

C6611426

MODEL 700TM M24

Model **SWS** TM

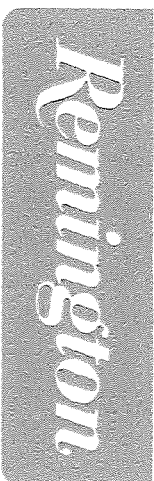
Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



M2400076688

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

New 4/3/2007 7:12:17 AM

Country: US

FFL:

Shipping / Billing

- Accessories Received

Comments:

Fair

Condition

Notes:

CSR

Notes:

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	2

Repair Search

Refresh

Close

naglet

4/3/2007

7:26 AM

C4PS

NUM	DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	MEMO
1	1/1/20	DEPOSIT	100.00			
2	1/15/20	PAYROLL	50.00	101		
3	1/30/20	RENT	25.00	102		
4	2/1/20	SALES	75.00			
5	2/15/20	PAYROLL	50.00	103		
6	2/28/20	RENT	25.00	104		
7	3/1/20	SALES	75.00			
8	3/15/20	PAYROLL	50.00	105		
9	3/30/20	RENT	25.00	106		
10	4/1/20	SALES	75.00			
11	4/15/20	PAYROLL	50.00	107		
12	4/30/20	RENT	25.00	108		
13	5/1/20	SALES	75.00			
14	5/15/20	PAYROLL	50.00	109		
15	5/30/20	RENT	25.00	110		
16	6/1/20	SALES	75.00			
17	6/15/20	PAYROLL	50.00	111		
18	6/30/20	RENT	25.00	112		
19	7/1/20	SALES	75.00			
20	7/15/20	PAYROLL	50.00	113		
21	7/30/20	RENT	25.00	114		
22	8/1/20	SALES	75.00			
23	8/15/20	PAYROLL	50.00	115		
24	8/30/20	RENT	25.00	116		
25	9/1/20	SALES	75.00			
26	9/15/20	PAYROLL	50.00	117		
27	9/30/20	RENT	25.00	118		
28	10/1/20	SALES	75.00			
29	10/15/20	PAYROLL	50.00	119		
30	10/30/20	RENT	25.00	120		
31	11/1/20	SALES	75.00			
32	11/15/20	PAYROLL	50.00	121		
33	11/30/20	RENT	25.00	122		
34	12/1/20	SALES	75.00			
35	12/15/20	PAYROLL	50.00	123		
36	12/30/20	RENT	25.00	124		
37	1/1/21	SALES	75.00			
38	1/15/21	PAYROLL	50.00	125		
39	1/30/21	RENT	25.00	126		
40	2/1/21	SALES	75.00			
41	2/15/21	PAYROLL	50.00	127		
42	2/28/21	RENT	25.00	128		
43	3/1/21	SALES	75.00			
44	3/15/21	PAYROLL	50.00	129		
45	3/30/21	RENT	25.00	130		
46	4/1/21	SALES	75.00			
47	4/15/21	PAYROLL	50.00	131		
48	4/30/21	RENT	25.00	132		
49	5/1/21	SALES	75.00			
50	5/15/21	PAYROLL	50.00	133		
51	5/30/21	RENT	25.00	134		
52	6/1/21	SALES	75.00			
53	6/15/21	PAYROLL	50.00	135		
54	6/30/21	RENT	25.00	136		
55	7/1/21	SALES	75.00			
56	7/15/21	PAYROLL	50.00	137		
57	7/30/21	RENT	25.00	138		
58	8/1/21	SALES	75.00			
59	8/15/21	PAYROLL	50.00	139		
60	8/30/21	RENT	25.00	140		
61	9/1/21	SALES	75.00			
62	9/15/21	PAYROLL	50.00	141		
63	9/30/21	RENT				

INS

SCPL

Serial Number:

C66 1 1 426

Model: M24 SWS



RE00127551

Remington®

Factory Repair Instructions

(NOTE: Please print and complete this form, and then include it with your firearm.)

Model Number: <u>M24A1</u>		Serial Number: <u>C6611426</u>	
Are you the original owner?: ☒ YES ☐ NO <u>Contract # DAAE20-02-C-0149</u>			
Name: <u>US Army MPS - STTD</u>		Date of Purchase: <u>UNKNOWN</u>	
Address (no PO Boxes): <u>1401 Artillery Circle</u> <u>BLDG 978</u> <u>ATTN: Ramon Velazquez</u>			
City: <u>FT. Leonard Wood</u>		State: <u>MO</u>	Zip: <u>65473</u>
Phone (Daytime): <u>(573) 596-0131 x6-3420</u>		Fax: <u>(573) 596-0747</u>	
E-mail Address: ☐ I would like to receive future e-mail updates from Remington.			
Please describe your problem and date of occurrence: <u>- worn bolt release/catch spring</u>			
Ammunition Information:			
Manufacturer: <u>Military (Lake City)</u>		Type: <u>M118 MATCH BALL</u>	
Other (i.e. bullet weight/type, shot size, powder):			
Handload Information:			
Powder Used:		Powder Weight:	
Case/Hull Used:		Primer Used:	
Bullet Type/Shot Size:		Reloader Used:	
Firearms Care (Cleaning and Lubrication):			
Brand of cleaning solution used:			
How often do you clean the bore? (Months or Number of rounds)			
How often do you clean the action? (Months or Number of rounds)			
How often do you clean the trigger assembly? (Months or Number of rounds)			
Brand of lubricant used:			
How often do you lubricate the bore? (Months or Number of rounds)			
How often do you lubricate the action? (Months or Number of rounds)			
How often do you lubricate the trigger assembly? (Months or Number of rounds)			
Have you reviewed the cleaning and maintenance recommendations on our web site or in our owners manual? ☐ YES ☐ NO			

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

R & E NUMBER	<u>127551</u>		
SERIAL NUMBER	<u>C6611426</u>		
LOG-IN DATE	<u>4-3-07</u>		

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	<u>4-2</u>	
505	RE-BARREL		
560	ASSEMBLE		
600	PROOF		
605	CHECK HEADSPACE		
610	DIS-ASSEMBLE GUN		
612	MAGNAFLUX		
510	DRILL AND TAP		
615	ROLLMARK CALIBER		
618	ROTO-BLAST		
620	APPLY COATINGS		
625	FINAL ASSEMBLY		
640	FUNCTION TEST AND	<u>PASS</u> FAIL	<u>4-27-07</u> <u>TRW</u>
650	TARGET	<u>PASS</u> FAIL	<u>4-27-07</u> <u>TRW</u>
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		<u>4-27-07</u> <u>CHS</u>
	A) HEADSPACE	<u>PASS</u> FAIL	<u>5-16-07</u> <u>RTW</u>
			<u>5/15/07</u> <u>us</u>
	B) TRIGGER PULL	<u>2.57 2.58 2.59 2.54 2.59</u>	<u>5-10-07</u> <u>TRW</u>
		+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	
680	F) SAFETY ON FORCE	<u>7.25 7.5 8.0</u>	<u>5-10-07</u> <u>TRW</u>
		2 LBS MIN 10 LBS MAX	
	G) SAFETY OFF FORCE	<u>2.0 2.25 2.25</u>	<u>5-10-07</u> <u>TRW</u>
		2 LBS MIN	
	I) FIRING PIN INDENT	<u>.025 .025 .025</u>	<u>5-10-07</u> <u>TRW</u>
		.020	
690	PACK		<u>5-16-07</u> <u>TRW</u>

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: **RE00103094** Serial: C6611426 Model: M24 SWS Center Fire Caliber: 7.62 NATO Produced: 06/18/1991 Repairman: Status: Closed 11/1/2005 3:10:07 PM

Verify Repair: [REDACTED]

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **JERRY NELSON STTD** **JERRY NELSON STTD**

Address 1: **1401 ARTILLERY CIRCLE** **1401 ARTILLERY CIRCLE**

Address 2: **ATTN SUPPLY BLDG 978** PO Box: **ATTN SUPPLY BLDG 978** PO Box:

City: **FORT LEONARD WOOD** **FORT LEONARD WOOD**

State: **MO** Zip Code: **65473** Country: **US** State: **MO** Zip Code: **65473** Country: **US**

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information: Phone: **800 243 9700** Fax: Email: Comments:

Received Condition: Fair Condition Notes: CSR Notes:

Accessories Received:

Code	Desc	Qty
A007	With Stud	3
A009	Soft Case	1
A017	Scope Base	1
A045	Bi Pod	1
A057	Frt and Rear Sgt Base	1

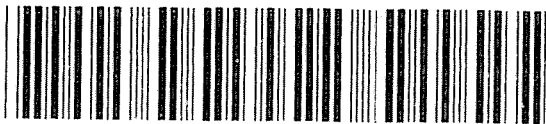
Repair Search Refresh Close

neglatj 11/2/2005 7:21 AM CAPS NUM IINS SCPL

start 2 Arms Services 5 3

Serial Number: **C6611426**

Model: **M24 SWS**



RE00103094

Box 2

MAINTENANCE REQUEST For use of this form, see DA PAM 738-750 and 738-751; the proponent agency is DCSLOG				PAGE NO		NO OF PAGES		REQUIREMENT CONTROL SYMBOL CSGLD-1047(R1)															
SECTION I - CUSTOMER DATA						SECTION II - MAINTENANCE ACTIVITY DATA																	
1a. UIC CUSTOMER WAVU.14		1b. CUSTOMER UNIT NAME STTD		1c. PHONE NO 6-0636		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 1005-01-240-2136		15a. FAILURE DETECTED DURING/WHEN DISCOVERED CODE (Enter code) See DA Pamphlets 738-750 and 738-751																	
8. MODEL M24		15b. FIRST INDICATION OF TROUBLE/HOW RECOGNIZED CODE (Enter Code) See DA Pamphlets 738-750 and 738-751				16. MILES/KILOMETERS/HOURS/ROUNDS																	
9. NOUN SNIPER WEAPON SYSTEM						M		K															
10a. ORG WON/DOC NO				10b. EIC		H		R															
11. SERIAL NUMBER C6611426		12. QTY 1		13. PD 03		17. PROJECT CODE (if assigned)		18. ACCOUNT PROCESSING CODE		19. IN WARRANTY? (enter Y or N)													
14. MALFUNCTION DESCRIPTION (for DSU, GSUI/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)																							
BOLT RELEASE CATCH SPRING																							
25. REMARKS																							
POC JERRY NELSON 596-0636																							
26. TECHNICAL REFERENCES																							
SECTION IV - TASK REQUIREMENTS DATA																							
27a. FILE INPUT ACT CD		27b. TASK NO	27c. ACT CODE	27d. TASK DESCRIPTION			27e. QTY TO BE RPR		27f. WORK CENTER		27g. FAILURE CODE	27h. MH PROJ	27i. MH EXP										
SECTION V - PART REQUIREMENTS																							
28a. FILE INPUT ACT CD	28b. TASK NO	28c. ID NO	28d. NSN OR PART NUMBER			28e. SFX CD	28f. QTY RQD	28g. QTY ISSUED	28h. NMCS CD	28i. FAILURE CODE	28j. STORAGE LOCATION	28k. INITIALS	28l. COST \$										
28m. TOTAL MANHOURS			28n. TOTAL MANHOURS COSTS \$				28o. TOTAL PARTS COSTS \$																
SECTION VI - COMPLETION DATA																							
29. QTY RPR		30. QTY CONDEMN		31. QTY NRTS		32. EVAC WON				33. EVAC UNIT NAME													
SECTION VII - ACTION SIGNATURES																							
34a. SUBMITTED BY		35a. ACCEPTED BY		35c. DATE		36a. WORK STARTED BY		37a. INSPECTED BY		38a. PICKED UP BY													
34b. DATE		35b. STATUS		35d. TIME		36b. STATUS		36c. DATE		36d. TIME		37b. STATUS		37c. DATE		37d. TIME		38b. STATUS		38c. DATE		38d. TIME	
5994																							

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611426.___0
FILE DATE AND TIME: 11/17/2005 15:11

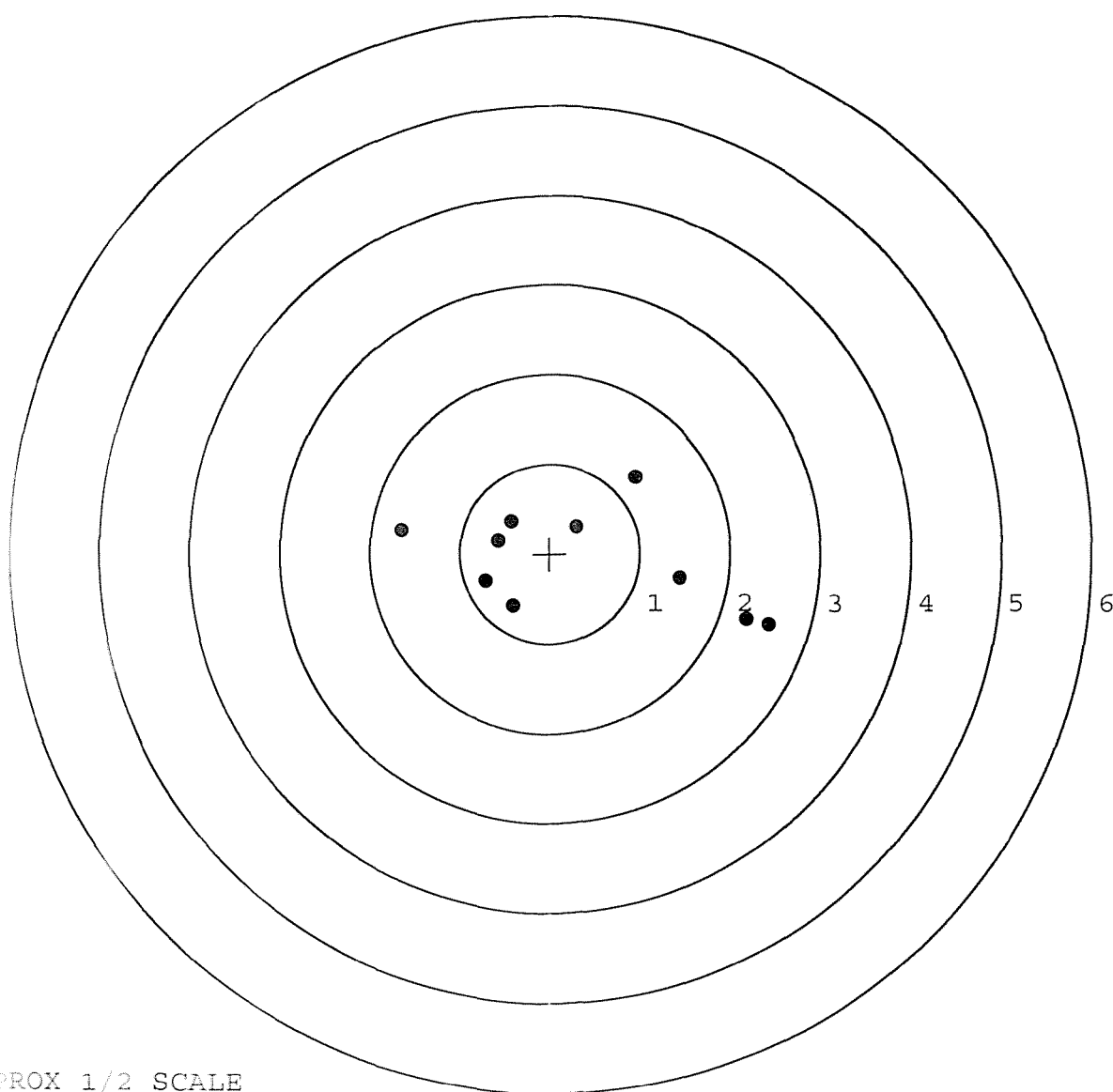
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.015
The Average Y Centroid of the Five Target Set:	-0.045
The Average Point of Impact of the Five Target Set:	0.048
The Average Mean Radius of the Five Target Set:	0.931
The Distance from POA to Centroid Target #1:	0.359
The Distance from Centroid Target #2 to Centroid Target #1:	0.632
The Distance from Centroid Target #3 to Centroid Target #1:	0.187
The Distance from Centroid Target #4 to Centroid Target #1:	0.338
The Distance from Centroid Target #5 to Centroid Target #1:	0.578

SERIAL NUMBER: C6611426. 0
TARGET NUMBER: 1
FILE DATE: 11/17/2005
FILE TIME: 15:11

X CENTROID: 0.350
Y CENTROID: -0.078
POA TO CENTROID: 0.359
HORZ SPREAD: 4.083
VERT SPREAD: 1.647
GROUP SPREAD: 4.218
MIN RADIUS: 0.380
MAX RADIUS: 2.195
MEAN RADIUS: 1.261
IN 1 IN DIAMETER: 1
IN 2 IN DIAMETER: 4
in 3 IN DIAMETER: 7

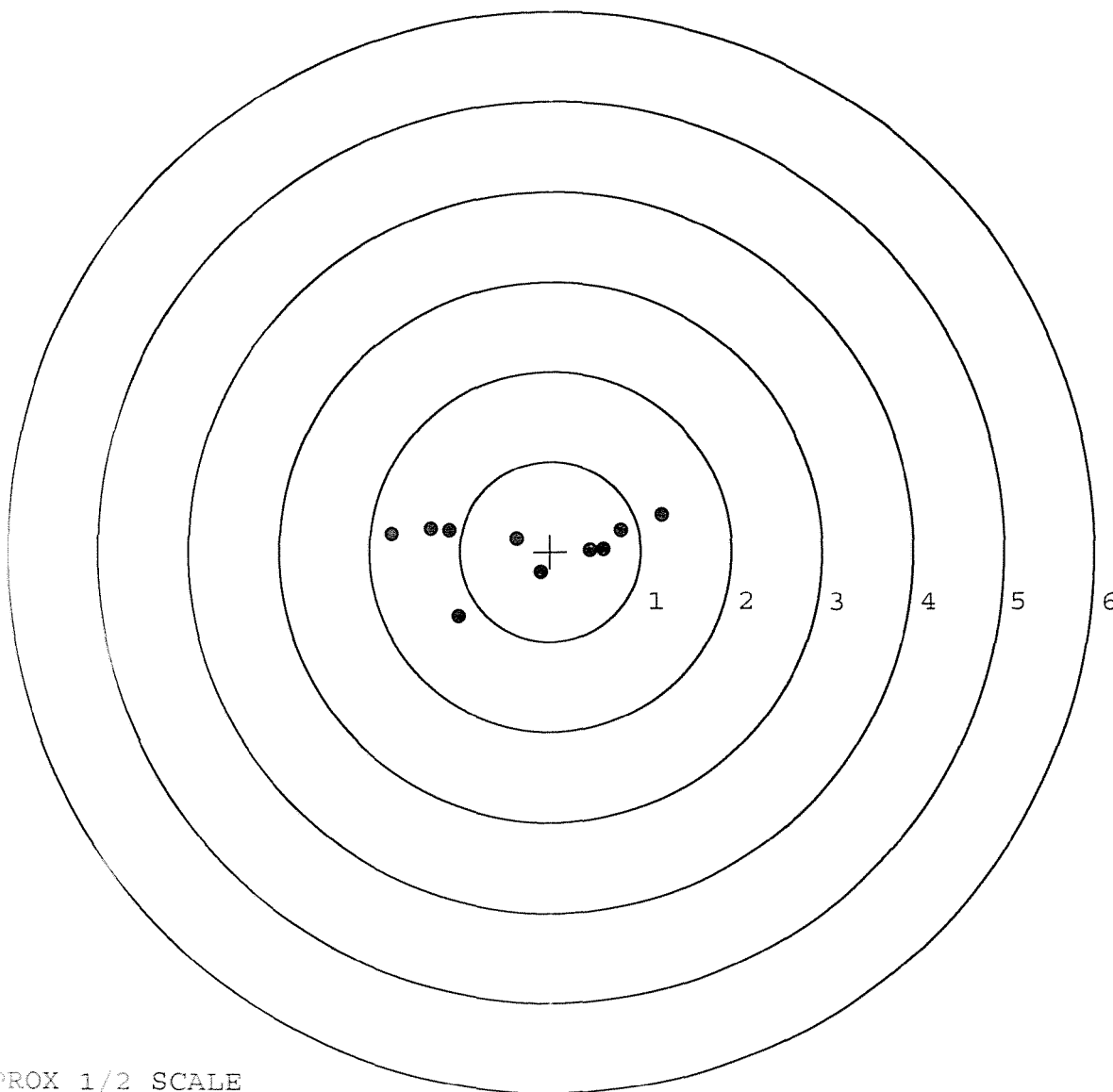
POINT#	X	Y
1:	2.425	-0.796
2:	2.178	-0.739
3:	1.437	-0.276
4:	0.951	0.851
5:	0.294	0.298
6:	-0.427	0.363
7:	-0.573	0.147
8:	-0.411	-0.586
9:	-0.713	-0.305
10:	-1.658	0.261



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611426. __0
TARGET NUMBER: 2
FILE DATE: 11/17/2005
FILE TIME: 15:11

	POINT#	X	Y
	1:	1.225	0.404
	2:	0.778	0.232
	3:	0.591	0.021
	4:	0.442	0.014
X CENTROID:	5:	-0.111	-0.232
Y CENTROID:	6:	-0.372	0.140
POA TO CENTROID:	7:	-1.125	0.227
HORZ SPREAD:	8:	-1.327	0.248
VERT SPREAD:	9:	-1.764	0.194
GROUP SPREAD:	10:	-1.017	-0.727
MIN RADIUS:		0.136	
MAX RADIUS:		1.534	
MEAN RADIUS:		0.916	
# IN 1 IN DIAMETER:		2	
# IN 2 IN DIAMETER:		5	
# in 3 IN DIAMETER:		8	

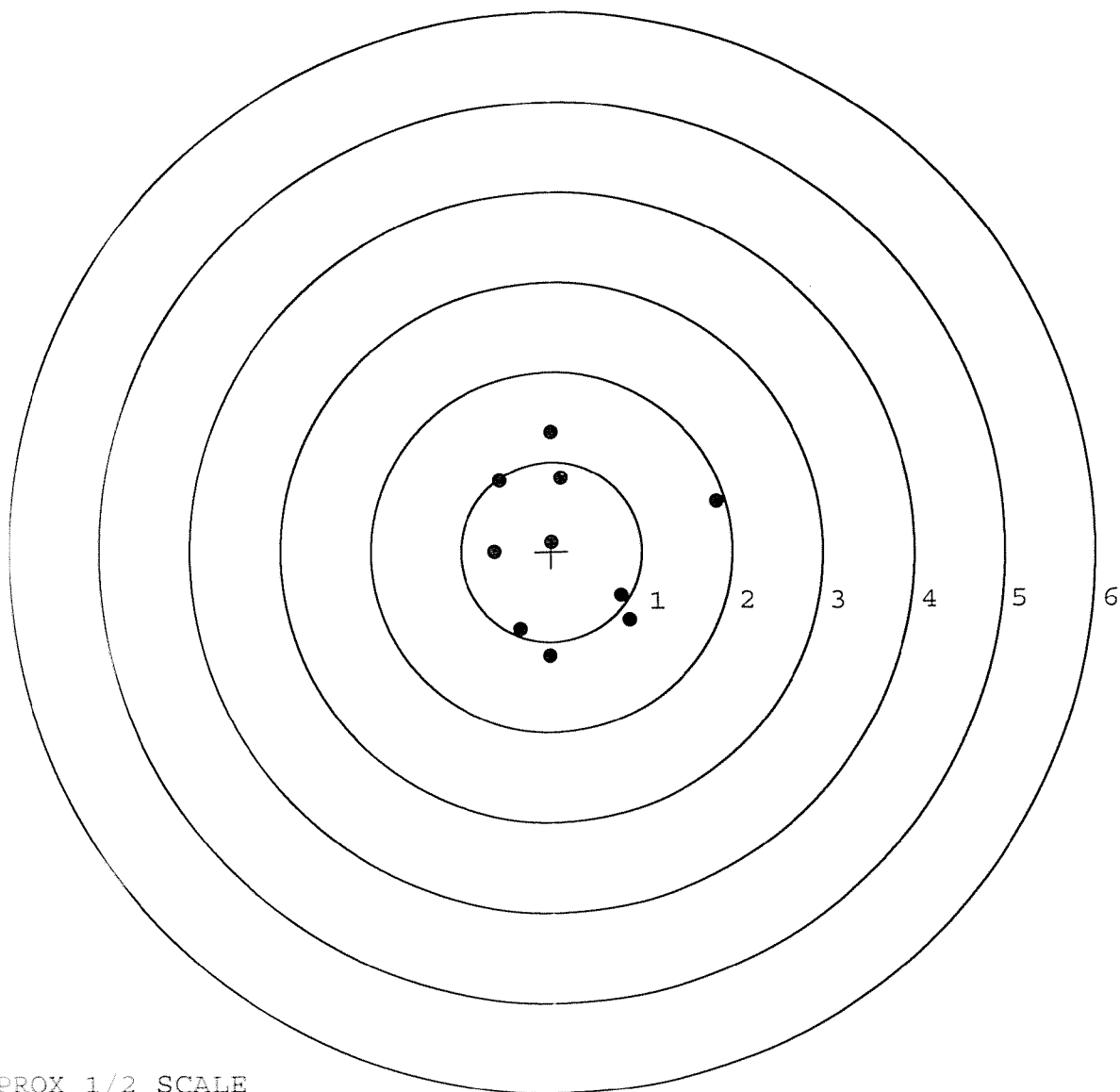


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611426. 0
 TARGET NUMBER: 3
 FILE DATE: 11/17/2005
 FILE TIME: 15:11

X CENTROID: 0.198
 Y CENTROID: 0.031
 POA TO CENTROID: 0.200
 HORZ SPREAD: 2.452
 VERT SPREAD: 2.488
 GROUP SPREAD: 2.589
 MIN RADIUS: 0.217
 MAX RADIUS: 1.702
 MEAN RADIUS: 1.002
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.820	0.546
2:	0.864	-0.767
3:	0.769	-0.497
4:	-0.024	-1.161
5:	-0.352	-0.863
6:	-0.006	0.106
7:	-0.632	0.004
8:	-0.573	0.794
9:	0.112	0.817
10:	-0.002	1.327

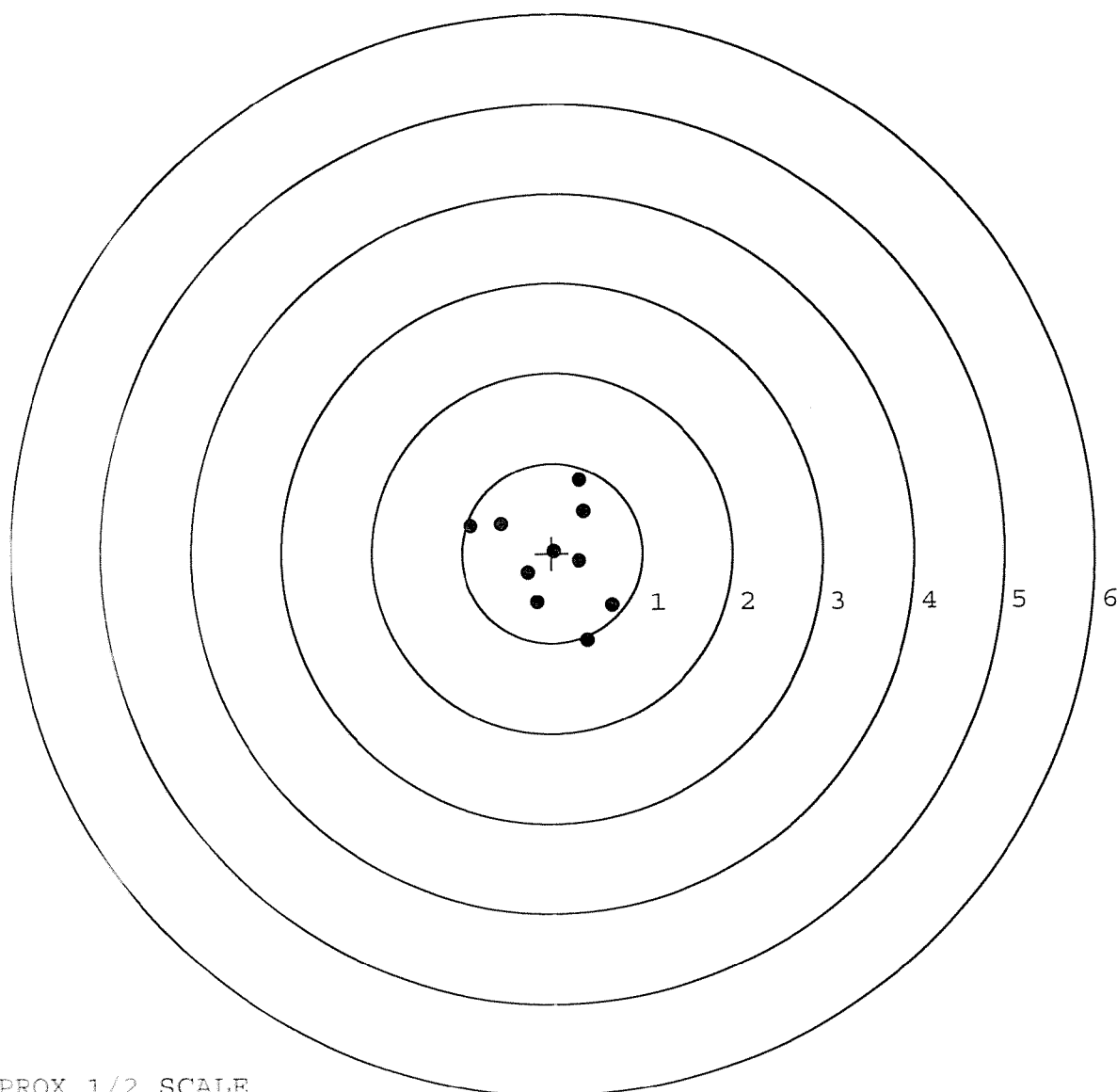


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611426. __0
TARGET NUMBER: 4
FILE DATE: 11/17/2005
FILE TIME: 15:11

X CENTROID: 0.014
Y CENTROID: -0.049
POA TO CENTROID: 0.051
HORZ SPREAD: 1.569
VERT SPREAD: 1.788
GROUP SPREAD: 1.824
MIN RADIUS: 0.071
MAX RADIUS: 0.999
MEAN RADIUS: 0.627
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.388	-0.975
2:	0.665	-0.591
3:	0.312	0.813
4:	0.359	0.461
5:	0.303	-0.093
6:	0.020	0.022
7:	-0.172	-0.547
8:	-0.268	-0.218
9:	-0.564	0.329
10:	-0.904	0.312

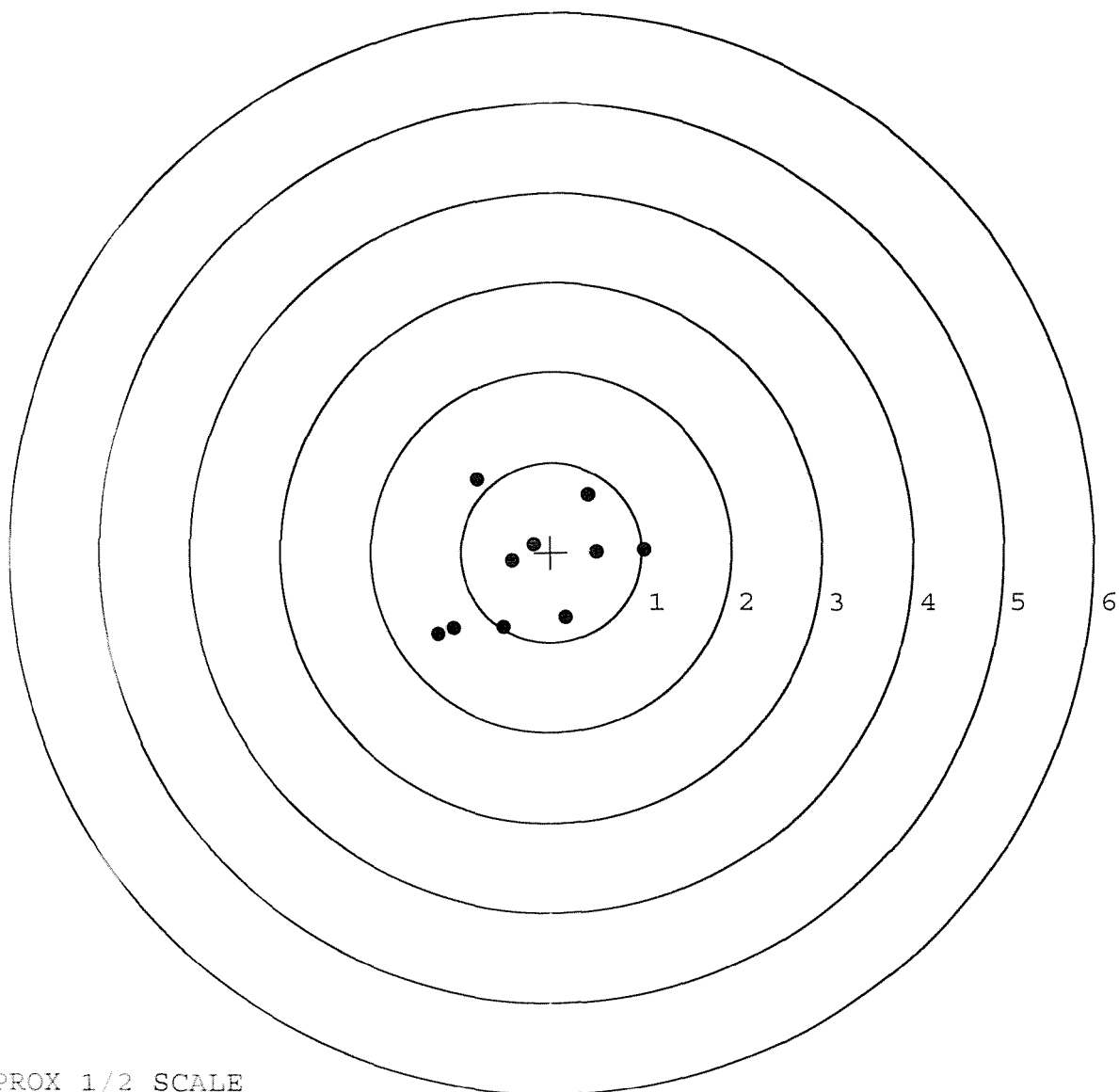


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611426. __0
TARGET NUMBER: 5
FILE DATE: 11/17/2005
FILE TIME: 15:11

POINT#	X	Y
1:	1.031	0.033
2:	0.508	0.011
3:	0.417	0.642
4:	0.164	-0.732
5:	-0.190	0.092
6:	-0.431	-0.092
7:	-0.528	-0.833
8:	-1.082	-0.850
9:	-1.255	-0.917
10:	-0.815	0.815

X CENTROID: -0.218
Y CENTROID: -0.183
POA TO CENTROID: 0.285
HORZ SPREAD: 2.286
VERT SPREAD: 1.732
GROUP SPREAD: 2.476
MIN RADIUS: 0.232
MAX RADIUS: 1.270
MEAN RADIUS: 0.848
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 5
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS:

2.50 LBS (plus or minus 0.50 LBS)
3.00 LBS (plus or minus 0.75 LBS)
4.00 LBS (plus or minus 1.00 LBS)

SERIAL NO. _____

DATE 11-7-05

TESTER R.P.

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.58	2.53		2.49	
PULL #2	2.52	2.56		2.45	
PULL #3	2.60	2.57		2.50	
PULL #4	2.62	2.60		2.45	
PULL #5	2.61	2.50		2.58	
TOTAL	12.93	12.76		12.47	
AVERAGE	2.58	2.55		2.49	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.05	3.06		
PULL #2	3.15	3.13		
PULL #3	3.10	3.08		
PULL #4	3.10	3.08		
PULL #5	3.12	3.06		
TOTAL	15.52	15.41		
AVERAGE	3.10	3.08		

	4.00 LBS INITIAL	4.00 LBS AFTER 20 CYCLES	MAX SETTING GREATER THAN 4 LBS	RESET TO 4 LBS FOR TARGET & ACCURACY
PULL #1	399	4.11		407
PULL #2	407	392		414
PULL #3	417	396		413
PULL #4	415	412		408
PULL #5	416	415		390
TOTAL	20.54	20.26		20.32
AVERAGE	4.10	4.05		4.06

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

R & E NUMBER	103094			
SERIAL NUMBER	C66011426			
LOG-IN DATE	11-1-05			
OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		11-7-05	RTL
505	RE-BARREL		11-9-05	RTL
560	ASSEMBLE		11-9-05	CD
600	PROOF	MAGNA-FLUX	11-9-05	CD
605	CHECK HEADSPACE	HOT	11-9-05	CD
610	DIS-ASSEMBLE GUN		11-9-05	CD
612	MAGNAFLUX	OPERATOR <u>unus</u>	11/10/05	<u>unus</u>
510	DRILL AND TAP		11-10-05	BR
615	ROLLMARK CALIBER		11-10-05	CW
618	ROTO-BLAST		11-14-05	LB
620	APPLY COATINGS		11-14-05	HP
625	FINAL ASSEMBLY		11-16-05	RTL
640	FUNCTION TEST AND	PASS FAIL	11-17-05	TRW
650	TARGET	PASS FAIL	11-17-05	TRW
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION	11-17-05	TRW
670	FINAL INSPECTION			
	A) HEADSPACE	PASS FAIL	11-18-05	AC
	B) TRIGGER PULL	+/- .5 LBS MIN 2.50 LBS MAX 4.0 LBS	2.50 2.50 2.60 2.70 2.50	11-18-05
680	F) SAFETY ON FORCE	2 LBS MIN 10 LBS	6 lbs 6 lbs 6 lbs	11-18-05
	G) SAFETY OFF FORCE	2 LBS MIN	3 lbs 3 lbs 3 lbs	11-18-05
	I) FIRING PIN INDENT	.020	.027 .026 .026	11-18-05
690	PACK		12-3-05	DA




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

MODEL 700™ H24

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

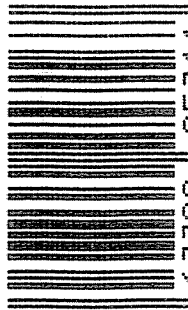
SERIAL NO.
C6611426

ORDER NO.
5716



5716 C6611426

UPC



0 47700 25716 7

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6611426

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	RR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LS
617	Drill and Tap Sight Holes	APR	3 1991	FB
618	Polish Barrel	APR	3 1991	WB
620	Apply Coatings (Barrel Action)		4-19-91	JS
	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		5-17-91	DH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	6			5-18-91	AC
	G) Safety Off Force	3	4	4			5-18-91	AC
	H) Trigger Pull Test & Retainability						5-17-91	DH
	I) Firing Pin Indent	.022	.022	.022			5-17-91	AC
	J) Assemble Stock						5-20-91	AC
	K) Assemble Swivel Studs						5/17/91	KS
	L) Attach Front and Rear Sight Assemblies						5/17/91	KS
	M) Iron Sight Alignment						5/17/91	KS
	N) Detach Front & Rear Sights & place in numbered container						5/17/91	KS
	O) Attach Scope to Rifle						5/17/91	KS
	P) Detach & Attach Scope 20 Times						5/17/91	KS
640	Gallery Target & Test						5/18/91	KT
	A) Time						"	KT
	B) Malfunctions						"	KT
	C) Pierced Primers						"	KT
	D) Optical Clarity of Scope						"	KT
645	Inspect for Live Ammo						5/18/91	KT
655	Final Inspection							
	A) Headspace						5-20-91	AC
	B) Trigger Pull	2.15	2.18	2.20	2.15	2.15	5/20/91	DH
	C) Function						5-20-91	AC
660	Pack						6-17-91	NF

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6611426

DATE 8-17-91

TESTER D/H

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.62	2.56	2.72	2.15	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.62	2.60	2.75	2.18	
PULL #3	2.61	2.63	2.47	2.20	
PULL #4	2.59	2.54	2.50	2.15	
PULL #5	2.60	2.64	2.45	2.15	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.12	3.09		
PULL #2	3.12	3.21		
PULL #3	3.17	3.17		
PULL #4	3.19	3.18		
PULL #5	3.19	3.20		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.18	4.29		4.27
PULL #2	4.18	4.33		4.21
PULL #3	4.19	4.35		4.19
PULL #4	4.14	4.38		4.23
PULL #5	4.19	4.33		4.18
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611426
18 May 1991

CENTROIDAL DISTANCES

Ø TO	1	.270858
1 TO	2	.355788
1 TO	3	.426283
1 TO	4	.576975
1 TO	5	.426353

 <----PQR

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0612
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0386
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0723561
THE AMR FOR THIS RIFLE IS: .8402

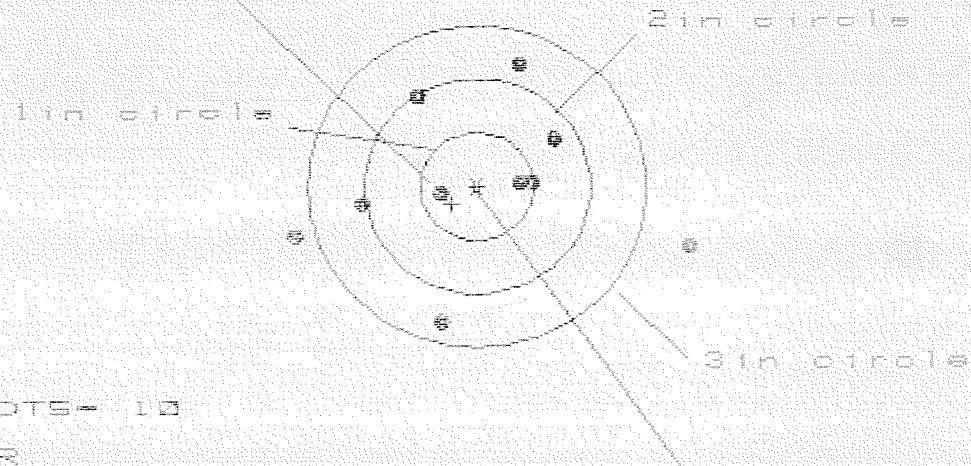
18 May 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8611426

CENTERFIRE PATTERNS

1

POA



OF SHOTS= 10

IN CIR

1 in = 3

2 in = 4

3 in = 3

HS= 3.441

VS= 2.427

GS= 3.442

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.844	.901	.727
MINIMUM X	:	-1.597	-1.392	-1.026
MAXIMUM Y	:	1.129	1.071	1.009
MINIMUM Y	:	-1.298	-1.356	-1.418
CENTROID X	:	.220	.015	.189
CENTROID Y	:	.158	.216	.278
POA TO CENTROID in.	:	.271	.217	.336
MIN RADIUS	:	.300	.120	.301
MEAN RADIUS	:	1.014	.906	.814
MAX RADIUS	:	1.916	1.478	1.444
HORIZONTAL SPREAD	:	3.441	2.293	1.753
VERTICAL SPREAD	:	2.427	2.427	2.427
EXTREME SPREAD	:	3.442	2.529	2.523
NUMBER IN ONE INCH CIRCLE =	:	3	4	8
NUMBER IN TWO INCH CIRCLE =	:	4	4	8
NUMBER IN THREE INCH CIRCLE =	:	8	4	8

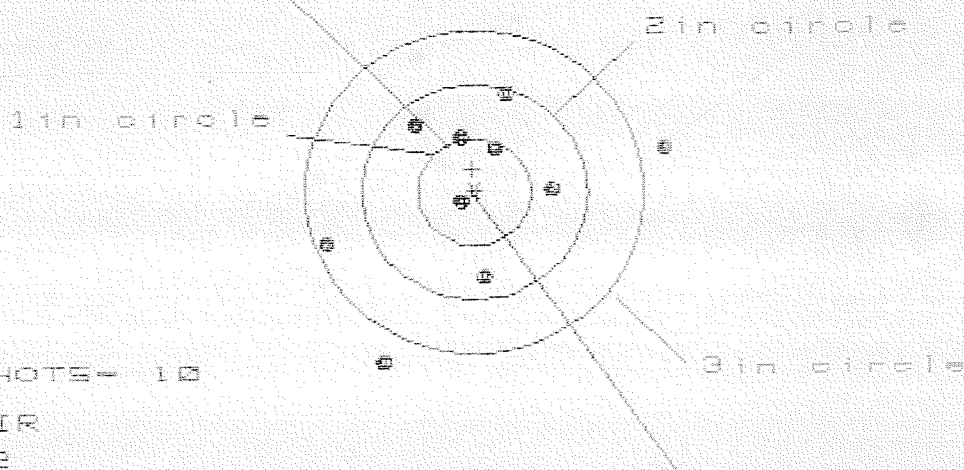
18 May 1991

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CENTERFIRE PATTERNS

5

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 2.965

VS= 2.567

GS= 3.182

PATTERN # : 5

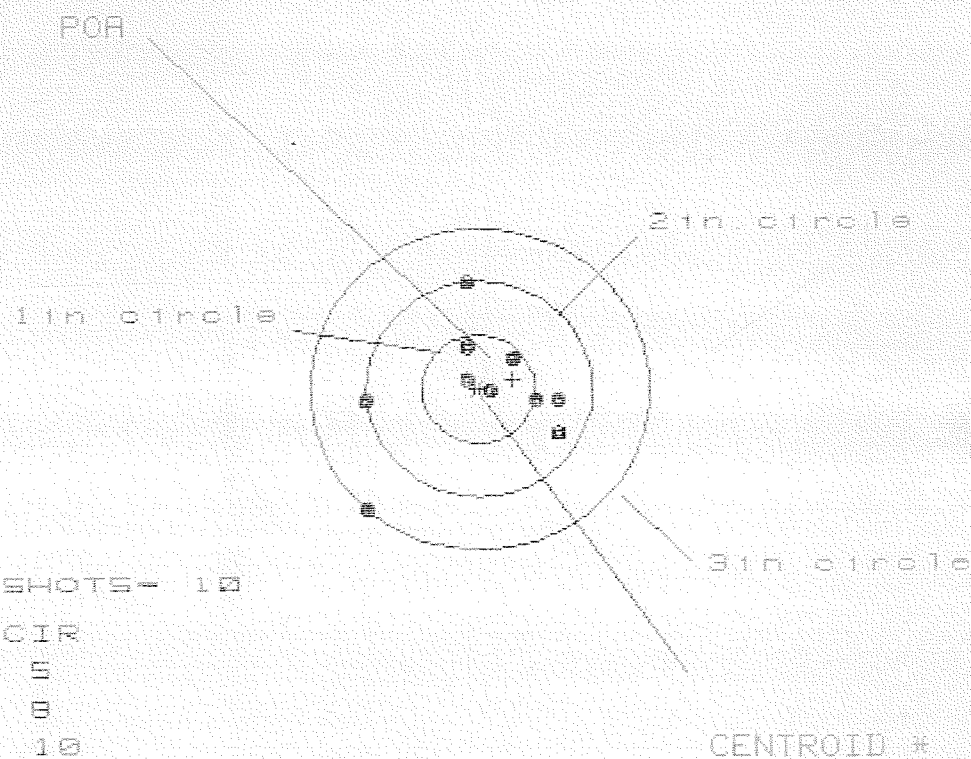
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.650	1.556	.810
MINIMUM X	:	-1.315	-1.409	-1.214
MAXIMUM Y	:	.961	.782	.806
MINIMUM Y	:	-1.607	-.920	-.896
CENTROID X	:	.019	.113	-.082
CENTROID Y	:	-.218	-.039	-.063
POA TO CENTROID in.	:	.218	.119	.103
MIN RADIUS	:	.151	.276	.276
MEAN RADIUS	:	.930	.805	.702
MAX RADIUS	:	1.815	1.568	1.355
HORIZONTAL SPREAD	:	2.965	2.965	2.024
VERTICAL SPREAD	:	2.567	1.702	1.702
EXTREME SPREAD	:	3.182	3.075	2.112
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

10 May 1991

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CENTERFIRE PATTERNS

4



OF SHOTS- 10

IN CIR

1in = 5

2in = 8

3in = 10

HS= 1.705

VS= 2.039

GS= 2.230

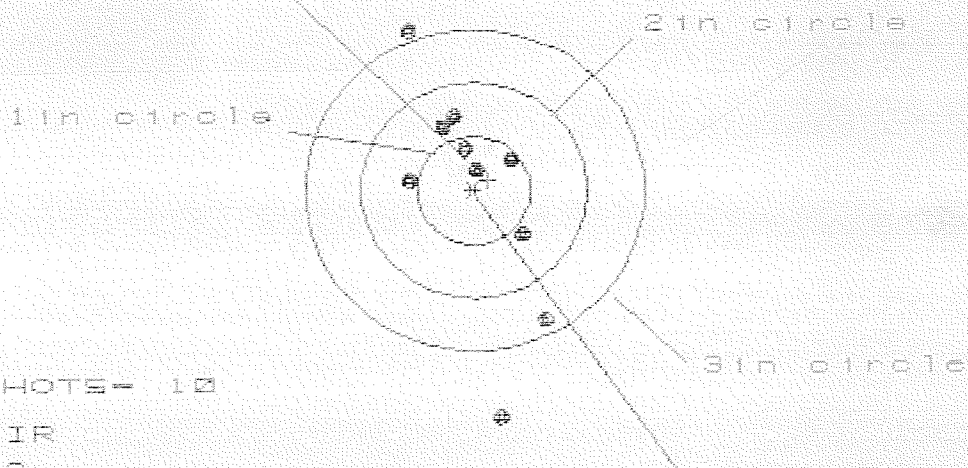
PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.693	.580	.442
MINIMUM X	-1.012	-1.109	-.396
MAXIMUM Y	.959	.839	.806
MINIMUM Y	-1.080	-.480	-.513
CENTROID X	-.300	-.187	-.049
CENTROID Y	-.092	.028	.061
POA TO CENTROID in.	.313	.189	.078
MIN RADIUS	.140	.145	.196
MEAN RADIUS	.654	.531	.445
MAX RADIUS	1.481	1.138	.883
HORIZONTAL SPREAD	1.705	1.689	.838
VERTICAL SPREAD	2.039	1.319	1.319
EXTREME SPREAD	2.230	1.704	1.543
NUMBER IN ONE INCH CIRCLE =	5		
NUMBER IN TWO INCH CIRCLE =	8		
NUMBER IN THREE INCH CIRCLE =	10		

18 May 1991

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CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 8

HS= 1.201

VS= 3.628

GS= 3.717

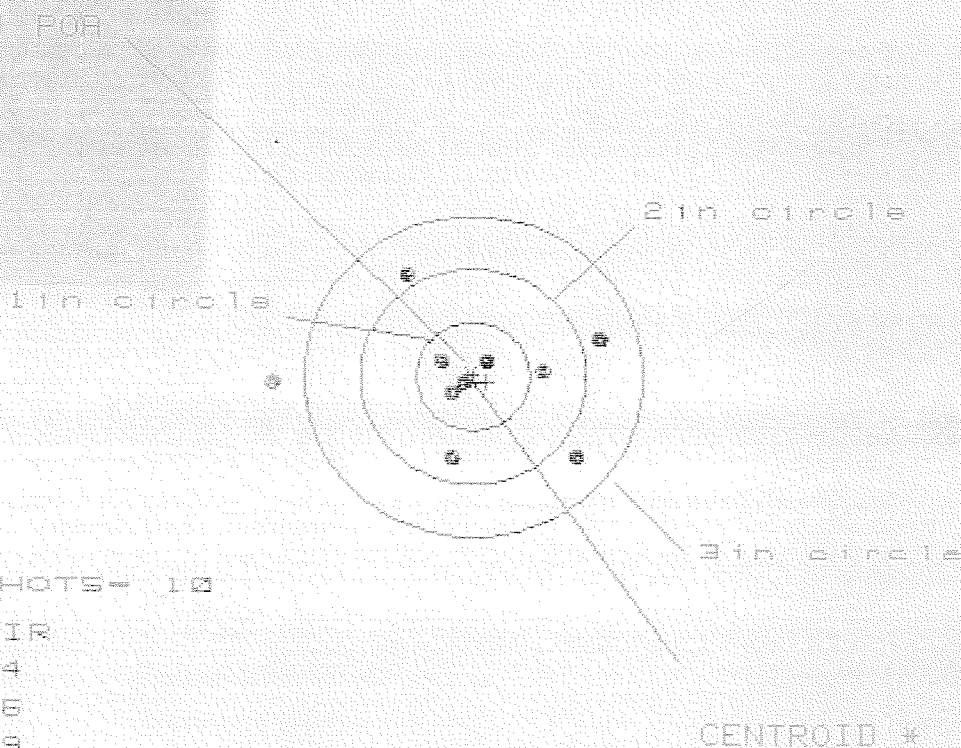
CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.609	.633	.562
MINIMUM X	:	-.592	-.568	-.639
MAXIMUM Y	:	1.475	1.236	.648
MINIMUM Y	:	-2.153	-1.427	-1.273
CENTROID X	:	-.126	-.150	-.079
CENTROID Y	:	-.091	.148	-.006
POA TO CENTROID in.	:	.155	.211	.079
MIN RADIUS	:	.179	.120	.083
MEAN RADIUS	:	.865	.645	.580
MAX RADIUS	:	2.164	1.561	1.391
HORIZONTAL SPREAD	:	1.201	1.201	1.201
VERTICAL SPREAD	:	3.628	2.663	1.921
EXTREME SPREAD	:	3.717	2.920	2.062
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		8	

18 May 1991

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CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 4

2in = 5

3in = 9

HS= 2.901

VS= 1.740

GS= 2.931

PATTERN #	:			
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.141	.946	1.041
MINIMUM X	:	-1.760	-.747	-.652
MAXIMUM Y	:	.965	.961	.863
MINIMUM Y	:	-.775	-.779	-.810
CENTROID X	:	-.119	.076	-.019
CENTROID Y	:	.050	.054	.152
POA TO CENTROID in.	:	.129	.094	.153
MIN RADIUS	:	.056	.144	.063
MEAN RADIUS	:	.738	.639	.558
MAX RADIUS	:	1.760	1.217	1.082
HORIZONTAL SPREAD	:	2.901	1.693	1.693
VERTICAL SPREAD	:	1.740	1.740	1.673
EXTREME SPREAD	:	2.931	2.305	1.791
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	