

C6522288

MODEL 700TH N24

Model **SMS** TH

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: **RE00085575** Serial: C6522288 Model M24 SWS CenterFire Caliber 7.62 NATO Repairman: Status: Closed 9/28/2004 2:34:06 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: **C CO SPT BN 1ST SWTG A** **C CO SPT BN 1ST SWTG A**

Address 1: **AHN ARMAMENT FACILITY** **AHN ARMAMENT FACILITY**

Address 2: PO Box: PO Box:

City: **FT BRAGG** **FT BRAGG**

State: **NC** Zip Code: **28310** Country: **US** State: **NC** Zip Code: **28310** 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 Studs	3
A010	Hard Case	1
A017	Scope Bases	3

nagleij 9/28/2004 2:51 PM CAPS NUM INS SCPL

start 2 3 4

Serial Number: **C6522288**

Model: **M24 SWS**



RE00085575

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 10-15-04

TESTER TRW

	2.50 LBS INITIAL	2.50 LBS AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50 LBS		COMMENTS
PULL #1	2.10	2.34		2.19	
PULL #2	2.19	2.20		2.20	
PULL #3	2.25	2.37		2.22	
PULL #4	2.24	2.18		2.15	
PULL #5	2.28	2.29		2.09	
TOTAL	11.06	11.38		10.85	
AVERAGE	2.21	2.27		2.17	

	3.00 LBS INITIAL	3.00 LBS AFTER 20 CYCLES		COMMENTS
PULL #1	3.18	3.11		
PULL #2	3.22	3.14		
PULL #3	3.10	3.10		
PULL #4	3.00	3.13		
PULL #5	3.05	3.14		
TOTAL	15.55	15.62		
AVERAGE	3.11	3.12		

	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	4.16	4.18		4.13
PULL #2	4.01	4.23		4.40
PULL #3	4.18	4.28		4.20
PULL #4	4.20	4.27		4.37
PULL #5	4.19	4.26		4.29
TOTAL	20.74	21.22		21.39
AVERAGE	4.14	4.24		4.27

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

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

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

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6522288.__0
FILE DATE AND TIME: 10/22/2004 06:27

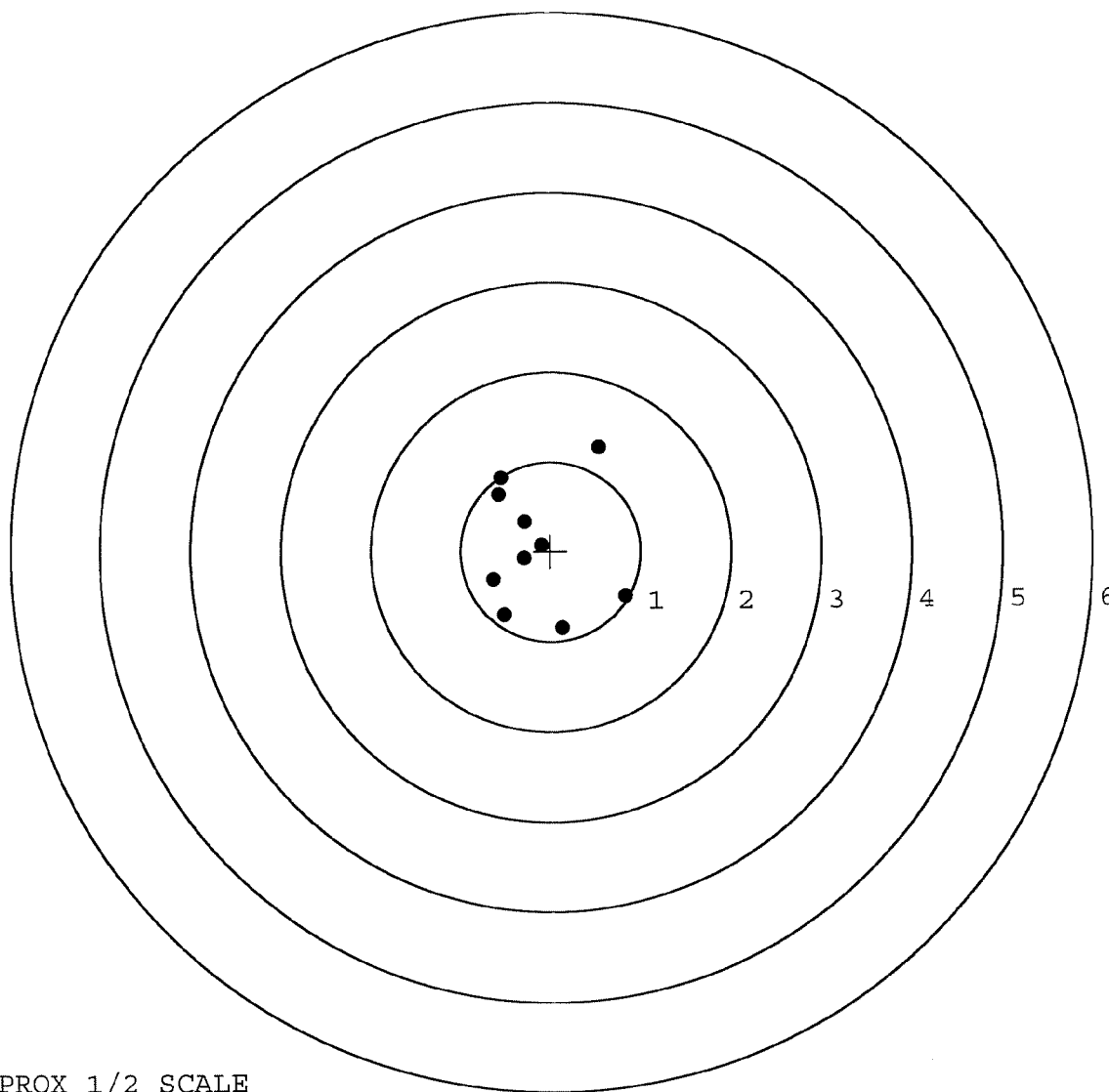
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.081
The Average Y Centroid of the Five Target Set:	-0.001
The Average Point of Impact of the Five Target Set:	0.081
The Average Mean Radius of the Five Target Set:	0.788
The Distance from POA to Centroid Target #1:	0.157
The Distance from Centroid Target #2 to Centroid Target #1:	0.034
The Distance from Centroid Target #3 to Centroid Target #1:	0.265
The Distance from Centroid Target #4 to Centroid Target #1:	0.112
The Distance from Centroid Target #5 to Centroid Target #1:	0.298

SERIAL NUMBER: C6522288. __0
TARGET NUMBER: 1
FILE DATE: 10/22/2004
FILE TIME: 06:27

POINT#	X	Y
1:	0.828	-0.506
2:	0.127	-0.856
3:	-0.519	-0.712
4:	-0.634	-0.317
5:	0.545	1.165
6:	-0.548	0.821
7:	-0.577	0.640
8:	-0.291	0.333
9:	-0.104	0.061
10:	-0.298	-0.083

X CENTROID: -0.147
Y CENTROID: 0.055
POA TO CENTROID: 0.157
HORZ SPREAD: 1.462
VERT SPREAD: 2.021
GROUP SPREAD: 2.158
MIN RADIUS: 0.044
MAX RADIUS: 1.308
MEAN RADIUS: 0.700
IN 1 IN DIAMETER: 3
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522288. __0

TARGET NUMBER: 2

FILE DATE: 10/22/2004

FILE TIME: 06:27

X CENTROID: -0.166

Y CENTROID: 0.026

POA TO CENTROID: 0.168

HORZ SPREAD: 1.192

VERT SPREAD: 1.576

GROUP SPREAD: 1.747

MIN RADIUS: 0.163

MAX RADIUS: 0.946

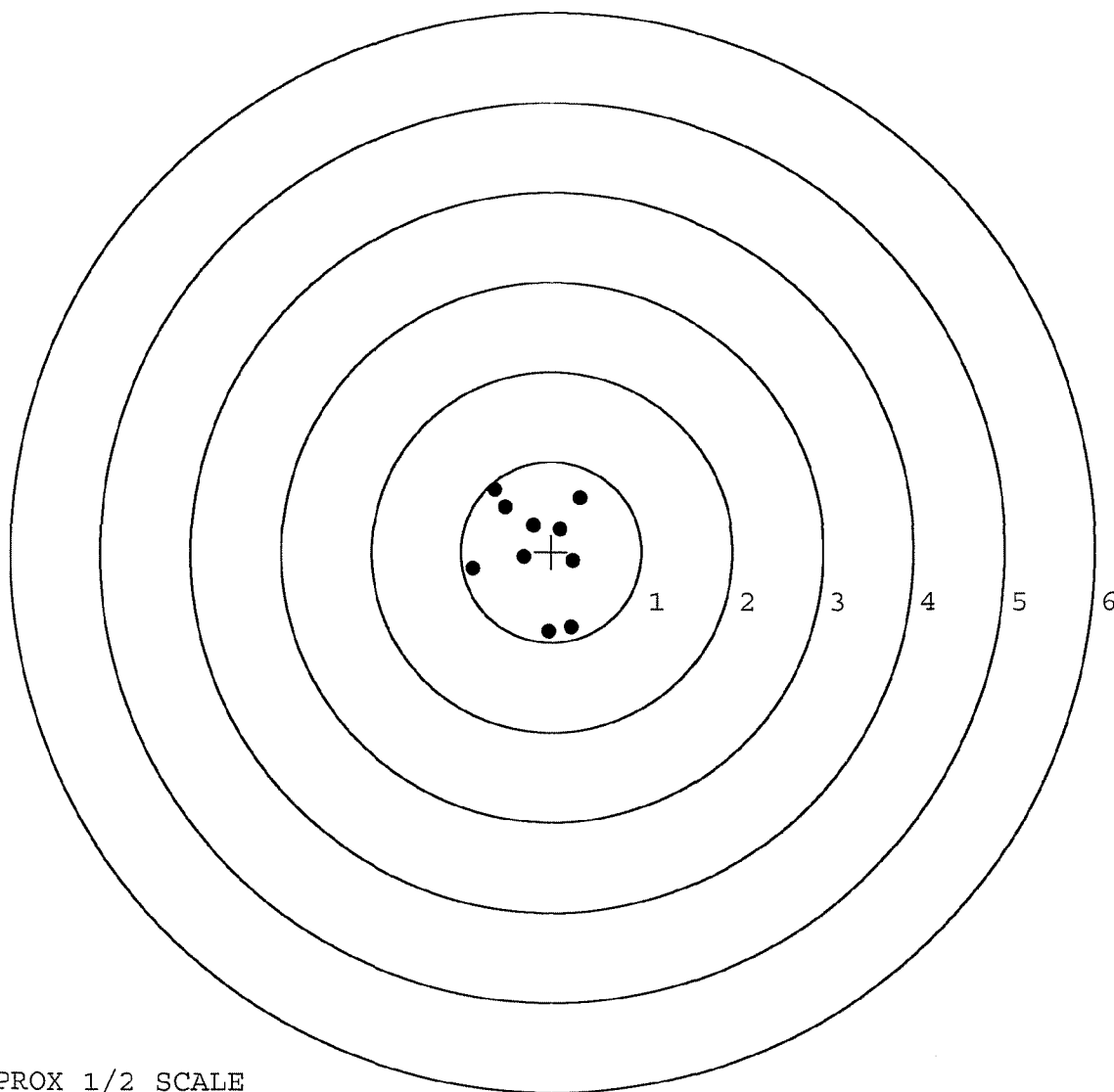
MEAN RADIUS: 0.596

IN 1 IN DIAMETER: 4

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.223	-0.837
2:	-0.031	-0.884
3:	-0.873	-0.187
4:	-0.622	0.692
5:	-0.517	0.499
6:	0.241	-0.106
7:	0.319	0.600
8:	-0.195	0.293
9:	0.102	0.249
10:	-0.304	-0.061



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522288. 0

TARGET NUMBER: 3

FILE DATE: 10/22/2004

FILE TIME: 06:27

X CENTROID: 0.113

Y CENTROID: 0.105

POA TO CENTROID: 0.154

HORZ SPREAD: 1.853

VERT SPREAD: 3.274

GROUP SPREAD: 3.278

MIN RADIUS: 0.145

MAX RADIUS: 1.718

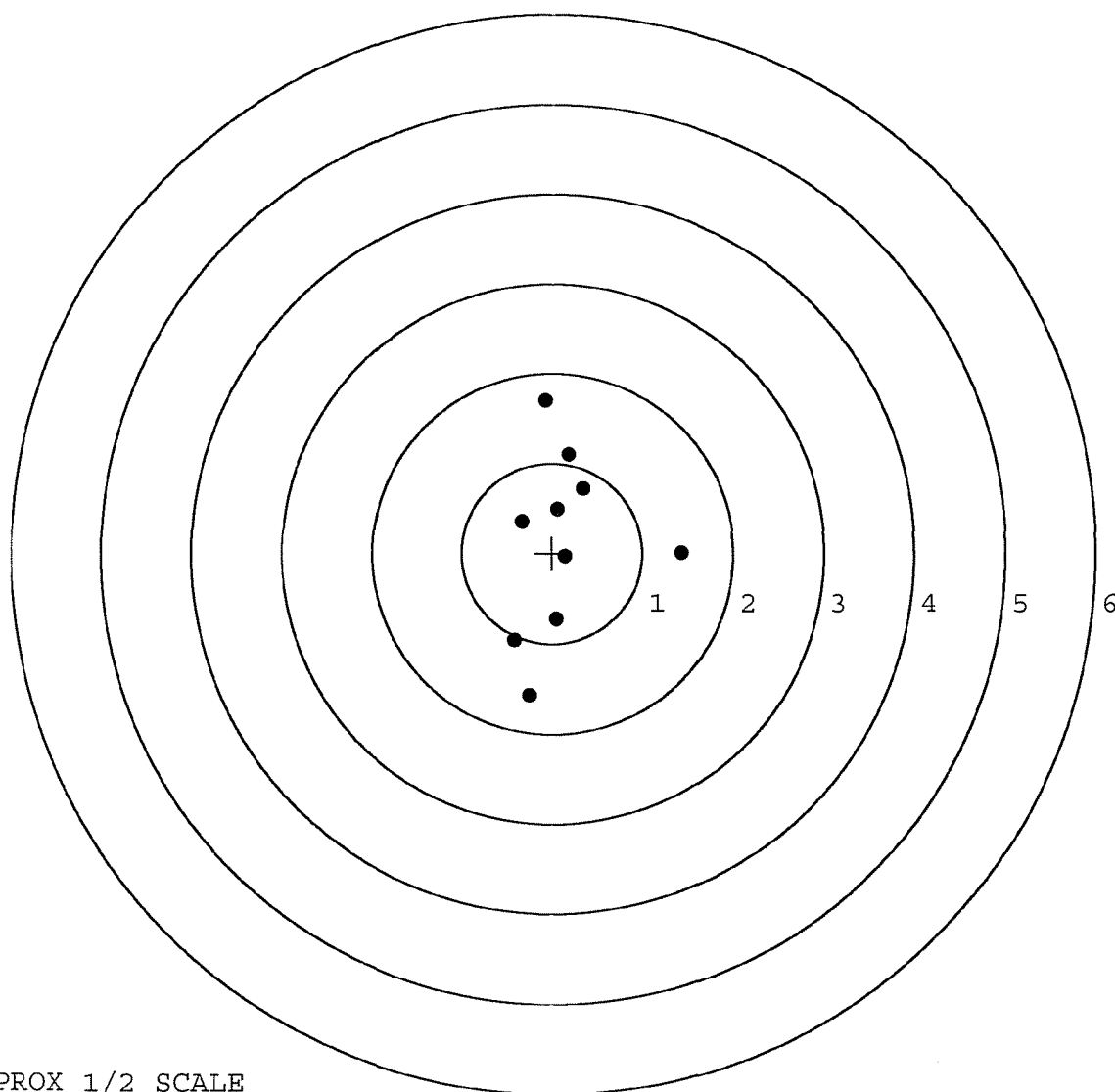
MEAN RADIUS: 0.939

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.433	0.008
2:	-0.251	-1.575
3:	-0.420	-0.973
4:	0.052	-0.735
5:	-0.084	1.699
6:	0.183	1.098
7:	0.344	0.714
8:	0.059	0.492
9:	-0.339	0.353
10:	0.150	-0.036



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522288. __0

TARGET NUMBER: 4

FILE DATE: 10/22/2004

FILE TIME: 06:27

X CENTROID: -0.035

Y CENTROID: 0.053

POA TO CENTROID: 0.064

HORZ SPREAD: 1.493

VERT SPREAD: 3.261

GROUP SPREAD: 3.345

MIN RADIUS: 0.280

MAX RADIUS: 2.055

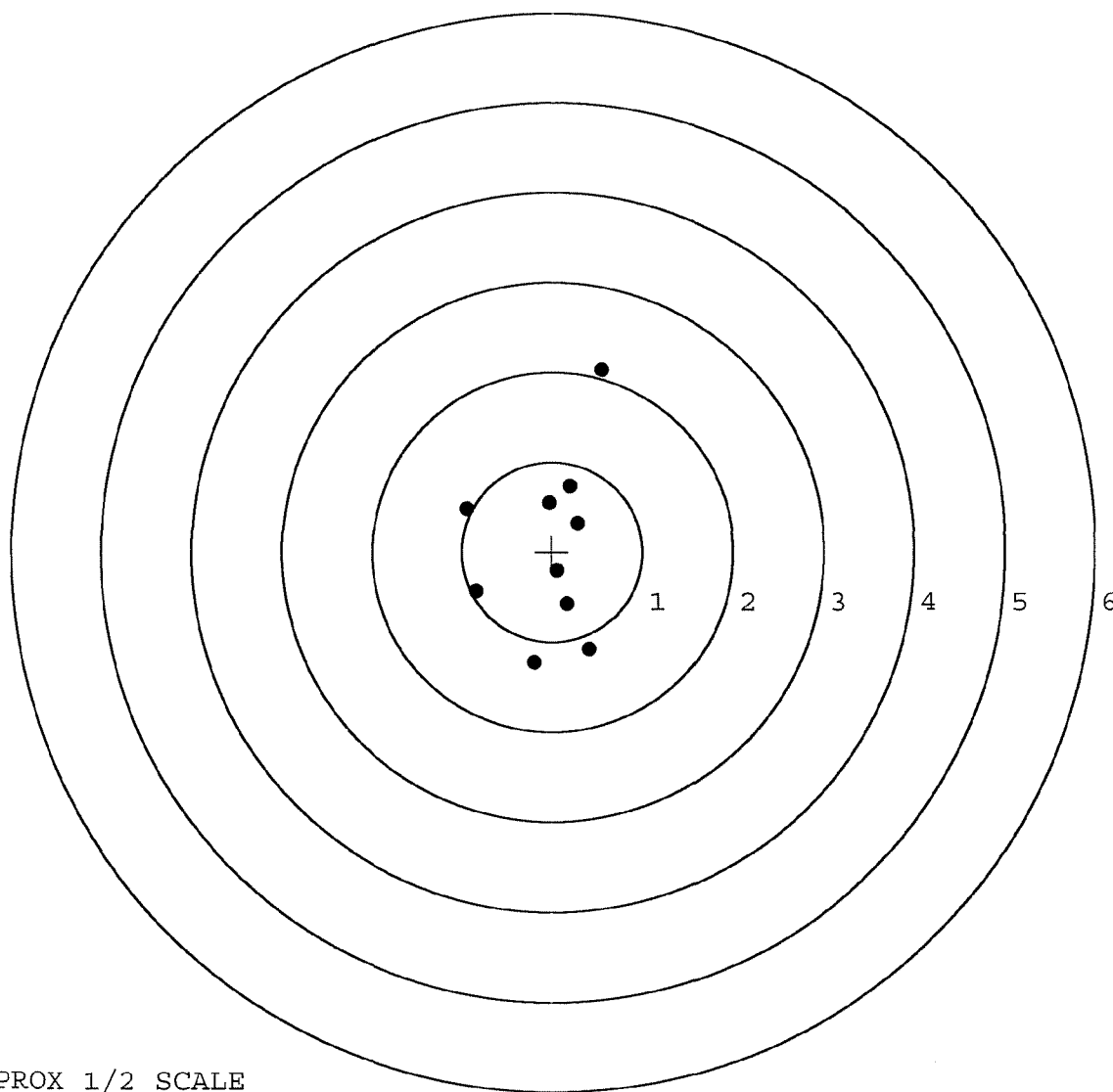
MEAN RADIUS: 0.911

IN 1 IN DIAMETER: 3

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.415	-1.088
2:	-0.197	-1.237
3:	0.171	-0.583
4:	0.059	-0.211
5:	-0.844	-0.446
6:	-0.946	0.477
7:	0.285	0.317
8:	-0.037	0.543
9:	0.194	0.733
10:	0.547	2.024



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6522288. 0

TARGET NUMBER: 5

FILE DATE: 10/22/2004

FILE TIME: 06:27

X CENTROID: -0.167

Y CENTROID: -0.243

POA TO CENTROID: 0.295

HORZ SPREAD: 2.360

VERT SPREAD: 1.624

GROUP SPREAD: 2.683

MIN RADIUS: 0.257

MAX RADIUS: 1.702

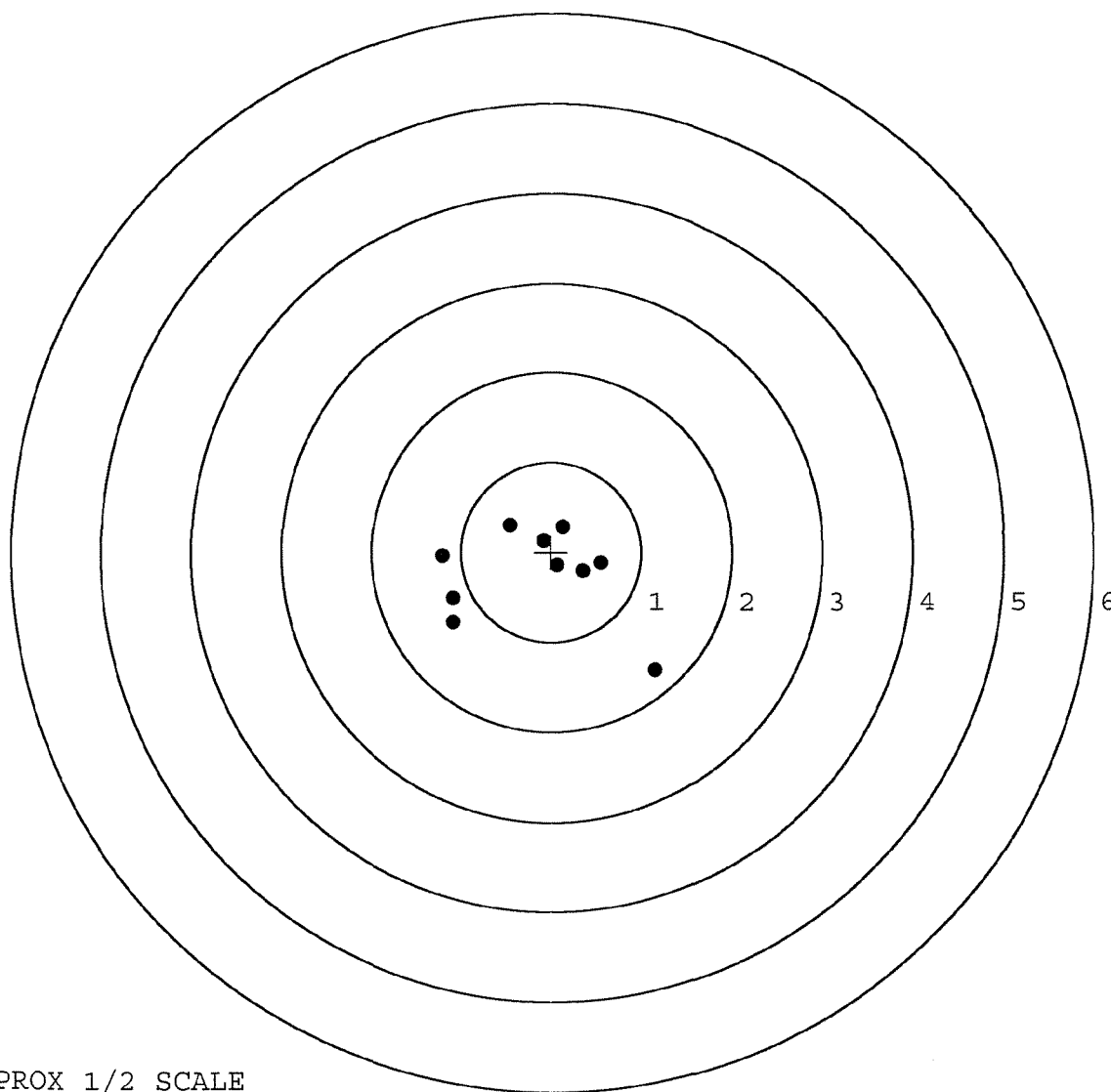
MEAN RADIUS: 0.792

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 7

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	1.151	-1.319
2:	-1.093	-0.785
3:	-1.090	-0.516
4:	-1.209	-0.043
5:	-0.465	0.305
6:	0.558	-0.120
7:	0.128	0.283
8:	-0.081	0.127
9:	0.071	-0.148
10:	0.355	-0.216



TARGET APPROX 1/2 SCALE

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

R & E NUMBER	85575		
SERIAL NUMBER	C 6522288		
LOG-IN DATE	9-28-04		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	10-4-04	AC
560 A	RE-BARREL	10-6-04	AC
B	DRILL AND TAP	10-8-04	TRW
575	ASSEMBLE	10-6-04	RTZ
600	PROOF	10-7-04	RTZ
605	CHECK HEADSPACE	10-7-04	RTZ
610	DIS-ASSEMBLE GUN	10-7-04	RTZ
612	MAGNAFLUX	OPERATOR	
615	ROLLMARK CALIBER	10-11-04	SB/CW
618	ROTO-BLAST	10-11-04	WB
620	APPLY COATINGS	10/19/04	HP
625 A	FINAL ASSEMBLY	10-22-04	RTZ
B	TRIGGER PULL TEST	11-2-04	RA
C	SAFETY "ON" FORCE	11-2-04	RA
D	SAFETY "OFF" FORCE	11-2-04	RA
E	FIRING PIN INDENT	11-2-04	RA
640	TARGET	10-22-04	TRW
655	FINAL INSPECT	10-25-04	RTZ
660	PACK	11-2-04	RA
		SHIP DATE	
		QAR INSPECTION DATE	




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

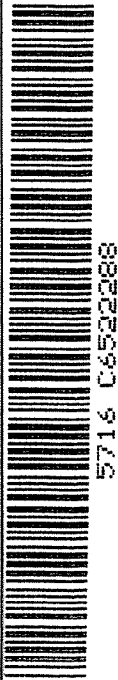
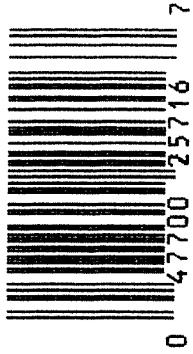
MODEL 700TM H24

SERIAL NO.
C6522288

ORDER NO.
5716

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

UPC



CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6522288
16 Aug 1990

CENTROIDAL DISTANCES

0 TO	1	.154935
1 TO	2	.142271
1 TO	3	.272066
1 TO	4	.108337
1 TO	5	.282446

 <----POA

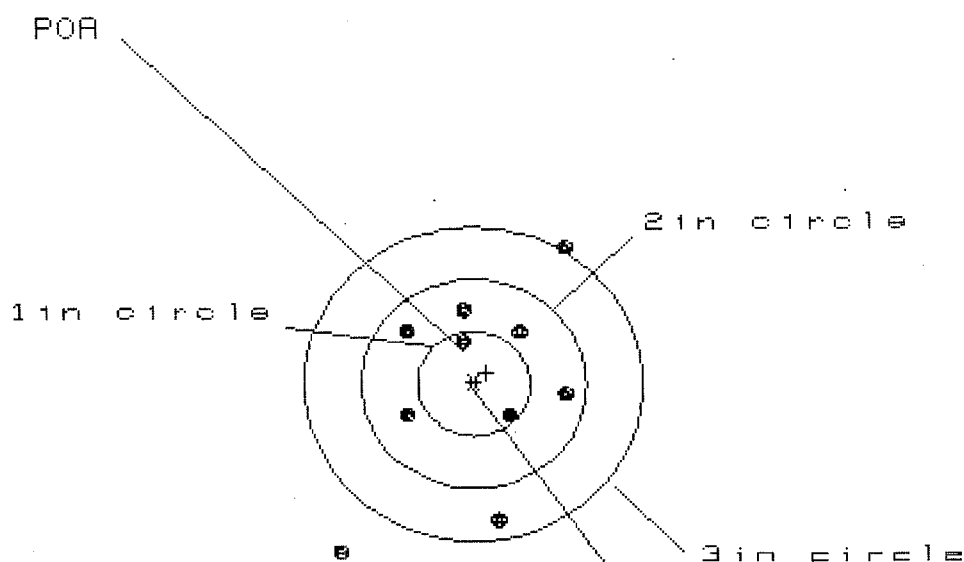
THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0982
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0024
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0982293

THE AMR FOR THIS RIFLE IS: .8262

16 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65222B8

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 7

3in = 8

HS= 1.950

VS= 2.860

GS= 3.462

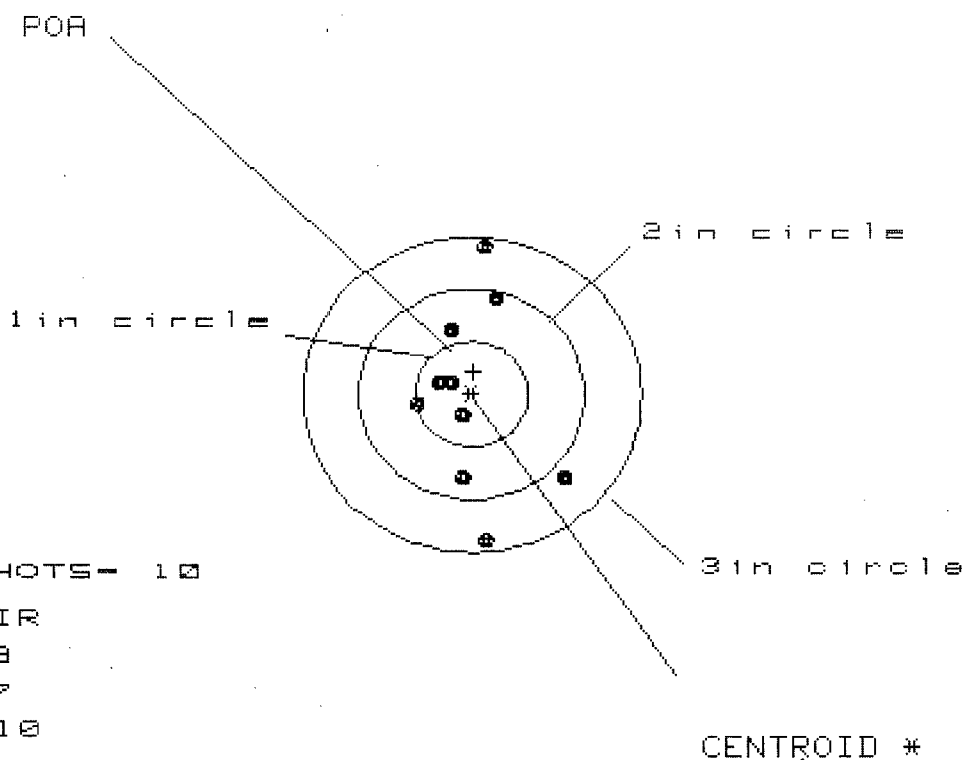
CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.804	.677	.723
MINIMUM X	-1.146	-.752	-.667
MAXIMUM Y	1.311	1.139	.722
MINIMUM Y	-1.549	-1.501	-1.358
CENTROID X	-.113	.014	-.071
CENTROID Y	-.106	.066	-.077
POA TO CENTROID in.	.155	.067	.104
MIN RADIUS	.399	.324	.396
MEAN RADIUS	.926	.779	.718
MAX RADIUS	1.926	1.507	1.376
HORIZONTAL SPREAD	1.950	1.429	1.390
VERTICAL SPREAD	2.860	2.640	2.080
EXTREME SPREAD	3.462	2.695	2.112
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	7		
NUMBER IN THREE INCH CIRCLE =	8		

16 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522288

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in - 3

2 in - 7

3 in - 10

HS- 1.388

VS- 2.817

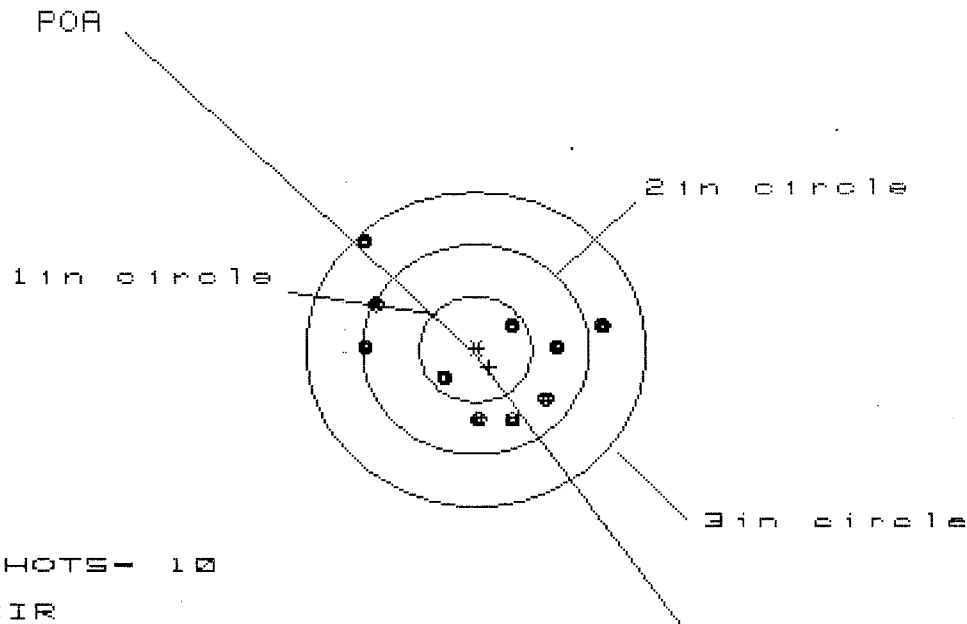
GS- 2.818

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.860	.877	.889
MINIMUM X	:	-.528	-.511	-.499
MAXIMUM Y	:	1.458	1.108	.958
MINIMUM Y	:	-1.359	-1.197	-.823
CENTROID X	:	-.017	-.034	-.046
CENTROID Y	:	-.211	-.373	-.223
POA TO CENTROID in.	:	.212	.374	.228
MIN RADIUS	:	.205	.110	.197
MEAN RADIUS	:	.776	.692	.608
MAX RADIUS	:	1.466	1.201	1.167
HORIZONTAL SPREAD	:	1.388	1.388	1.388
VERTICAL SPREAD	:	2.817	2.305	1.781
EXTREME SPREAD	:	2.818	2.311	1.820
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

16 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522288

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in - 2

2in - 7

3in = 10

HS- 2.153

VS= 1.669

GS= 2.227

CENTROID *

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.133	1.028	.741
MINIMUM X	:	-1.020	-1.125	-.997
MAXIMUM Y	:	1.021	.502	.543
MINIMUM Y	:	-.648	-.535	-.494
CENTROID X	:	-.119	-.014	-.142
CENTROID Y	:	.166	.053	.012
POA TO CENTROID in.	:	.204	.054	.143
MIN RADIUS	:	.397	.435	.303
MEAN RADIUS	:	.813	.721	.674
MAX RADIUS	:	1.389	1.132	1.011
HORIZONTAL SPREAD	:	2.153	2.153	1.738
VERTICAL SPREAD	:	1.669	1.037	1.037
EXTREME SPREAD	:	2.227	2.162	1.738
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

16 Aug 1990

FILE:/PATTERNING/CENTERFIRE_PATT/CG522288

CENTERFIRE PATTERNS

4

POA

1in circle

2in circle

3in circle

OF SHOTS- 10

IN CIR

1in = 6

2in = 9

3in = 10

HS= 1.525

VS= 1.260

GS= 1.582

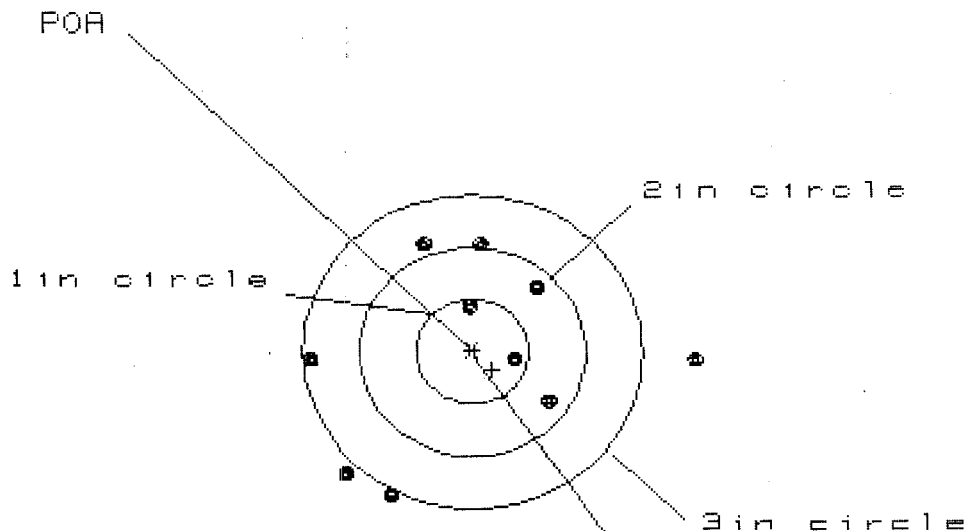
CENTROID #

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.018	.583	.597
MINIMUM X	:	-.507	-.394	-.380
MAXIMUM Y	:	.755	.728	.329
MINIMUM Y	:	-.505	-.532	-.442
CENTROID X	:	-.069	-.182	-.196
CENTROID Y	:	-.007	.020	-.071
POA TO CENTROID in.	:	.069	.183	.208
MIN RADIUS	:	.174	.110	.171
MEAN RADIUS	:	.512	.435	.396
MAX RADIUS	:	1.047	.736	.597
HORIZONTAL SPREAD	:	1.525	.977	.977
VERTICAL SPREAD	:	1.260	1.260	.770
EXTREME SPREAD	:	1.582	1.328	1.013
NUMBER IN ONE INCH CIRCLE	=		6	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

16 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C6522288

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 7

HS= 3.386

VS= 2.400

GS= 3.386

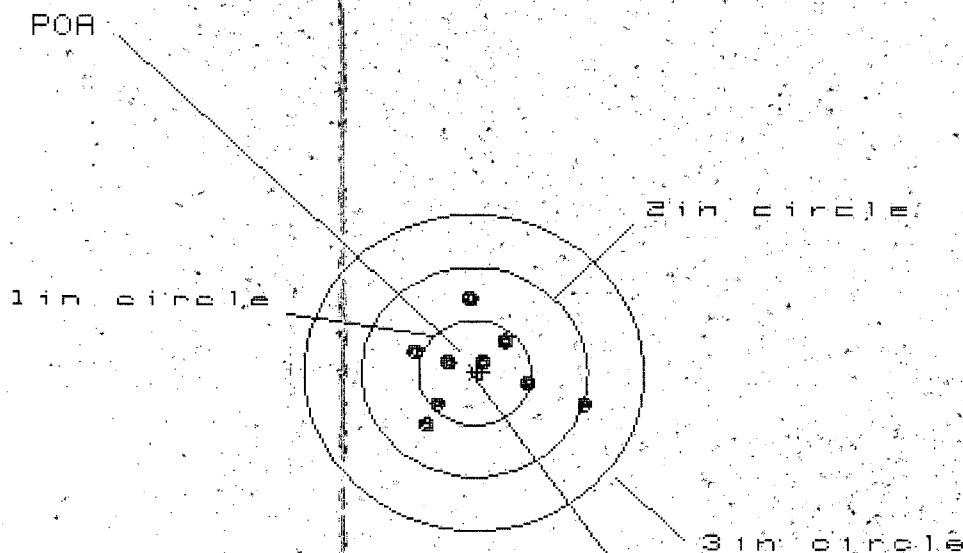
CENTROID #

PATTERN #	5	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.990	.868	.758
MINIMUM X	-1.396	-1.175	-1.285
MAXIMUM Y	1.076	1.066	.920
MINIMUM Y	-1.324	-1.334	-1.480
CENTROID X	-.173	-.394	-.284
CENTROID Y	.170	.180	.326
POA TO CENTROID in.	.243	.433	.432
MIN RADIUS	.336	.407	.231
MEAN RADIUS	1.104	1.020	.911
MAX RADIUS	1.992	1.469	1.601
HORIZONTAL SPREAD	3.386	2.043	2.043
VERTICAL SPREAD	2.400	2.400	2.400
EXTREME SPREAD	3.386	2.494	2.462
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		5	
NUMBER IN THREE INCH CIRCLE =		7	

16 Aug 1998

FILE:/PATTERNING/CENTERFIRE_PATT/C65222B8

CENTERFIRE PATTERNS # 4



OF SHOTS = 10

IN CIR

1 in = 6

2 in = 9

3 in = 10

HS = 1.525

VS = 1.260

GS = 1.582

PATTERN #	4	9	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.018	.583	.597
MINIMUM X	-.507	-.394	-.380
MAXIMUM Y	.755	.728	.329
MINIMUM Y	-.505	-.532	-.442
CENTROID X	-.069	-.182	-.196
CENTROID Y	-.007	.020	-.071
POA TO CENTROID in.	.069	.183	.208
MIN RADIUS	.174	.110	.171
MEAN RADIUS	.512	.435	.396
MAX RADIUS	1.047	.736	.597
HORIZONTAL SPREAD	1.525	.977	.977
VERTICAL SPREAD	1.260	1.260	.770
EXTREME SPREAD	1.582	1.328	1.013
NUMBER IN ONE INCH CIRCLE =	6		
NUMBER IN TWO INCH CIRCLE =	9		
NUMBER IN THREE INCH CIRCLE =	10		

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

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

SERIAL NO. C 65 22288

DATE 9-13-90

TESTER JEL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.14	2.30	2.35	2.38	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.41	2.36	2.37	2.39	
PULL #3	2.28	2.35	2.36	2.45	
PULL #4	2.27	2.32	2.35	2.40	
PULL #5	2.42	2.46	2.36	2.49	
TOTAL	11.62	11.79	11.79	12.11	
AVG.	2.304	2.358	2.358	2.422	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.33	3.24		
PULL #2	3.33	3.30		
PULL #3	3.31	3.24		
PULL #4	3.26	3.34		
PULL #5	3.24	3.30		
TOTAL	16.47	16.44		
AVG.	3.294	3.288		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.21		4.27
PULL #2	4.20	4.24		4.29
PULL #3	4.25	4.21		4.26
PULL #4	2.27	4.22		4.24
PULL #5	4.21	4.25		4.26
TOTAL	21.13	21.13		21.32
AVG.	4.226	4.226		4.264

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6522288

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		7/9/90	KJ
600	Proof		7/9/90	KJ
607	Check Headspace		7/9/90	KJ
610	Dis-assemble Gun		7/9/90	KJ
612	Magnaflux Barrel Action		7/17/90	KR
	Magnaflux Bolt		7/17/90	KR
615	Rollmark Caliber		7/17/90	SS
617	Drill and Tap Sight Holes		7/27/90	LB
618	Polish Barrel <i>RB</i>		7/24/90	WB
620	Apply Coatings (Barrel Action)		8-90	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		8/13/90	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		8/13/90	KS
	C) Inspect Ejector Hole for Chamfer		8/13/90	KS
	D) Oil Firing Pin Ass'y		8/13/90	KS
	E) Adjust Trigger Pull to Min Setting and Stake		9-13-90	JH

TEST INIT. ACTION TO CORRECT		ASSEM. #
PROOF	<i>Ream Ejector Hole Polish Ejector</i>	<i>8/16/90 RW</i>
TEST		
TGT		
PROOF	<i>8-16-90 Shot 100 OK KJ.</i>	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		
PROOF	ENGINEER	
TEST		
TGT		

MOD. _____ GA. CAL. _____ GUN # 6522298

# TEST	DATE	MALFUNCTION/DEFECT	ASSEM. #
	1st	Shaver brush	KS
	2nd	Ream Ejector Hole polish Ejector	RW
	3rd		
	4th		
		FUNCTION	RD 6654 Rev 1