C6611786

MODEL 700™ M24

Model SWS™

Action

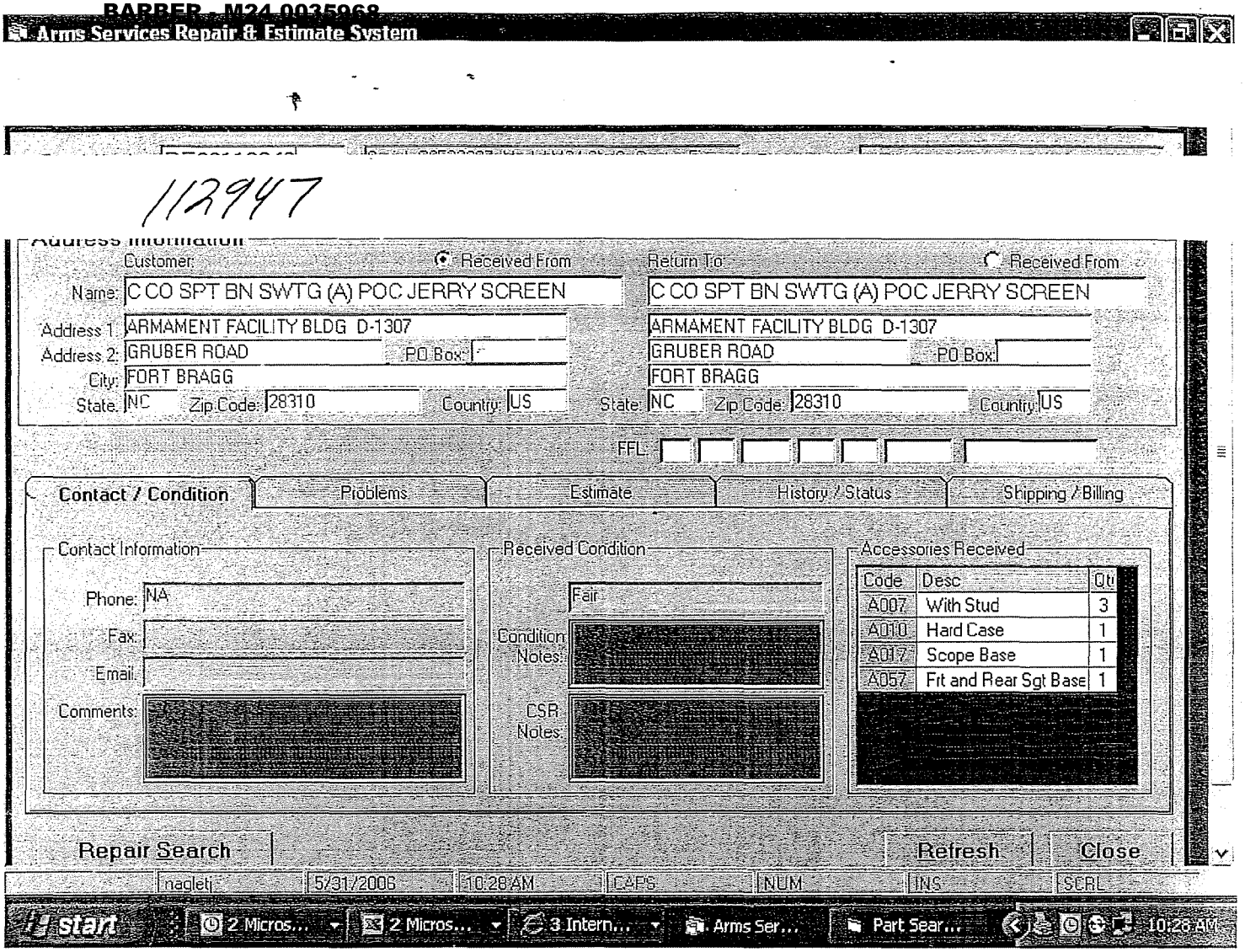
Barrel Length

Capacity

Order No. 5716

*Includes 1 in chamber.

Remington



Serial Number: C6611786

Model: M24 SWS

RE00112947

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFOMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6611786.__0
FILE DATE AND TIME: 06/29/2006 17:49

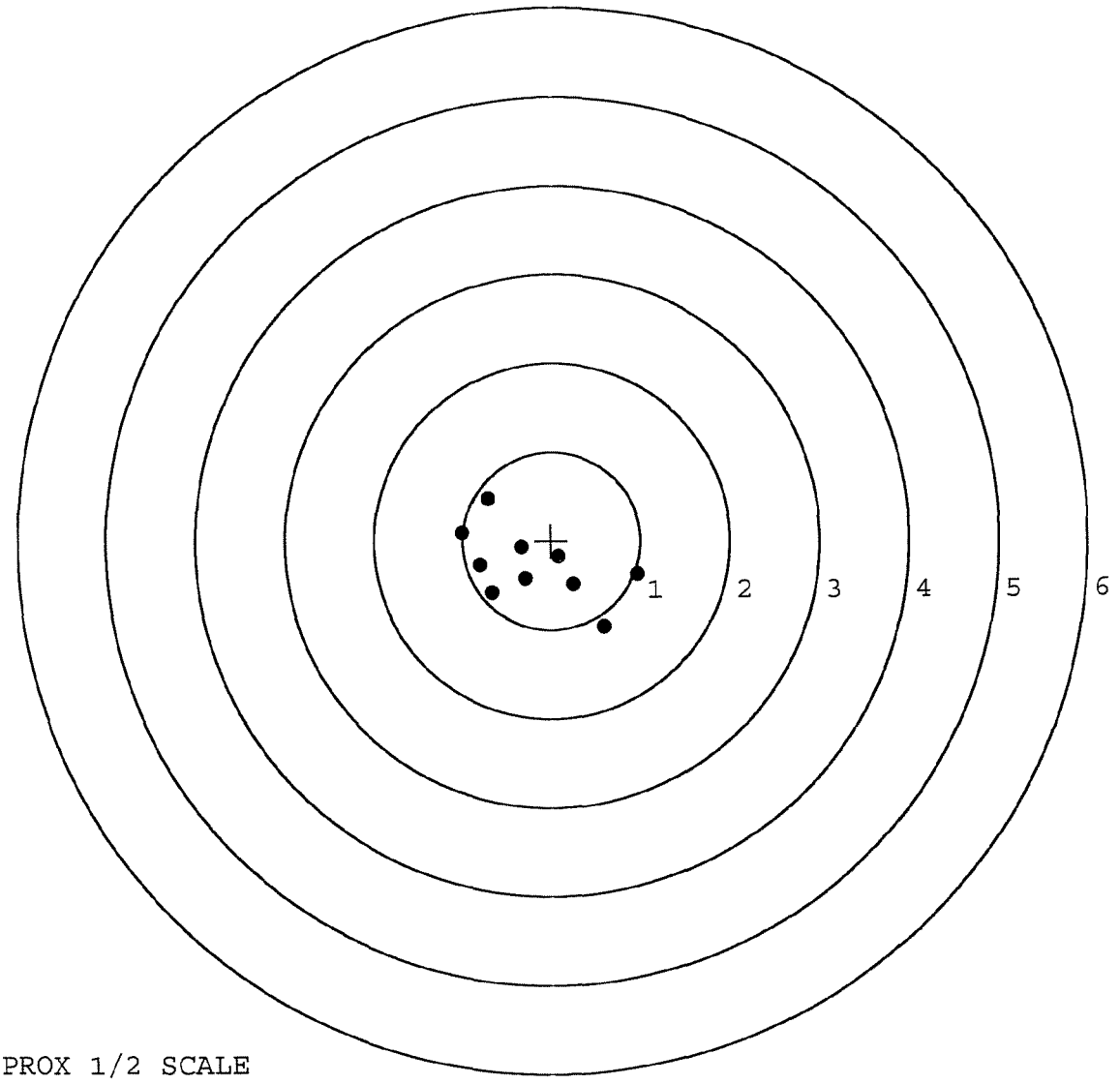
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	0.009
The Average Y Centroid of the Five Target Set:	-0.093
The Average Point of Impact of the Five Target Set:	0.094
The Average Mean Radius of the Five Target Set:	0.630
The Distance from POA to Centroid Target #1:	0.342
The Distance from Centroid Target #2 to Centroid Target #1:	0.222
The Distance from Centroid Target #3 to Centroid Target #1:	0.363
The Distance from Centroid Target #4 to Centroid Target #1:	0.247
The Distance from Centroid Target #5 to Centroid Target #1:	0.634

SERIAL NUMBER: C6611786.__0
TARGET NUMBER: 1
FILE DATE: 06/29/2006
FILE TIME: 17:49

X CENTROID:	-0.192
Y CENTROID:	-0.283
POA TO CENTROID:	0.342
HORZ SPREAD:	1.973
VERT SPREAD:	1.445
GROUP SPREAD:	2.029
MIN RADIUS:	0.179
MAX RADIUS:	1.166
MEAN RADIUS:	0.641
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.717	0.478
2:	-1.003	0.092
3:	-0.800	-0.270
4:	-0.670	-0.584
5:	-0.296	-0.429
6:	-0.336	-0.079
7:	0.082	-0.186
8:	0.253	-0.500
9:	0.595	-0.967
10:	0.970	-0.381

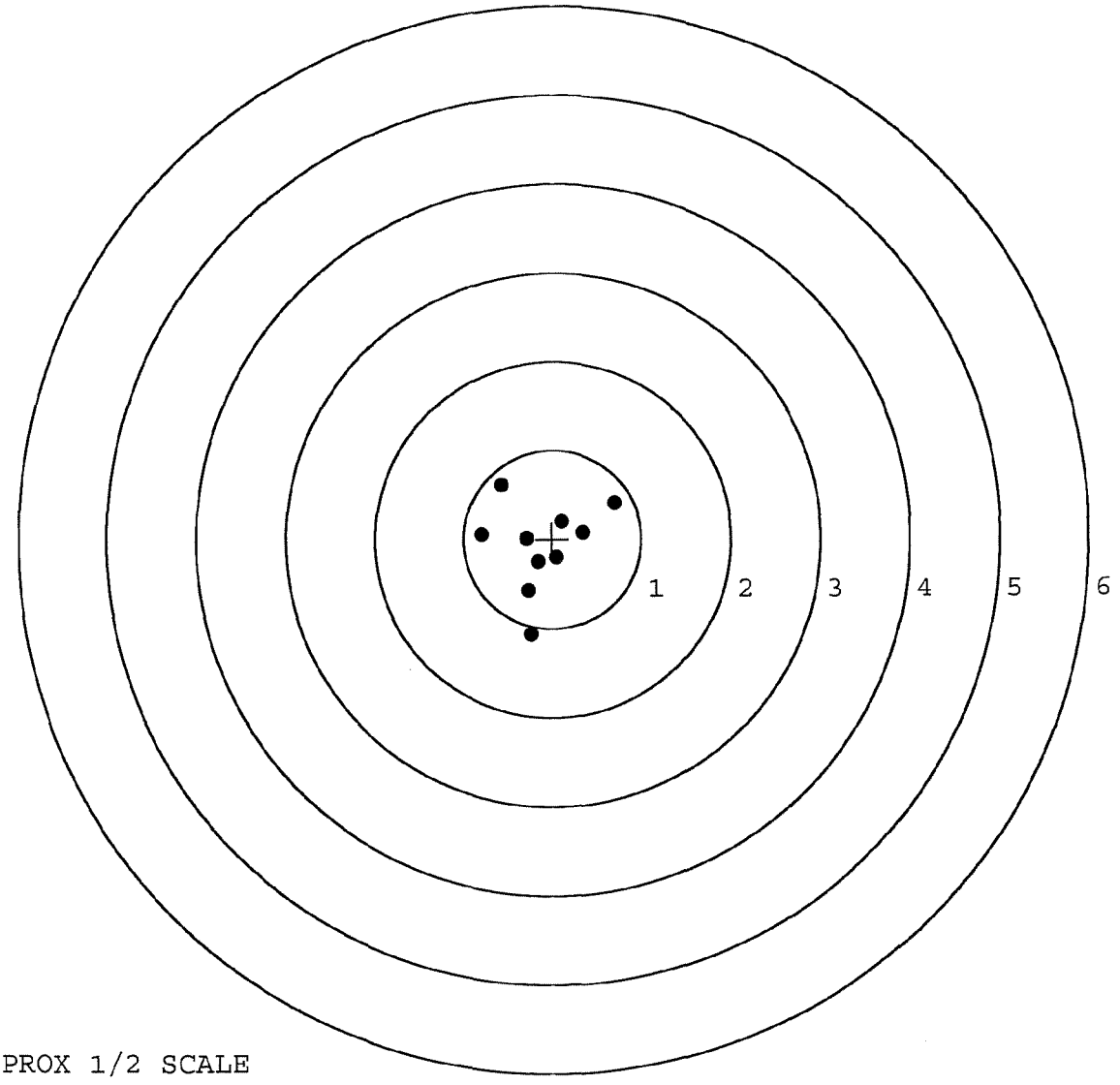


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611786.__0
TARGET NUMBER: 2
FILE DATE: 06/29/2006
FILE TIME: 17:49

X CENTROID:	-0.111
Y CENTROID:	-0.076
POA TO CENTROID:	0.135
HORZ SPREAD:	1.490
VERT SPREAD:	1.683
GROUP SPREAD:	1.744
MIN RADIUS:	0.186
MAX RADIUS:	1.003
MEAN RADIUS:	0.542
# IN 1 IN DIAMETER:	5
# IN 2 IN DIAMETER:	9
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.574	0.612
2:	-0.795	0.057
3:	-0.288	0.007
4:	0.053	-0.211
5:	0.352	0.075
6:	0.113	0.196
7:	0.695	0.403
8:	-0.160	-0.256
9:	-0.273	-0.575
10:	-0.237	-1.071

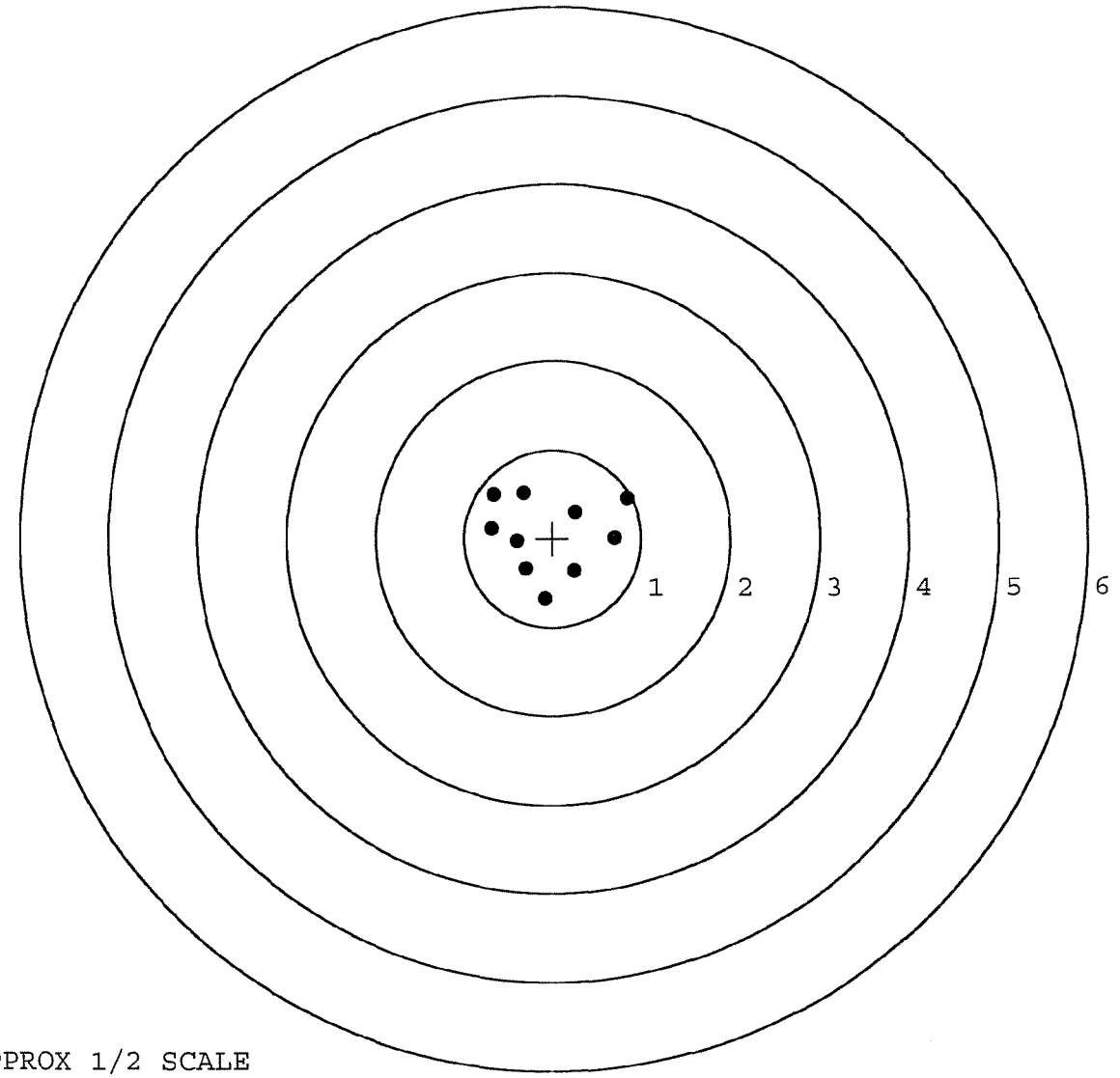


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611786.__0
TARGET NUMBER: 3
FILE DATE: 06/29/2006
FILE TIME: 17:49

X CENTROID:	-0.044
Y CENTROID:	0.048
POA TO CENTROID:	0.065
HORZ SPREAD:	1.525
VERT SPREAD:	1.203
GROUP SPREAD:	1.562
MIN RADIUS:	0.365
MAX RADIUS:	0.968
MEAN RADIUS:	0.616
# IN 1 IN DIAMETER:	3
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	-0.670	0.502
2:	-0.331	0.520
3:	-0.690	0.118
4:	-0.400	-0.029
5:	-0.302	-0.342
6:	-0.088	-0.683
7:	0.248	-0.370
8:	0.256	0.300
9:	0.705	0.010
10:	0.835	0.455

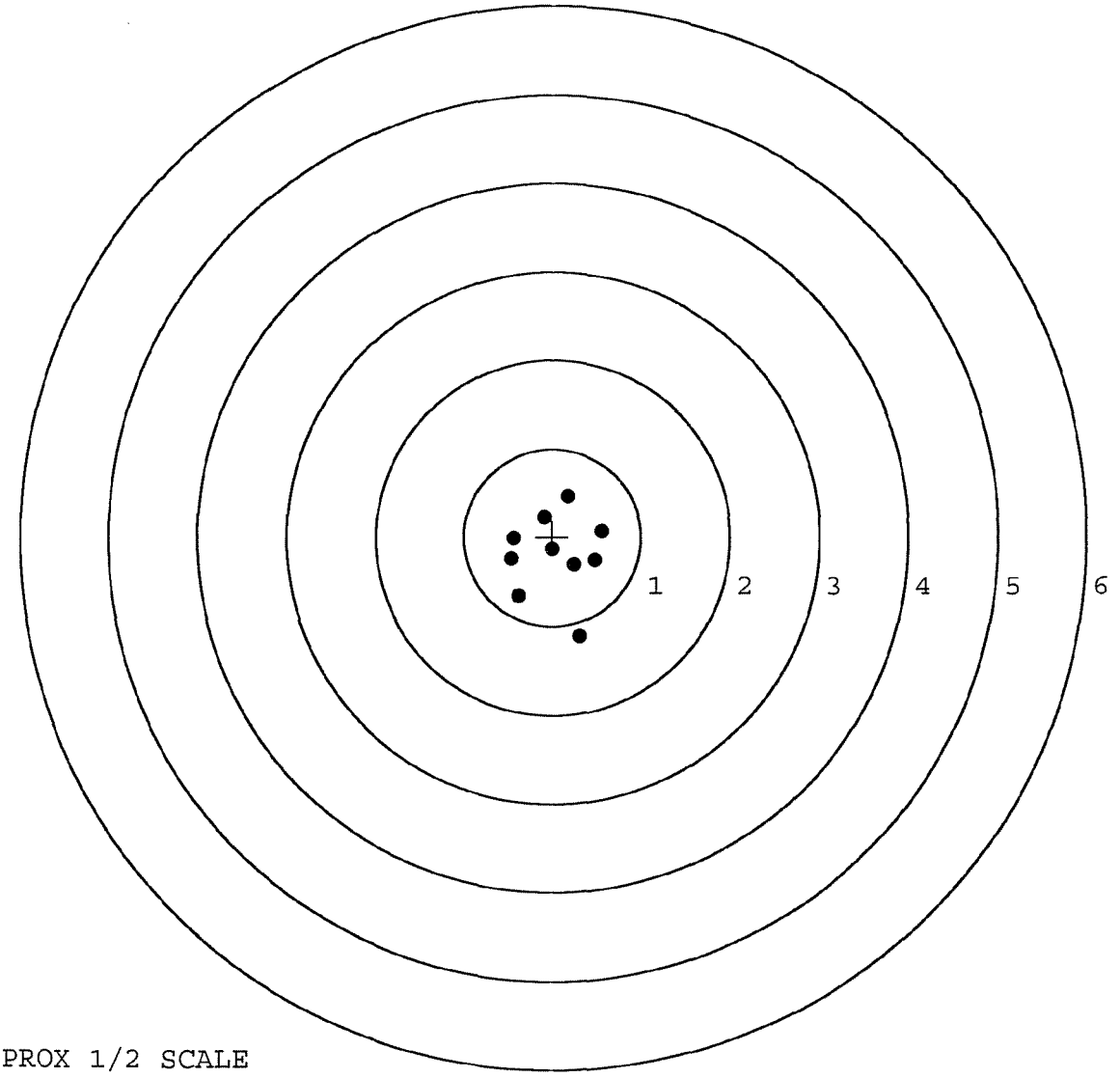


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611786.__0
TARGET NUMBER: 4
FILE DATE: 06/29/2006
FILE TIME: 17:49

X CENTROID:	0.042
Y CENTROID:	-0.202
POA TO CENTROID:	0.206
HORZ SPREAD:	1.026
VERT SPREAD:	1.574
GROUP SPREAD:	1.580
MIN RADIUS:	0.076
MAX RADIUS:	0.953
MEAN RADIUS:	0.508
# IN 1 IN DIAMETER:	4
# IN 2 IN DIAMETER:	10
# in 3 IN DIAMETER:	10

POINT#	X	Y
1:	0.177	0.460
2:	-0.088	0.226
3:	-0.006	-0.143
4:	0.248	-0.320
5:	0.485	-0.264
6:	0.564	0.073
7:	-0.434	-0.019
8:	-0.386	-0.670
9:	0.318	-1.114
10:	-0.462	-0.251

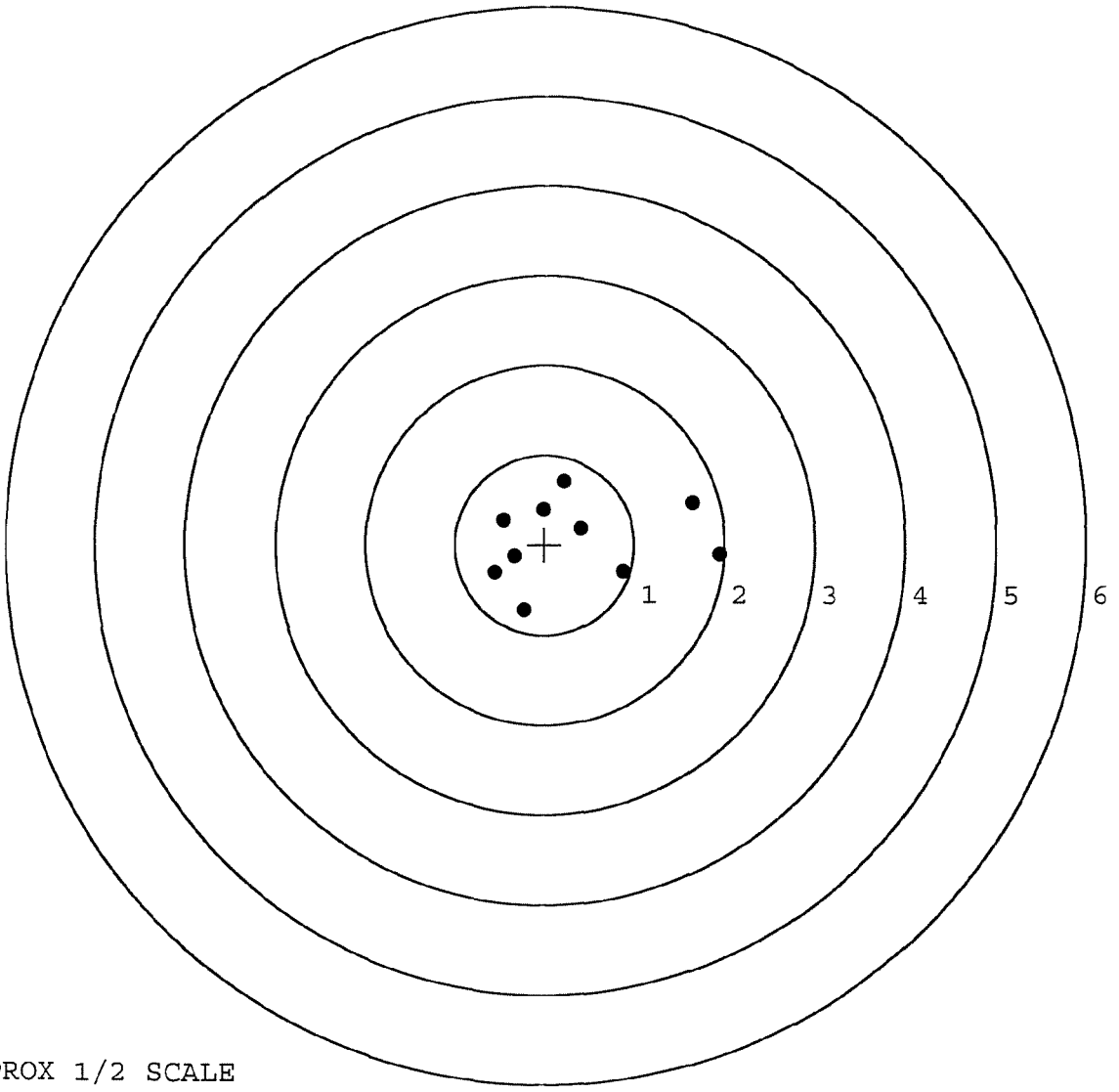


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6611786.__0
TARGET NUMBER: 5
FILE DATE: 06/29/2006
FILE TIME: 17:49

X CENTROID:	0.350
Y CENTROID:	0.046
POA TO CENTROID:	0.353
HORZ SPREAD:	2.506
VERT SPREAD:	1.437
GROUP SPREAD:	2.515
MIN RADIUS:	0.149
MAX RADIUS:	1.605
MEAN RADIUS:	0.843
# IN 1 IN DIAMETER:	1
# IN 2 IN DIAMETER:	8
# in 3 IN DIAMETER:	9

POINT#	X	Y
1:	-0.231	-0.732
2:	-0.558	-0.311
3:	-0.335	-0.133
4:	-0.462	0.278
5:	-0.018	0.393
6:	0.219	0.705
7:	0.411	0.182
8:	0.879	-0.300
9:	1.643	0.478
10:	1.948	-0.102

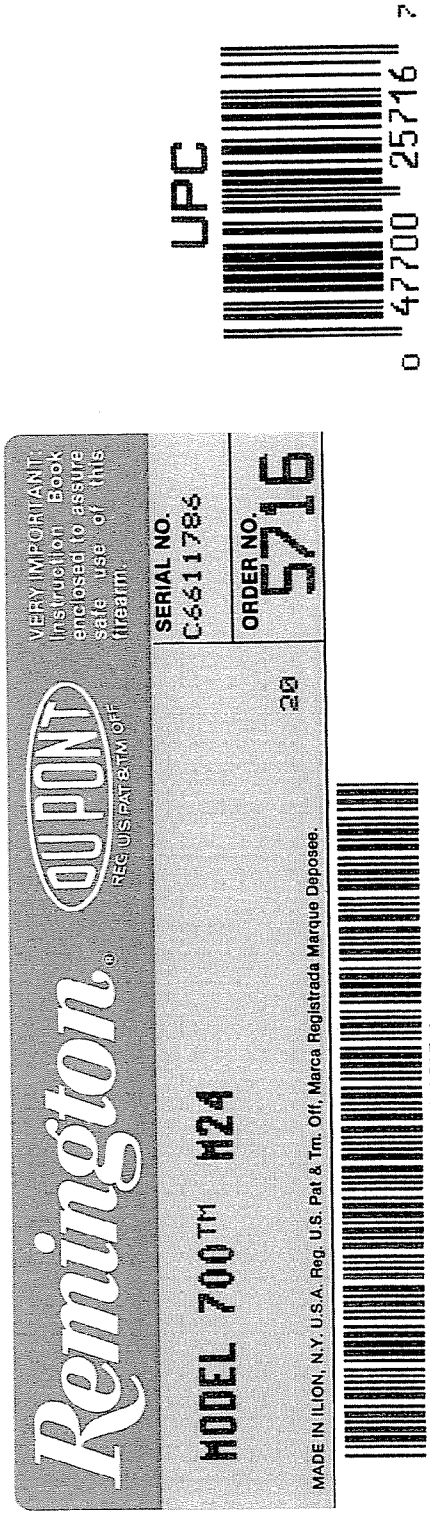


TARGET APPROX 1/2 SCALE

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

R & E NUMBER	112947
SERIAL NUMBER	C6611786
LOG-IN DATE	5-30-06

OPERATION #	OPERATION NAME		DATE	INITIAL
500	DIS-ASSEMBLE GUN		6-12-06	RTC
505	RE-BARREL		6-20-06	RTC
560	ASSEMBLE		6-20-06	RTC
600	PROOF	MAGNA-FLUX INSPECTED JUN 23 2006	6-20-06	TRW
605	CHECK HEADSPACE		6-20-06	TRW
610	DIS-ASSEMBLE GUN		6-21-06	RTC
612	MAGNAFLUX	OPERATOR initials 6	6/23/06	initials
510	DRILL AND TAP		6-22-06	TRW
615	ROLLMARK CALIBER		6-[illegible]-06	CW
618	ROTO-BLAST		6-23-06	LB
620	APPLY COATINGS		6/28/06	[illegible]
625	FINAL ASSEMBLY		6-29-06	RTC
640	FUNCTION TEST AND	(PASS) FAIL	6-29-06	L.P.D.
650	TARGET	(PASS) FAIL	6-29-06	L.P.D.
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION N/A		
	MALFUNCTION	CORRECTION		
	MALFUNCTION	CORRECTION		
670	FINAL INSPECTION		7-5-06	AC
	A) HEADSPACE	(PASS) FAIL	7-5-06	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)	.023 .023 .023		AC
690	PACK		8-3-06	[illegible]


Remington
DUPONT
REG. U.S. PAT. & TM. OFF.
VERY IMPORTANT
Instruction Book
enclosed to assure
safe use of this
firearm.
MODEL 700TM M24
SERIAL NO.
C6611786
ORDER NO.
5716
20
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.
5716 C6611786
UPC
0 47700 25716 7

M-24

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C611786

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		1/22/91	KS
600	Proof		1/22/91	KS
607	Check Headspace		1/22/91	KS
610	Dis-assemble Gun		1/22/91	KS
612	Magnaflux Barrel Action		1/29/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	RS
617	Drill and Tap Sight Holes	2	2 9 1	KB
618	Polish Barrel KBB	2	2 9 1	KB
620	Apply Coatings (Barrel Action)		2-11-91	DA
	Apply Coating (Bolt)			DA
625	Final Assembly A) Clean inside of Bolt Assembly		2/18/91	KA
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/18/91	KA
	C) Inspect Ejector Hole for Chamfer		2/18/91	KA
	D) Oil Firing Pin Ass'y		2/18/91	KA
	E) Adjust Trigger Pull to Min Setting and Stake		2-21-91	KA

op. #	OPN NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	$4\frac{3}{4}$	5			2-21-91	DH
	G) Safety Off Force	2	2	2			2-21-91	DH
	H) Trigger Pull Test & Retainability						2-21-91	DH
	I) Firing Pin Indent	.0205	.0205	.020			2-21-91	DH
	J) Assemble Stock						2/25/91	KS
	K) Assemble Swivel Studs						2/26/91	KS
	L) Attach Front and Rear Sight Assemblies						2/26/91	KS
	M) Iron Sight Alignment						2/26/91	KS
	N) Detach Front & Rear Sights & place in numbered container						2/26/91	KS
	O) Attach Scope to Rifle						2/25/91	KS
	P) Detach & Attach Scope 20 Times						2/25/91	KS
640	Gallery Target & Test						2-26-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clearity of Scope						"	NF
645	Inspect for Live Ammo						2-26-91	NF
655	Final Inspection A) Headspace						3-1-91	DH
	B) Trigger Pull	2.50	2.48	2.52	2.56	2.51	2/27/91	DH
	C) Function						3-1-91	DH
660	Pack						3-18-91	NF

SWS TRIGGER PULL TEST

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

SERIAL NO. CC611786
DATE 2-21-91
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.39	2.49	2.42	2.50	MIN. SETTING,
PULL #2	2.49	2.47	2.55	2.48	NO AVG. OF 5
PULL #3	2.49	2.39	2.45	2.52	READINGS ACCEPT-
PULL #4	2.50	2.37	2.32	2.56	ABLE LESS THAN 2#
PULL #5	2.42	2.35	2.38	2.51	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.00	3.17		
PULL #2	3.07	3.13		
PULL #3	3.01	3.12		
PULL #4	3.04	3.09		
PULL #5	3.05	3.07		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	3.95		3.97
PULL #2	4.21	4.18		4.07
PULL #3	4.07	4.13		4.14
PULL #4	3.74	4.22		4.09
PULL #5	4.02	4.15		4.07
TOTAL				
AVG.				

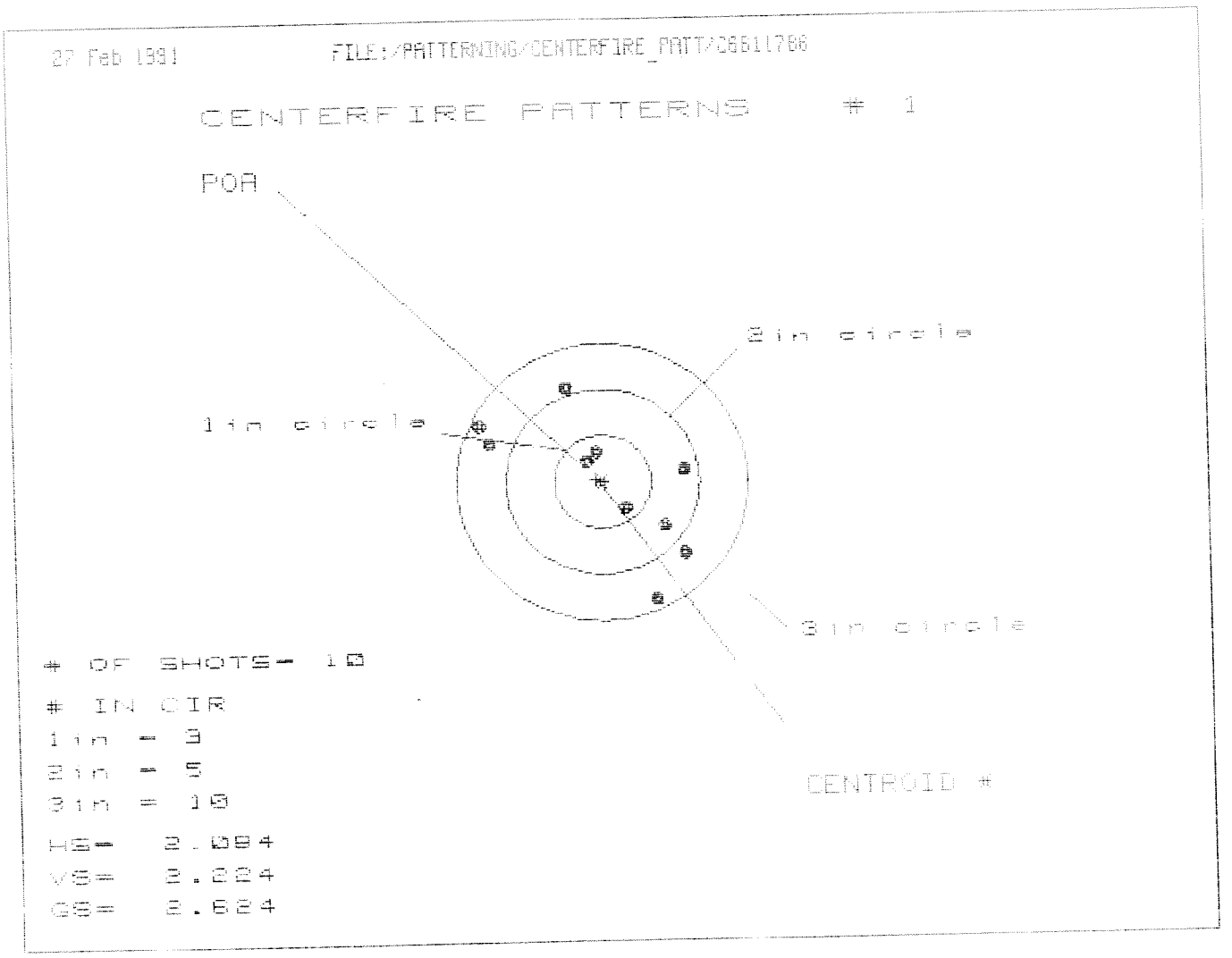
CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6811786
27 Feb 1991

CENTROIDAL DISTANCES

0	TO	1	.0677791
1	TO	2	.182833
1	TO	3	.265062
1	TO	4	.207928
1	TO	5	.168434

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .05
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0852
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0987879

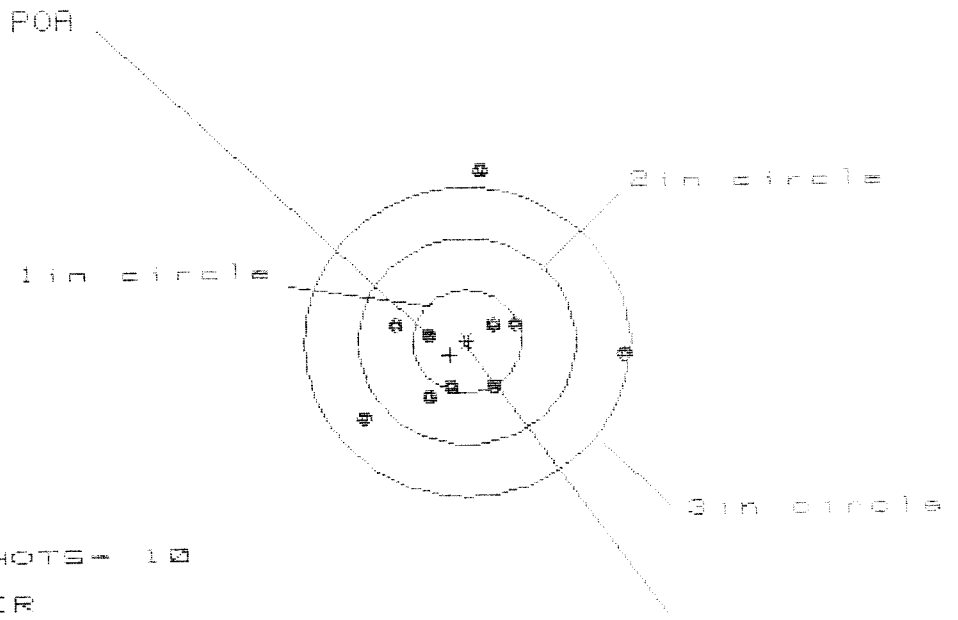
THE AMR FOR THIS RIFLE IS: .877



PATTERN #	:	1	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.839	.701	.754
MINIMUM X	:	-1.245	-1.347	-1.294
MAXIMUM Y	:	.984	1.058	.912
MINIMUM Y	:	-1.240	-1.166	-.840
CENTROID X	:	.063	.201	.148
CENTROID Y	:	-.025	-.099	.047
POF TO CENTROID in.	:	.068	.224	.156
MIN RADIUS	:	.263	.187	.267
MEAN RADIUS	:	.875	.800	.735
MAX RADIUS	:	1.411	1.427	1.335
HORIZONTAL SPREAD	:	2.084	2.048	2.048
VERTICAL SPREAD	:	2.224	2.224	1.752
EXTREME SPREAD	:	2.624	2.418	2.311
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		10	

27 Feb 1991 FILE:/PATTERNING/CENTERFIRE_PATT/C06111706

CENTERFIRE PATTERNS # 2

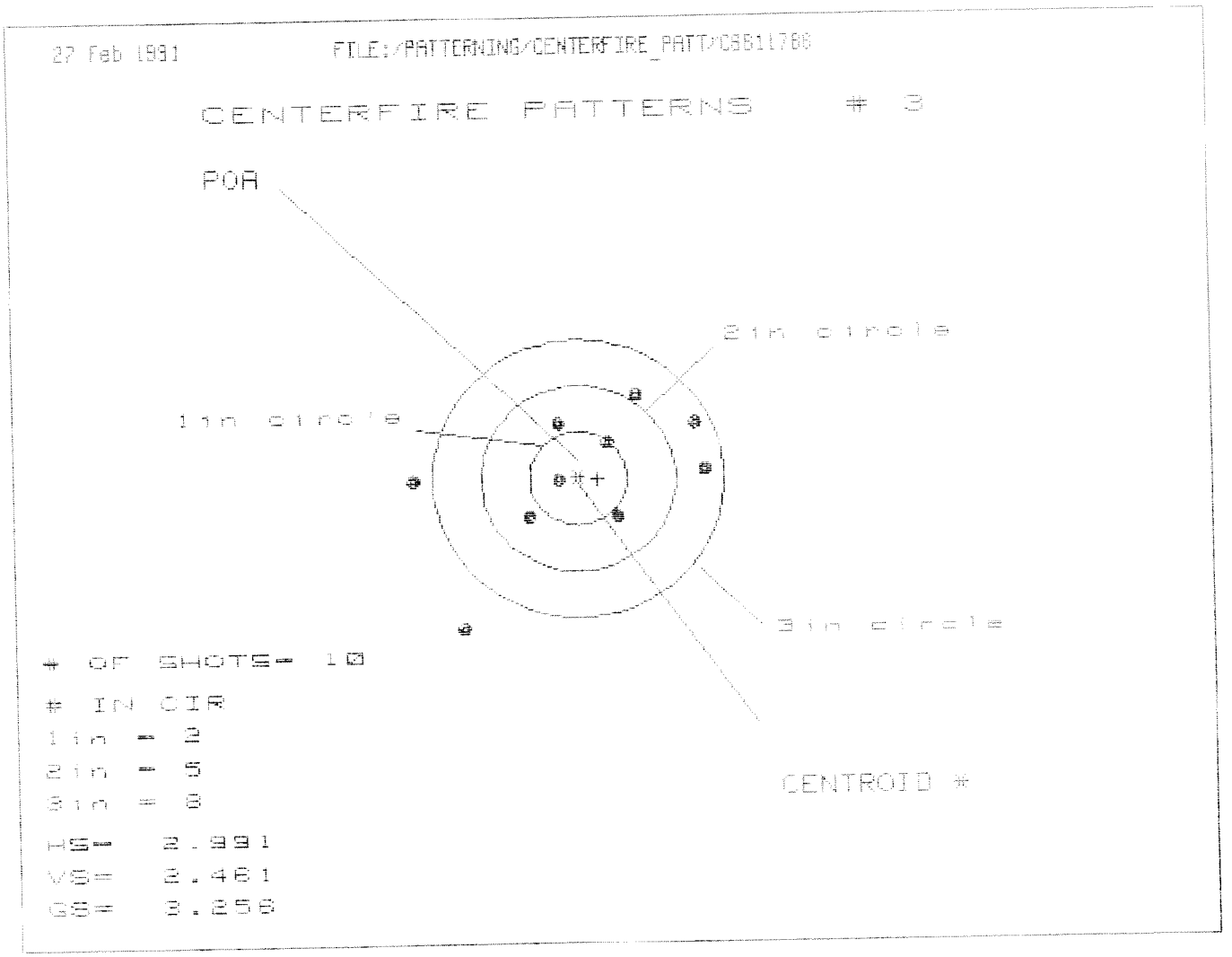


OF SHOTS= 10

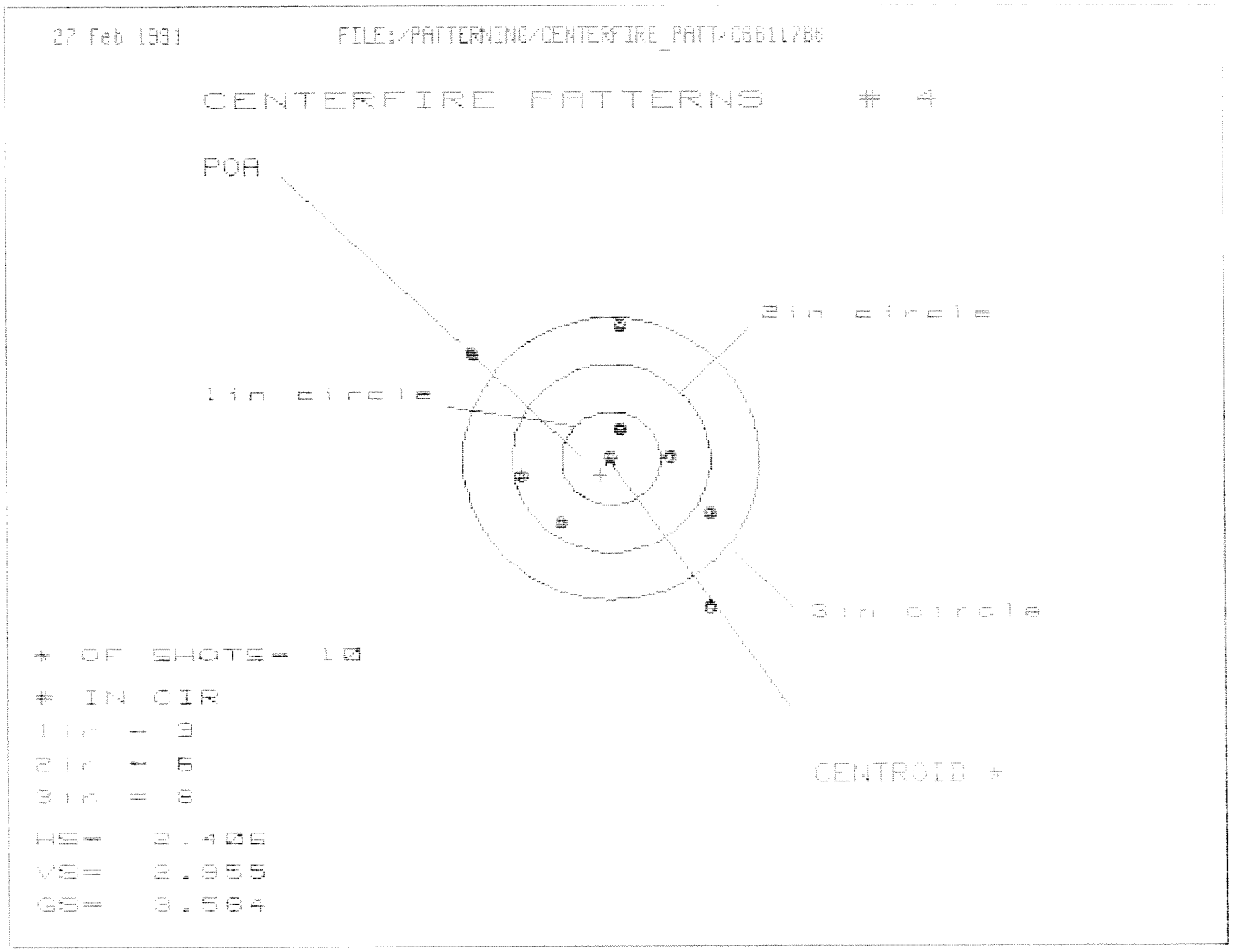
# IN CIR	
1in	= 4
2in	= 7
3in	= 9

HS= 2.35E
VS= 2.377
GS= 2.619

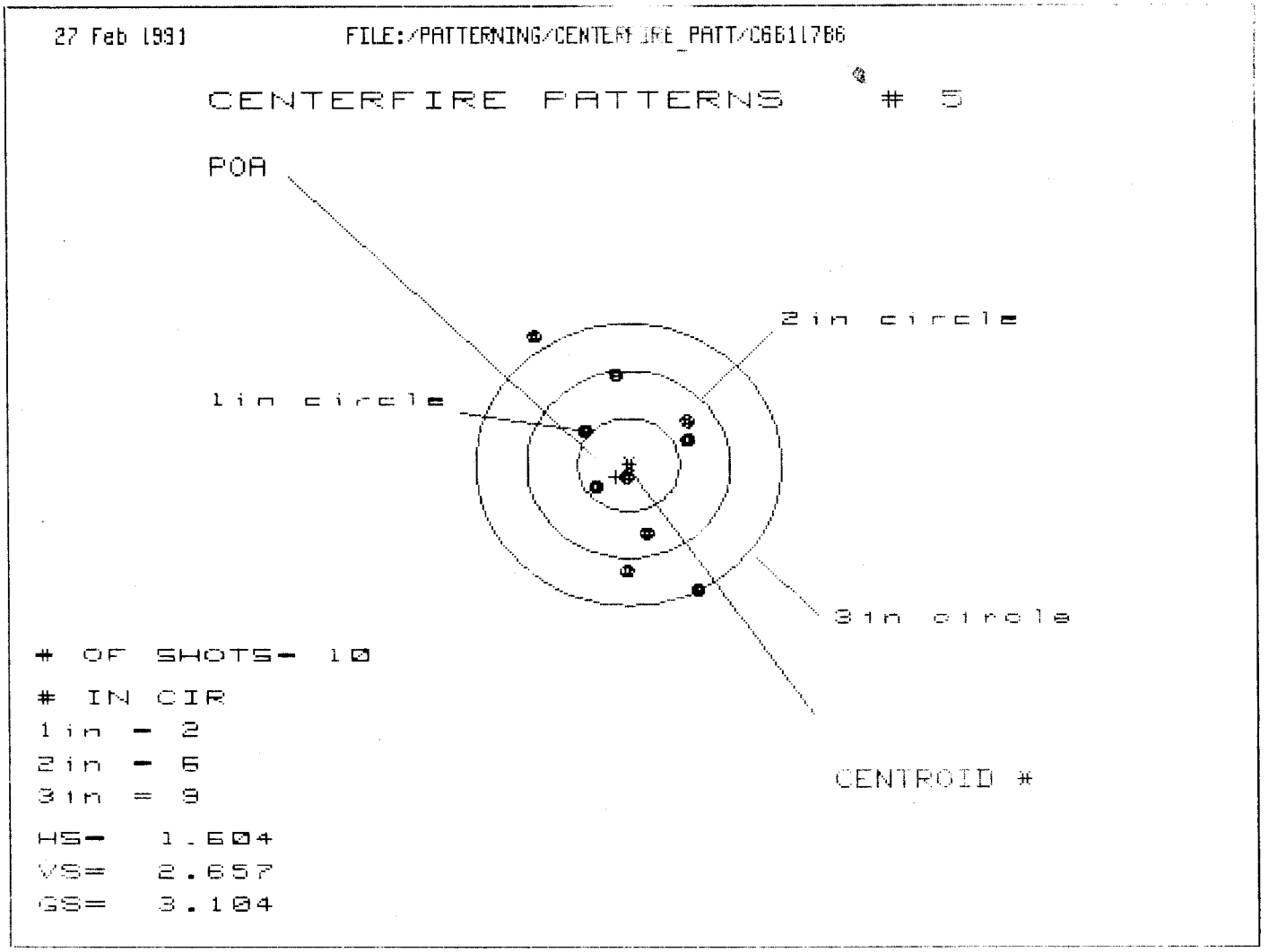
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.421	1.440	.638
MINIMUM X	:	-.985	-.916	-.736
MAXIMUM Y	:	1.638	.395	.404
MINIMUM Y	:	-.739	-.557	-.548
CENTROID X	:	.155	.136	-.044
CENTROID Y	:	.133	-.049	-.058
POA TO CENTROID in.	:	.204	.145	.073
MIN RADIUS	:	.277	.246	.198
MEAN RADIUS	:	.774	.657	.540
MAX RADIUS	:	1.646	1.442	.918
HORIZONTAL SPREAD	:	2.356	2.356	1.374
VERTICAL SPREAD	:	2.377	.952	.952
EXTREME SPREAD	:	2.619	2.440	1.672
NUMBER IN ONE INCH CIRCLE	=		4	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		9	



PATTERN #	:	3	
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.310	1.177	.951
MINIMUM X	:	-1.681	-1.814	-.865
MAXIMUM Y	:	.844	.665	.645
MINIMUM Y	:	-1.617	-.602	-.622
CENTROID X	:	-.200	-.067	.159
CENTROID Y	:	.008	.187	.207
POA TO CENTROID in.	:	.200	.199	.262
MIN RADIUS	:	.245	.218	.187
MEAN RADIUS	:	.992	.852	.721
MAX RADIUS	:	2.012	1.821	1.886
HORIZONTAL SPREAD	:	2.991	2.991	1.816
VERTICAL SPREAD	:	2.461	1.267	1.267
EXTREME SPREAD	:	3.256	2.992	1.958
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.011	1.065	.905
MINIMUM X	:	-1.395	-1.283	-.918
MAXIMUM Y	:	1.421	1.251	1.370
MINIMUM Y	:	-1.584	-.855	-.786
CENTROID X	:	.108	-.004	.156
CENTROID Y	:	.178	.348	.229
POA TO CENTROID in.	:	.208	.348	.277
MIN RADIUS	:	.051	.164	.043
MEAN RADIUS	:	.899	.813	.671
MAX RADIUS	:	1.837	1.598	1.371
HORIZONTAL SPREAD	:	2.406	2.348	1.823
VERTICAL SPREAD	:	2.955	2.106	2.106
EXTREME SPREAD	:	3.584	2.898	2.180
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		8	



PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.661	.556	.540
MINIMUM X	:	-.943	-.549	-.479
MAXIMUM Y	:	1.368	1.160	1.018
MINIMUM Y	:	-1.289	-1.137	-1.127
CENTROID X	:	.124	.229	.159
CENTROID Y	:	.132	-.020	.122
POA TO CENTROID in.	:	.181	.230	.201
MIN RADIUS	:	.180	.125	.177
MEAN RADIUS	:	.845	.742	.668
MAX RADIUS	:	1.662	1.266	1.132
HORIZONTAL SPREAD	:	1.604	1.105	1.019
VERTICAL SPREAD	:	2.657	2.297	2.145
EXTREME SPREAD	:	3.104	2.444	2.147
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

BARBER - M24 0035986

RECEIVING AND ESTIMATING REPORT

COMMENTS: W/10X SCOPE, M-24 SNIPER, W/DEPLOYMENT KIT
ATTN: FRED MARTIN Scope 90-0475

ORDER: R 94-18402

INITIAL	CUSTOMER ORDER NO.
FDC	DAAA09-92-C-0834

DATE RECEIVED	DATE OPENED	DATE CODE	SERIAL NUMBER	NEW SERIAL NUMBER	MODEL AND GRADE
06/11/94	06/11/94		C6611786		700 7.62 NATO

ACCESSORIES: SLING STRAP HARD CASE SCOPE MNTS SCOPE BASE

FROM:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL 36201-5025

SHIP TO:

COMMANDER (W52H094138H226)
DEFENSE DIST DEPOT ANNISTON
ATTN DDAA-UR BLDG 112
ANNISTON AL
36201-5025

CUST NO: 098397 C.A.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED.	VIA
					FRT

GUN CONDITION
- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE	
EXCISE	
TAX	
INSURANCE	
UPS	
PARCEL POST	
TOTAL	

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

Trigger Assy	$173.31
CTI	50.00
	223.31

COMMENTS

REPAIRMAN	PROOF	CLEAN	TEST	TARGET	PATTERN
GALLERY TESTER	DATE	DATE	DATE 10/27	DATE	DATE

OFFICE COPY

RD6925 REV. 1/94

SWS TRIGGER PULL TEST

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

SERIAL NO. C1661786

DATE _____

TESTER PW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.63	2.40		MIN. SETTING,
PULL #2	2.31	2.55	2.51		NO AVG. OF 5
PULL #3	2.35	2.62	2.47		READINGS ACCEPT-
PULL #4	2.32	2.62	2.44		ABLE LESS THAN 2#
PULL #5	2.39	2.60	2.44		
TOTAL	11.64	13.02	12.26		
AVG.	2.33	2.60	2.45		

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.25	3.22		
PULL #2	3.24	3.19		
PULL #3	3.20	3.18		
PULL #4	3.28	3.17		
PULL #5	3.25	3.22		
TOTAL	16.22	15.98		
AVG.	3.24	3.20		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.08	4.24		4.14
PULL #2	4.09	4.07		4.01
PULL #3	4.11	4.11		4.19
PULL #4	4.20	4.07		4.10
PULL #5	4.06	4.11		4.19
TOTAL	20.54	20.60		20.63
AVG.	4.11	4.12		4.13

M-24

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611786

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

op. #	OP. NAME	READINGS			DATE	INIT
625 cont.	F) Safety On Force	6	5½	5½	12/4	WB
	G) Safety Off Force	4	3½	3½	12/4	WB
	H) Trigger Pull Test & Retainability					
	I) Firing Pin Indent					
	J) Assemble Stock					
	K) Assemble Swivel Studs					
	L) Attach Front and Rear Sight Assemblies					
	M) Iron Sight Alignment					
	N) Detach Front & Rear Sights & place in numbered container					
	O) Attach Scope to Rifle					
	P) Detach & Attach Scope 20 Times					
640	Gallery Target & Test					
	A) Time					
	B) Malfunctions					
	C) Pierced Primers					
	D) Optical Clearity of Scope					
645	Inspect for Live Ammo					
655	Final Inspection A) Headspace					
	B) Trigger Pull	2.71	2.76	2.73	2.80	2.79	12/4	WB
	C) Function					
660	Pack					