

C6594620

MODEL 700TM M24

Model **S&S**TM

Action

Barrel Length

Capacity

Order No. **5715**

* Includes 1 in chamber.

Remington

Repair Inquiry

Repair Number: RE00094703

Serial: C6594620 Model M24 SWS CenterFire
Caliber: 7.62 NATO

Repairman:

Status:

Closed 3/17/2005 9:24:30 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: TMO 436 APS TRTD FB 4497

TMO 436 APS TRTD FB 4497

Address 1: 505 ATL-NTIC ST

505 ATLANTIC ST

Address 2: PO Box:

PO Box:

City: DOVER AFB

DOVER AFB

State: DE

Zip Code: 19902

Country: US

State: DE

Zip Code: 19902

Country: US

FFL

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: N/A

Fax:

Email:

Comments:

Received Condition

Condition:

Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A009	Soft Case	1
A015	Scope Rings	2
A017	Scope Base	1
A025	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

3/17/2005

9:35 AM

CAPS

NUM

INS

SCPL

start

2

Arms Services

Serial Number:

C6594620

Model: M24 SWS



RE00094703

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

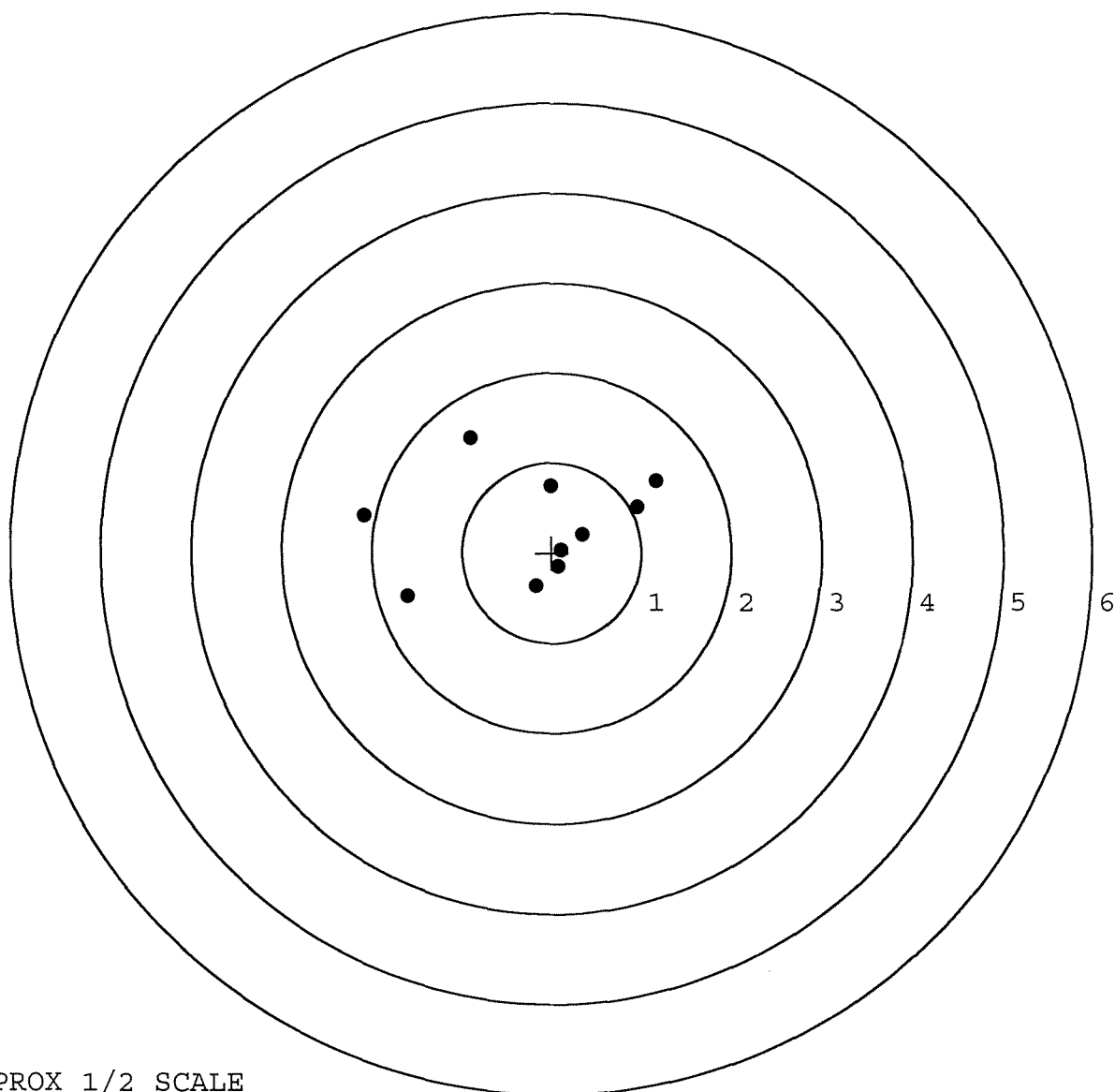
FIREARM SERIAL NUMBER / DATASET NAME: C6594620.___0

FILE DATE AND TIME: 04/12/2005 09:49

THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.018
The Average Y Centroid of the Five Target Set:	-0.043
The Average Point of Impact of the Five Target Set:	0.046
The Average Mean Radius of the Five Target Set:	1.050
The Distance from POA to Centroid Target #1:	0.365
The Distance from Centroid Target #2 to Centroid Target #1:	0.763
The Distance from Centroid Target #3 to Centroid Target #1:	0.369
The Distance from Centroid Target #4 to Centroid Target #1:	0.136
The Distance from Centroid Target #5 to Centroid Target #1:	0.756

SERIAL NUMBER: C6594620. __0	POINT#	X	Y
TARGET NUMBER: 1	1:	1.163	0.797
FILE DATE: 04/12/2005	2:	0.953	0.511
FILE TIME: 09:49	3:	-0.015	0.743
	4:	-0.907	1.271
X CENTROID: -0.215	5:	-2.087	0.419
Y CENTROID: 0.295	6:	-1.603	-0.488
POA TO CENTROID: 0.365	7:	-0.174	-0.377
HORZ SPREAD: 3.250	8:	0.070	-0.159
VERT SPREAD: 1.759	9:	0.106	0.031
GROUP SPREAD: 3.272	10:	0.344	0.205
MIN RADIUS: 0.416			
MAX RADIUS: 1.876			
MEAN RADIUS: 1.000			
# IN 1 IN DIAMETER: 2			
# IN 2 IN DIAMETER: 5			
# in 3 IN DIAMETER: 8			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594620. 0

TARGET NUMBER: 2

FILE DATE: 04/12/2005

FILE TIME: 09:49

X CENTROID: 0.362

Y CENTROID: -0.203

POA TO CENTROID: 0.415

HORZ SPREAD: 2.365

VERT SPREAD: 2.979

GROUP SPREAD: 3.653

MIN RADIUS: 0.377

MAX RADIUS: 1.987

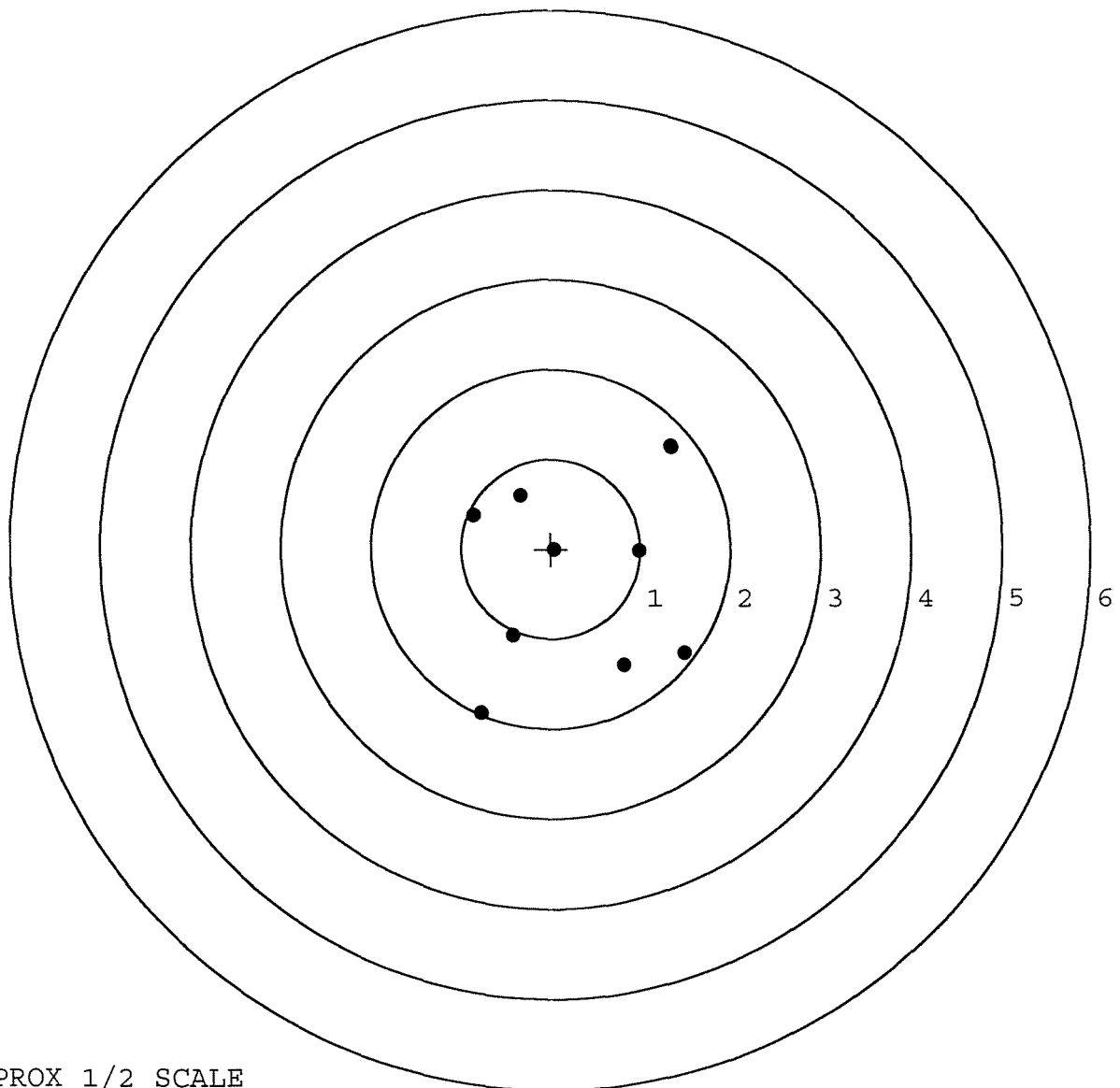
MEAN RADIUS: 1.254

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 2

in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.820	-1.294
2:	1.500	-1.162
3:	-0.428	-0.967
4:	-0.776	-1.832
5:	0.993	-0.025
6:	0.036	-0.013
7:	1.343	1.140
8:	1.339	1.147
9:	-0.343	0.594
10:	-0.865	0.379



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594620. __0

TARGET NUMBER: 3

FILE DATE: 04/12/2005

FILE TIME: 09:49

X CENTROID: -0.088

Y CENTROID: -0.051

POA TO CENTROID: 0.102

HORZ SPREAD: 1.714

VERT SPREAD: 2.682

GROUP SPREAD: 3.078

MIN RADIUS: 0.237

MAX RADIUS: 1.581

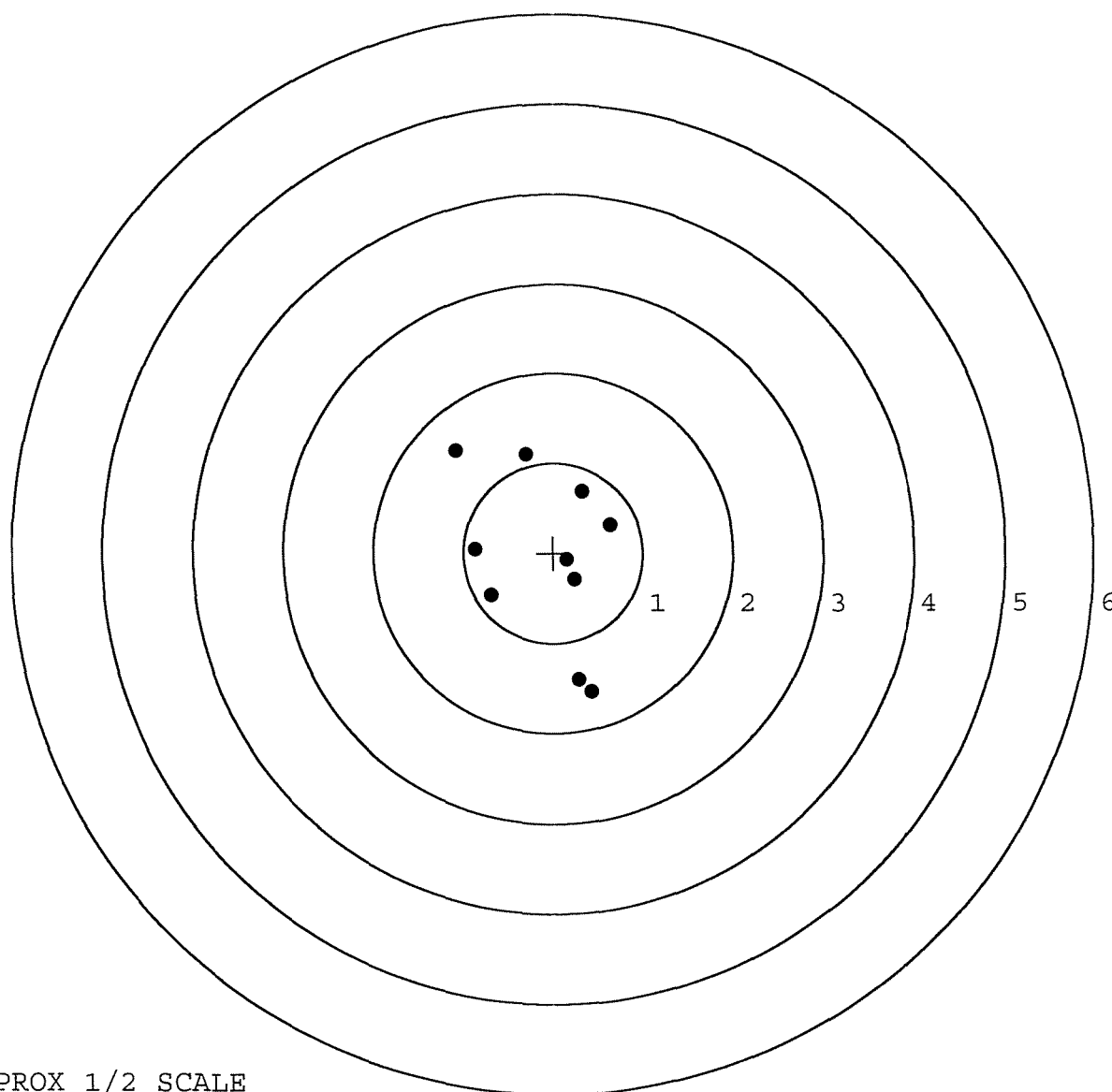
MEAN RADIUS: 0.954

IN 1 IN DIAMETER: 2

IN 2 IN DIAMETER: 6

in 3 IN DIAMETER: 8

POINT#	X	Y
1:	0.430	-1.545
2:	0.289	-1.408
3:	-0.699	-0.470
4:	-0.867	0.043
5:	0.239	-0.296
6:	0.148	-0.075
7:	0.634	0.319
8:	0.326	0.686
9:	-0.301	1.100
10:	-1.080	1.137

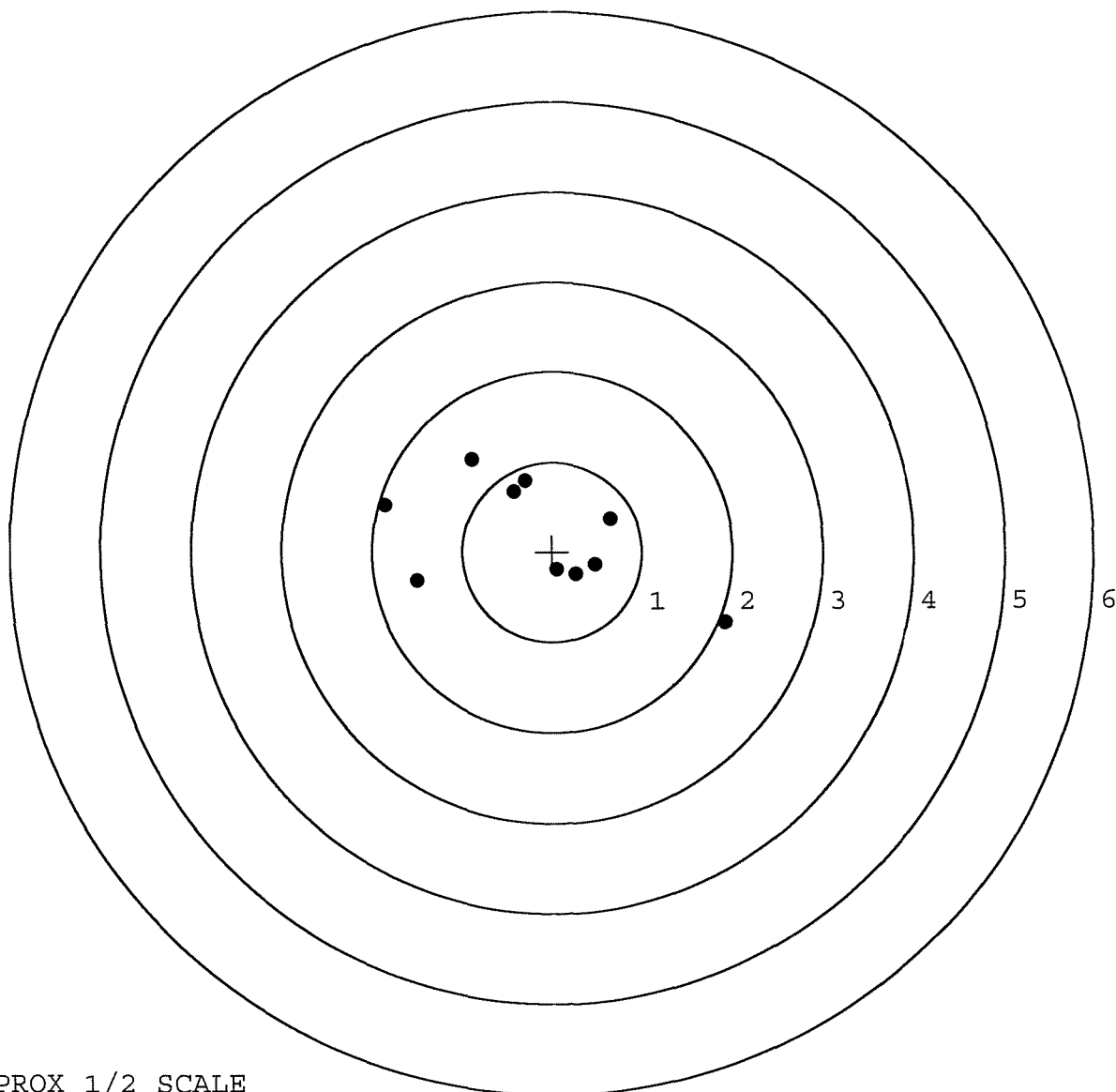


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594620. __0
 TARGET NUMBER: 4
 FILE DATE: 04/12/2005
 FILE TIME: 09:49

X CENTROID: -0.164
 Y CENTROID: 0.169
 POA TO CENTROID: 0.236
 HORZ SPREAD: 3.774
 VERT SPREAD: 1.827
 GROUP SPREAD: 3.999
 MIN RADIUS: 0.428
 MAX RADIUS: 2.293
 MEAN RADIUS: 1.036
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 8

POINT#	X	Y
1:	1.918	-0.791
2:	0.641	0.367
3:	-0.306	0.798
4:	-0.890	1.036
5:	-1.856	0.530
6:	-1.501	-0.322
7:	-0.432	0.674
8:	0.476	-0.146
9:	0.261	-0.250
10:	0.051	-0.201



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6594620. 0

TARGET NUMBER: 5

FILE DATE: 04/12/2005

FILE TIME: 09:49

X CENTROID: 0.015

Y CENTROID: -0.424

POA TO CENTROID: 0.425

HORZ SPREAD: 1.542

VERT SPREAD: 2.887

GROUP SPREAD: 2.940

MIN RADIUS: 0.142

MAX RADIUS: 1.592

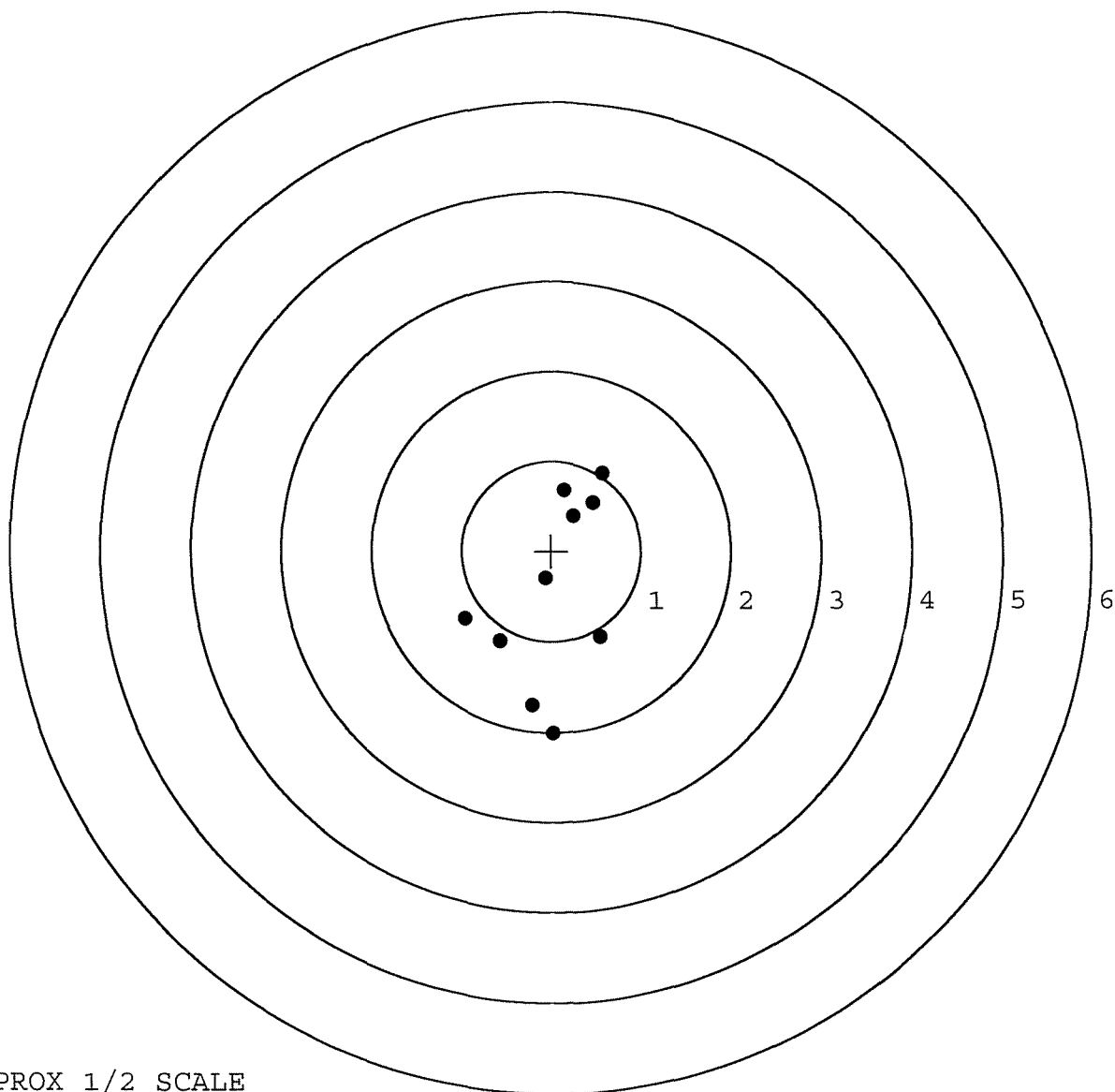
MEAN RADIUS: 1.008

IN 1 IN DIAMETER: 1

IN 2 IN DIAMETER: 4

in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.544	-0.953
2:	-0.067	-0.309
3:	-0.574	-0.995
4:	-0.969	-0.757
5:	0.242	0.396
6:	0.465	0.542
7:	0.144	0.679
8:	0.573	0.871
9:	0.017	-2.016
10:	-0.226	-1.702



TARGET APPROX 1/2 SCALE

R & E NUMBER	94703		
SERIAL NUMBER	C6594620		
LOG-IN DATE	3-17-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	3-18-05	RTL
560 A	RE-BARREL	3-22-05	RTL
B	DRILL AND TAP	3-22-05	TRW
575	ASSEMBLE	3-22-05	RTL
600	PROOF	3-22-05	- FRL
605	CHECK HEADSPACE	3-22-05	TRW
610	DIS-ASSEMBLE GUN	3-22-05	RTL
612	MAGNAFLUX	3-22-05	
615	ROLLMARK CALIBER	3-23-05	CW
618	ROTO-BLAST	3/29	SW
620	APPLY COATINGS	4/5	HT
625 A	FINAL ASSEMBLY	4-11-05	RTL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE	4-12-05	AC
D	SAFETY "OFF" FORCE	4-12-05	AC
E	FIRING PIN INDENT	4-12-05	AC
640	TARGET	4-12-05	AC
655	FINAL INSPECT	4-12-05	AC
660	PACK	4-13-05	RA
		SHIP DATE	
QAR INSPECTION DATE			

Remington®

MODEL 700™ M24

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

DUPONT

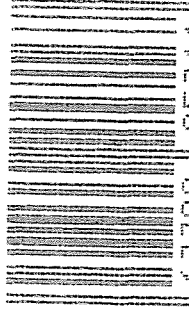
REG. U.S. PAT. & T.M. OFF.

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

SERIAL NO.
C6594620

ORDER NO.
5716

UPC



0 47700 25716 7



5716 C6594620

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C 6594620

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		12/20/90	K.S.
600	Proof		12/20/90	K.S.
607	Check Headspace		12/20/90	K.S.
610	Dis-assemble Gun		12/20/90	K.S.
612	Magnaflux Barrel Action		1/9/91	KR
	Magnaflux Bolt		11	KR
615	Rollmark Caliber		11	LS.
617	Drill and Tap Sight Holes	1 10 91		LB
618	Polish Barrel	1 10 91		LB
620	Apply Coatings (Barrel Action)		1-22-91	TH
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		1/28/91	KS
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		1/28/91	KS
	C) Inspect Ejector Hole for Chamfer		1/28/91	KS
	D) Oil Firing Pin Ass'y		1/28/91	KS
	E) Adjust Trigger Pull to Min Setting and Stake		1/29/91	TH

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	4 3/4			1/29/91	WB
	G) Safety Off Force	2 1/4	2 1/4	2 1/4			1/29/91	WB
	H) Trigger Pull Test & Retainability						1/29/91	RL
	I) Firing Pin Indent	.021	.021	.021			1/29/91	WB
	J) Assemble Stock						1/29/91	KS
	K) Assemble Swivel Studs						2-6-91	K
	L) Attach Front and Rear Sight Assemblies						1/29/91	KS
	M) Iron Sight Alignment						1/29/91	KS
	N) Detach Front & Rear Sights & place in numbered container						1/29/91	KS
	O) Attach Scope to Rifle						1/29/91	KS
	P) Detach & Attach Scope 20 Times						1/29/91	KS
640	Gallery Target & Test						1/29/91	KJ
	A) Time							KJ
	B) Malfunctions							KJ
	C) Pierced Primers							KJ
	D) Optical Clarity of Scope							KJ
645	Inspect for Live Ammo						1/29/91	KJ
655	Final Inspection							
	A) Headspace						2-6-91	K
	B) Trigger Pull	2.52	2.43	2.55	2.57	2.56	2-4-91	RL
	C) Function						2-6-91	AC
660	Pack						3-19-91	DH

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6694620

DATE 1/29/91

TESTER JL

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.48	2.35	2.26	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.45	2.26	2.30	2.43	
PULL #3	2.42	2.23	2.37	2.55	
PULL #4	2.39	2.26	2.33	2.57	
PULL #5	2.49	2.41	2.44	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.50	3.48		
PULL #2	3.51	3.40		
PULL #3	3.57	3.39		
PULL #4	3.32	3.36		
PULL #5	3.39	3.34		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.23	4.37		4.55
PULL #2	4.30	4.31		4.39
PULL #3	4.24	4.26		4.29
PULL #4	4.23	4.20		4.44
PULL #5	4.39	4.31		4.47
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6594620
30 Jan 1991

CENTROIDAL DISTANCES

0 TO	1	.298304
1 TO	2	.292549
1 TO	3	.450148
1 TO	4	.336275
1 TO	5	.391297

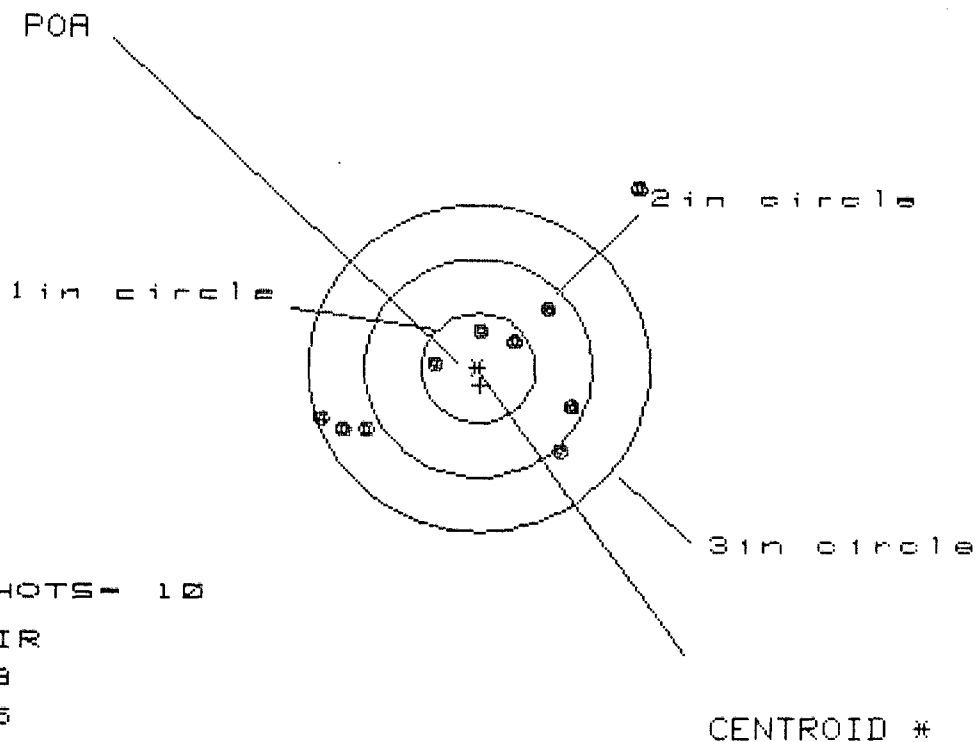
100 <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: -.0126
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .0524
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0538936
THE AMR FOR THIS RIFLE IS: .8746

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594620

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 5

3 in = 9

HS= 2.750

VS= 2.406

GS= 3.418

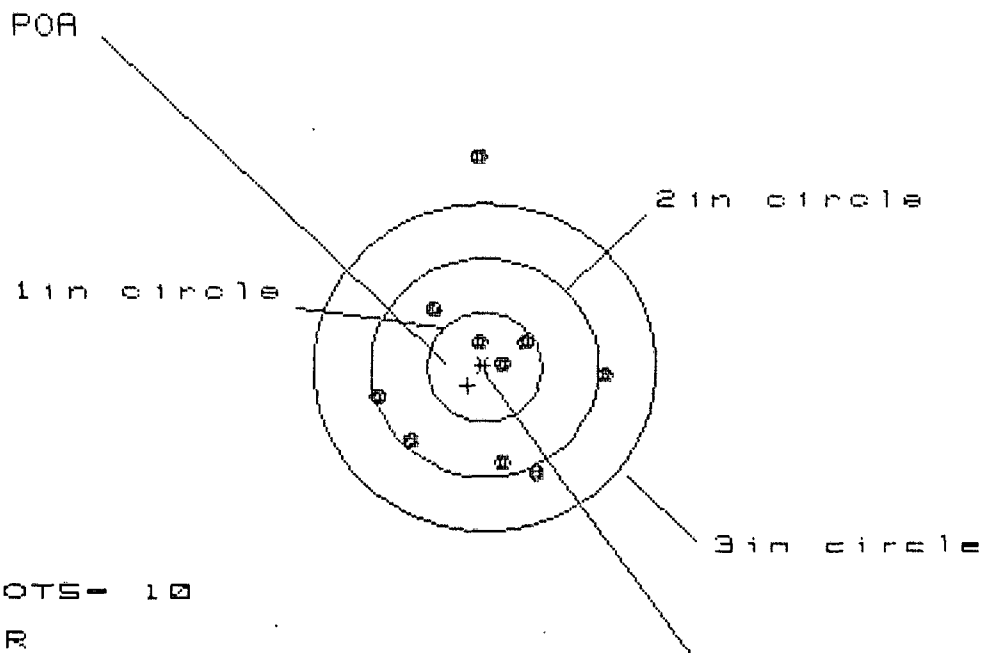
CENTROID #

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.401	.962	.813
MINIMUM X	:	-1.349	-1.193	-1.133
MAXIMUM Y	:	1.613	.684	.654
MINIMUM Y	:	-.794	-.614	-.644
CENTROID X	:	-.016	-.172	-.023
CENTROID Y	:	.158	-.022	.008
POA TO CENTROID in.	:	.158	.173	.024
MIN RADIUS	:	.308	.277	.389
MEAN RADIUS	:	.970	.845	.783
MAX RADIUS	:	2.136	1.217	1.198
HORIZONTAL SPREAD	:	2.750	2.155	1.946
VERTICAL SPREAD	:	2.406	1.298	1.298
EXTREME SPREAD	:	3.418	2.174	2.045
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594620

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1 in = 3

2 in = 6

3 in = 9

HS= 1.995

VS= 2.873

GS= 2.904

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.016	1.014	1.065
MINIMUM X	:	-.979	-.981	-.930
MAXIMUM Y	:	1.931	.739	.648
MINIMUM Y	:	-.942	-.728	-.763
CENTROID X	:	.145	.147	.096
CENTROID Y	:	.169	-.045	.046
POA TO CENTROID in.	:	.223	.154	.106
MIN RADIUS	:	.190	.273	.261
MEAN RADIUS	:	.830	.714	.684
MAX RADIUS	:	1.931	1.023	1.066
HORIZONTAL SPREAD	:	1.995	1.995	1.995
VERTICAL SPREAD	:	2.873	1.467	1.411
EXTREME SPREAD	:	2.904	2.002	2.002
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8594620

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS - 10

IN CIR

1 in = 5

2 in = 8

3 in = 10

HS = 1.700

VS = 2.155

GS = 2.300

CENTROID *

PATTERN #	:	144	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.908	.670	.693
MINIMUM X	:	-.792	-.691	-.668
MAXIMUM Y	:	1.111	.995	.855
MINIMUM Y	:	-1.044	-.879	-.755
CENTROID X	:	.024	-.077	-.100
CENTROID Y	:	-.054	.062	-.062
POA TO CENTROID in.	:	.059	.099	.118
MIN RADIUS	:	.108	.071	.125
MEAN RADIUS	:	.640	.542	.470
MAX RADIUS	:	1.384	1.106	1.025
HORIZONTAL SPREAD	:	1.700	1.361	1.361
VERTICAL SPREAD	:	2.155	1.874	1.610
EXTREME SPREAD	:	2.300	1.936	1.798
NUMBER IN ONE INCH CIRCLE	=		5	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

30 Jan 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6594620

CENTERFIRE PATTERNS

5

POA

1 in circle

2 in circle

3 in circle

OF SHOTS- 10

IN CIR

1 in - 0

2 in - 9

3 in = 10

HS- 1.968

VS= 1.658

GS= 1.972

CENTROID *

PATTERN #	:	351		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.889	.770	.640
MINIMUM X	:	-1.079	-1.033	-.641
MAXIMUM Y	:	.785	.774	.788
MINIMUM Y	:	-.873	-.884	-.870
CENTROID X	:	.076	.195	.325
CENTROID Y	:	-.072	-.061	-.075
POA TO CENTROID in.	:	.104	.205	.333
MIN RADIUS	:	.554	.437	.308
MEAN RADIUS	:	.791	.741	.680
MAX RADIUS	:	1.083	1.039	.880
HORIZONTAL SPREAD	:	1.968	1.803	1.281
VERTICAL SPREAD	:	1.658	1.658	1.658
EXTREME SPREAD	:	1.972	1.836	1.691
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		9	
NUMBER IN THREE INCH CIRCLE	=		10	

W/LEUPOLD 10X SCOPE

R 96-21854

INITIAL JJM	CUSTOMER ORDER NO.		DATE RECEIVED 10/03/96				DATE OPENED 10/03/96		DATE CODE DL 9-91		SERIAL NUMBER C6594620		NEW SERIAL NUMBER		MODEL AND GRADE 700 7.62 NATO	
ACCESSORIES W/STUDS		W/SWIVELS		SCOPE BASE												

Scope # 90-0930

FROM:	TRANSPORTATION OFFICER ANNISTON ARMY DEPOT ANNISTON AL 36201	SHIP TO:	TRANSPORTATION OFFICER ANNISTON ARMY DEPOT ANNISTON AL 36201
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CUST NO: 150939 C.O.D L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	PROM. DATE	ESTIMATED	VIA UPS
GUN CONDITION		REPAIR CHARGE		
☐ NEW		EXCISE		
☐ LIGHTLY WORN		TAX		
☐ WORN		INSURANCE		
☐ VERY WORN		UPS		
☐ UNREPAIRABLE		PARCEL POST		
☐ MARRED		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	COMMENTS
✓ Trigger Assy - 96024	
✓ Front Sight Assy - 96118	
✓ Rear " " - 96119	
Scope Sent Back To Factory for Inspec.	
REPAIRMAN RW	PROOF
GALLERY TESTER H	DATE 6/6/97
CLEAN ✓	TEST AC
DATE 6/9/97	TARGET
DATE	PATTERN

OFFICE COPY

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6594620DATE 4-14-97TESTER EK

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.52	2.43	2.67	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.57	2.51	2.57	
PULL #3	2.57	2.47	2.49	
PULL #4	2.52	2.59	2.64	
PULL #5	2.55	2.59	2.55	
TOTAL	12.73	12.59	12.92	
AVG.	2.55	2.52	2.58	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.15	3.15	
PULL #2	3.11	3.15	
PULL #3	3.07	3.06	
PULL #4	3.11	3.15	
PULL #5	3.02	3.13	
TOTAL	15.46	15.64	
AVG.	3.09	3.13	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.19	3.56		3.97
PULL #2	4.16	4.17		4.40
PULL #3	4.15	4.25		4.39
PULL #4	4.04	4.20		4.22
PULL #5	4.18	4.29		4.23
TOTAL	20.72	20.47		21.21
AVG.	4.14	4.09		4.24

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO.

C6594620

LOG IN DATE: / /

DATE

INT.

INSPECT & VERIFY:

OP. # OP. NAME

550 DIS-ASSEMBLE GUN

560 A RE-BARREL AT CUSTOM SHOP

B DRILL & TAP

C POLISH

575 ASSEMBLE

600 PROOF

605 CHECK HEADSPACE

610 DIS-ASSEMBLE

612 MAGNAFLUX

615 ROLLMARK CALIBER

618 ROTO-BLAST

620 APPLY COATINGS

625 A FINAL ASSEMBLY

B TRIGGER PULL TEST 2.95 2.90 2.85 2.83 2.83C SAFETY ON FORCE 3.5 3.5 3.5D SAFETY OFF FORCE 2.5 2 2

E FIRING PIN INDENT

640 TARGET

655 FINAL INSPECT

660 PACK

QAR INSPECTION

SHIP DATE

6/18/92 Rev

Final Inspection

S.N: C6594620	DATE REC'D: 10/3/96	DATE RET'D:
AUDITOR: RW		

Item:

Barrel Assy.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

Scope Assy.

- ☒ Scope
- ☒ Scope Rings
- ☒ MOUNTING SCREWS
- ☒ MOUNTING BASE
- ☒ SCREWS
- ☒ FINISH
- ☒ LOOSENESS
- ☒ CLARITY

Misc.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

Stock Assy.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

Systems Case

- ☒ Scope Case
- ☒ IRON SIGHTS
- ☒ Deployment Kit

Trigger

- ☒ SAFETY OPERATION
- ☒ SET

Comments: _____