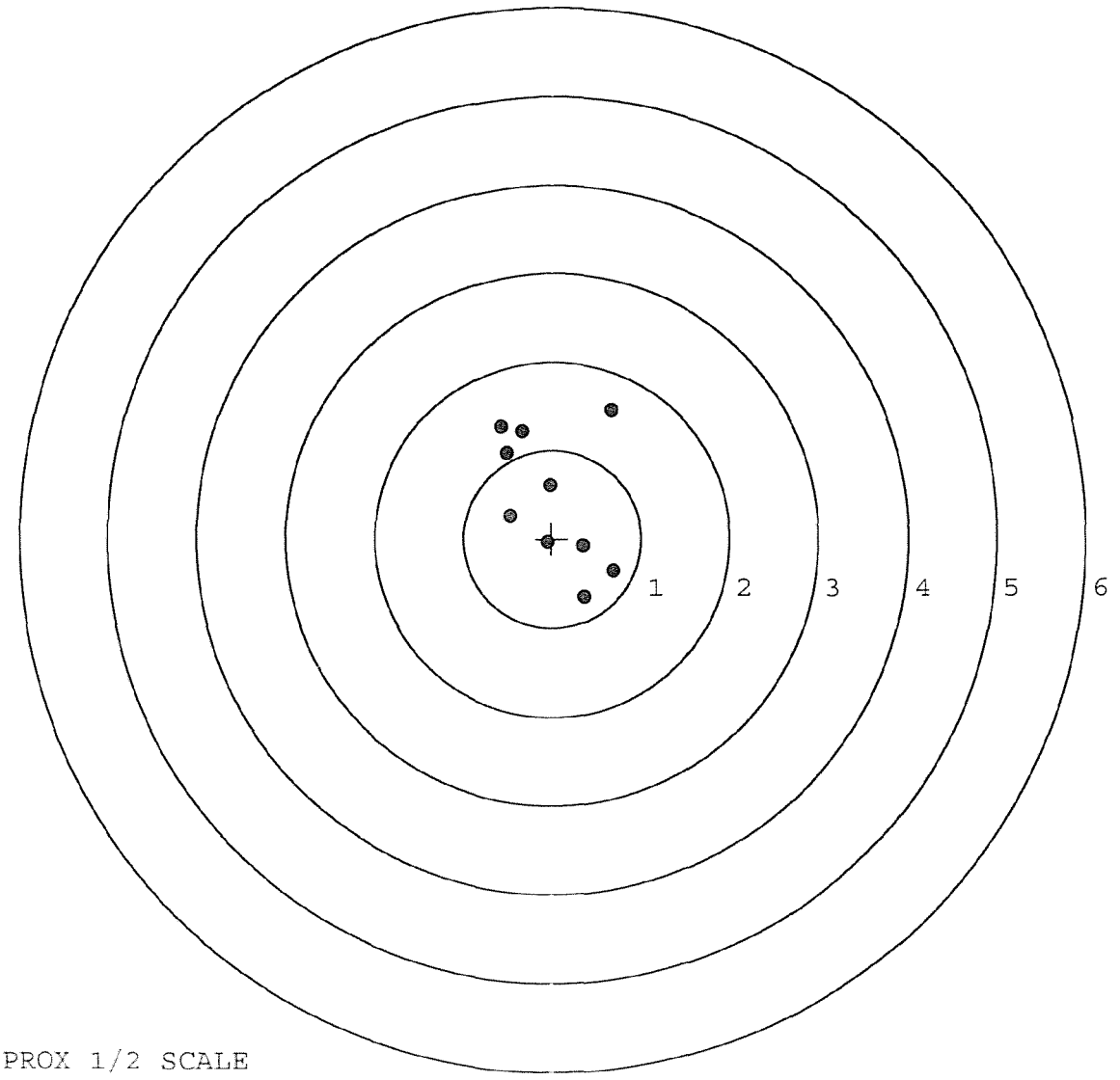
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.113
The Average Y Centroid of the Five Target Set:	0.032
The Average Point of Impact of the Five Target Set:	0.118
The Average Mean Radius of the Five Target Set:	0.649
The Distance from POA to Centroid Target #1:	0.464
The Distance from Centroid Target #2 to Centroid Target #1:	0.506
The Distance from Centroid Target #3 to Centroid Target #1:	0.422
The Distance from Centroid Target #4 to Centroid Target #1:	0.784
The Distance from Centroid Target #5 to Centroid Target #1:	0.592

SERIAL NUMBER: C6611759.__0
TARGET NUMBER: 1
FILE DATE: 06/28/2004
FILE TIME: 10:16

X CENTROID:	0.010
Y CENTROID:	0.464
POA TO CENTROID:	0.464
HORZ SPREAD:	1.270
VERT SPREAD:	2.116
GROUP SPREAD:	2.137
MIN RADIUS:	0.143
MAX RADIUS:	1.189
MEAN RADIUS:	0.780
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.661	1.458
2:	-0.334	1.214
3:	-0.510	0.971
4:	-0.474	0.263
5:	-0.026	0.602
6:	-0.047	-0.043
7:	0.349	-0.076
8:	0.693	-0.366
9:	0.361	-0.658
10:	-0.577	1.270

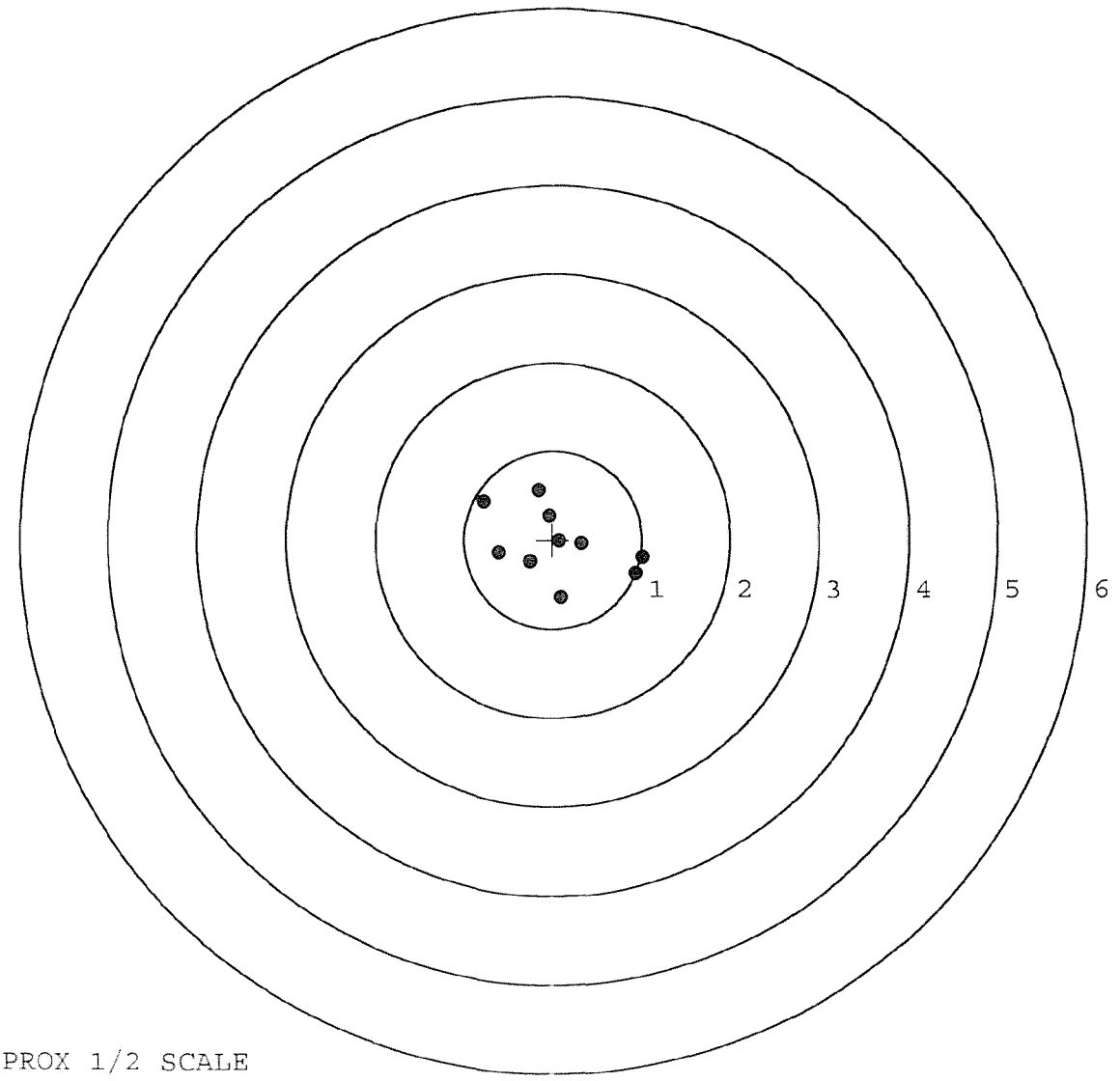


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611759. 0
TARGET NUMBER: 2
FILE DATE: 06/28/2004
FILE TIME: 10:16

X CENTROID:	0.059
Y CENTROID:	-0.040
POA TO CENTROID:	0.072
HORZ SPREAD:	1.792
VERT SPREAD:	1.211
GROUP SPREAD:	1.902
MIN RADIUS:	0.031
MAX RADIUS:	0.968
MEAN RADIUS:	0.579
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.161	0.558
2:	-0.782	0.439
3:	0.930	-0.376
4:	0.100	-0.653
5:	0.324	-0.043
6:	-0.041	0.269
7:	0.078	-0.015
8:	-0.256	-0.240
9:	-0.610	-0.141
10:	1.010	-0.199

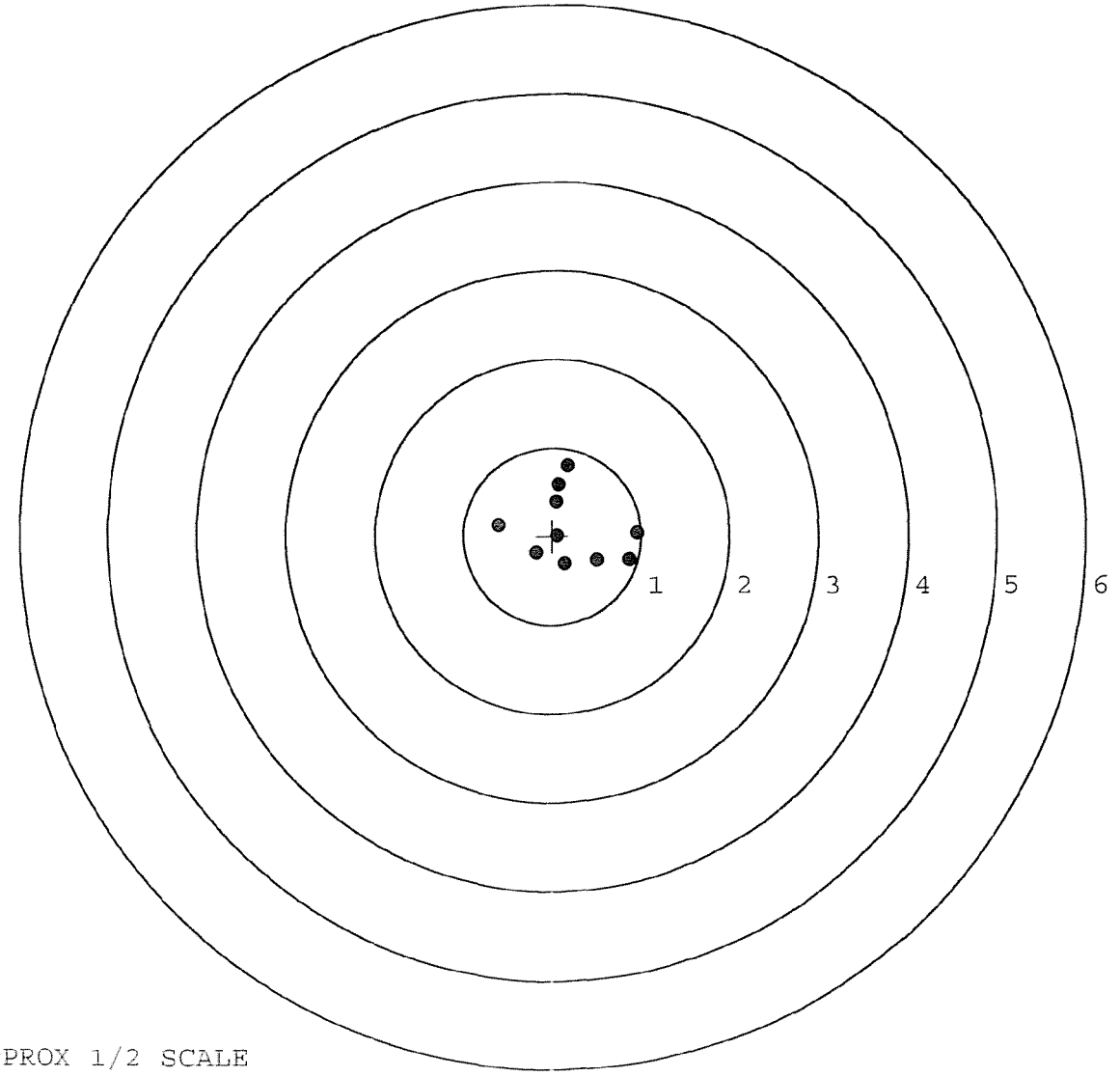


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611759.__0
TARGET NUMBER: 3
FILE DATE: 06/28/2004
FILE TIME: 10:16

X CENTROID:	0.203
Y CENTROID:	0.088
POA TO CENTROID:	0.221
HORZ SPREAD:	1.559
VERT SPREAD:	1.116
GROUP SPREAD:	1.561
MIN RADIUS:	0.169
MAX RADIUS:	0.807
MEAN RADIUS:	0.541
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.955	0.037
2:	0.503	-0.275
3:	0.872	-0.267
4:	0.175	0.797
5:	0.042	0.390
6:	-0.604	0.125
7:	0.145	-0.319
8:	0.055	0.005
9:	-0.185	-0.193
10:	0.067	0.582

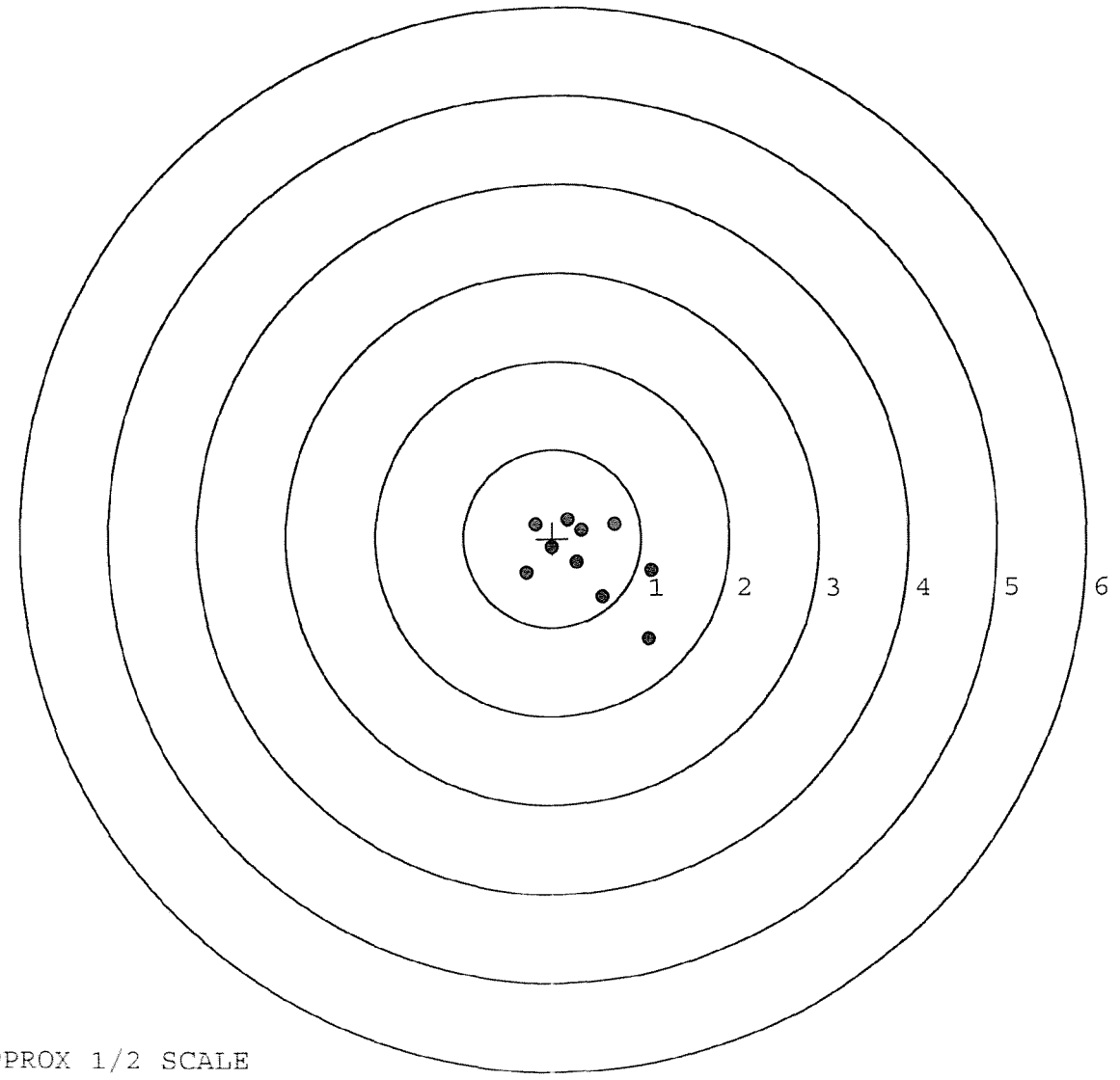


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611759.__0
TARGET NUMBER: 4
FILE DATE: 06/28/2004
FILE TIME: 10:16

X CENTROID:	0.374
Y CENTROID:	-0.231
POA TO CENTROID:	0.439
HORZ SPREAD:	1.405
VERT SPREAD:	1.337
GROUP SPREAD:	1.810
MIN RADIUS:	0.105
MAX RADIUS:	1.143
MEAN RADIUS:	0.557
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.705	0.159
2:	1.109	-0.365
3:	0.565	-0.665
4:	1.080	-1.130
5:	0.279	-0.276
6:	0.328	0.089
7:	-0.189	0.160
8:	-0.296	-0.387
9:	0.167	0.207
10:	-0.010	-0.102

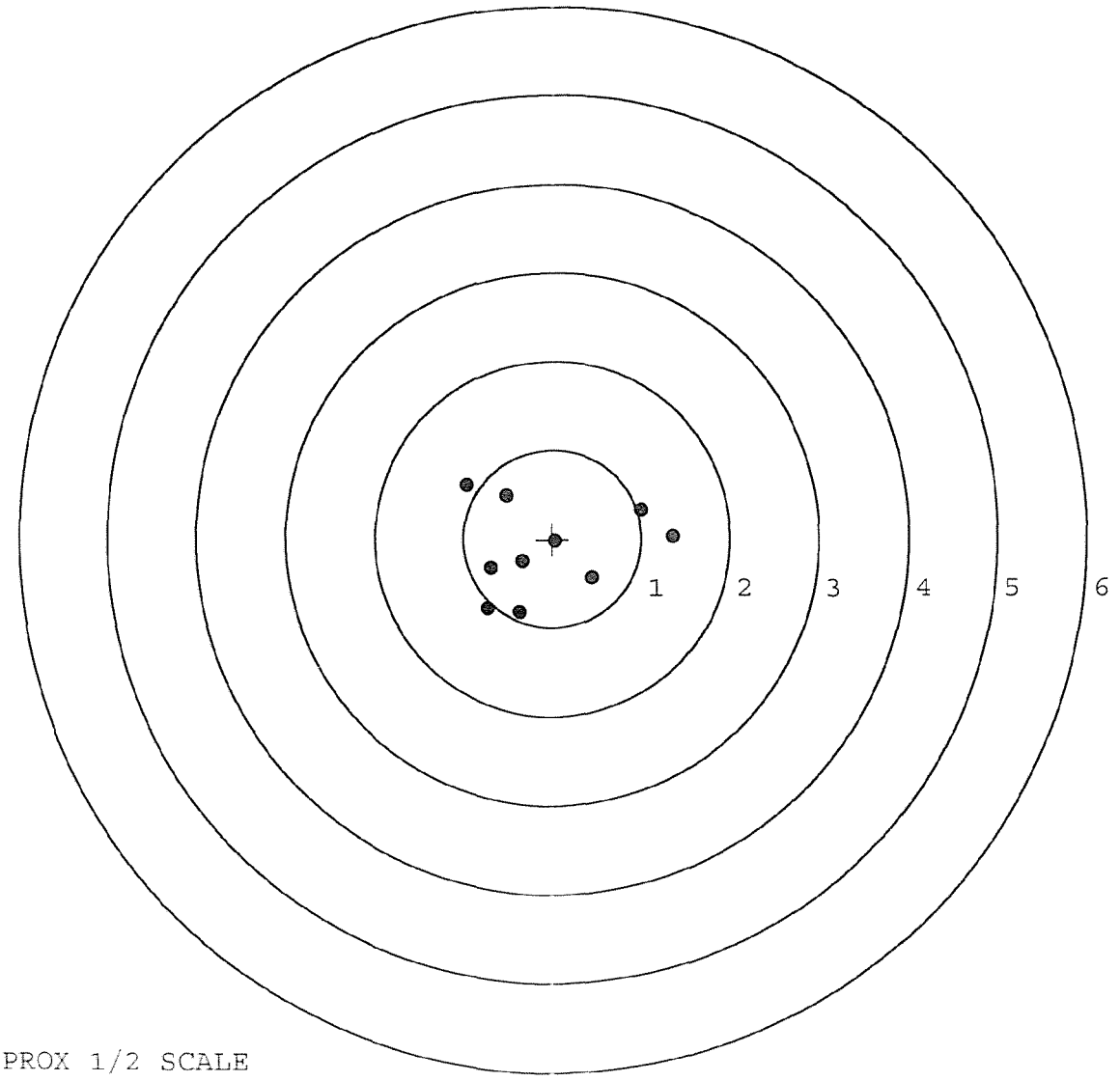


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611759.__0
TARGET NUMBER: 5
FILE DATE: 06/28/2004
FILE TIME: 10:16

X CENTROID:	-0.078
Y CENTROID:	-0.122
POA TO CENTROID:	0.145
HORZ SPREAD:	2.320
VERT SPREAD:	1.433
GROUP SPREAD:	2.389
MIN RADIUS:	0.146
MAX RADIUS:	1.444
MEAN RADIUS:	0.790
# IN 1 IN DIAMETER:	2
# IN 2 IN DIAMETER:	7
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.999	0.324
2:	1.358	0.032
3:	0.444	-0.445
4:	0.028	-0.022
5:	-0.516	0.490
6:	-0.962	0.604
7:	-0.338	-0.251
8:	-0.693	-0.333
9:	-0.729	-0.790
10:	-0.370	-0.829

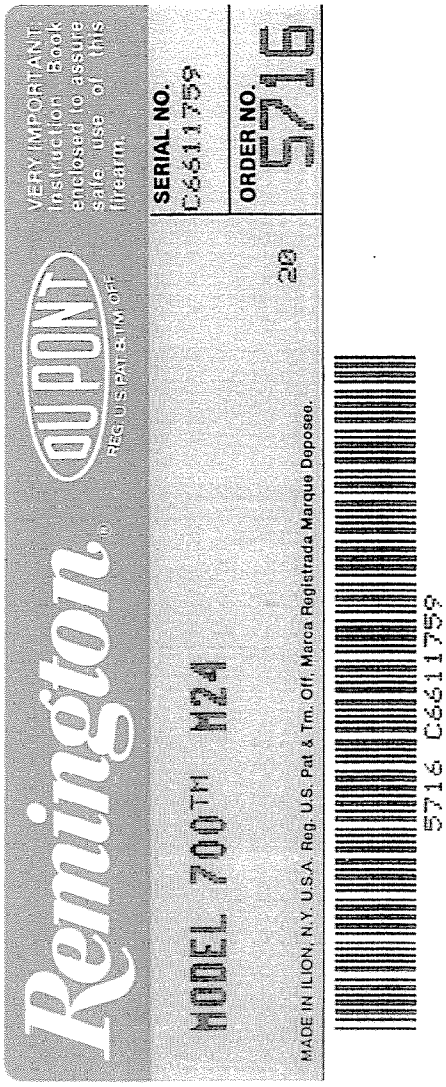


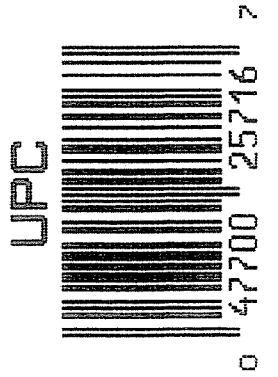
TARGET APPROX 1/2 SCALE

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

R & E NUMBER	81526		
SERIAL NUMBER	C661759		
LOG-IN DATE	6-2-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	6-4-04	RTL
560 A	RE-BARREL	6-15-04	RTL
B	DRILL AND TAP	6-15-04	RTL
575	ASSEMBLE	6-15-04	RTL
600	PROOF	6-15-04	RTL
605	CHECK HEADSPACE	6-15-04	RTL
610	DIS-ASSEMBLE GUN	6-15-04	RTL
612	MAGNAFLUX		
615	ROLLMARK CALIBER	6/16/04	SB
618	ROTO-BLAST	6/17/2004	Dand.
620	APPLY COATINGS	6-22	TA
625 A	FINAL ASSEMBLY	6-23-04	RW
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	6-28-04	RTL
655	FINAL INSPECT	6-29-04	RTL
660	PACK	7-1-04	DA
		SHIP DATE	
	QAR INSPECTION DATE		

MAGNA - FLUX
INSPECTED
JUN 15 2004
OPERATOR BS


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT: Instruction Book enclosed to assure safe use of this firearm.
MODEL 700TH M24
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
20
SERIAL NO.
C6611759
ORDER NO.
5716
5716 C6611759


UPC
0 47700 25716 7

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611759

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/10/91	KA
600	Proof		1/10/91	KA
607	Check Headspace		1/10/91	KA
610	Dis-assemble Gun		1/10/91	KA
612	Magnaflux Barrel Action		1/17/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	GB
617	Drill and Tap Sight Holes	1 18 91		EG
618	Polish Barrel	1 18 91		EG
620	Apply Coatings (Barrel Action)		2-13-91	KA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/22/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/22/91	KA
	C) Inspect Ejector Hole for Chamfer		2/22/91	KA
	D) Oil Firing Pin Ass'y		2/22/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2/25/91	DH

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	4½	4½	4	2-25-91	DH
	G) Safety Off Force	2¾	2¾	3	2-25-91	DH
	H) Trigger Pull Test & Retainability				2-25-91	DH
	I) Firing Pin Indent	.020	.0205	.0205	2-25-91	DH
	J) Assemble Stock				2/27/91	KA
	K) Assemble Swivel Studs				3/7/91	WB
	L) Attach Front and Rear Sight Assemblies				2/27/91	KA
	M) Iron Sight Alignment				2/27/91	KA
	N) Detach Front & Rear Sights & place in numbered container				2/27/91	KA
	O) Attach Scope to Rifle				2/27/91	KA
	P) Detach & Attach Scope 20 Times				2/27/91	KA
640	Gallery Target & Test				3-1-91	AC
	A) Time				3-1-91	AC
	B) Malfunctions				3-1-91	AC
	C) Pierced Primers				3-1-91	AC
	D) Optical Clearity of Scope				3-1-91	AC
645	Inspect for Live Ammo				3-1-91	AC
655	Final Inspection A) Headspace				3/7/91	WB
	B) Trigger Pull	2.42	2.20	2.20	2.15 2.16	3/2/91
	C) Function				3/7/91	WB
660	Pack				3/14/91	WB

STRAIGHTEN

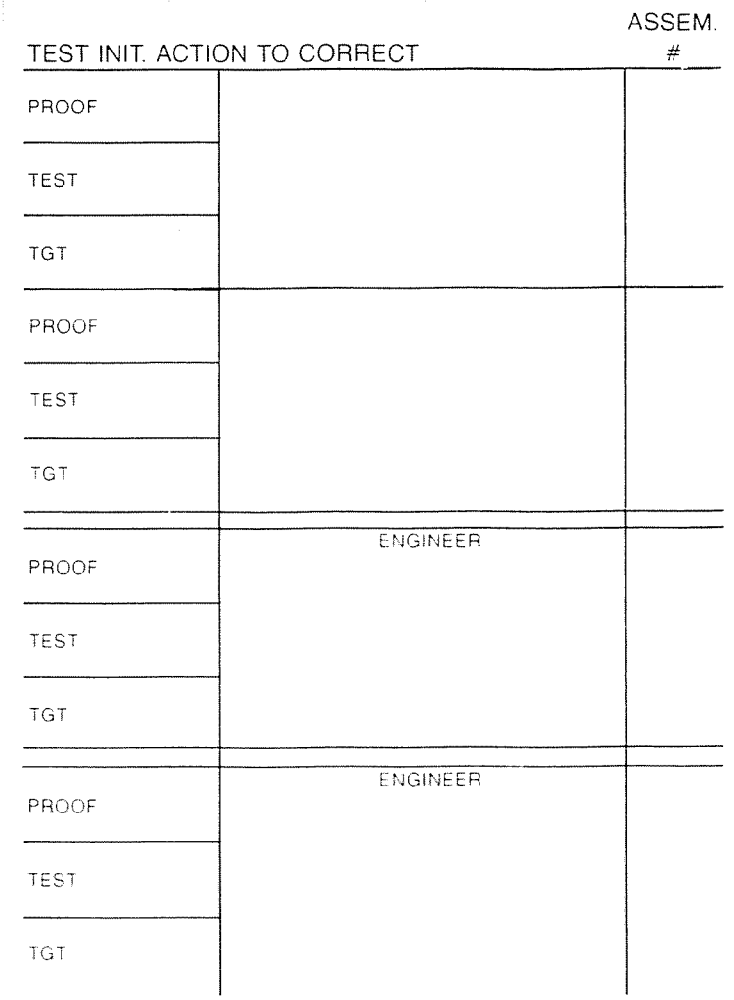
BBL

~~74~~ clicks

67 left

MOD. _____ GA. _____ CAL. _____ GUN # 1759

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Safe binds trigger creep	KS
	2nd		
	3rd		
	4th		
		FUNCTION RD 6654	Rev 1


TEST INIT. ACTION TO CORRECT
ASSEM. #
PROOF
TEST
TGT
PROOF
TEST
TGT
ENGINEER
PROOF
TEST
TGT
ENGINEER
PROOF
TEST
TGT

SWS TRIGGER PULL TEST

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

SERIAL NO. CC611759

DATE 2-25-91

TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.53	2.48	2.51	2.42	MIN. SETTING,
PULL #2	2.53	2.40	2.45	2.20	NO AVG. OF 5
PULL #3	2.42	2.44	2.38	2.20	READINGS ACCEPT-
PULL #4	2.47	2.46	2.44	2.15	ABLE LESS THAN 2#
PULL #5	2.47	2.46	2.33	2.16	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.37		
PULL #2	3.45	3.30		
PULL #3	3.39	3.26		
PULL #4	3.23	3.41		
PULL #5	2.90	3.38		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.37	4.24		4.01
PULL #2	4.41	4.41		4.27
PULL #3	3.78	4.43		3.84
PULL #4	4.39	4.34		4.05
PULL #5	4.39	4.25		4.01
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611759
1 Mar 1991

CENTROIDAL DISTANCES

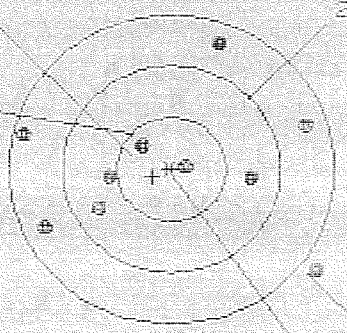
0	TO	1	.179769
1	TO	2	.214597
1	TO	3	.56068
1	TO	4	.182222
1	TO	5	.125419

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0302
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0958
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .100447

THE AMR FOR THIS RIFLE IS: .9628

FILE:/PATTERNING/CENTERFIRE_PATT/C6611758

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

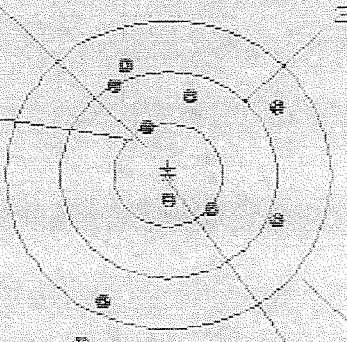
# IN CIR	
1in =	2
2in =	5
3in =	8

HS= 2.713
VS= 2.140
GS= 2.976

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.382	1.410	1.263
MINIMUM X	:	-1.331	-1.178	-1.170
MAXIMUM Y	:	1.213	1.110	1.134
MINIMUM Y	:	-.927	-.712	-.688
CENTROID X	:	.166	.013	.160
CENTROID Y	:	.069	.172	.148
POA TO CENTROID in.	:	.180	.172	.218
MIN RADIUS	:	.174	.165	.193
MEAN RADIUS	:	.960	.863	.821
MAX RADIUS	:	1.664	1.440	1.357
HORIZONTAL SPREAD	:	2.713	2.588	2.433
VERTICAL SPREAD	:	2.140	1.822	1.822
EXTREME SPREAD	:	2.976	2.631	2.631
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Mar 1991 FILE: PATTERNING/CENTERFIRE_PATT/C6611759

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

# IN CIR
1in = 1
2in = 4
3in = 9

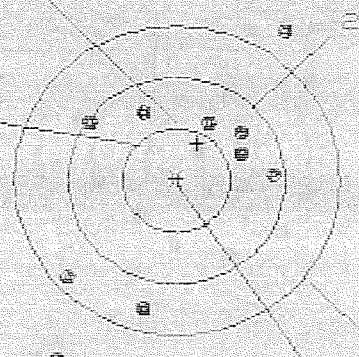
HS= 1.805
VS= 2.687
CS= 2.955

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.005	.916	.832
MINIMUM X	:	-.800	-.671	-.699
MAXIMUM Y	:	1.042	.869	.680
MINIMUM Y	:	-1.645	-1.435	-.754
CENTROID X	:	.000	.089	.173
CENTROID Y	:	-.067	.116	.295
POA TO CENTROID in.	:	.067	.146	.342
MIN RADIUS	:	.215	.405	.361
MEAN RADIUS	:	.960	.840	.727
MAX RADIUS	:	1.829	1.584	1.083
HORIZONTAL SPREAD	:	1.805	1.587	1.531
VERTICAL SPREAD	:	2.687	2.294	1.434
EXTREME SPREAD	:	2.955	2.512	1.907
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

1 Mar 1991 FILE: PATTERNING\CENTERFIRE_PATT\C6611753

CENTERFIRE PATTERNS # 3

POA

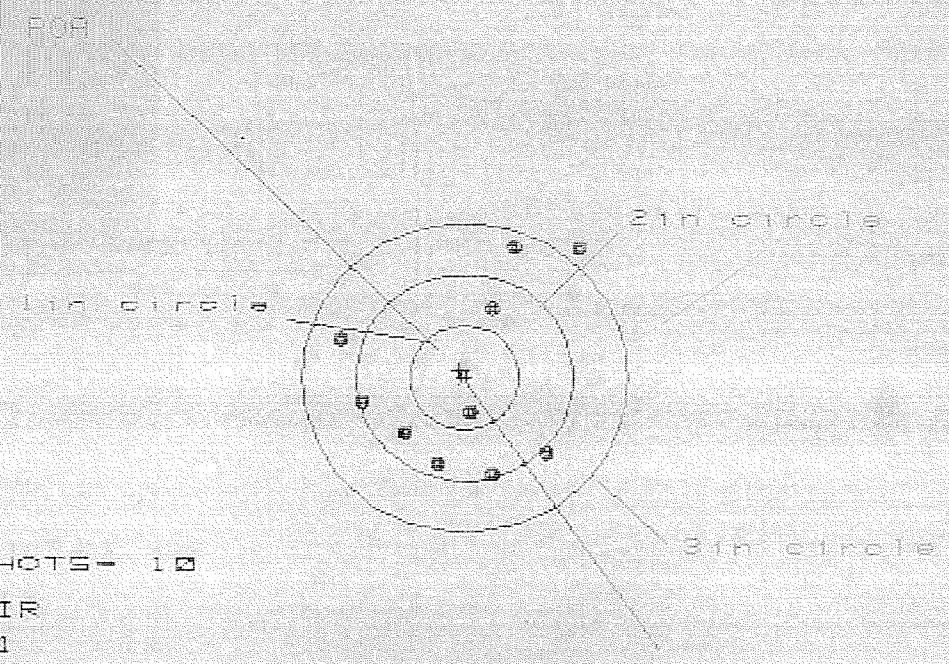


# OF SHOTS= 10
# IN CIR
1in = 0
2in = 5
3in = 8
HS= 2.120
VS= 3.125
GS= 3.776

PATTERN #	3		
SHOTS (BEST OF)	10	8	8
MAXIMUM X	1.032	.911	.910
MINIMUM X	-1.088	-1.092	-.978
MAXIMUM Y	1.419	1.226	.642
MINIMUM Y	-1.706	-1.467	-1.313
CENTROID X	-.195	-.074	-.188
CENTROID Y	-.360	-.170	-.324
POA TO CENTROID in.	.409	.186	.375
MIN RADIUS	.631	.408	.596
MEAN RADIUS	1.120	.956	.920
MAX RADIUS	2.028	1.604	1.414
HORIZONTAL SPREAD	2.120	2.003	1.888
VERTICAL SPREAD	3.125	2.696	1.955
EXTREME SPREAD	3.776	3.129	2.144
NUMBER IN ONE INCH CIRCLE =		0	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		8	

7 Mar 1991 FILE:/PATTERNING/CENTERFIRE_PATT/06610758

CENTERFIRE PATTERNS # 4



OF SHOTS= 10

# IN CIR
1in = 1
2in = 6
3in = 9

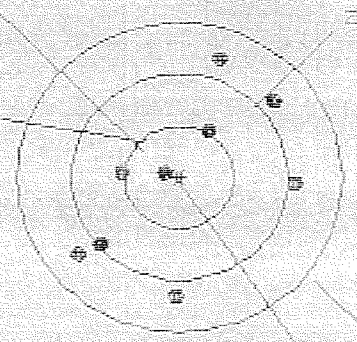
HS= 2.258
VS= 2.135
GS= 2.512

PATTERN # :	4		
SHOTS (BEST OF) :	10	9	8
MAXIMUM X :	1.102	.879	.955
MINIMUM X :	-1.156	-1.034	-.958
MAXIMUM Y :	1.247	1.386	.951
MINIMUM Y :	-.688	-.749	-.576
CENTROID X :	.047	-.075	-.151
CENTROID Y :	-.069	-.209	-.381
POA TO CENTROID in.:	.084	.221	.409
MIN RADIUS :	.310	.221	.215
MEAN RADIUS :	.975	.857	.732
MAX RADIUS :	1.661	1.512	1.186
HORIZONTAL SPREAD :	2.258	1.913	1.913
VERTICAL SPREAD :	2.135	2.135	1.527
EXTREME SPREAD :	2.512	2.219	2.219
NUMBER IN ONE INCH CIRCLE =		1	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		9	

FILE:/PATTERNING/CENTERFIRE_PATT/C8611759

CENTERFIRE PATTERNS # 5

FOR



OF SHOTS= 10

# IN CIR
1in = 3
2in = 5
3in = 10

HS= 2.022
VS= 2.240
GS= 2.287

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.081	1.124	1.012
MINIMUM X	:	-.942	-.898	-.821
MAXIMUM Y	:	1.110	.828	.756
MINIMUM Y	:	-1.130	-1.007	-1.079
CENTROID X	:	.133	.089	.202
CENTROID Y	:	-.052	-.175	-.103
AVG TO CENTROID in.	:	.142	.197	.226
MIN RADIUS	:	.143	.199	.227
MEAN RADIUS	:	.799	.764	.724
MAX RADIUS	:	1.176	1.217	1.088
HORIZONTAL SPREAD	:	2.022	2.022	1.832
VERTICAL SPREAD	:	2.240	1.835	1.835
EXTREME SPREAD	:	2.287	2.277	2.069
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	